

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071921\
 Data File : VW019500.D
 Acq On : 19 Jul 2021 10:55
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:40:22 PM

Quant Time: Jul 20 04:20:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:18:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	277920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	469186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	422483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	209788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	138929	45.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.040%		
35) Dibromofluoromethane	7.890	113	130903	45.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.340%		
50) Toluene-d8	10.329	98	506605	45.646	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.300%		
62) 4-Bromofluorobenzene	12.621	95	194551	46.732	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	103143	52.053	ug/l	100
3) Chloromethane	2.221	50	115516	48.098	ug/l	100
4) Vinyl Chloride	2.367	62	165707	50.619	ug/l	100
5) Bromomethane	2.788	94	96480	51.069	ug/l	100
6) Chloroethane	2.928	64	95838	51.640	ug/l	100
7) Trichlorofluoromethane	3.263	101	108072	51.792	ug/l	100
8) Diethyl Ether	3.690	74	80365	49.261	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	148099	50.456	ug/l	100
10) Methyl Iodide	4.287	142	194177	50.806	ug/l	100
11) Tert butyl alcohol	5.202	59	47569	219.128	ug/l	100
12) 1,1-Dichloroethene	4.050	96	156283	51.160	ug/l	100
13) Acrolein	3.903	56	42590	230.518	ug/l	100
14) Allyl chloride	4.672	41	226173	51.550	ug/l	100
15) Acrylonitrile	5.373	53	172536	247.811	ug/l	100
16) Acetone	4.141	43	124343	246.003	ug/l	100
17) Carbon Disulfide	4.391	76	447304	51.189	ug/l	100
18) Methyl Acetate	4.678	43	77781	46.339	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	216475	50.388	ug/l	100
20) Methylene Chloride	4.922	84	175355	46.508	ug/l	100
21) trans-1,2-Dichloroethene	5.428	96	172243	51.796	ug/l	100
22) Diisopropyl ether	6.318	45	484591	51.617	ug/l	100
23) Vinyl Acetate	6.263	43	1469562	260.729	ug/l	100
24) 1,1-Dichloroethane	6.220	63	320386	51.099	ug/l	100
25) 2-Butanone	7.177	43	212823	244.770	ug/l	100
26) 2,2-Dichloropropane	7.171	77	168177	50.382	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	192034	51.766	ug/l	100
28) Bromochloromethane	7.519	49	123703	49.411	ug/l	100
29) Tetrahydrofuran	7.537	42	142635	246.939	ug/l	100
30) Chloroform	7.677	83	306842	50.079	ug/l	100
31) Cyclohexane	7.958	56	283666	48.574	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	229404	50.415	ug/l	100
36) 1,1-Dichloropropene	8.086	75	251123	50.206	ug/l	100
37) Ethyl Acetate	7.256	43	102150	48.730	ug/l	100
38) Carbon Tetrachloride	8.073	117	218375	49.976	ug/l	100
39) Methylcyclohexane	9.335	83	304417	51.204	ug/l	100
40) Benzene	8.329	78	703197	50.231	ug/l	100

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Quant Time: Jul 20 04:20:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:18:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	63876	53.670	ug/l	100
42) 1,2-Dichloroethane	8.403	62	200107	49.546	ug/l	100
43) Isopropyl Acetate	8.427	43	189626	48.389	ug/l	100
44) Trichloroethene	9.091	130	174377	49.429	ug/l	100
45) 1,2-Dichloropropane	9.372	63	175190	49.552	ug/l	100
46) Dibromomethane	9.463	93	87186	48.615	ug/l	100
47) Bromodichloromethane	9.646	83	225868	50.142	ug/l	100
48) Methyl methacrylate	9.439	41	87791	48.895	ug/l	100
49) 1,4-Dioxane	9.463	88	26042	981.526	ug/l #	100
51) 4-Methyl-2-Pentanone	10.213	43	489531	242.184	ug/l	100
52) Toluene	10.390	92	432864	49.813	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	230586	50.183	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	276276	50.531	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	124725	49.380	ug/l	100
56) Ethyl methacrylate	10.646	69	168186	50.854	ug/l	100
57) 1,3-Dichloropropane	10.933	76	223148	48.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	364047	237.852	ug/l	100
59) 2-Hexanone	10.969	43	325486	242.705	ug/l	100
60) Dibromochloromethane	11.128	129	137145	49.419	ug/l	100
61) 1,2-Dibromoethane	11.237	107	116311	48.779	ug/l	100
64) Tetrachloroethene	10.866	164	141359	49.818	ug/l	100
65) Chlorobenzene	11.658	112	446057	49.635	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	156884	50.752	ug/l	100
67) Ethyl Benzene	11.731	91	838540	50.972	ug/l	100
68) m/p-Xylenes	11.841	106	642394	102.148	ug/l	100
69) o-Xylene	12.170	106	303529	51.626	ug/l	100
70) Styrene	12.182	104	513231	51.674	ug/l	100
71) Bromoform	12.347	173	78856	51.167	ug/l #	100
73) Isopropylbenzene	12.463	105	802753	50.363	ug/l	100
74) N-amyl acetate	12.274	43	177028	48.542	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	142208	47.440	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	96328m	46.459	ug/l	
77) Bromobenzene	12.749	156	176563	49.140	ug/l	100
78) n-propylbenzene	12.804	91	1002941	50.328	ug/l	100
79) 2-Chlorotoluene	12.890	91	584077	49.850	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	683046	50.253	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	44488	48.900	ug/l	100
82) 4-Chlorotoluene	12.987	91	599716	49.498	ug/l	100
83) tert-Butylbenzene	13.207	119	584012	50.645	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	683484	50.248	ug/l	100
85) sec-Butylbenzene	13.383	105	903437	50.971	ug/l	100
86) p-Isopropyltoluene	13.499	119	732515	50.153	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	361201	49.115	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	351134	48.237	ug/l	100
89) n-Butylbenzene	13.822	91	715729	50.057	ug/l	100
90) Hexachloroethane	14.091	117	128092	49.746	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	318284	49.208	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	23168	46.614	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	216123	49.500	ug/l	100
94) Hexachlorobutadiene	15.237	225	120978	48.978	ug/l	100
95) Naphthalene	15.365	128	404344	50.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	182685	47.866	ug/l	100

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Manual Integrations
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Quant Time: Jul 20 04:20:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:18:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Abundance

TIC: VW019500.D\data.ms

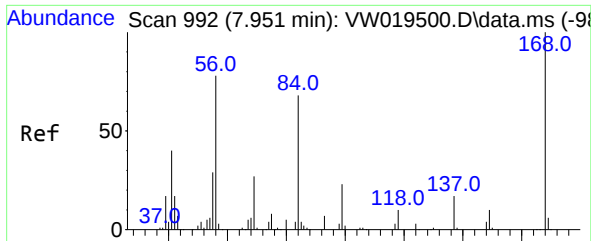
Time-->

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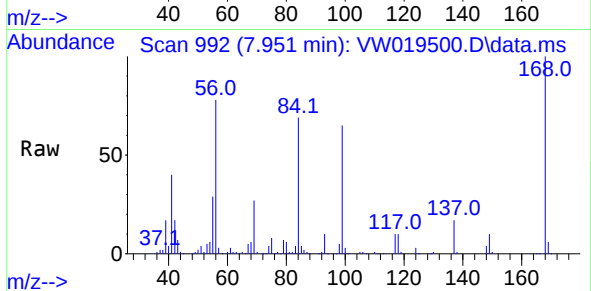
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200,000
100,000
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Chemical compounds identified (from left to right):

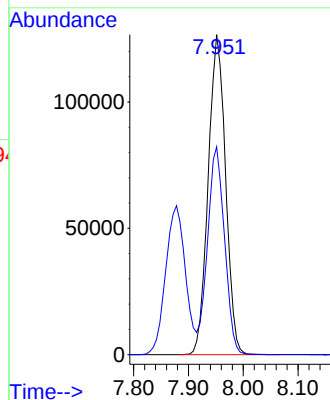
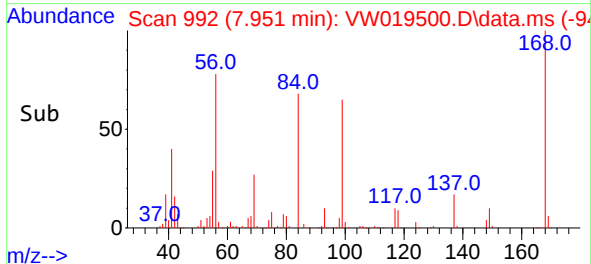
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- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- 1,1,1,2-Tetrachloroethane, T
- Acetone, T
- Methyl Iodide, T
- Carbon Disulfide, T
- Methyl Acetate, T
- Allyl Chloride, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- Methyl 1,2-Dichloroethane, T
- 1,1-Dichloroethane, P
- Diisopropyl ether, T
- Vinyl Acetate, T
- Ethyl Acetate, T
- Methyl 2-Chloropropanoate, T
- Chloroform, C
- Carbon tetrachloride, T
- 1,2-Dichloroethane, T
- Isobutyl Acetate, T
- 1,4-Difluorobenzene, T
- Trichloroethene, TM
- 2-Chloropropanoic acid, T
- 2-Chloropropanol, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- Methyl 2-Pentanoate, T
- Toluene, CM
- Ethyl 2-Chloropropionate, T
- 1,2-Trichloroethane, T
- 1,3-Dichloropropene, T
- 1,3-Dichlorobenzene, T
- 1,2-Dibromochloromethane, T
- 1,2-Dibromodifluoroethane, T
- Chlorobenzene, T
- Ethyl 2-Chloropropionate, T
- o-Xylene, T
- Styrene, T
- Isopropylbenzene, T
- n-Propylbenzene, T
- 1,3,5-Trimethylbenzene, T
- tert-Butylbenzene, T
- sec-Butylbenzene, T
- 1,2,4-Trimethylbenzene, T
- n-Butylbenzene, T
- 1,4-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,3-Trichlorobenzene, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobutadiene, T
- Naphthalene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019500.D
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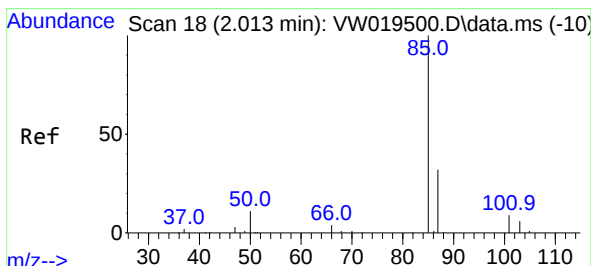
Tgt Ion:168 Resp: 277920
Ion Ratio Lower Upper
168 100
99 64.9 51.9 77.9



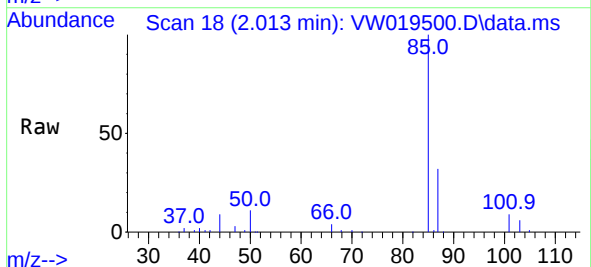
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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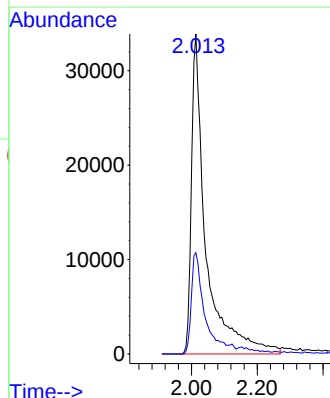
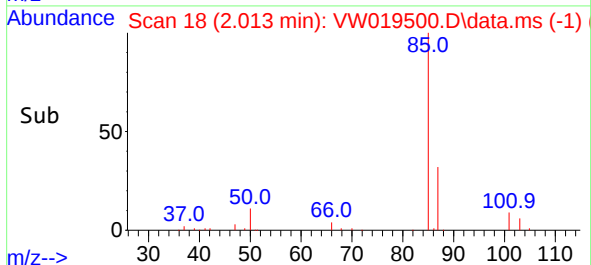
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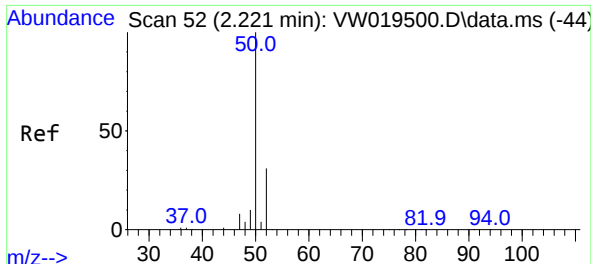


#2
Dichlorodifluoromethane
Concen: 52.053 ug/l
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion: 85 Resp: 103143
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





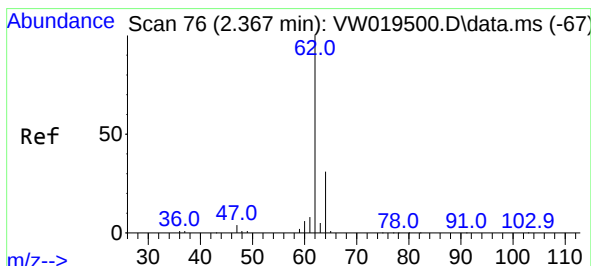
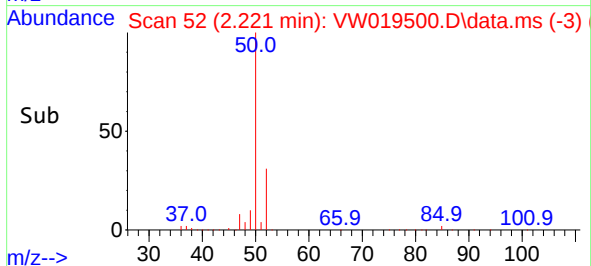
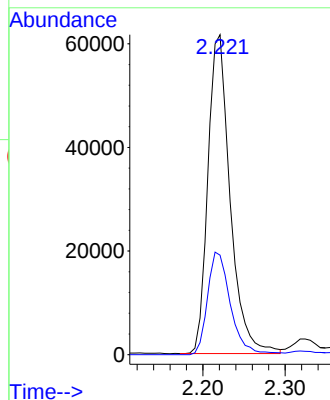
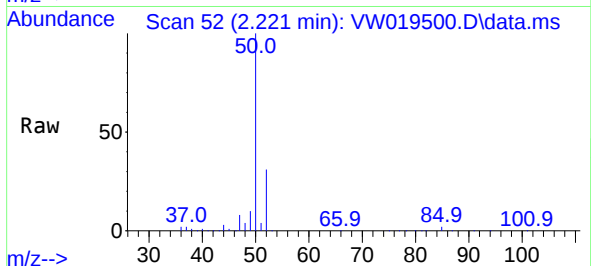
#3
Chloromethane
Concen: 48.098 ug/l
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 50 Resp: 115516
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4

Instrument :
MSVOA_W
ClientSampleId :
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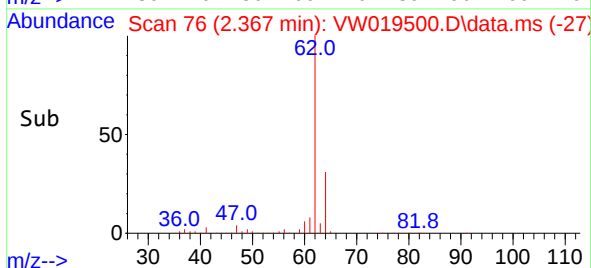
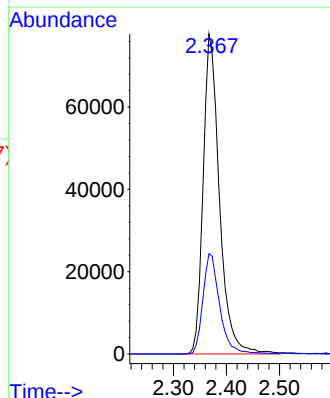
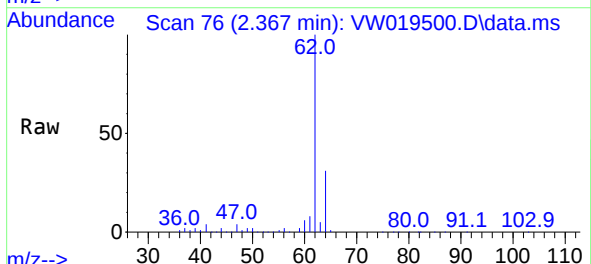
Manual Integrations
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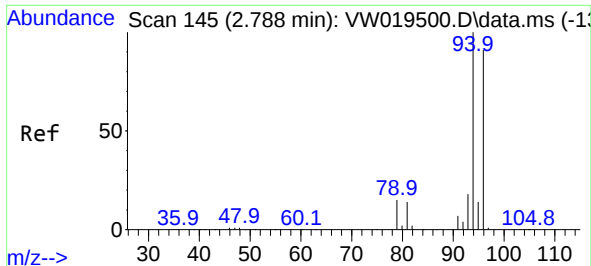
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7/20/2021 5:40:22 PM



#4
Vinyl Chloride
Concen: 50.619 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 62 Resp: 165707
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





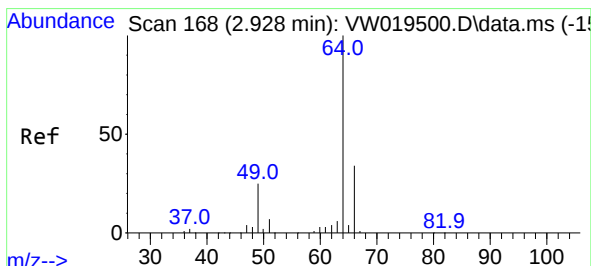
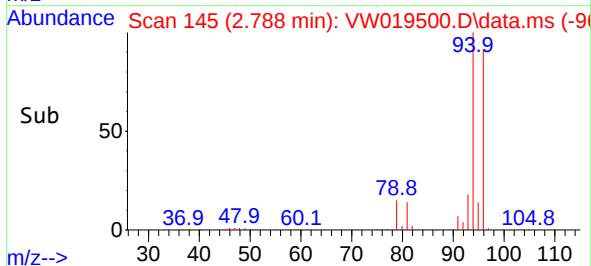
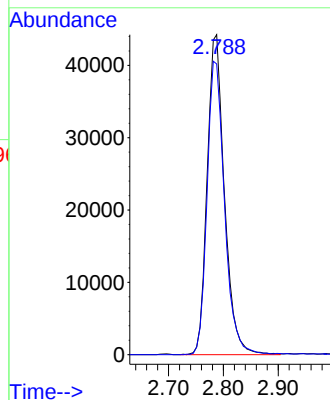
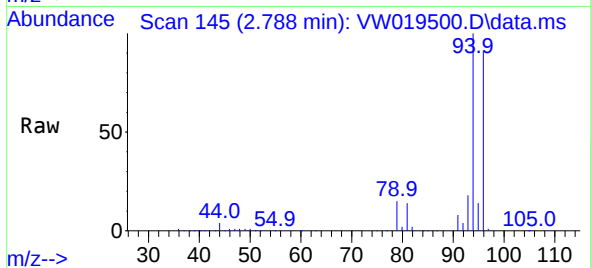
#5
Bromomethane
Concen: 51.069 ug/l
RT: 2.788 min Scan# 145
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 96480
Ion Ratio Lower Upper
94 100
96 90.9 72.7 109.1

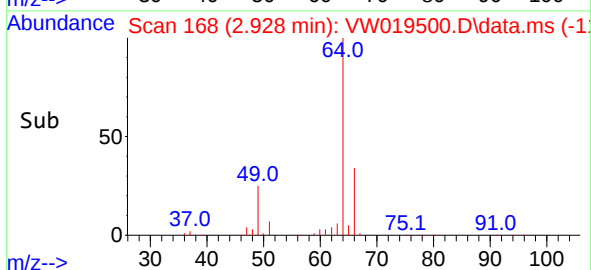
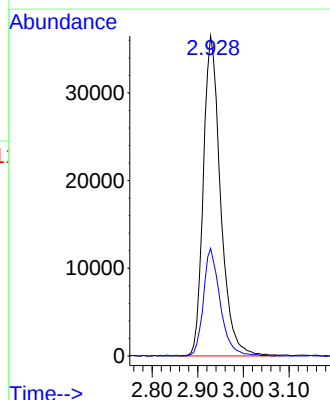
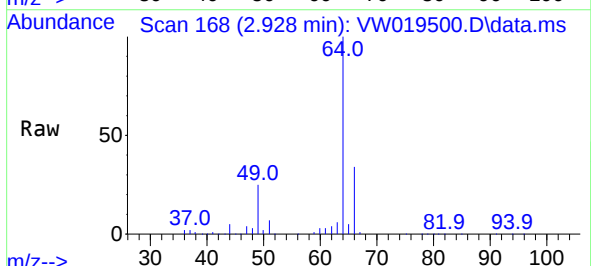
Manual Integrations
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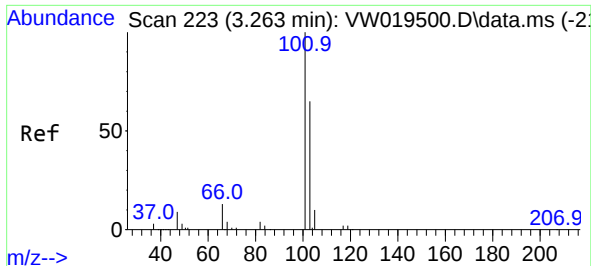
MMDadoda
7/20/2021 5:40:22 PM



#6
Chloroethane
Concen: 51.640 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW019500.D
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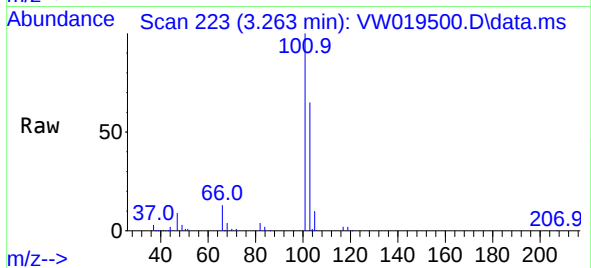
Tgt Ion: 64 Resp: 95838
Ion Ratio Lower Upper
64 100
66 33.6 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 51.792 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. 0.000 min
 Lab File: VW019500.D
 Acq: 19 Jul 2021 10:55

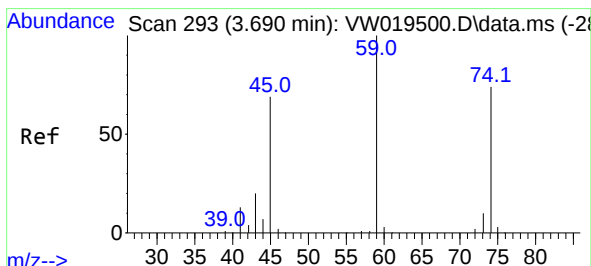
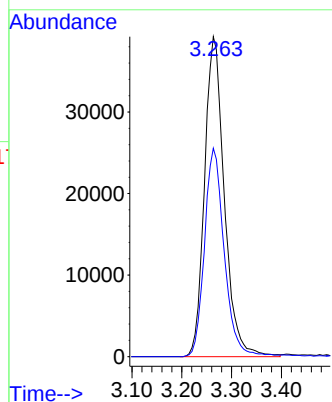
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



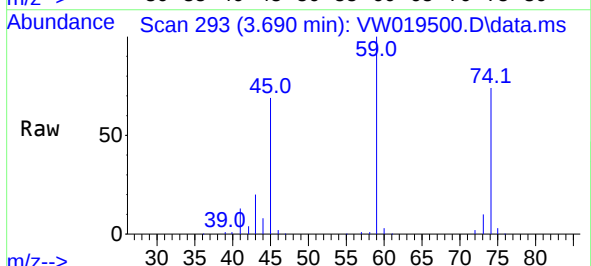
Tgt Ion:101 Resp: 108072
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

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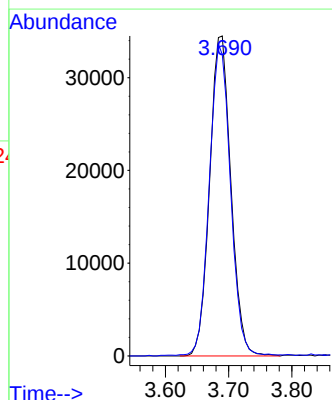
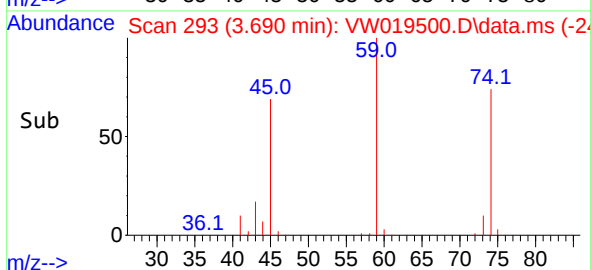
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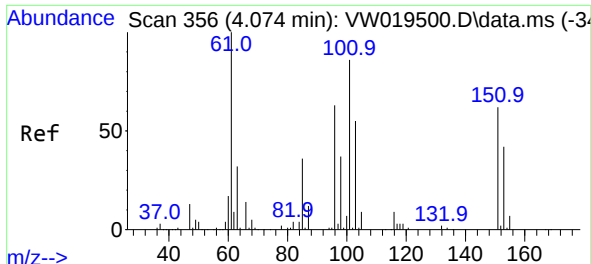


#8
 Diethyl Ether
 Concen: 49.261 ug/l
 RT: 3.690 min Scan# 293
 Delta R.T. 0.000 min
 Lab File: VW019500.D
 Acq: 19 Jul 2021 10:55



Tgt Ion: 74 Resp: 80365
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.8 146.3





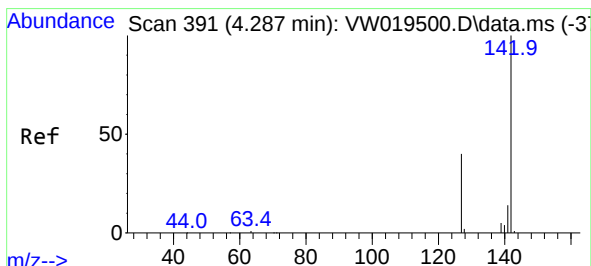
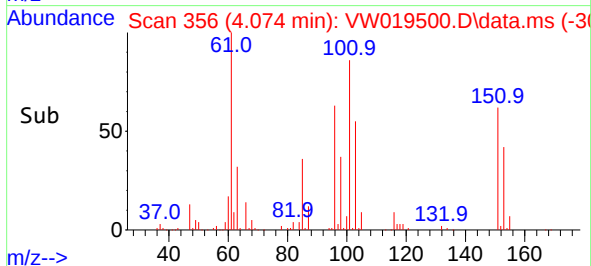
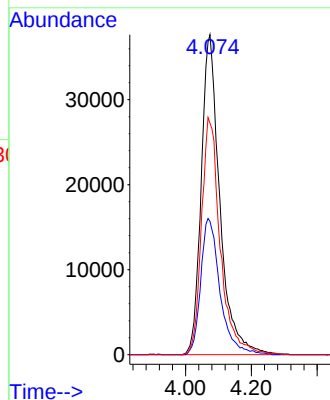
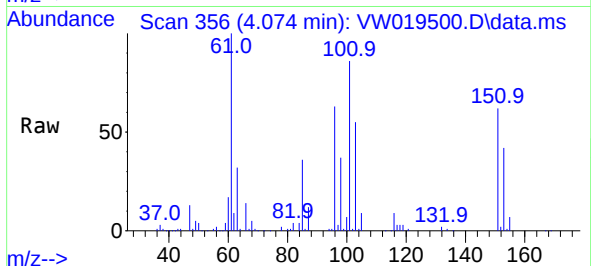
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.456 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:101 Resp: 148099
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 74.5 59.6 89.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

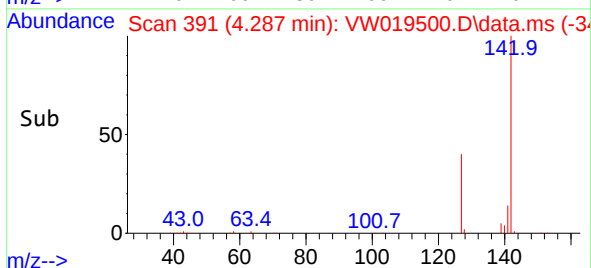
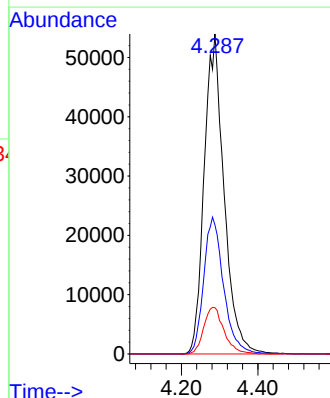
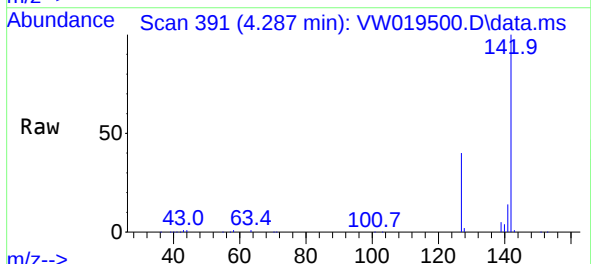
Manual Integrations
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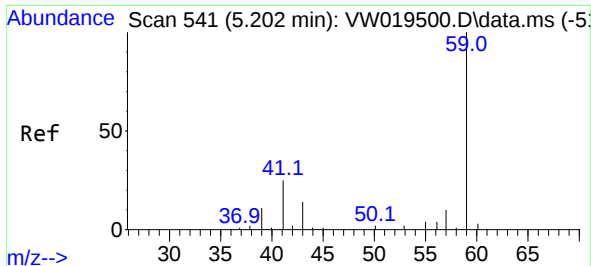
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#10
Methyl Iodide
Concen: 50.806 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:142 Resp: 194177
Ion Ratio Lower Upper
142 100
127 42.7 34.2 51.2
141 14.9 11.9 17.9





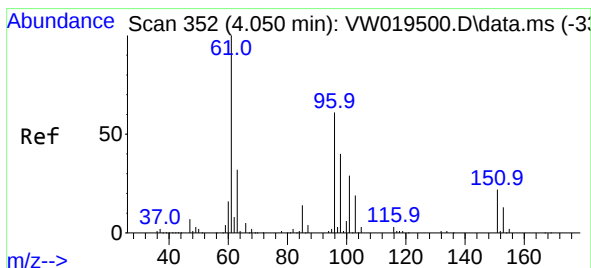
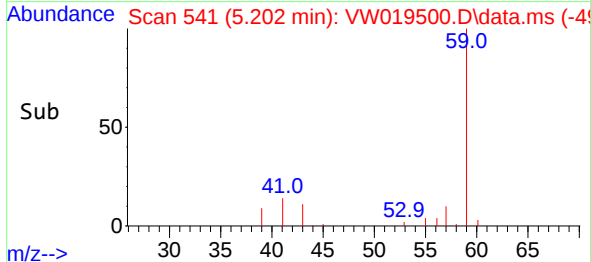
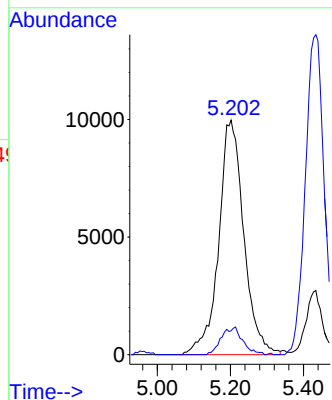
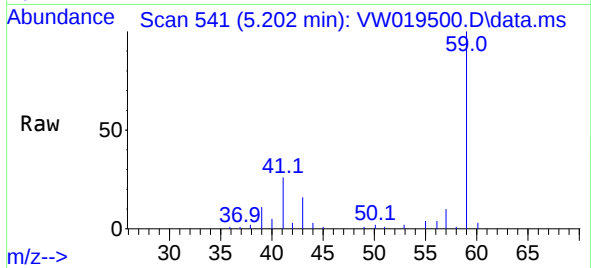
#11
Tert butyl alcohol
Concen: 219.128 ug/l
RT: 5.202 min Scan# 541
Delta R.T. -0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 59 Resp: 47569
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

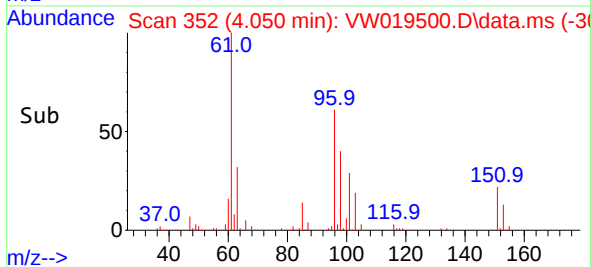
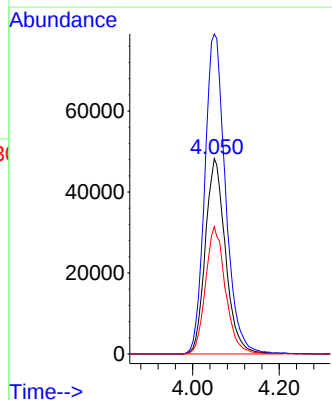
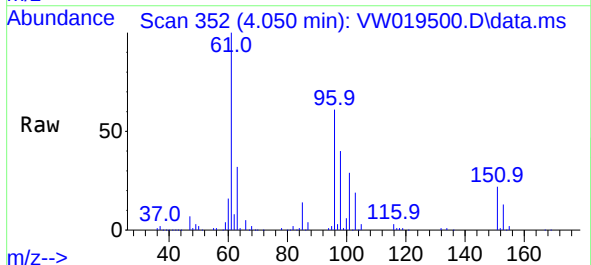
Manual Integrations
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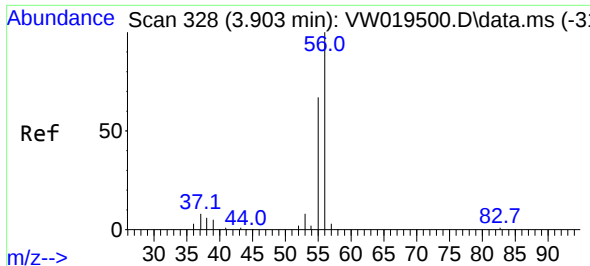
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#12
1,1-Dichloroethene
Concen: 51.160 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 96 Resp: 156283
Ion Ratio Lower Upper
96 100
61 163.8 131.0 196.6
98 65.2 52.2 78.2





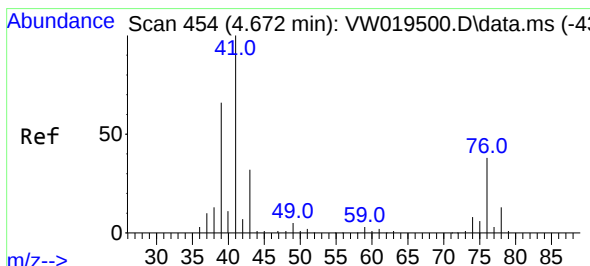
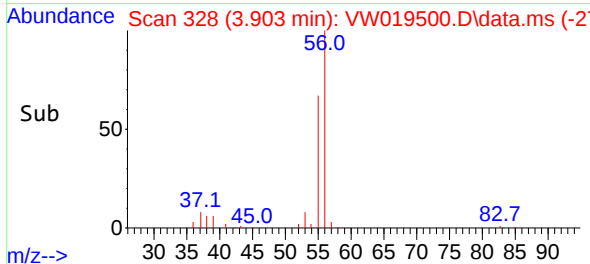
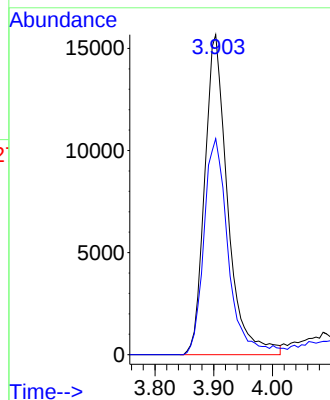
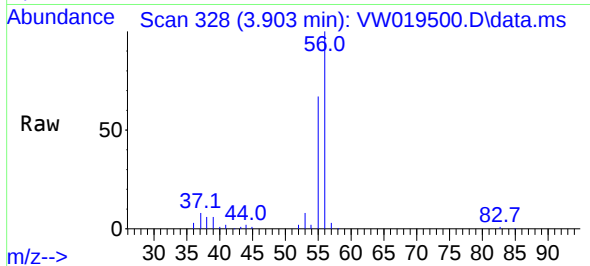
#13
Acrolein
Concen: 230.518 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 56 Resp: 42590
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

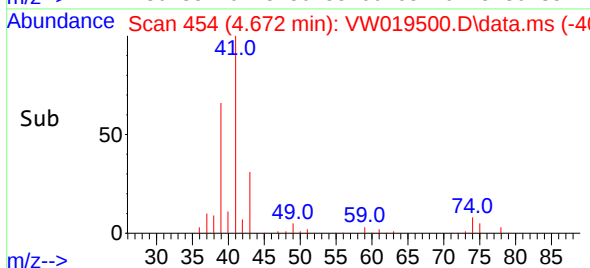
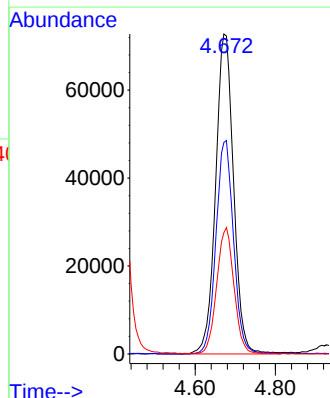
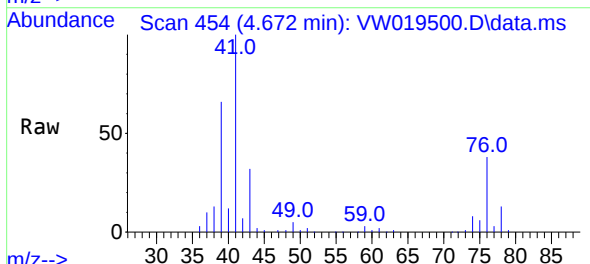
Manual Integrations
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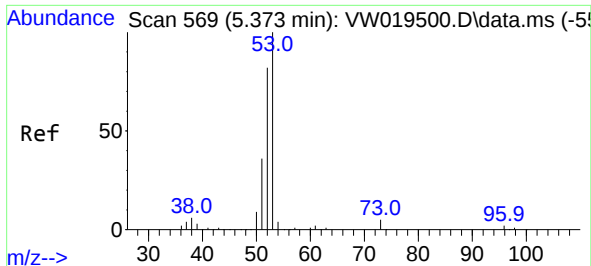
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#14
Allyl chloride
Concen: 51.550 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

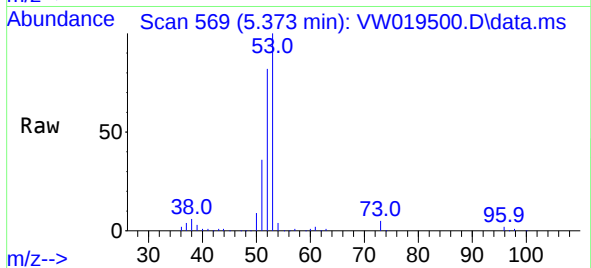
Tgt Ion: 41 Resp: 226173
Ion Ratio Lower Upper
41 100
39 65.2 52.2 78.2
76 37.6 30.1 45.1





#15
Acrylonitrile
Concen: 247.811 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

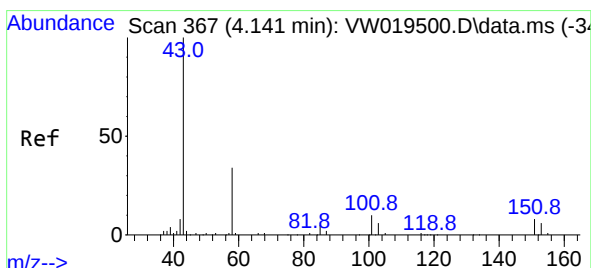
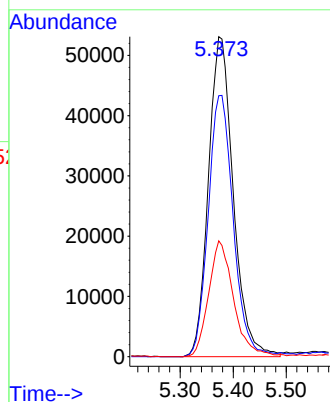
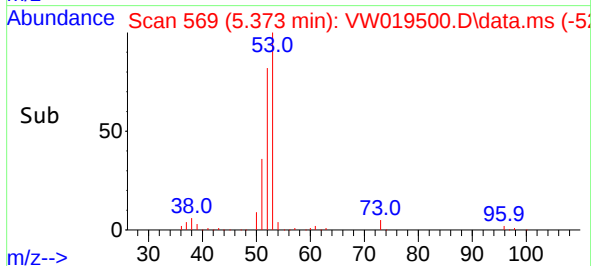
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



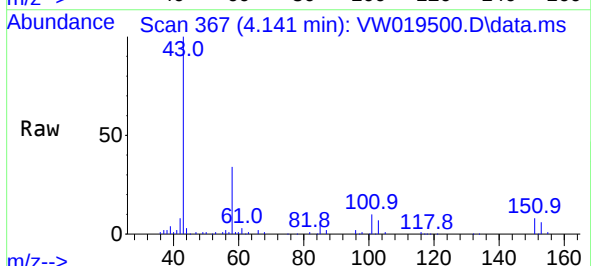
Tgt Ion: 53 Resp: 172536
Ion Ratio Lower Upper
53 100
52 82.4 65.9 98.9
51 36.5 29.2 43.8

Manual Integrations
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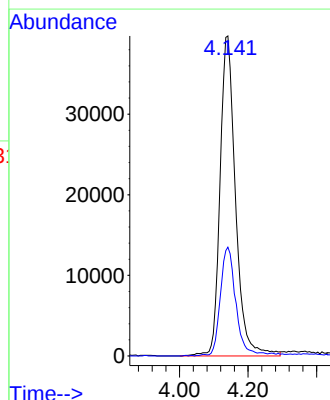
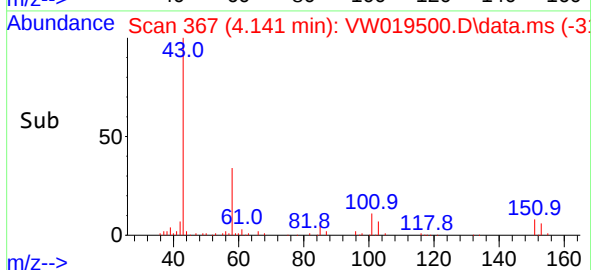
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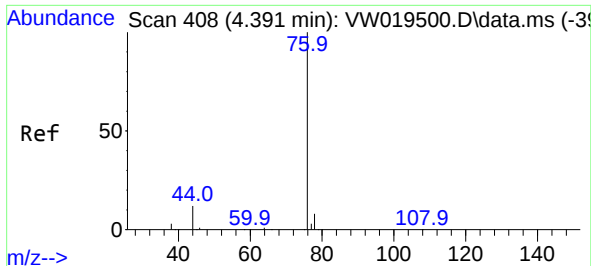


#16
Acetone
Concen: 246.003 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion: 43 Resp: 124343
Ion Ratio Lower Upper
43 100
58 34.0 27.2 40.8





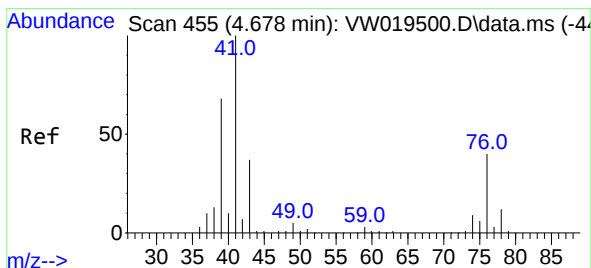
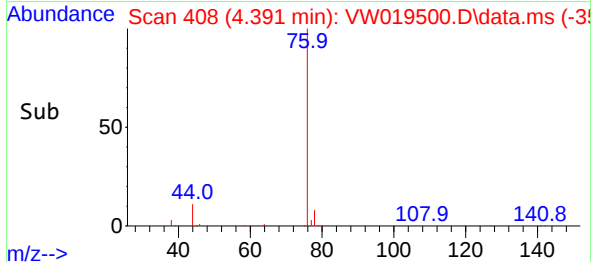
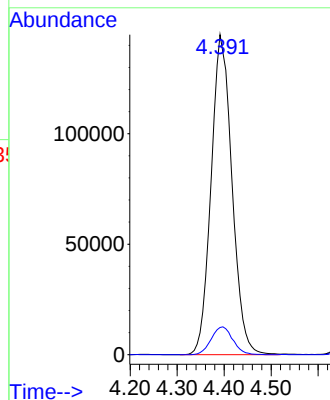
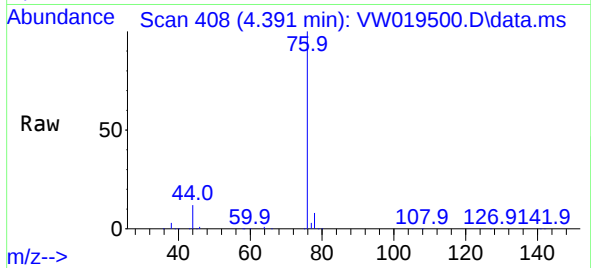
#17
Carbon Disulfide
Concen: 51.189 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 76 Resp: 447304
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

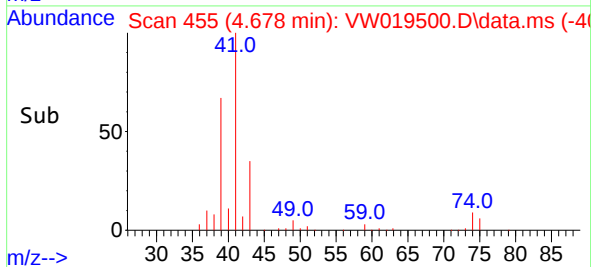
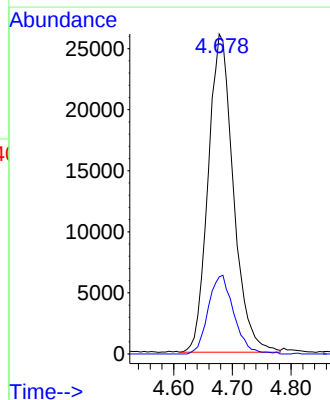
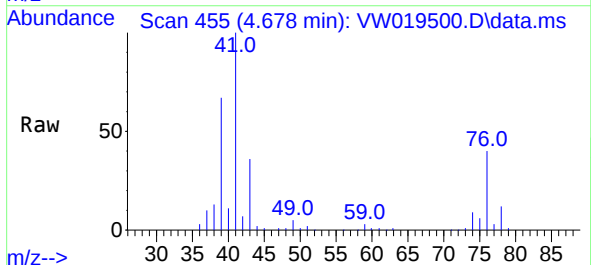
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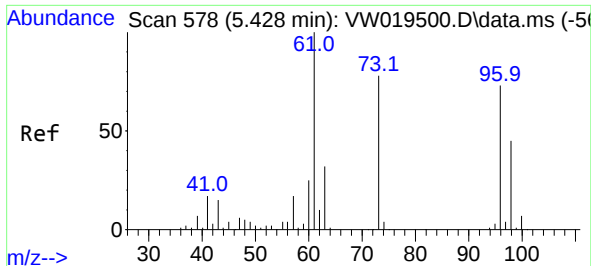
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#18
Methyl Acetate
Concen: 46.339 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 43 Resp: 77781
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





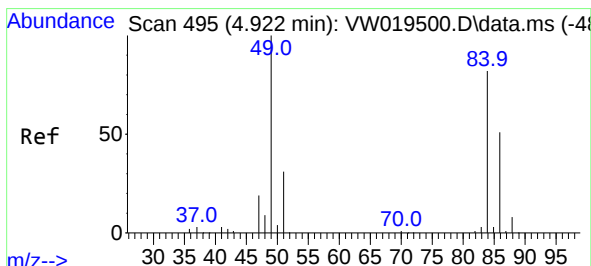
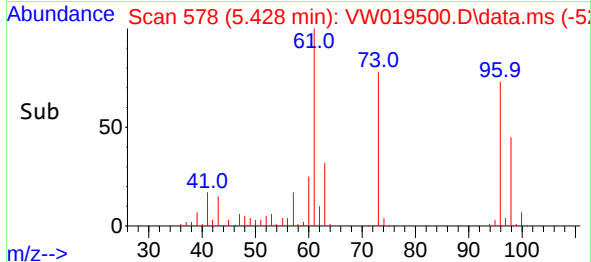
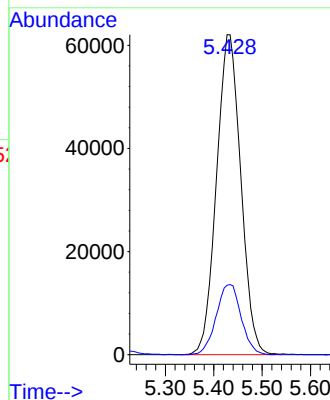
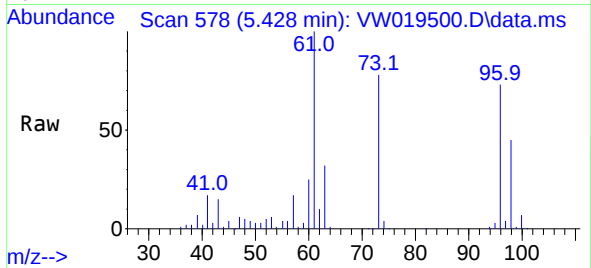
#19
Methyl tert-butyl Ether
Concen: 50.388 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 73 Resp: 216475
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

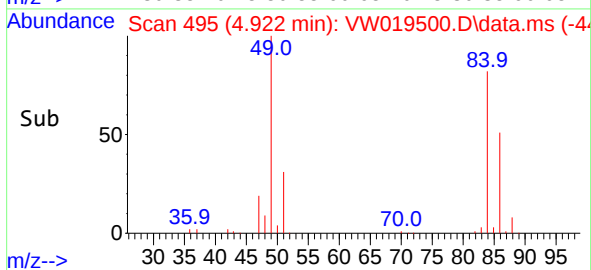
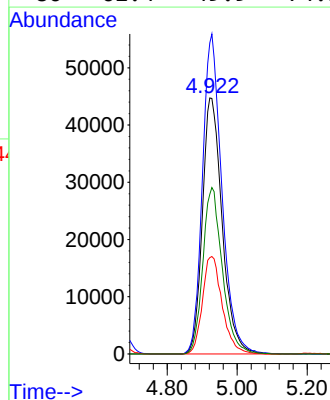
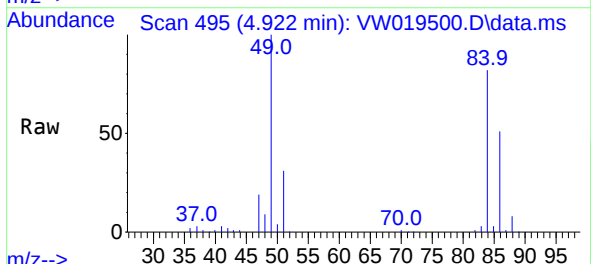
Manual Integrations
APPROVED

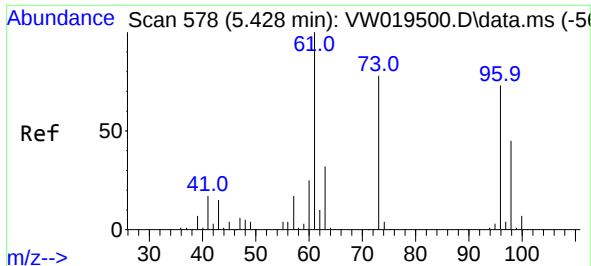
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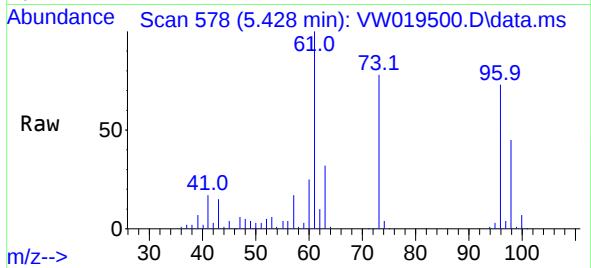
#20
Methylene Chloride
Concen: 46.508 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 84 Resp: 175355
Ion Ratio Lower Upper
84 100
49 121.5 97.2 145.8
51 37.6 30.1 45.1
86 62.4 49.9 74.9



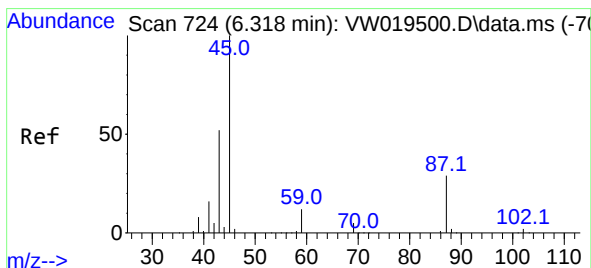
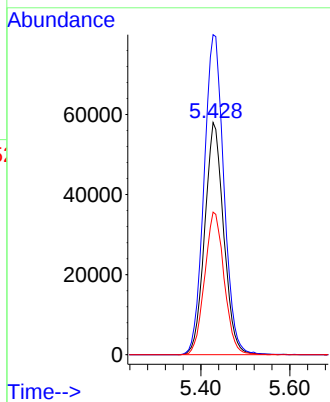
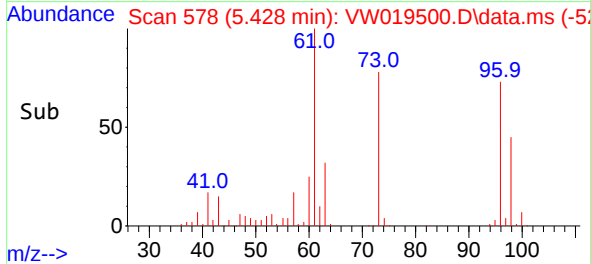


#21
trans-1,2-Dichloroethene
Concen: 51.796 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

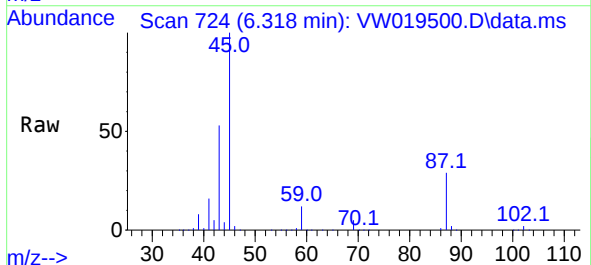


Tgt Ion: 96 Resp: 172243

Ion	Ratio	Lower	Upper
96	100		
61	137.9	110.3	165.5
98	61.4	49.1	73.7

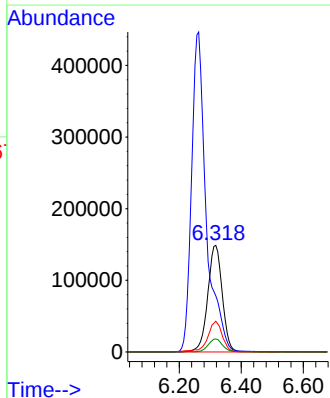
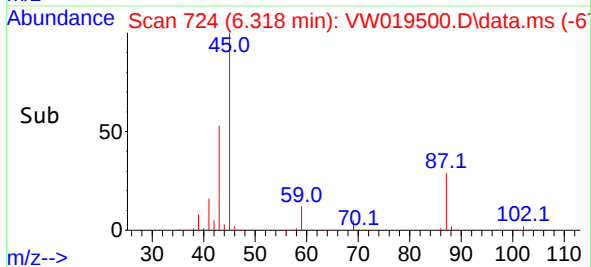


#22
Diisopropyl ether
Concen: 51.617 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion: 45 Resp: 484591

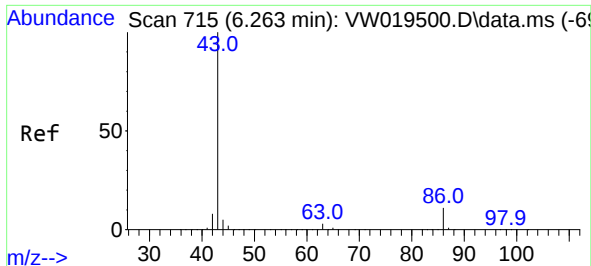
Ion	Ratio	Lower	Upper
45	100		
43	52.5	42.0	63.0
87	28.8	23.0	34.6
59	12.2	9.8	14.6



Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Manual Integrations
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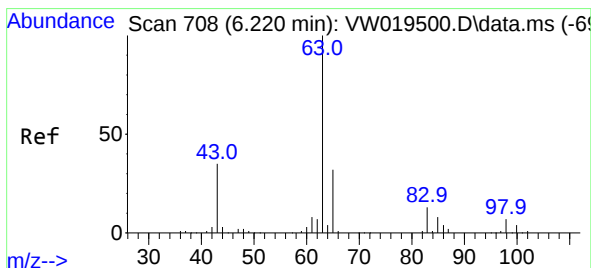
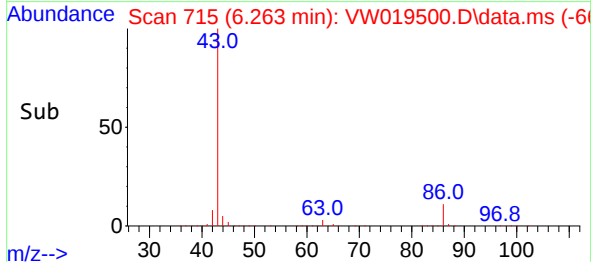
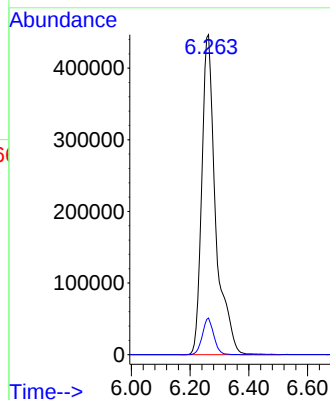
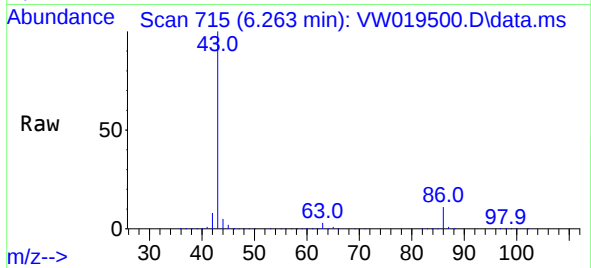
#23
 Vinyl Acetate
 Concen: 260.729 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW019500.D
 Acq: 19 Jul 2021 10:55

Tgt Ion: 43 Resp: 1469562
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.1 13.7

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

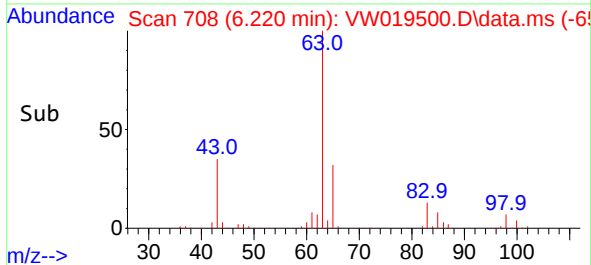
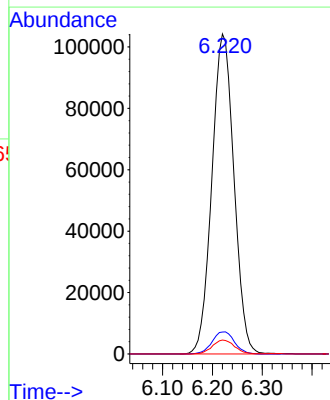
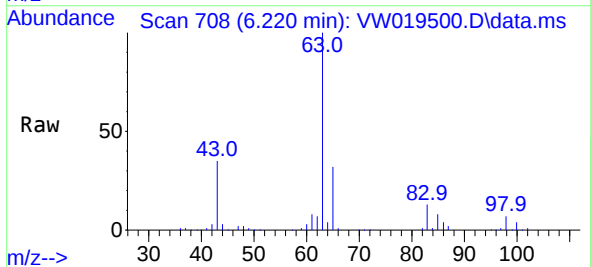
Manual Integrations
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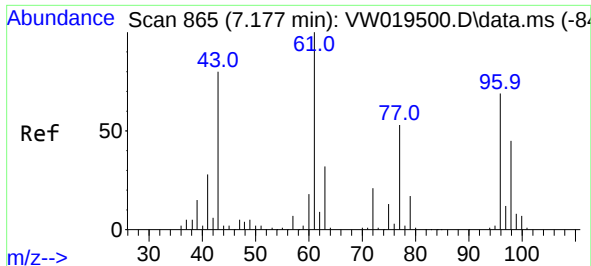
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#24
 1,1-Dichloroethane
 Concen: 51.099 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW019500.D
 Acq: 19 Jul 2021 10:55

Tgt Ion: 63 Resp: 320386
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.4 2.2 6.6





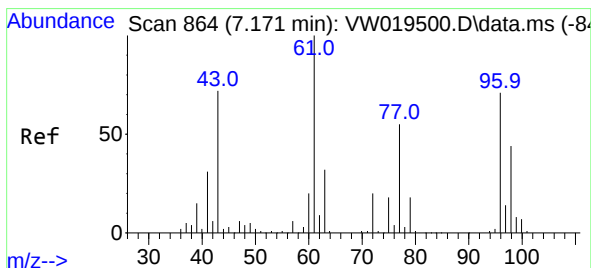
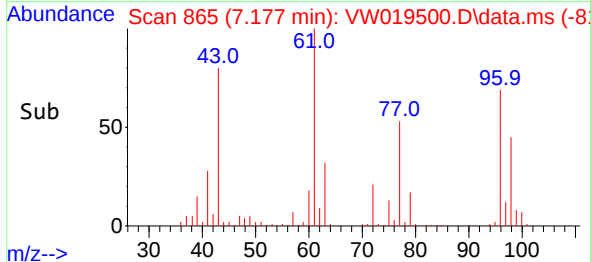
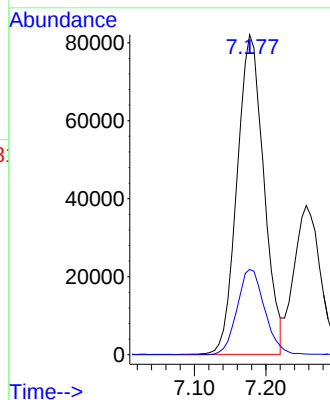
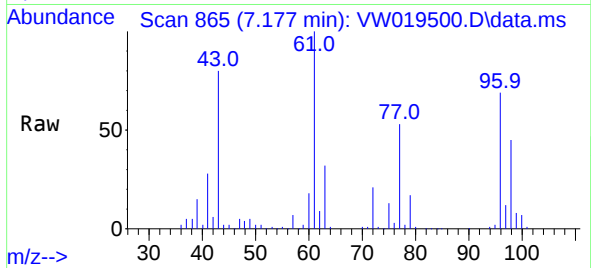
#25
2-Butanone
Concen: 244.770 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 43 Resp: 212823
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.0

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

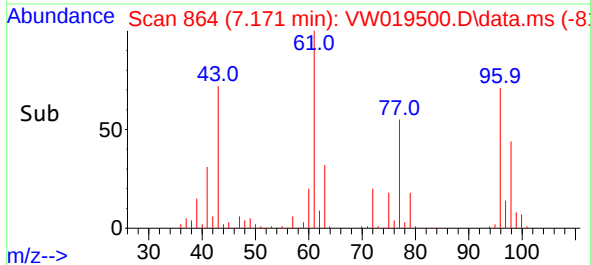
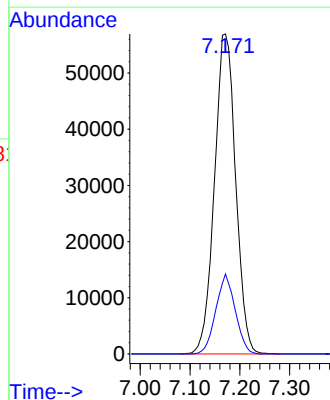
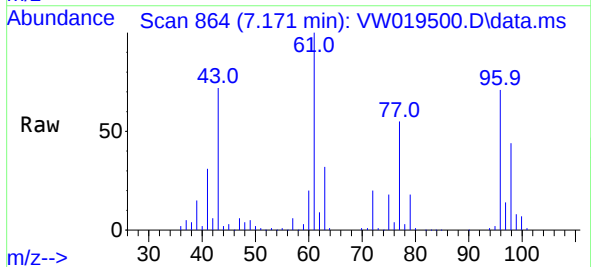
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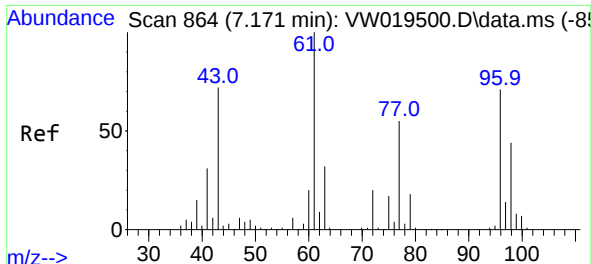
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#26
2,2-Dichloropropane
Concen: 50.382 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 77 Resp: 168177
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





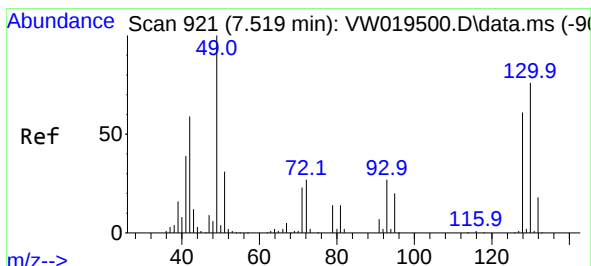
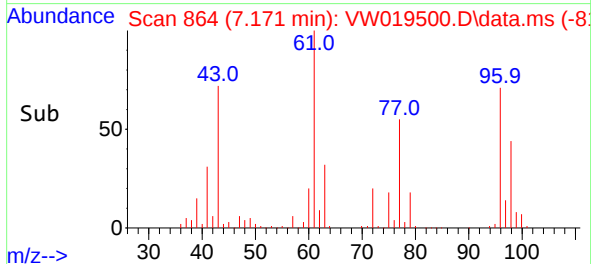
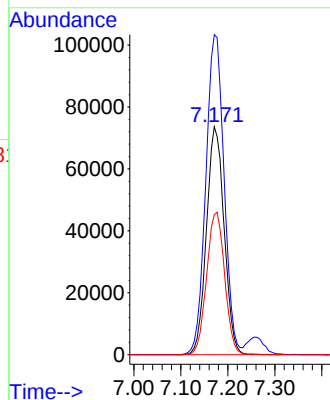
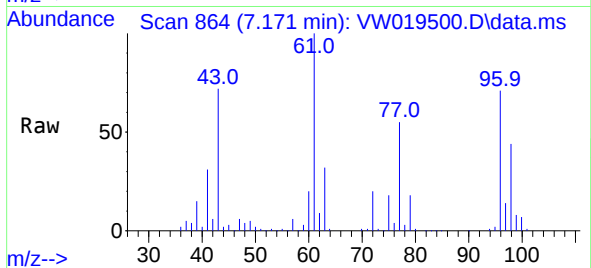
#27
cis-1,2-Dichloroethene
Concen: 51.766 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 96 Resp: 192034
Ion Ratio Lower Upper
96 100
61 144.8 0.0 289.6
98 63.7 0.0 127.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

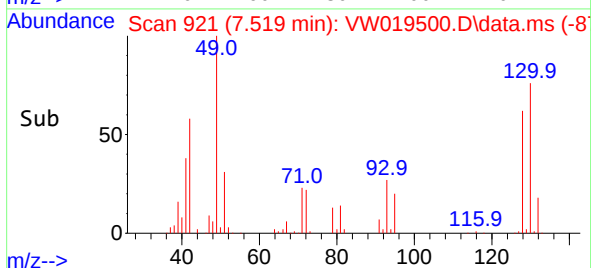
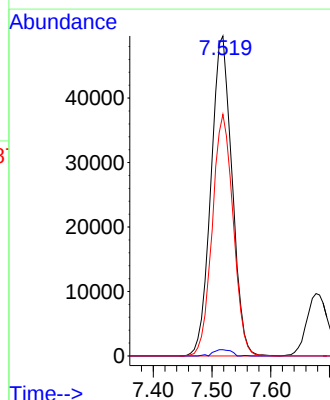
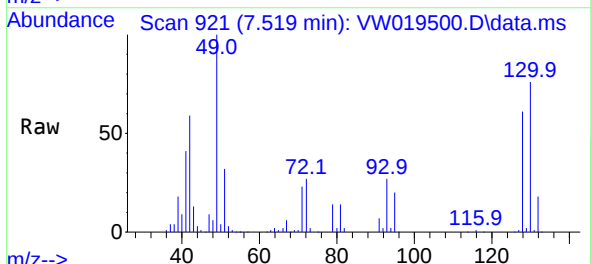
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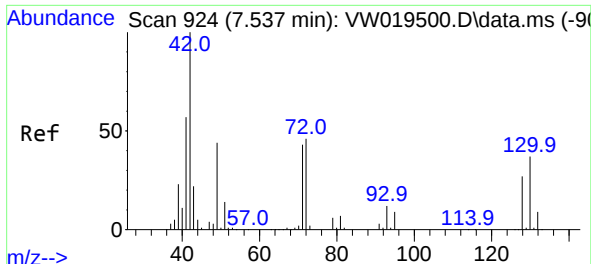
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#28
Bromochloromethane
Concen: 49.411 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 49 Resp: 123703
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 74.7 59.8 89.6





#29
Tetrahydrofuran
Concen: 246.939 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

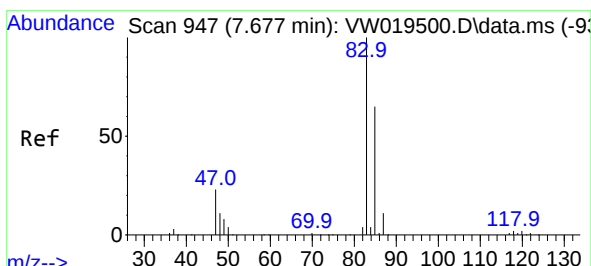
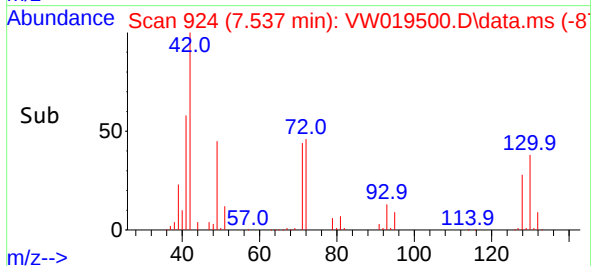
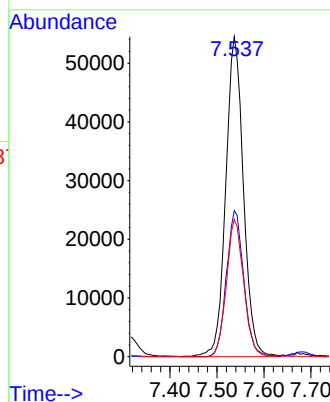
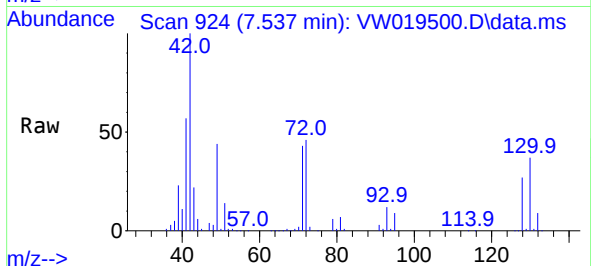
Tgt Ion: 42 Resp: 142635

Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	41.8	33.4	50.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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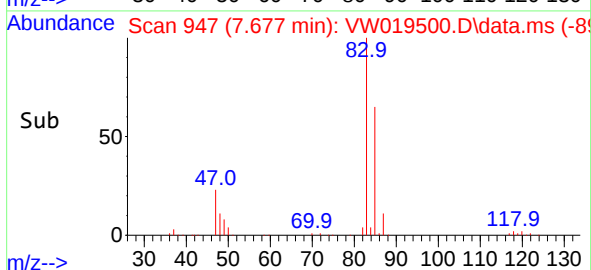
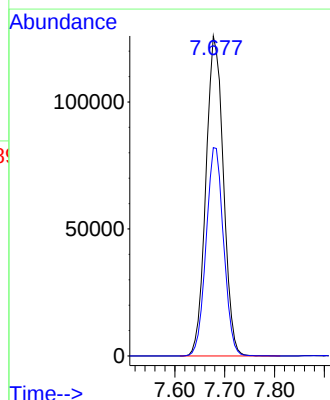
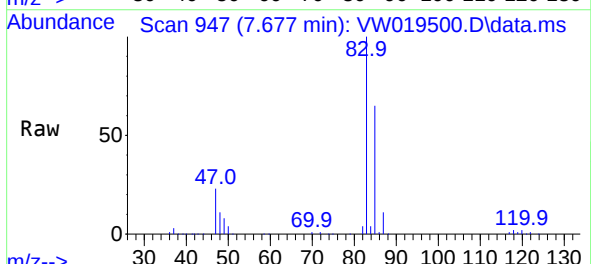
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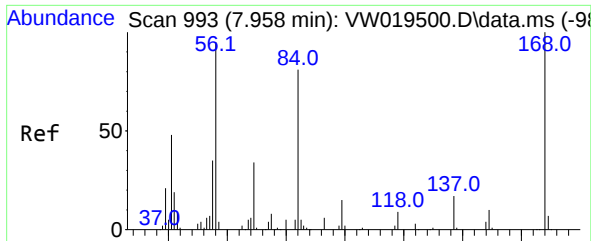


#30
Chloroform
Concen: 50.079 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

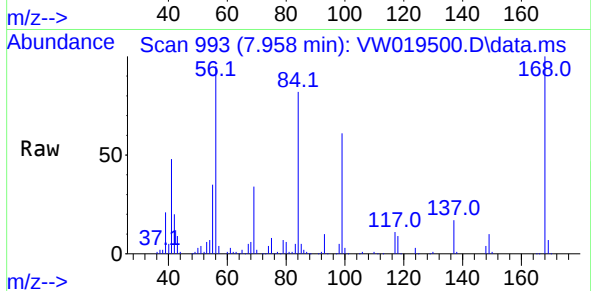
Tgt Ion: 83 Resp: 306842

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1

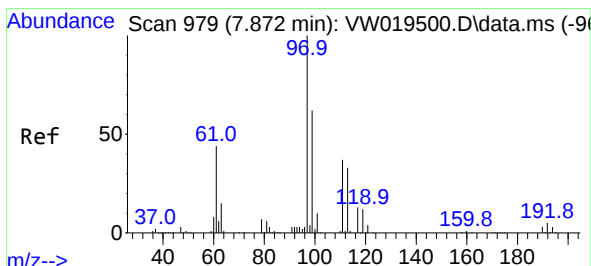
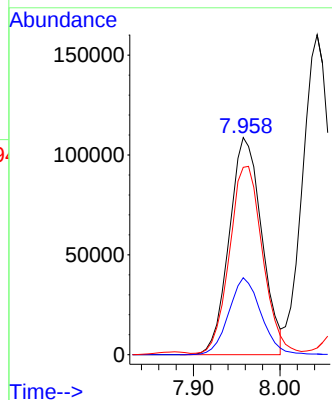
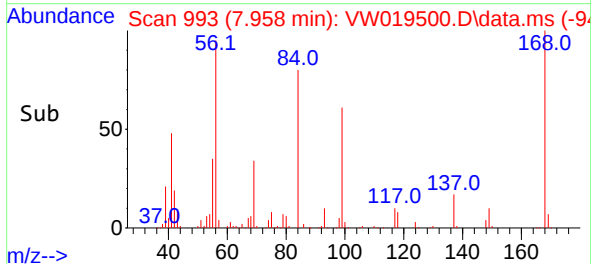




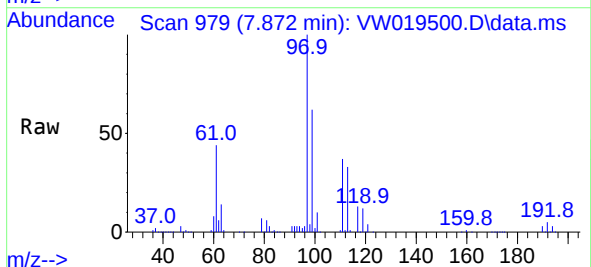
#31
Cyclohexane
Concen: 48.574 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



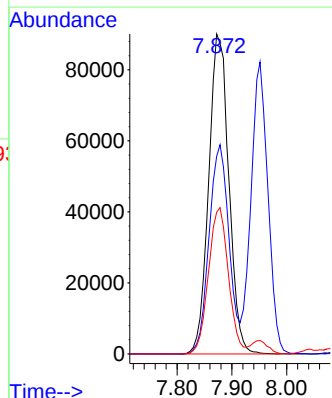
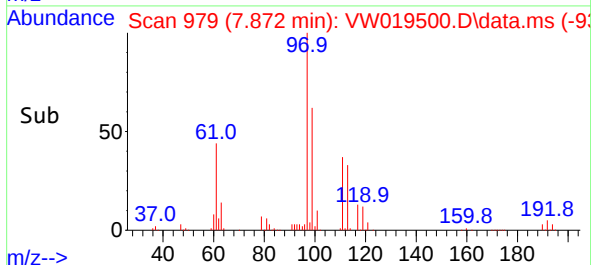
Tgt Ion: 56 Resp: 283666
Ion Ratio Lower Upper
56 100
69 35.4 28.3 42.5
84 85.1 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 50.415 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



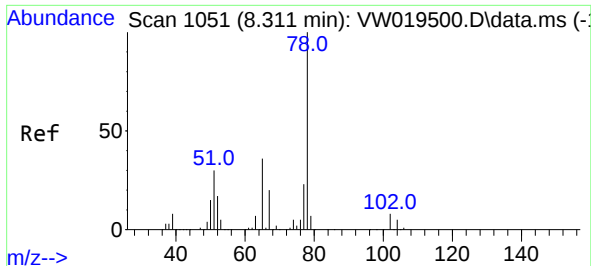
Tgt Ion: 97 Resp: 229404
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 45.6 36.5 54.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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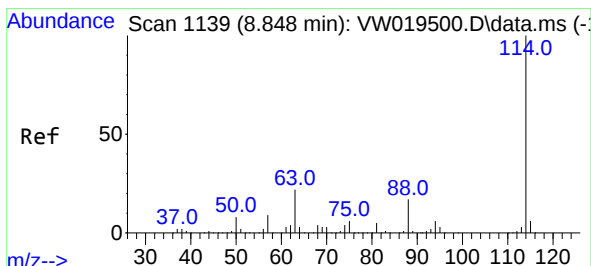
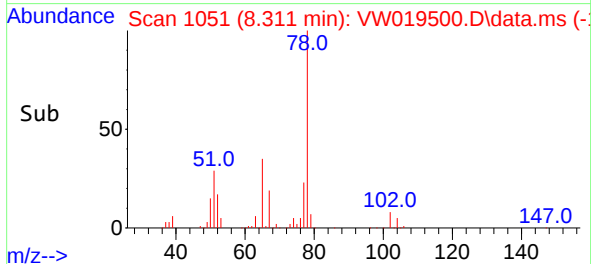
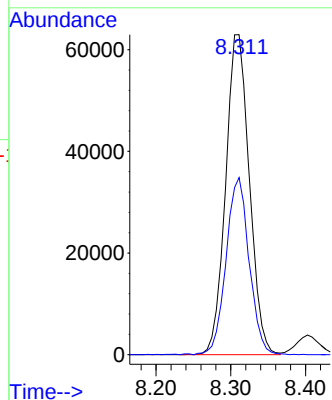
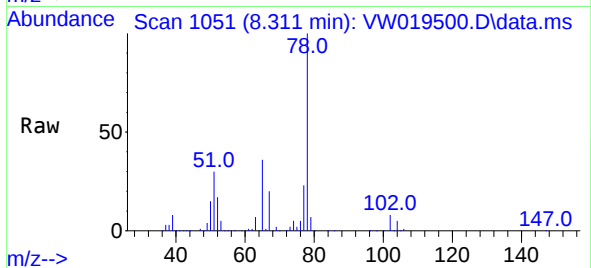
#33
1,2-Dichloroethane-d4
Concen: 45.025 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 65 Resp: 138929
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

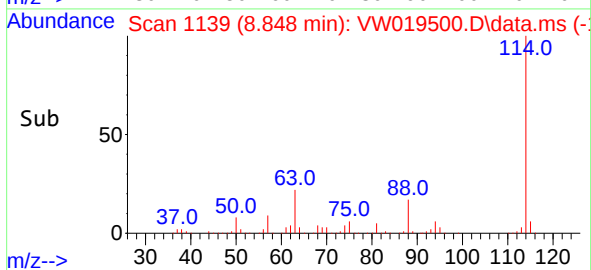
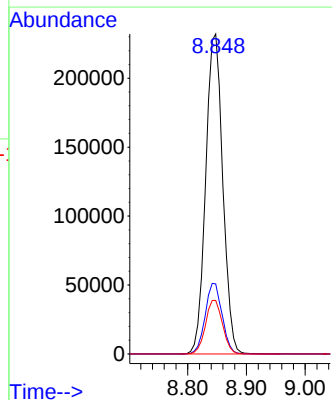
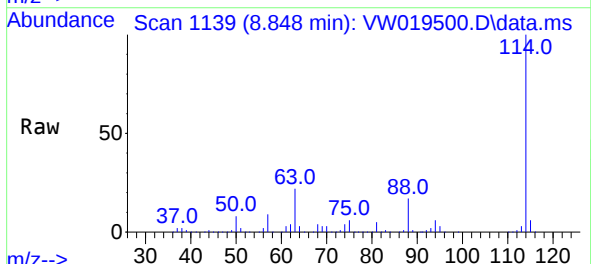
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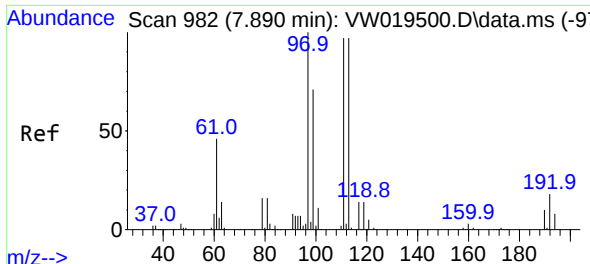
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

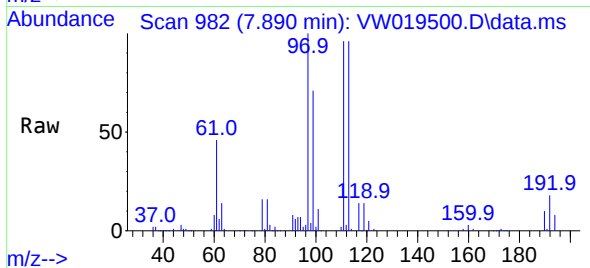
Tgt Ion: 114 Resp: 469186
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 16.7 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.666 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

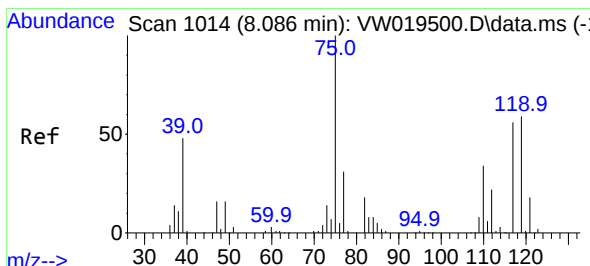
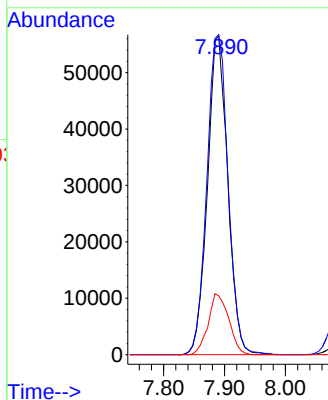
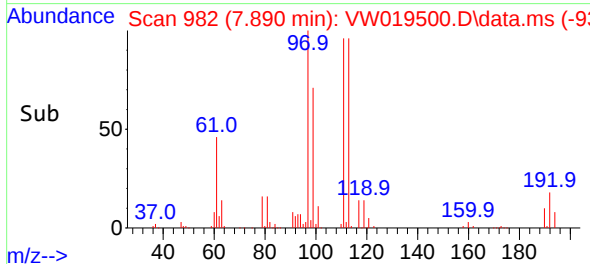
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



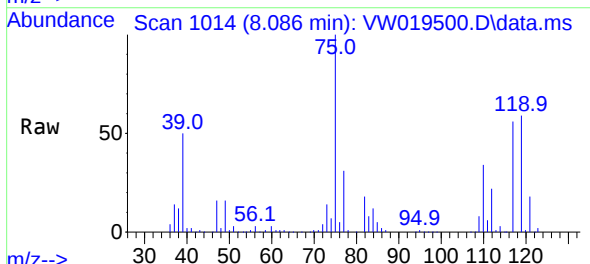
Tgt Ion:113 Resp: 130903
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 19.3 15.4 23.2

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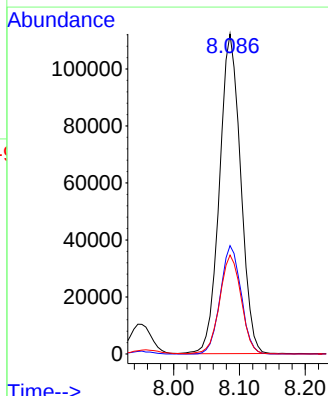
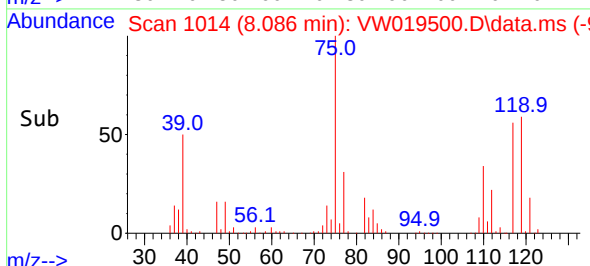
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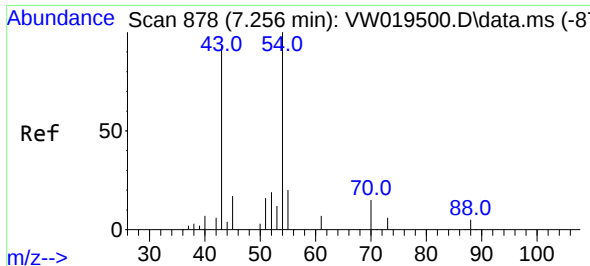


#36
1,1-Dichloropropene
Concen: 50.206 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



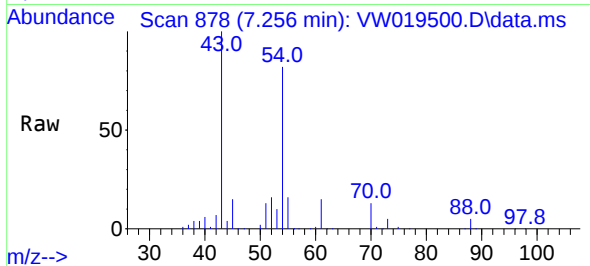
Tgt Ion: 75 Resp: 251123
Ion Ratio Lower Upper
75 100
110 33.1 16.6 49.7
77 31.4 25.1 37.7



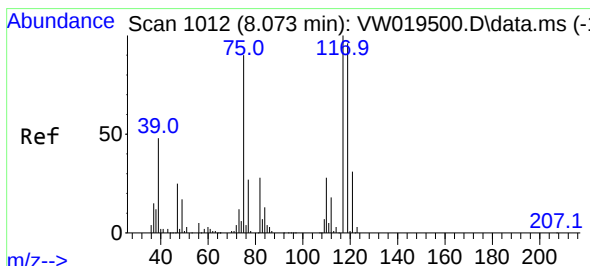
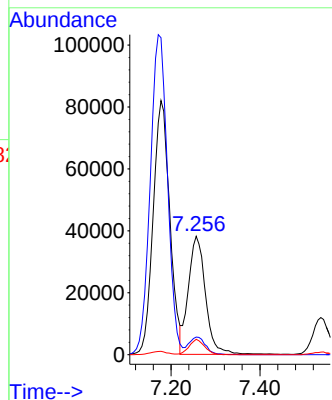
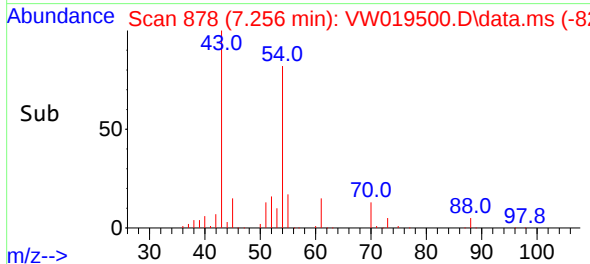


#37
Ethyl Acetate
Concen: 48.730 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

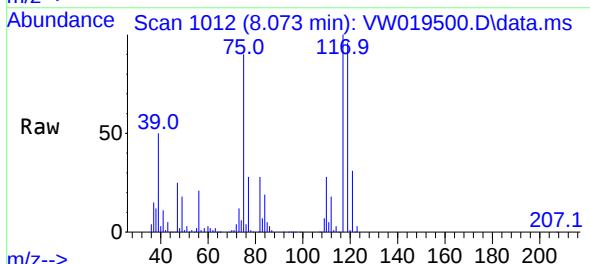
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



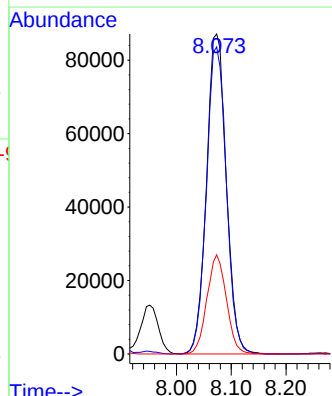
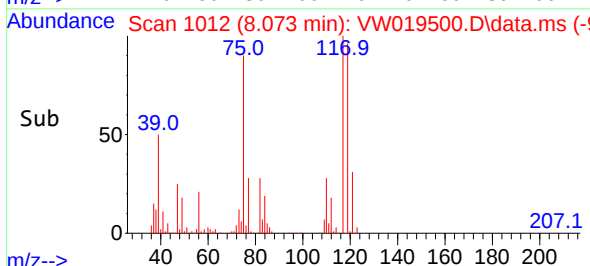
Tgt Ion: 43 Resp: 102150
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.7 9.4 14.0

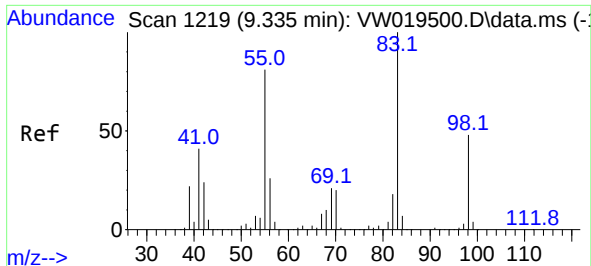


#38
Carbon Tetrachloride
Concen: 49.976 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



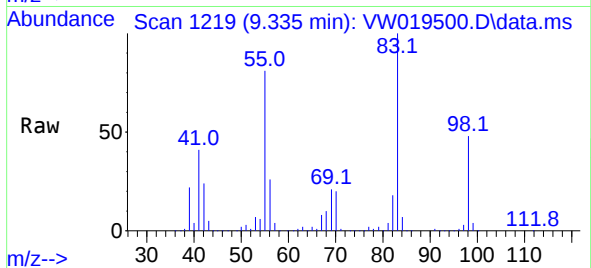
Tgt Ion: 117 Resp: 218375
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
121 31.0 24.8 37.2





#39
Methylcyclohexane
Concen: 51.204 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

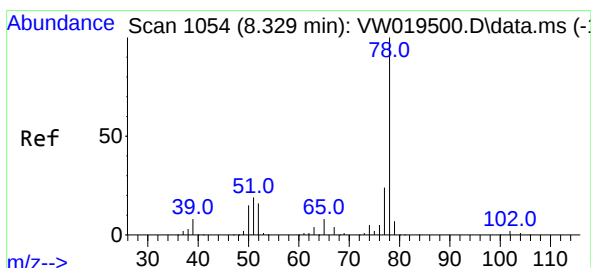
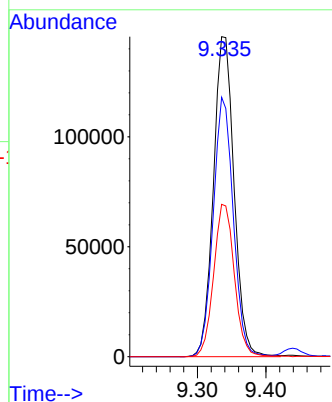
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



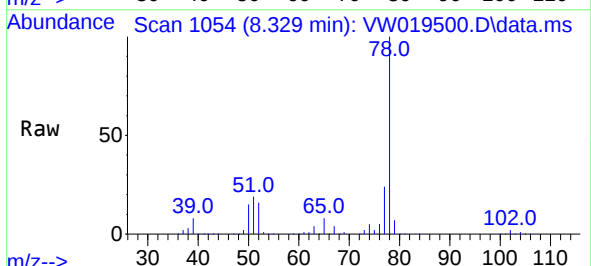
Tgt Ion: 83 Resp: 304417
Ion Ratio Lower Upper
83 100
55 81.1 64.9 97.3
98 47.6 38.1 57.1

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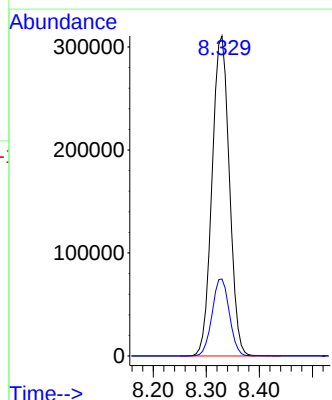
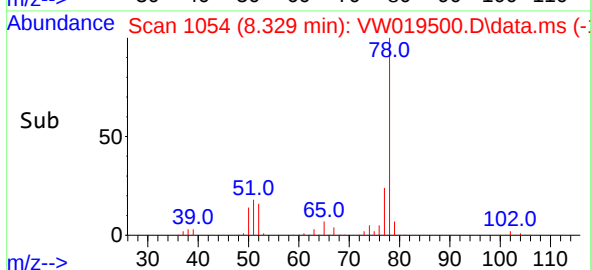
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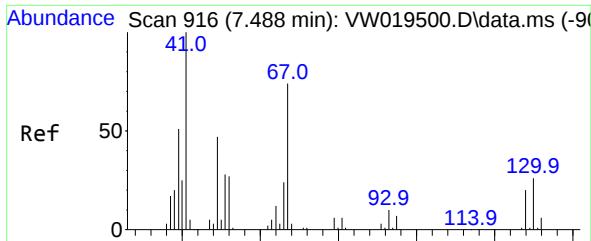


#40
Benzene
Concen: 50.231 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

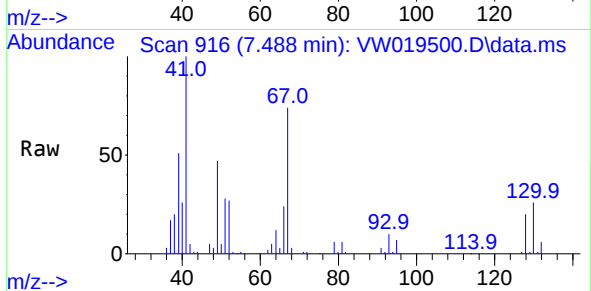


Tgt Ion: 78 Resp: 703197
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



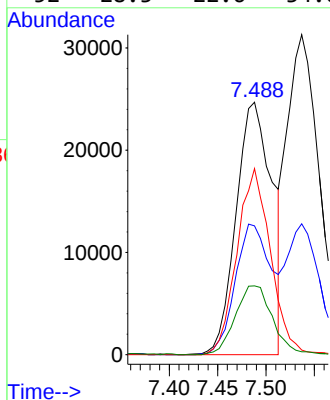


#41
Methacrylonitrile
Concen: 53.670 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion: 41 Resp: 63876

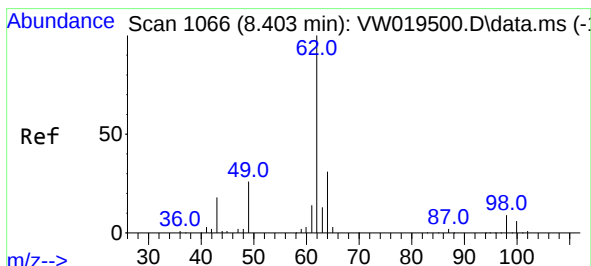
Ion	Ratio	Lower	Upper
41	100		
39	52.0	41.6	62.4
67	69.1	55.3	82.9
52	28.3	22.6	34.0



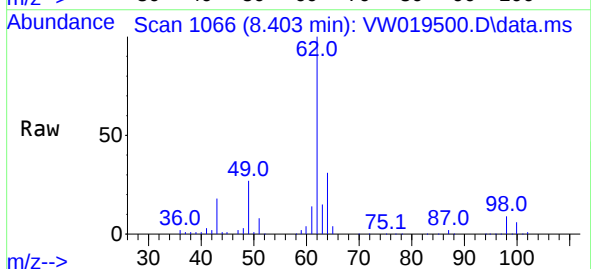
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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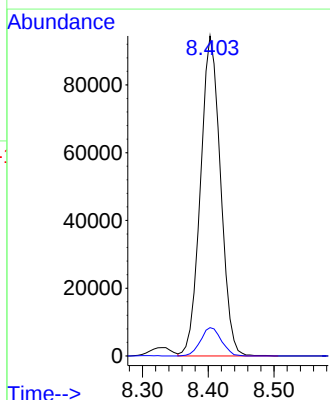
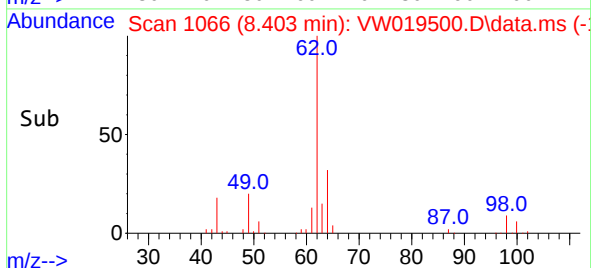


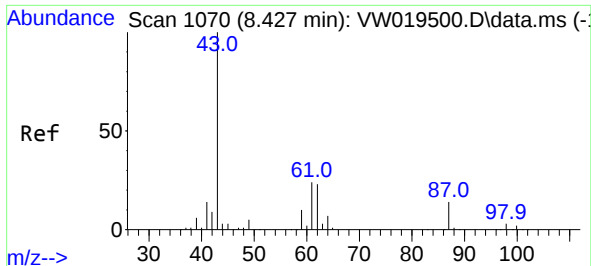
#42
1,2-Dichloroethane
Concen: 49.546 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion: 62 Resp: 200107

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





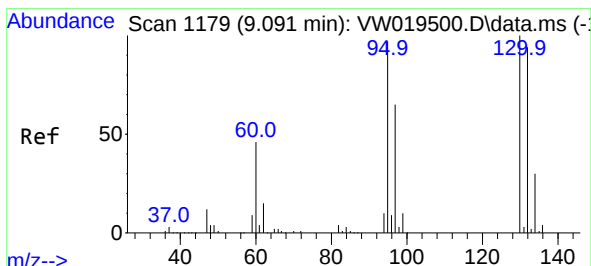
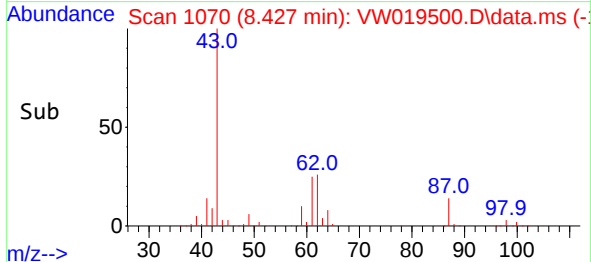
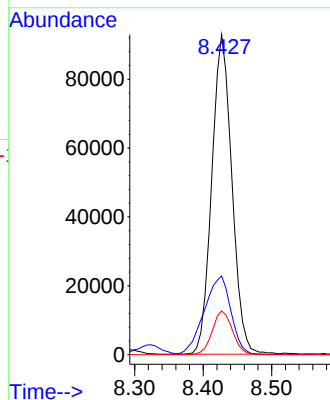
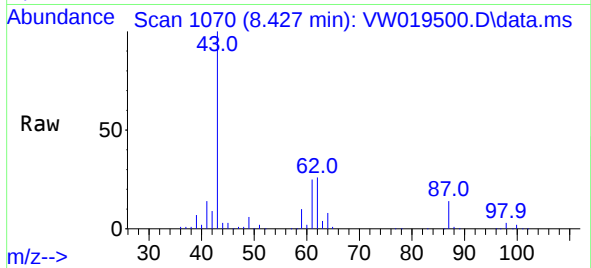
#43
Isopropyl Acetate
Concen: 48.389 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 43 Resp: 189626
Ion Ratio Lower Upper
43 100
61 32.8 26.2 39.4
87 13.8 11.0 16.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

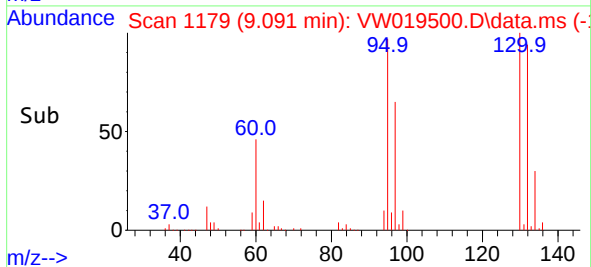
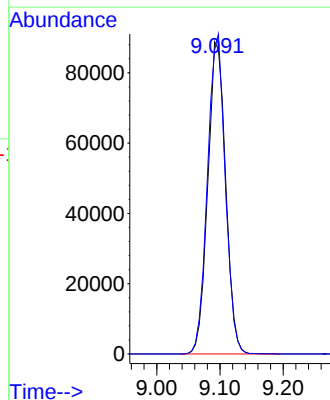
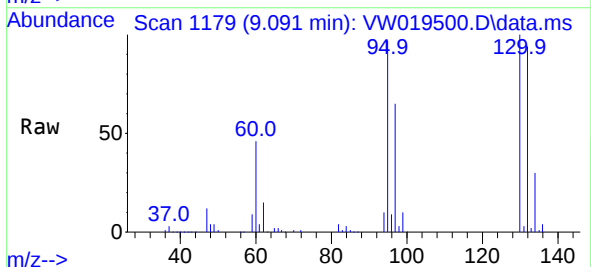
Manual Integrations
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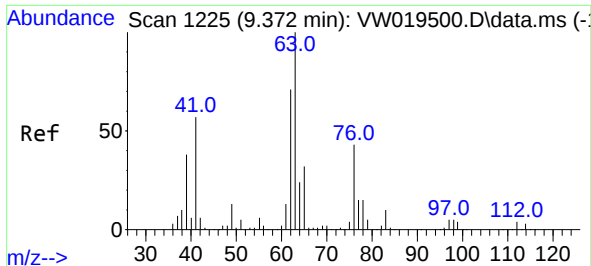
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7/20/2021 5:40:22 PM



#44
Trichloroethene
Concen: 49.429 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:130 Resp: 174377
Ion Ratio Lower Upper
130 100
95 97.3 0.0 194.6





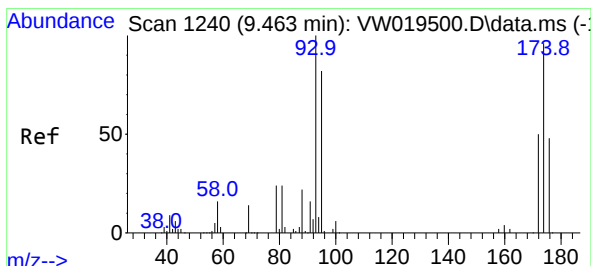
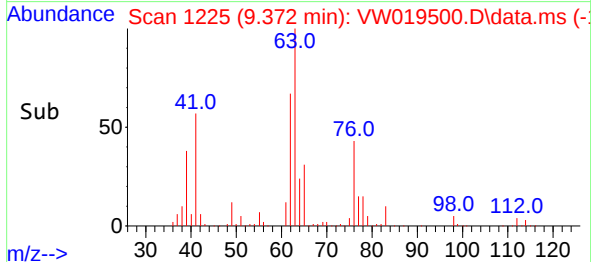
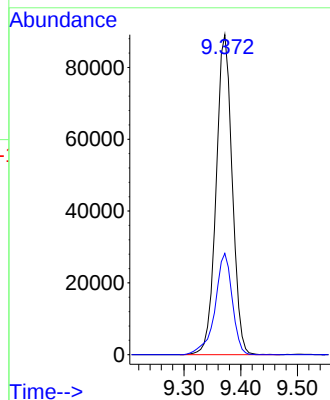
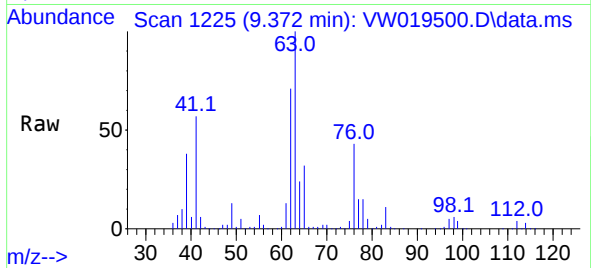
#45
1,2-Dichloropropane
Concen: 49.552 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 63 Resp: 175190
Ion Ratio Lower Upper
63 100
65 31.6 25.3 37.9

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

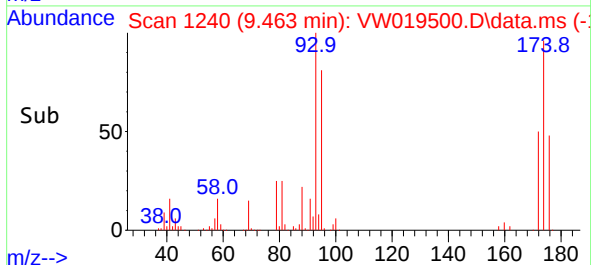
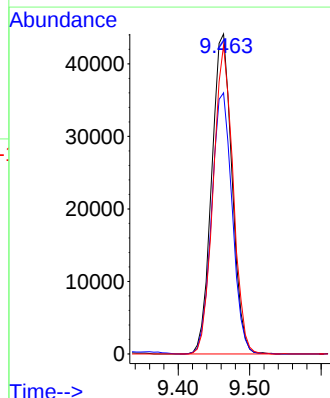
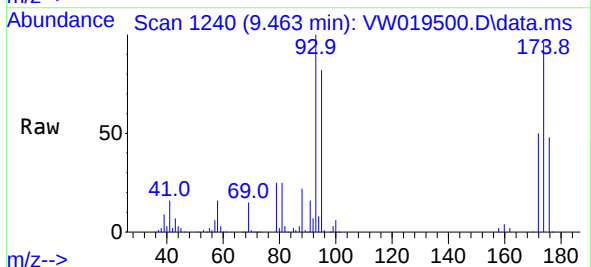
Manual Integrations
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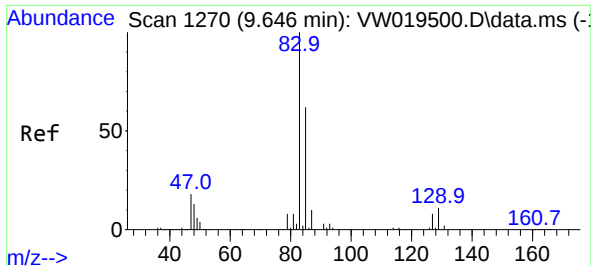
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7/20/2021 5:40:22 PM



#46
Dibromomethane
Concen: 48.615 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

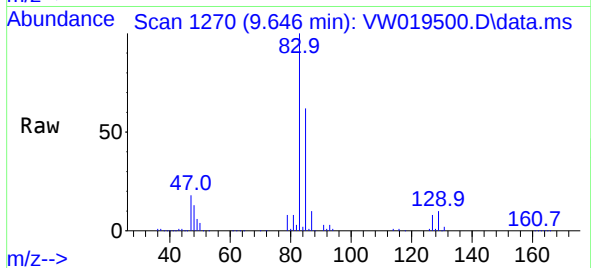
Tgt Ion: 93 Resp: 87186
Ion Ratio Lower Upper
93 100
95 82.5 66.0 99.0
174 93.8 75.0 112.6





#47
Bromodichloromethane
Concen: 50.142 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

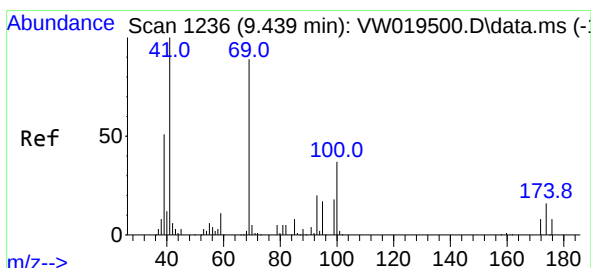
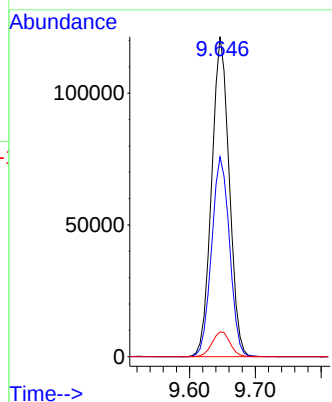
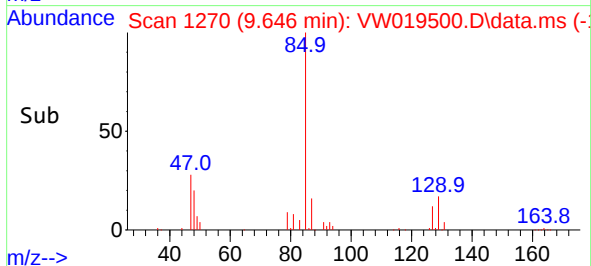
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



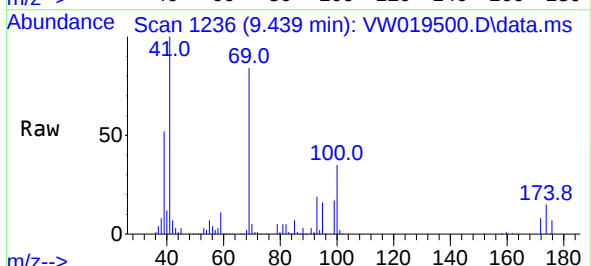
Tgt Ion: 83 Resp: 225868
Ion Ratio Lower Upper
83 100
85 62.4 49.9 74.9
127 7.8 6.2 9.4

Manual Integrations
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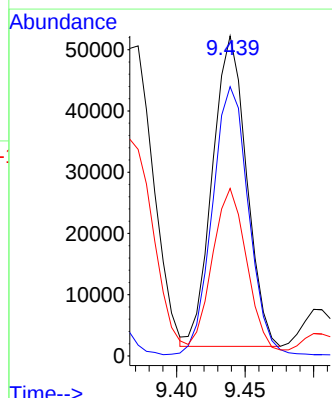
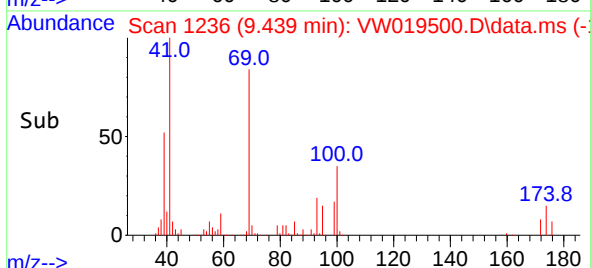
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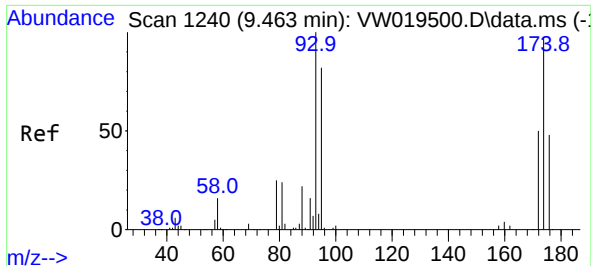


#48
Methyl methacrylate
Concen: 48.895 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



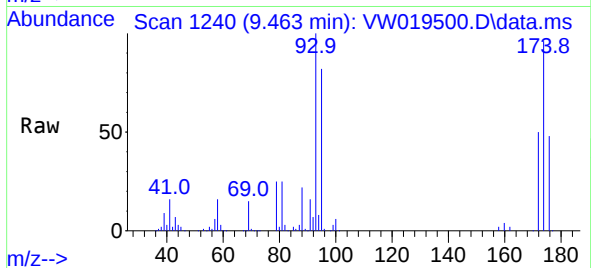
Tgt Ion: 41 Resp: 87791
Ion Ratio Lower Upper
41 100
69 93.1 74.5 111.7
39 51.4 41.1 61.7





#49
1,4-Dioxane
Concen: 981.526 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

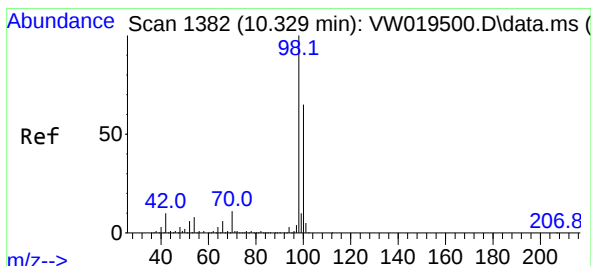
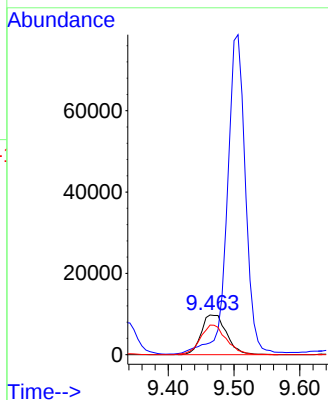
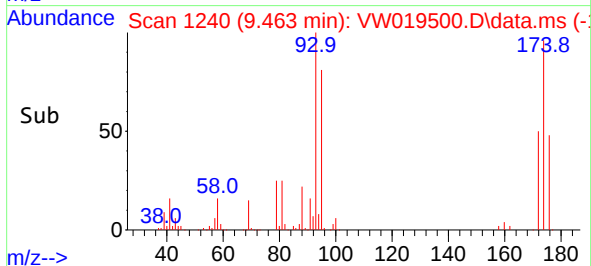
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



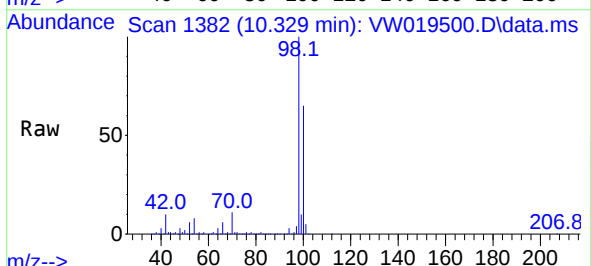
Tgt Ion: 88 Resp: 26042
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.2 61.8 92.6

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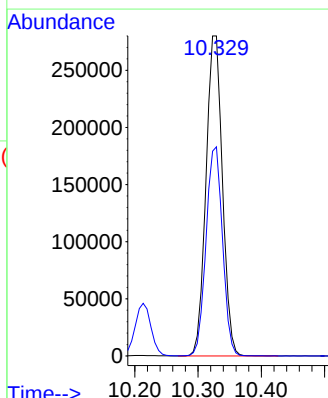
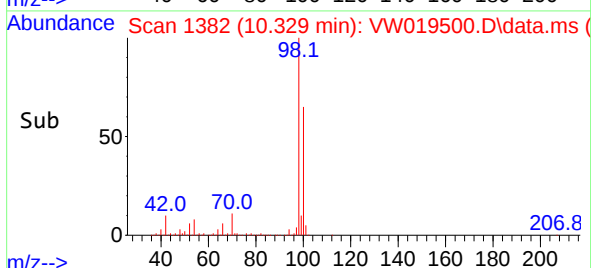
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7/20/2021 5:40:22 PM

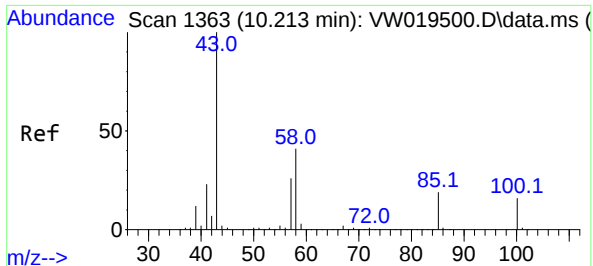


#50
Toluene-d8
Concen: 45.646 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion: 98 Resp: 506605
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





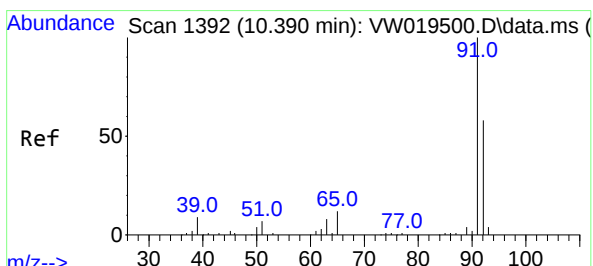
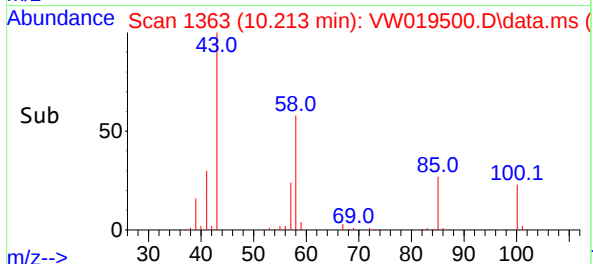
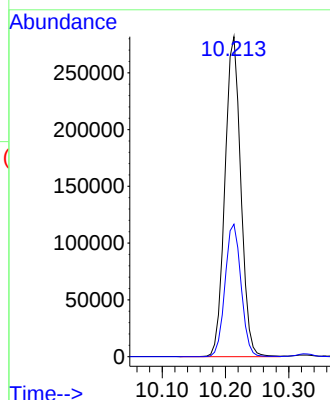
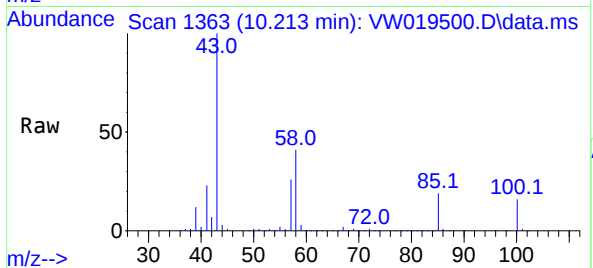
#51
4-Methyl-2-Pentanone
Concen: 242.184 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 489531
Ion Ratio Lower Upper
43 100
58 41.7 33.4 50.0

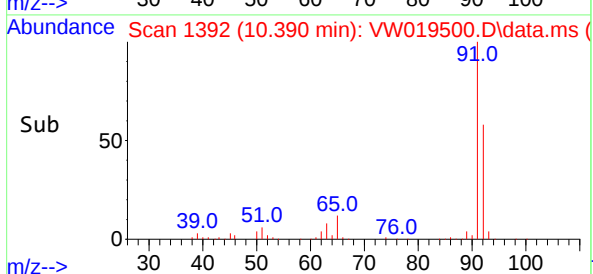
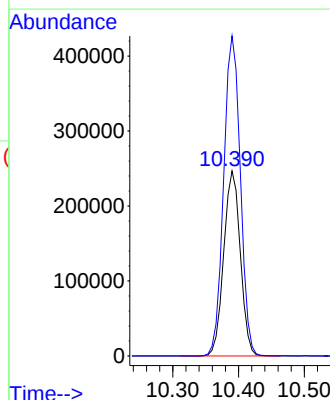
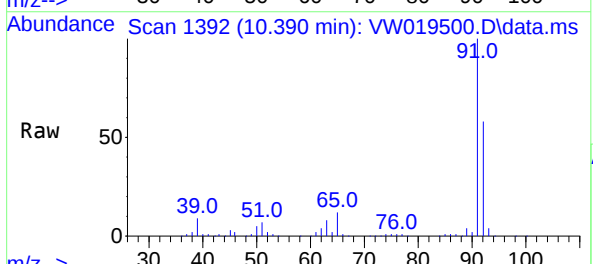
Manual Integrations
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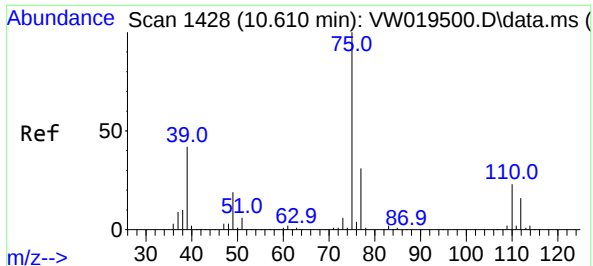
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7/20/2021 5:40:22 PM



#52
Toluene
Concen: 49.813 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 92 Resp: 432864
Ion Ratio Lower Upper
92 100
91 174.1 139.3 208.9





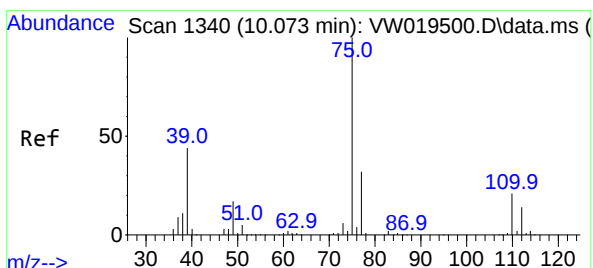
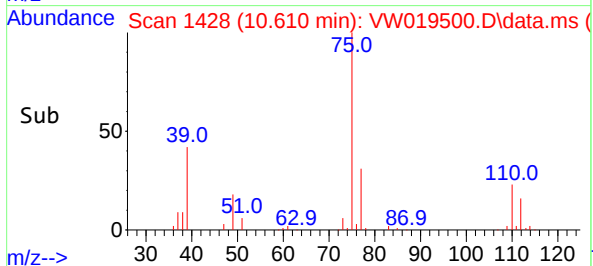
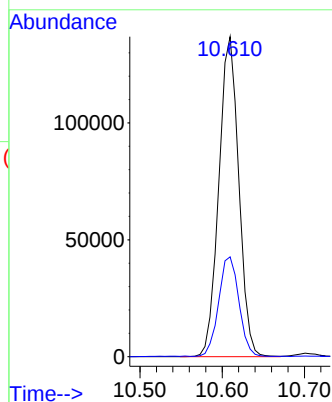
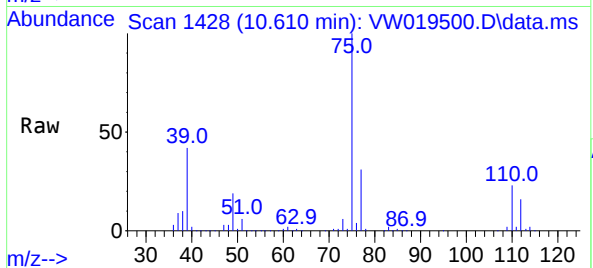
#53
t-1,3-Dichloropropene
Concen: 50.183 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 75 Resp: 230586
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

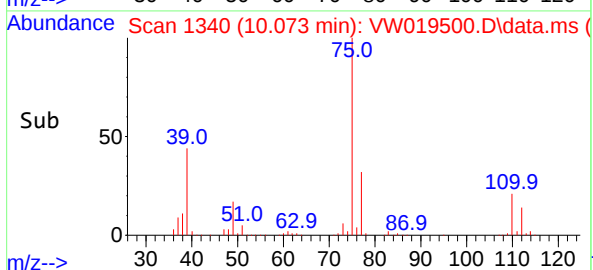
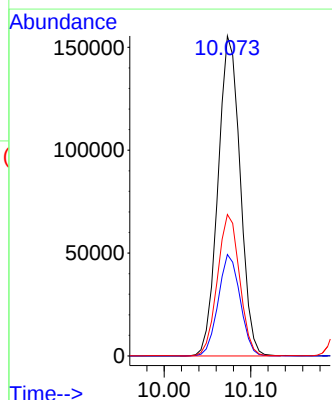
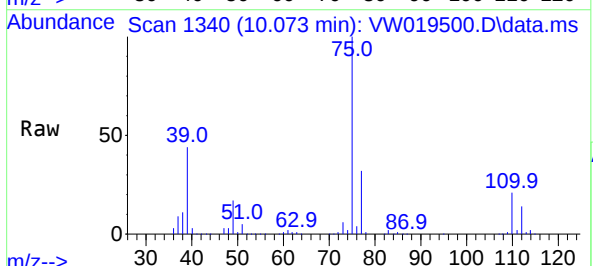
Manual Integrations
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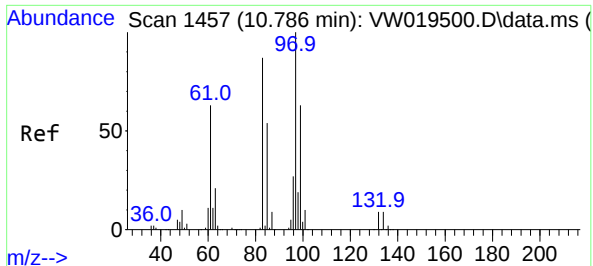
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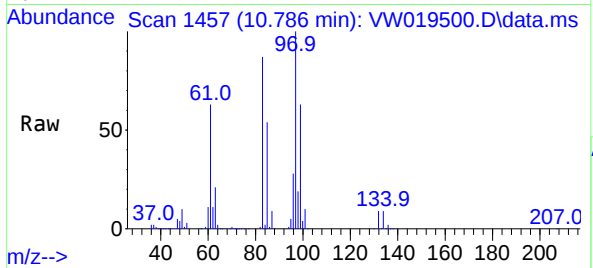
#54
cis-1,3-Dichloropropene
Concen: 50.531 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 75 Resp: 276276
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 44.1 35.3 52.9

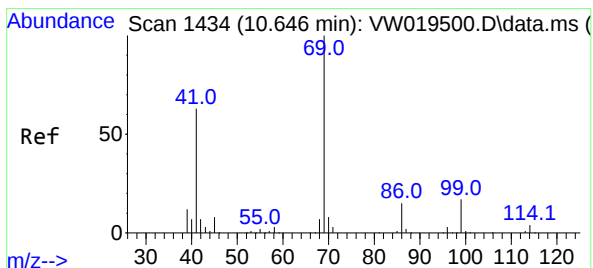
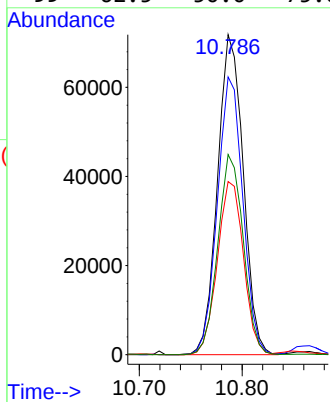
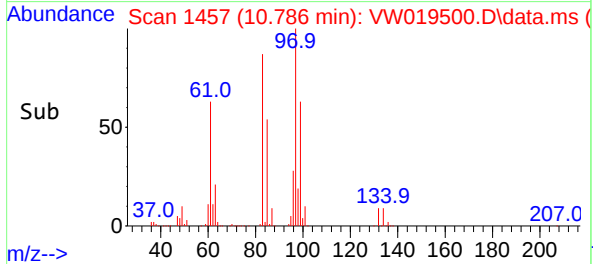




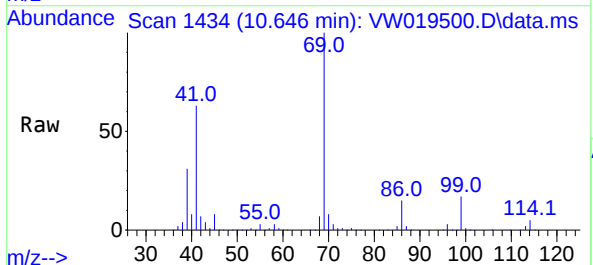
#55
1,1,2-Trichloroethane
Concen: 49.380 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



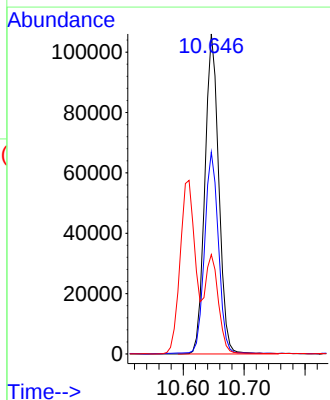
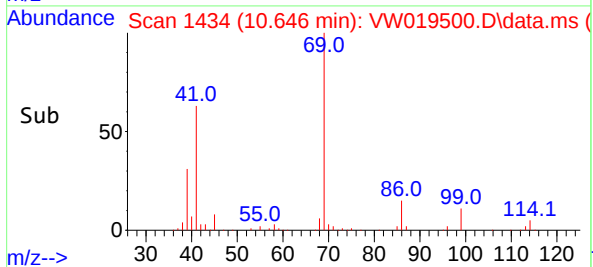
Tgt Ion: 97 Resp: 124725
Ion Ratio Lower Upper
97 100
83 86.8 69.4 104.2
85 54.1 43.3 64.9
99 62.5 50.0 75.0



#56
Ethyl methacrylate
Concen: 50.854 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



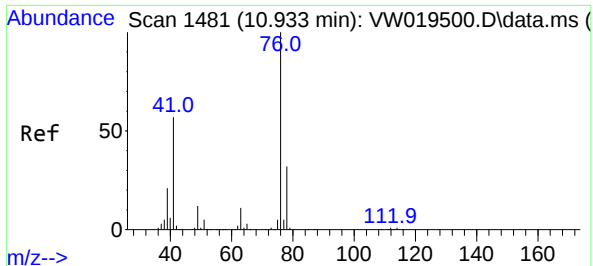
Tgt Ion: 69 Resp: 168186
Ion Ratio Lower Upper
69 100
41 63.8 51.0 76.6
39 29.9 23.9 35.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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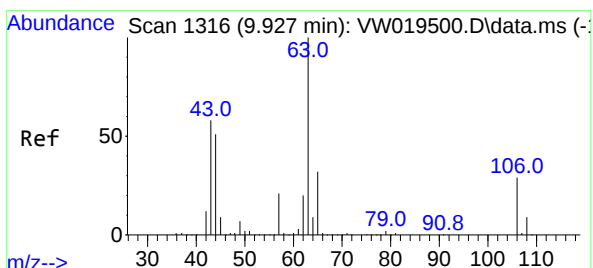
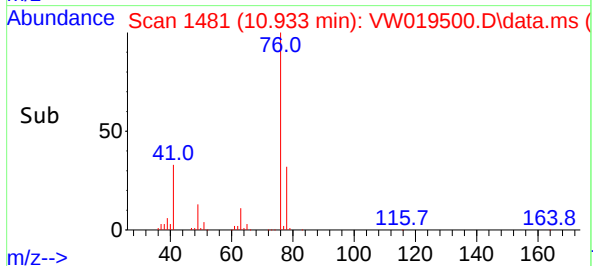
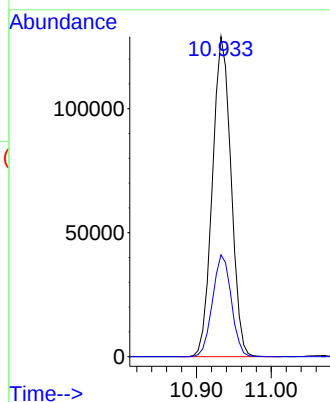
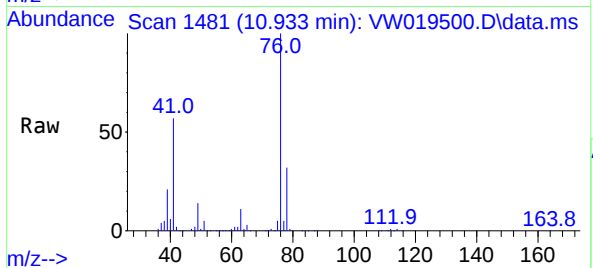
#57
1,3-Dichloropropane
Concen: 48.846 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 76 Resp: 223148
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

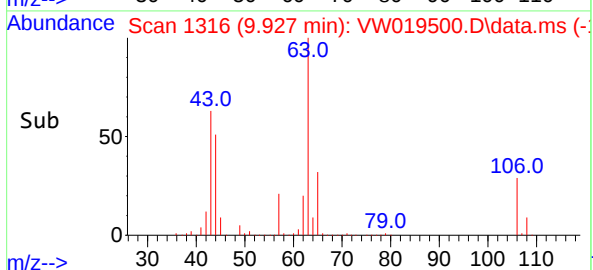
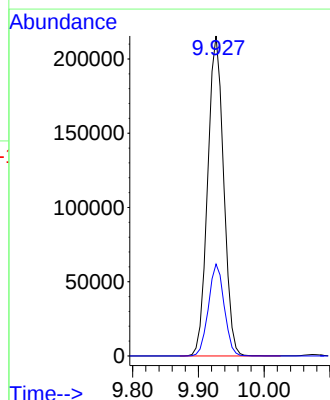
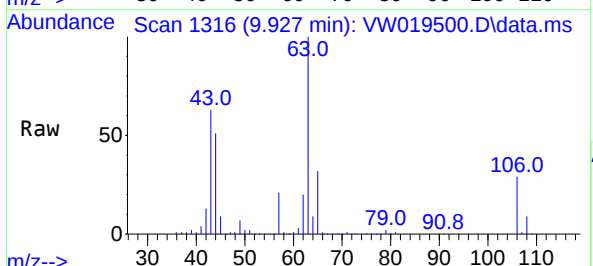
Manual Integrations
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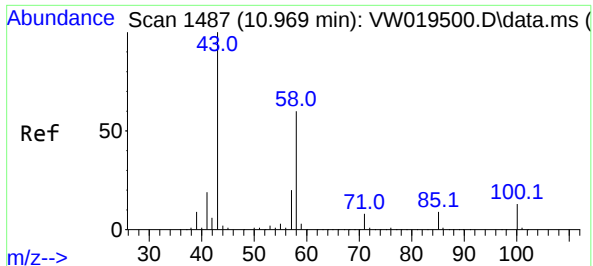
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7/20/2021 5:40:22 PM



#58
2-Chloroethyl Vinyl ether
Concen: 237.852 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 63 Resp: 364047
Ion Ratio Lower Upper
63 100
106 28.2 22.6 33.8





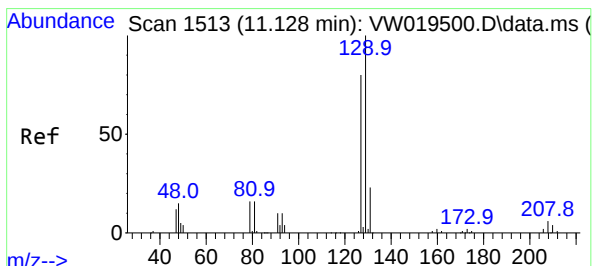
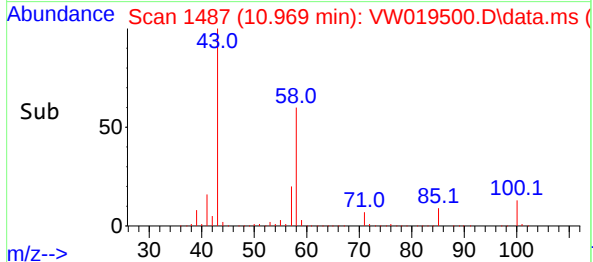
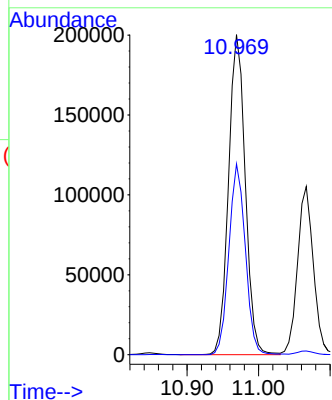
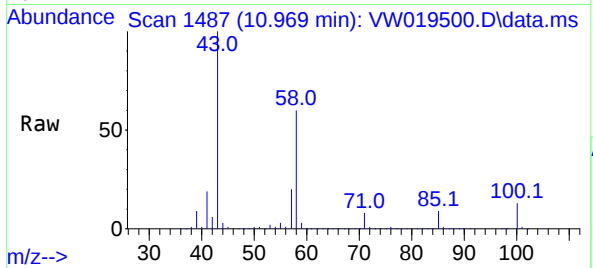
#59
2-Hexanone
Concen: 242.705 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion: 43 Resp: 325486
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

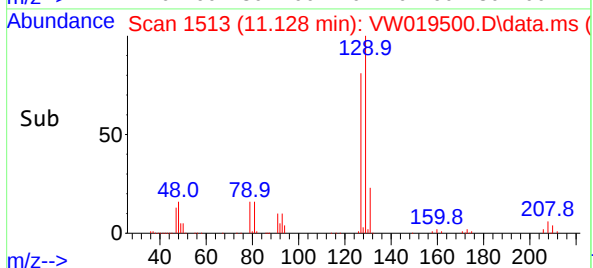
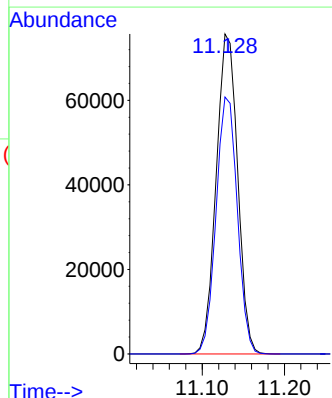
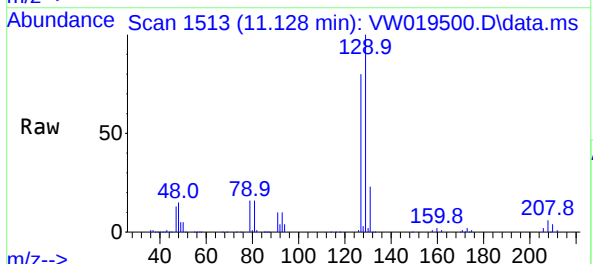
Manual Integrations
APPROVED

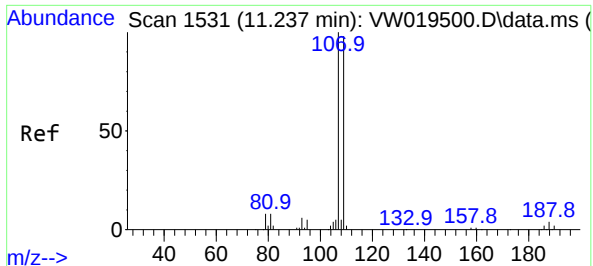
MMDadoda
7/20/2021 5:40:22 PM



#60
Dibromochloromethane
Concen: 49.419 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

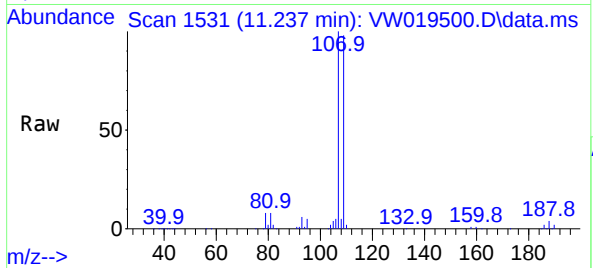
Tgt Ion: 129 Resp: 137145
Ion Ratio Lower Upper
129 100
127 79.6 39.8 119.4





#61
1,2-Dibromoethane
Concen: 48.779 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

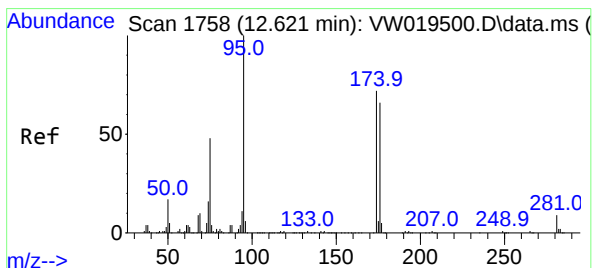
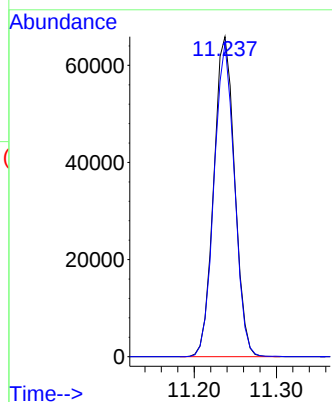
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



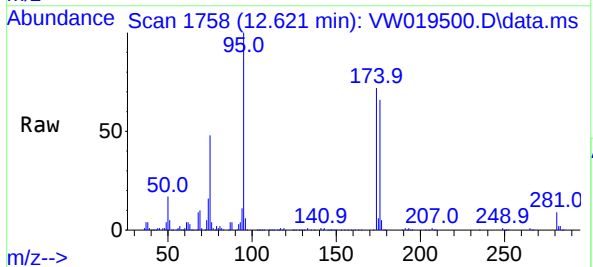
Tgt Ion:107 Resp: 116311
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

Manual Integrations
APPROVED

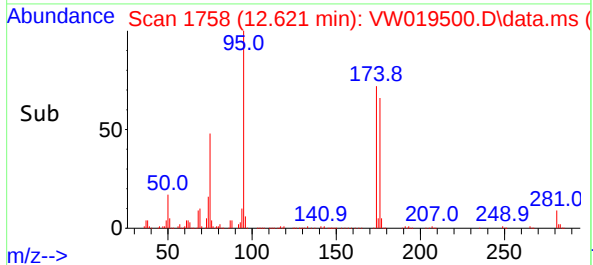
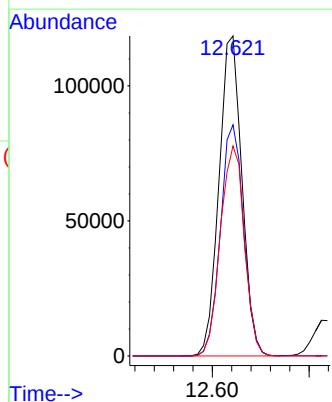
MMDadoda
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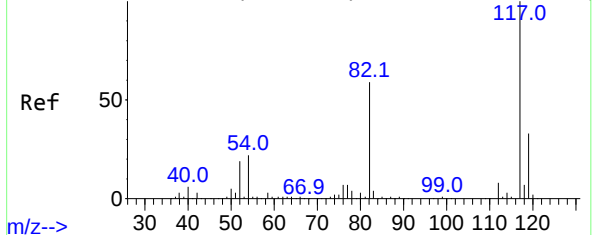
#62
4-Bromofluorobenzene
Concen: 46.732 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



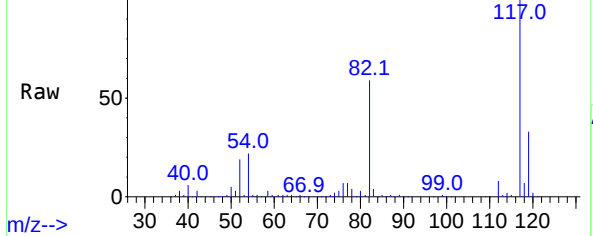
Tgt Ion: 95 Resp: 194551
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 68.4 0.0 136.8



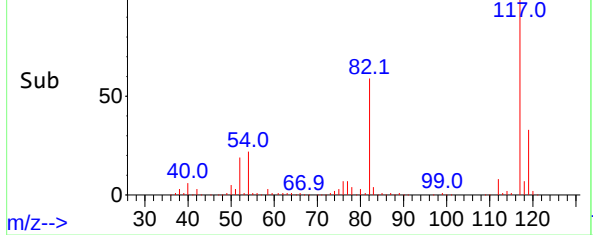
Abundance Scan 1596 (11.634 min): VW019500.D\data.ms (



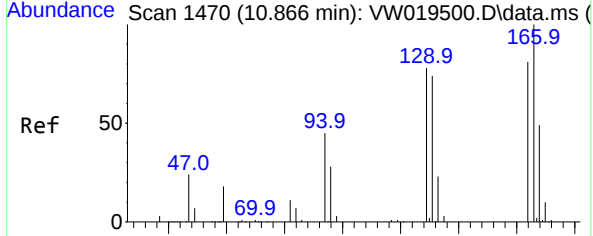
m/z--> Abundance Scan 1596 (11.634 min): VW019500.D\data.ms



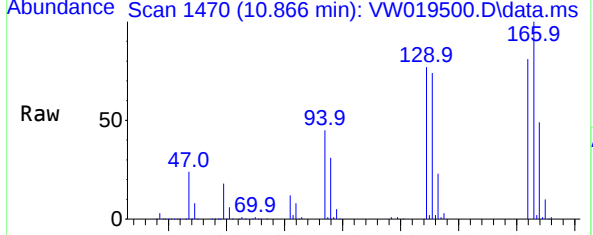
m/z--> Abundance Scan 1596 (11.634 min): VW019500.D\data.ms (



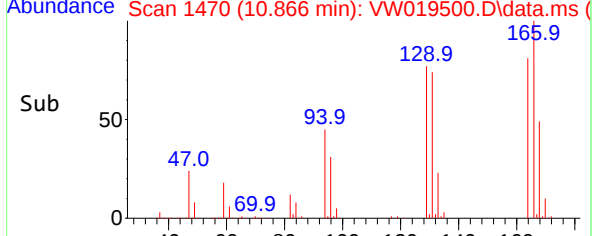
m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms



m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (

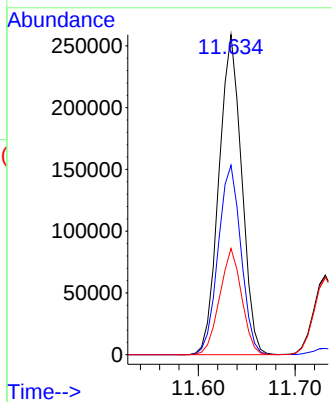
m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019500.D\data.ms (

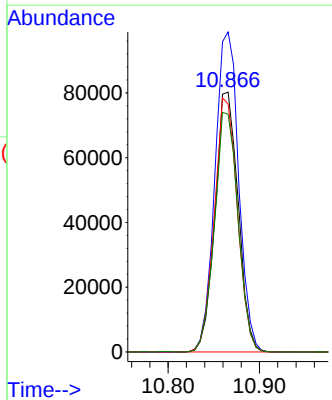
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:117 Resp: 422483
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 33.2 26.6 39.8



#64
Tetrachloroethene
Concen: 49.818 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

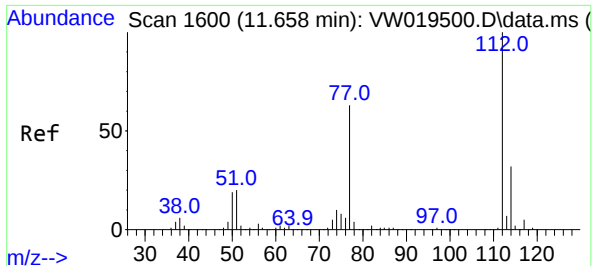
Tgt Ion:164 Resp: 141359
Ion Ratio Lower Upper
164 100
166 123.1 98.5 147.7
129 95.4 76.3 114.5
131 91.4 73.1 109.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

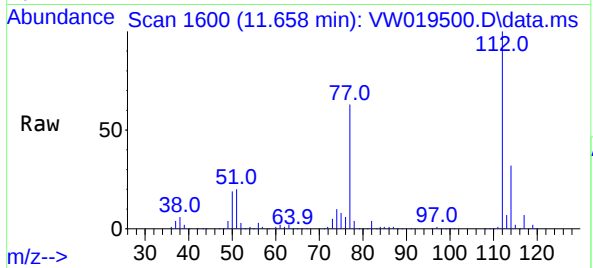
Manual Integrations
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#65
Chlorobenzene
Concen: 49.635 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

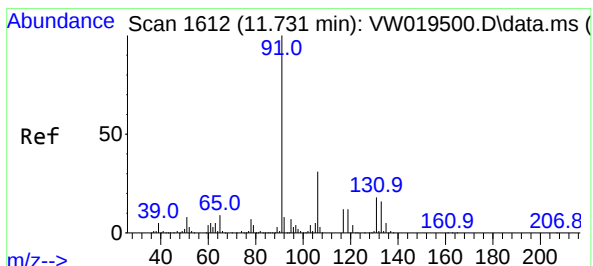
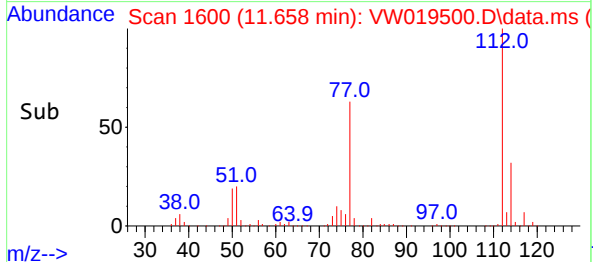
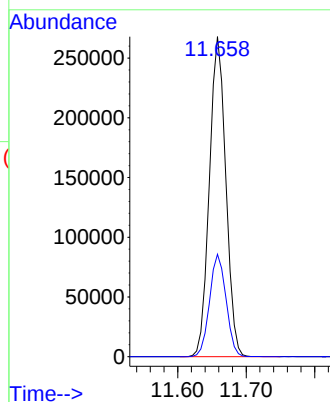
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



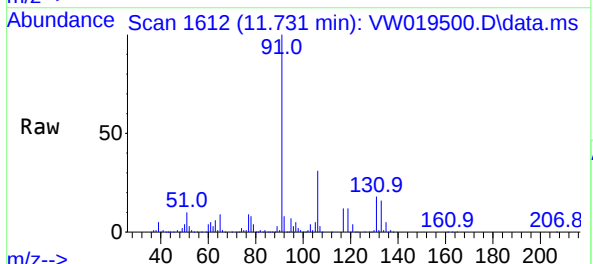
Tgt Ion:112 Resp: 446057
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

Manual Integrations
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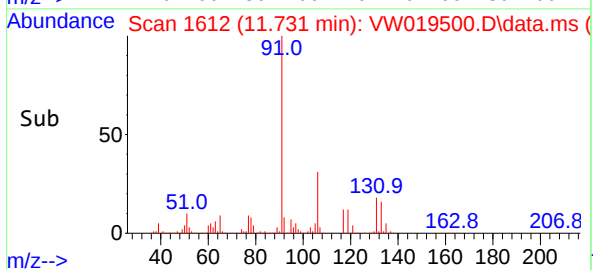
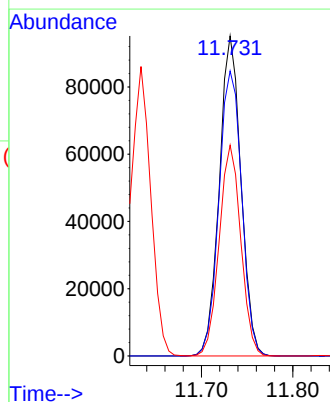
MMDadoda
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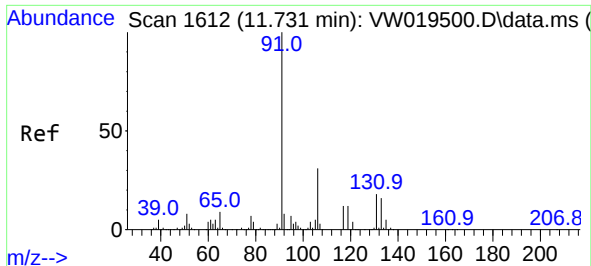


#66
1,1,1,2-Tetrachloroethane
Concen: 50.752 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



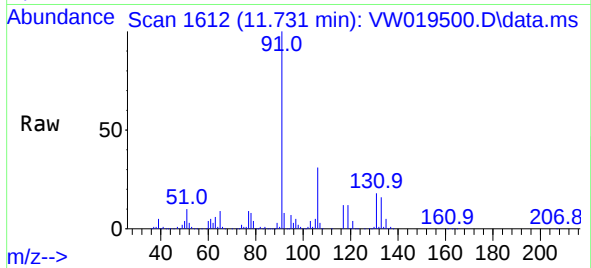
Tgt Ion:131 Resp: 156884
Ion Ratio Lower Upper
131 100
133 93.5 46.8 140.3
119 65.7 32.9 98.6





#67
Ethyl Benzene
Concen: 50.972 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

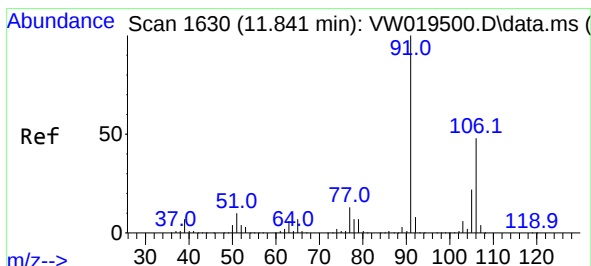
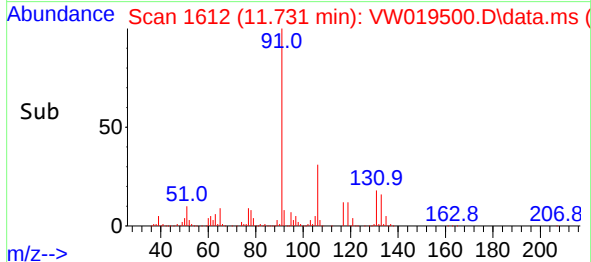
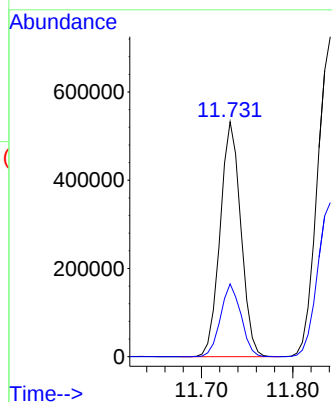
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



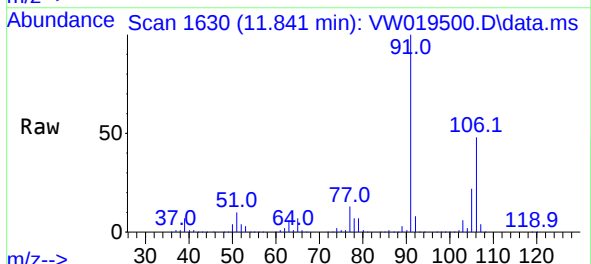
Tgt Ion: 91 Resp: 838540
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

Manual Integrations
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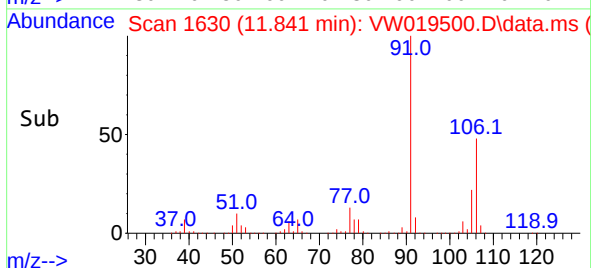
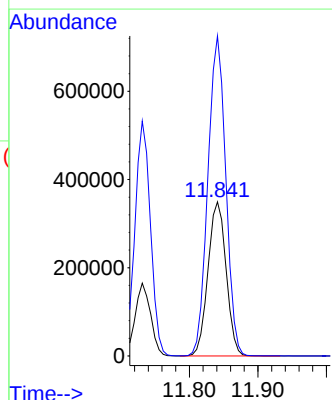
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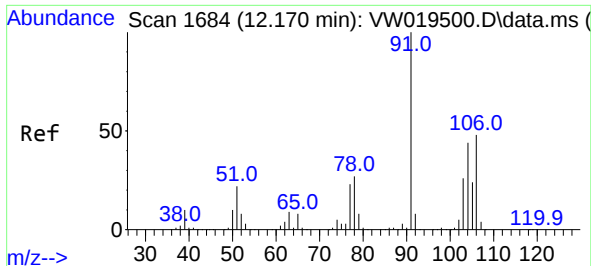


#68
m/p-Xylenes
Concen: 102.148 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion:106 Resp: 642394
Ion Ratio Lower Upper
106 100
91 205.4 164.3 246.5





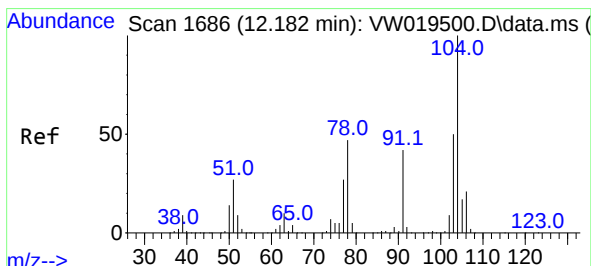
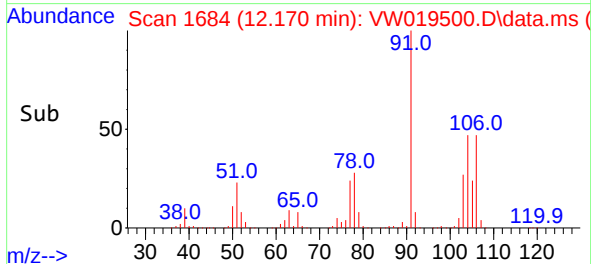
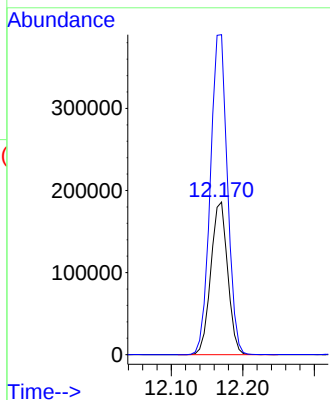
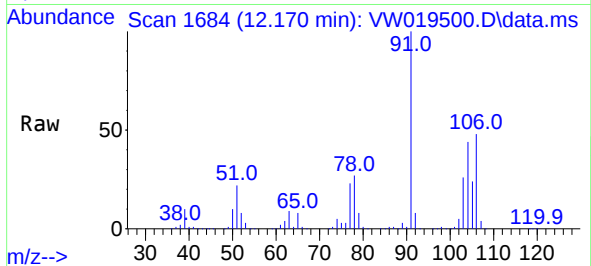
#69
o-Xylene
Concen: 51.626 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 303529
Ion Ratio Lower Upper
106 100
91 213.1 106.5 319.6

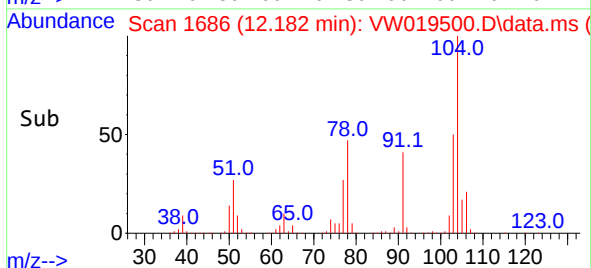
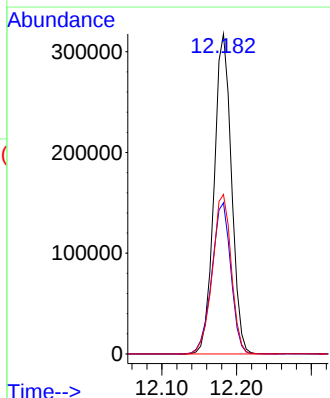
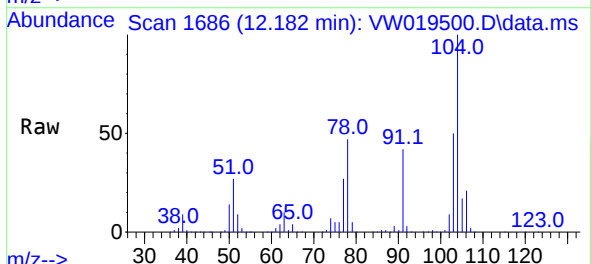
Manual Integrations
APPROVED

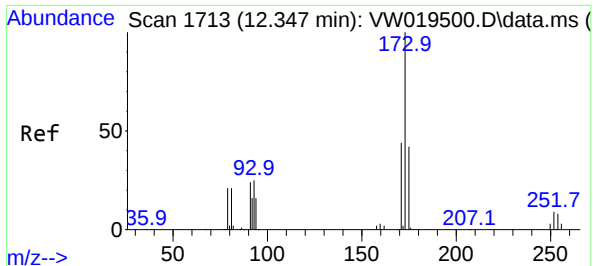
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#70
Styrene
Concen: 51.674 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:104 Resp: 513231
Ion Ratio Lower Upper
104 100
78 51.7 41.4 62.0
103 54.1 43.3 64.9





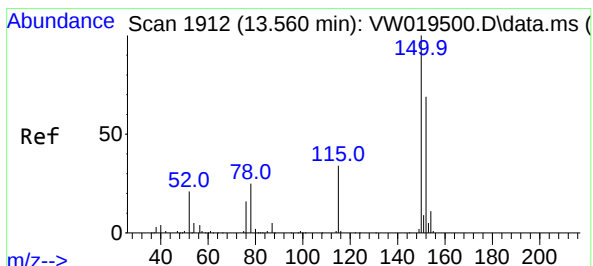
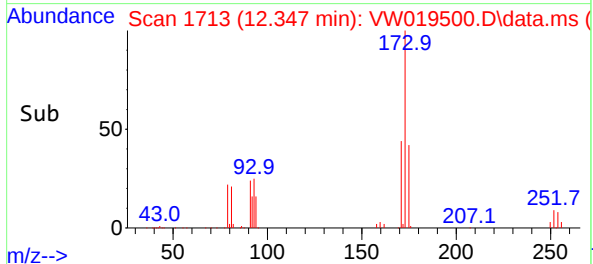
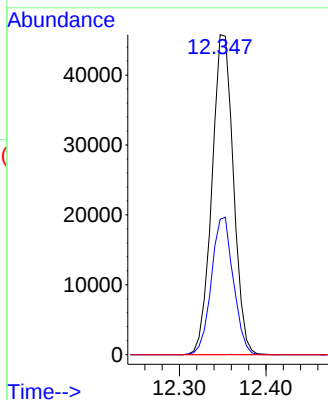
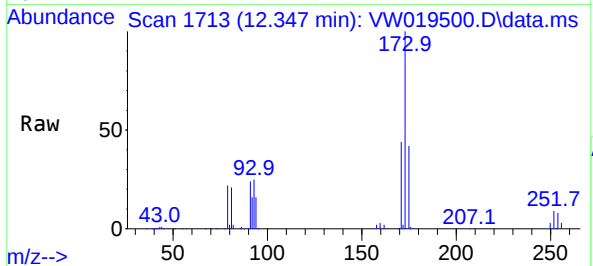
#71
Bromoform
Concen: 51.167 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:	173	Resp:	78856
Ion Ratio	Lower	Upper	
173	100		
175	43.9	21.9	65.8
254	0.0	0.0	0.0#

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

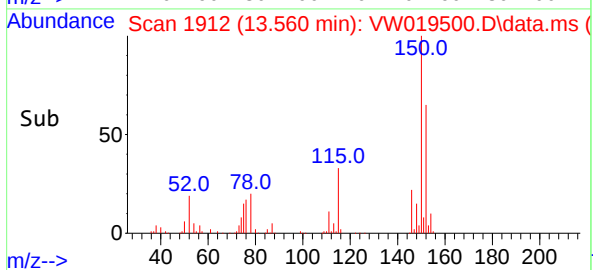
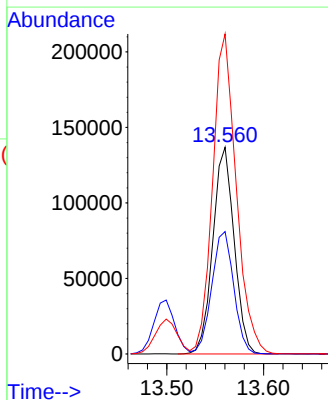
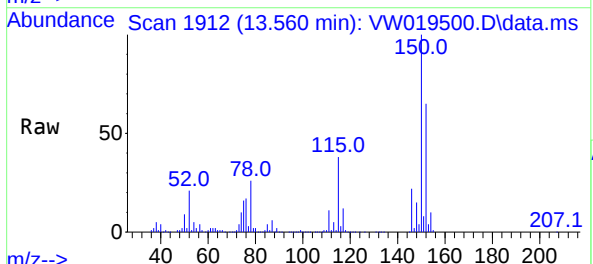
Manual Integrations
APPROVED

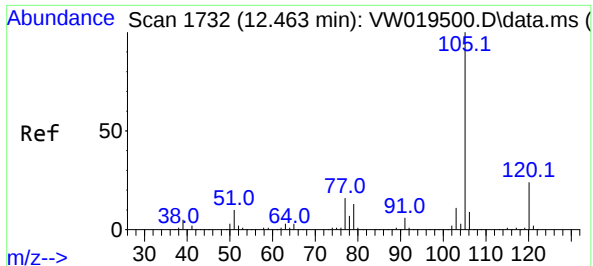
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:	152	Resp:	209788
Ion Ratio	Lower	Upper	
152	100		
115	61.2	30.6	91.8
150	171.2	0.0	342.4





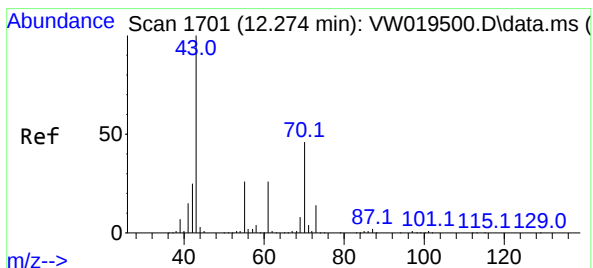
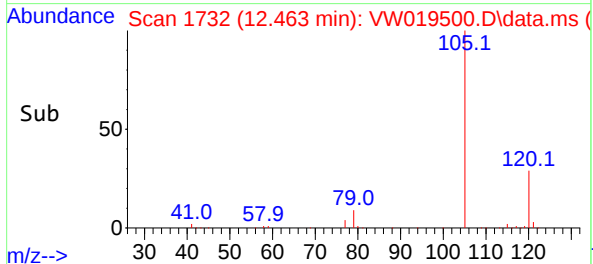
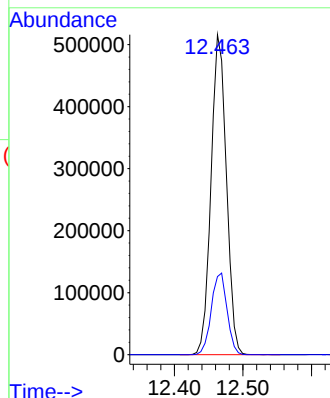
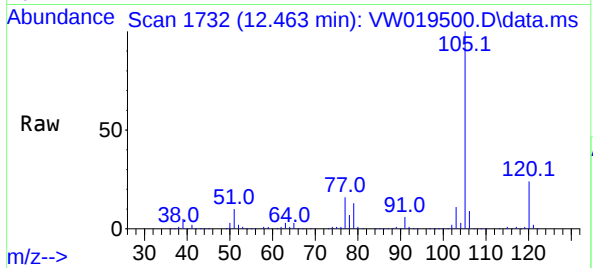
#73
Isopropylbenzene
Concen: 50.363 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 802753
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

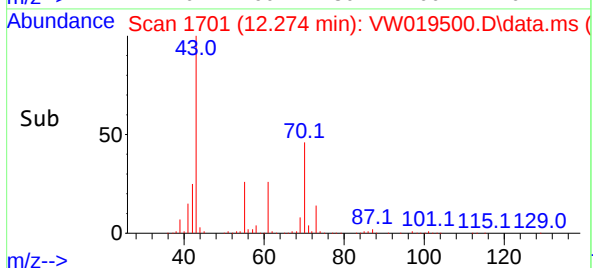
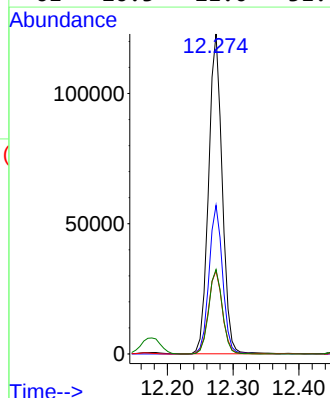
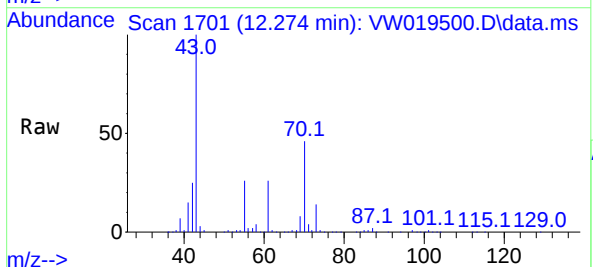
Manual Integrations
APPROVED

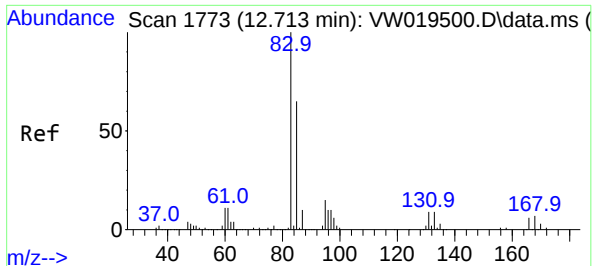
MMDadoda
7/20/2021 5:40:22 PM



#74
N-ethyl acetate
Concen: 48.542 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

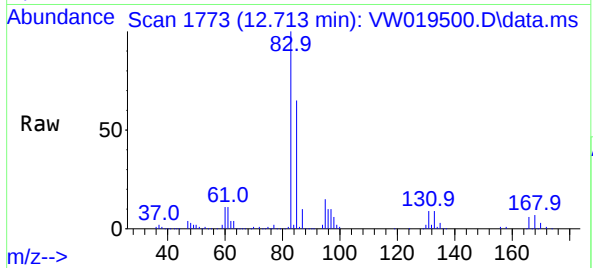
Tgt Ion: 43 Resp: 177028
Ion Ratio Lower Upper
43 100
70 46.2 37.0 55.4
55 26.6 21.3 31.9
61 26.3 21.0 31.6





#75
1,1,2,2-Tetrachloroethane
Concen: 47.440 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

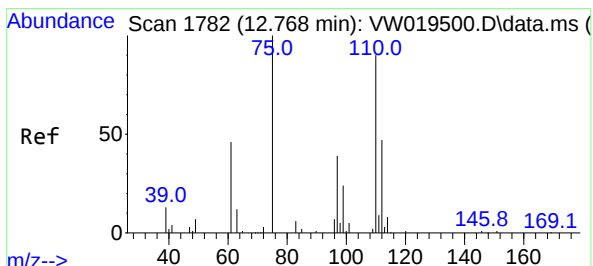
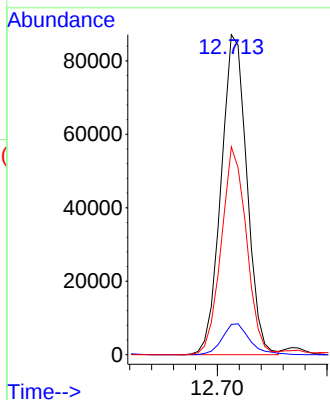
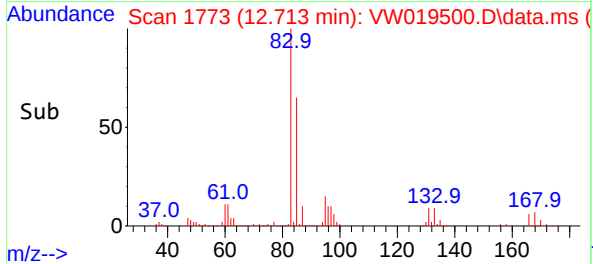
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



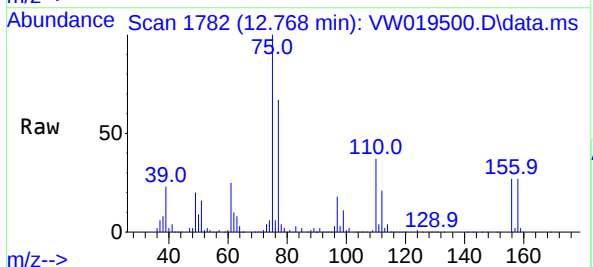
Tgt Ion: 83 Resp: 142208
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 63.6 31.8 95.4

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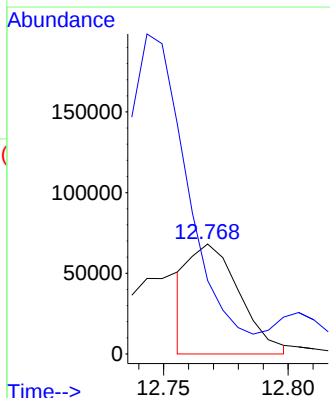
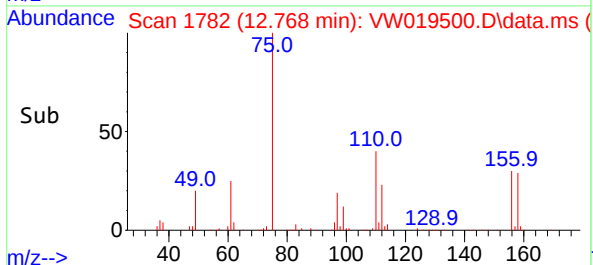
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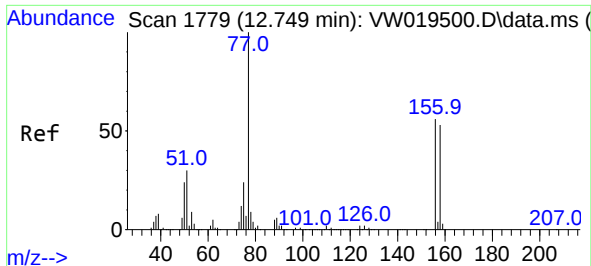


#76
1,2,3-Trichloropropane
Concen: 46.459 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



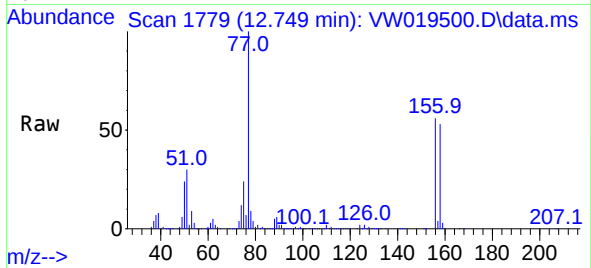
Tgt Ion: 75 Resp: 96328
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.140 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

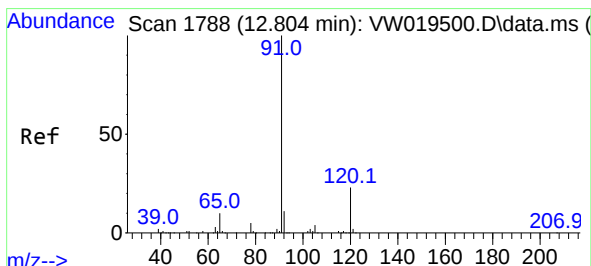
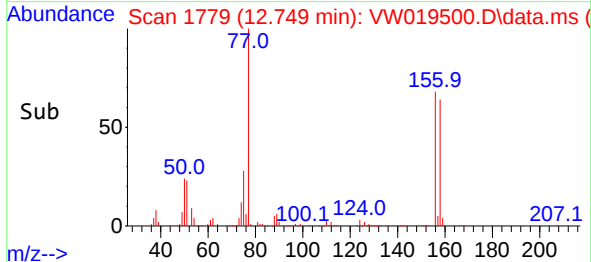
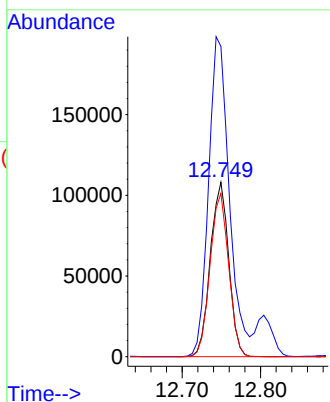
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



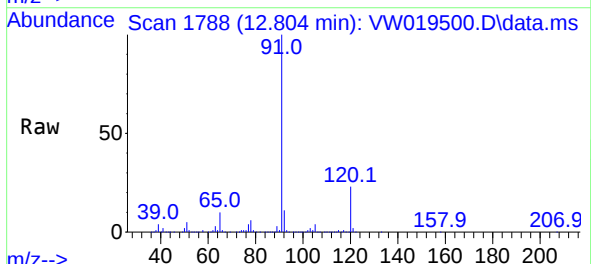
Tgt Ion:156 Resp: 176563
Ion Ratio Lower Upper
156 100
77 205.3 102.6 307.9
158 94.3 47.1 141.4

Manual Integrations
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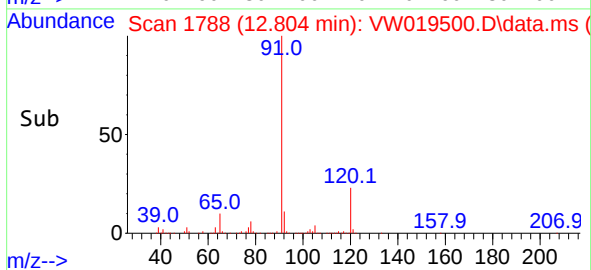
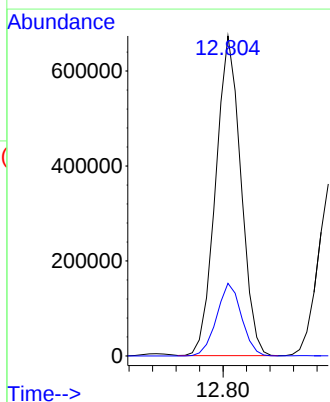
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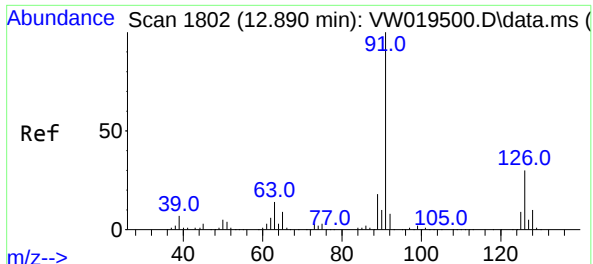


#78
n-propylbenzene
Concen: 50.328 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion: 91 Resp: 1002941
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6





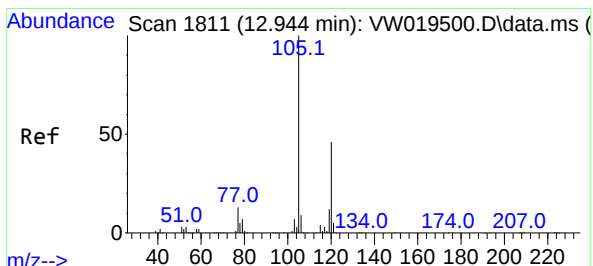
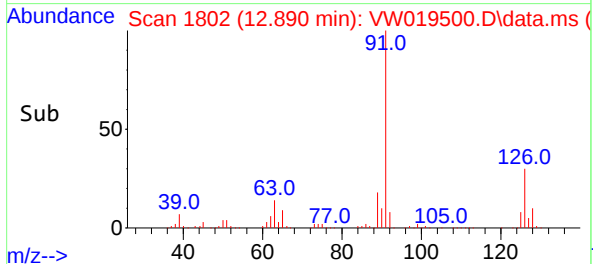
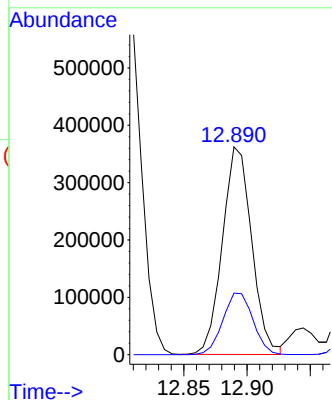
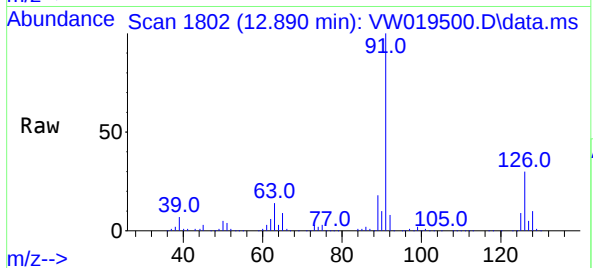
#79
2-Chlorotoluene
Concen: 49.850 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 584077
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

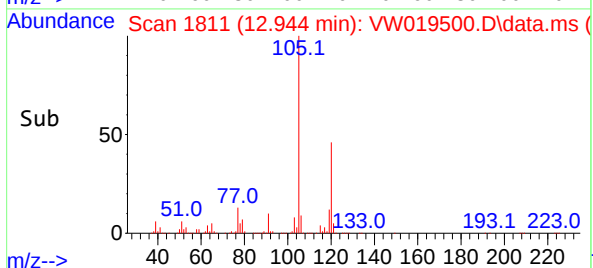
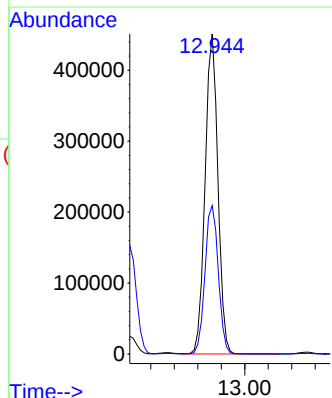
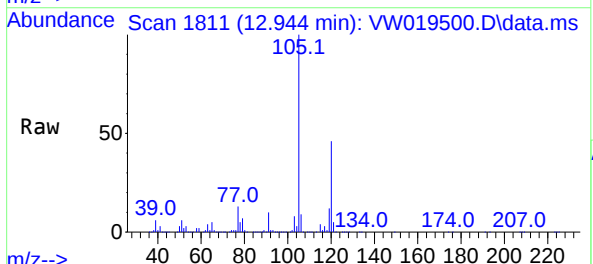
Manual Integrations
APPROVED

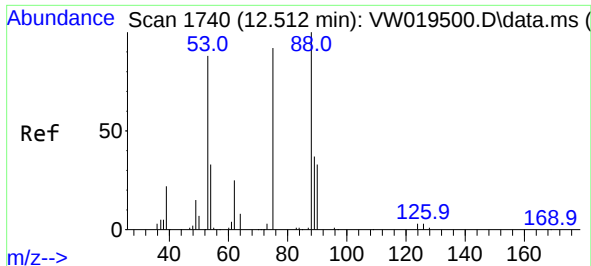
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#80
1,3,5-Trimethylbenzene
Concen: 50.253 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

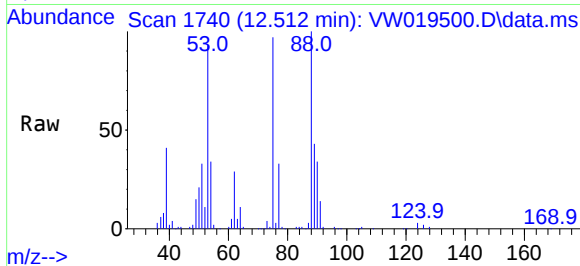
Tgt Ion: 105 Resp: 683046
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.900 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

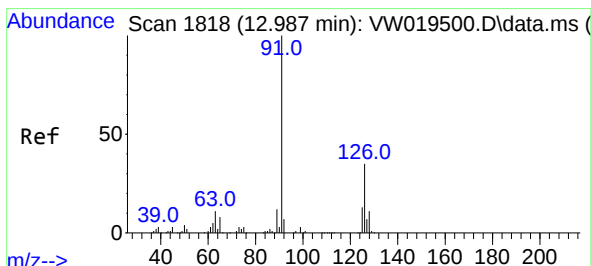
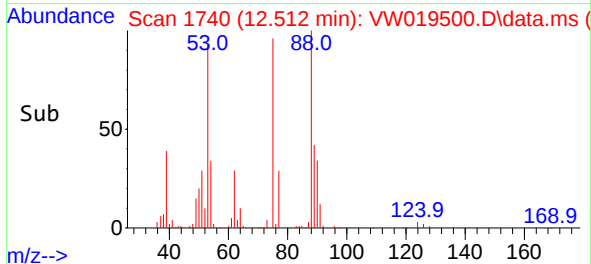
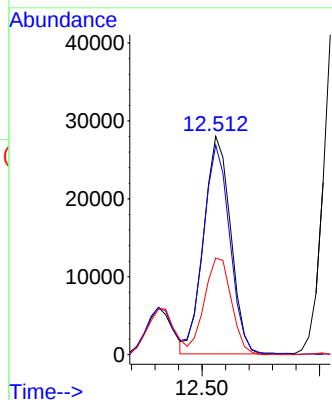
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.8	75.8	113.8
89	44.6	35.7	53.5

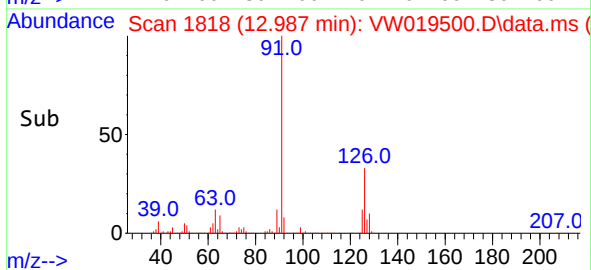
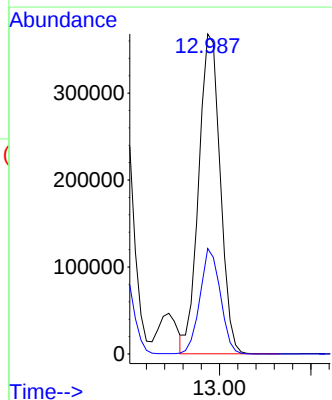
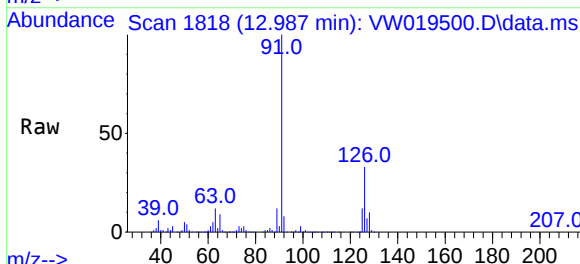
Manual Integrations
APPROVED

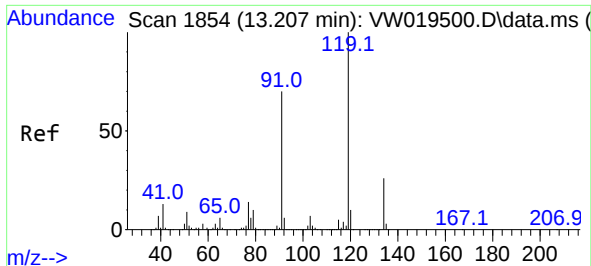
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#82
4-Chlorotoluene
Concen: 49.498 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

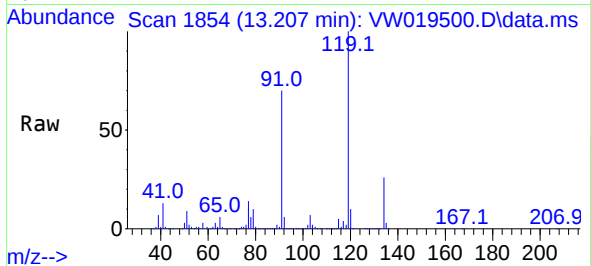
Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.1





#83
tert-Butylbenzene
Concen: 50.645 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

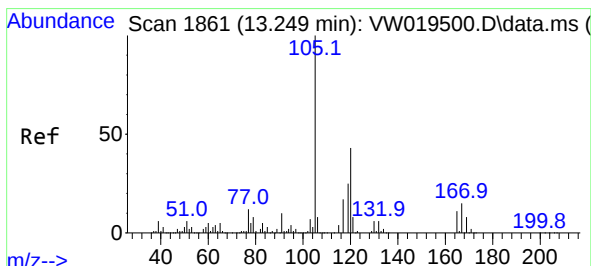
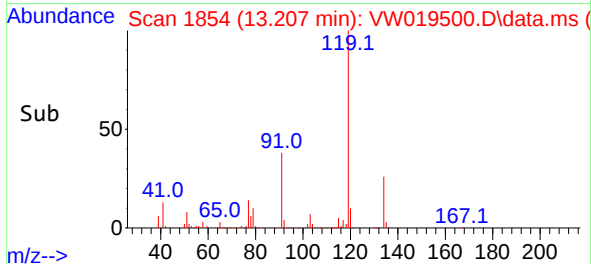
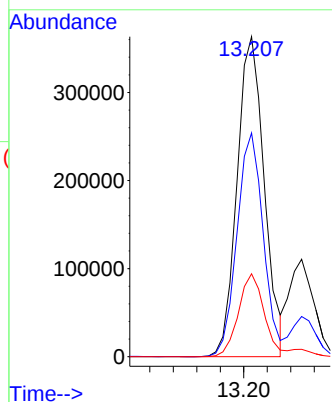
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



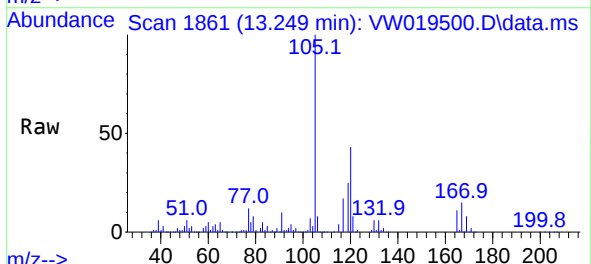
Tgt Ion:119 Resp: 584012
Ion Ratio Lower Upper
119 100
91 67.4 33.7 101.1
134 24.7 12.4 37.0

Manual Integrations
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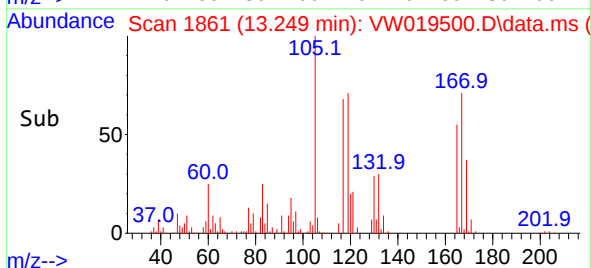
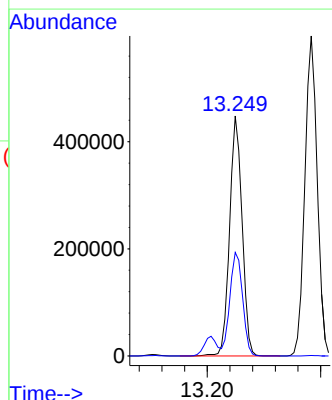
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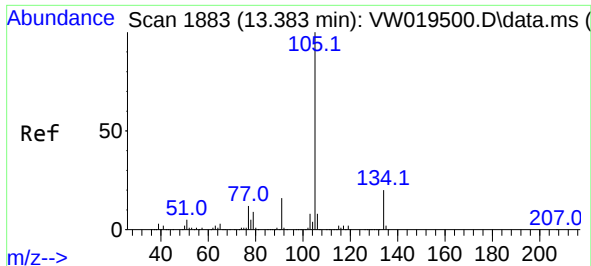


#84
1,2,4-Trimethylbenzene
Concen: 50.248 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



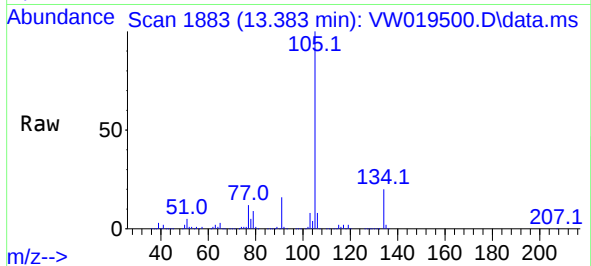
Tgt Ion:105 Resp: 683484
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
sec-Butylbenzene
Concen: 50.971 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

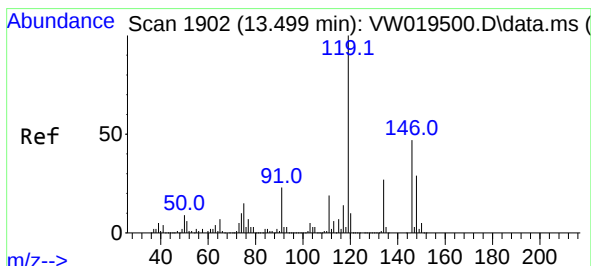
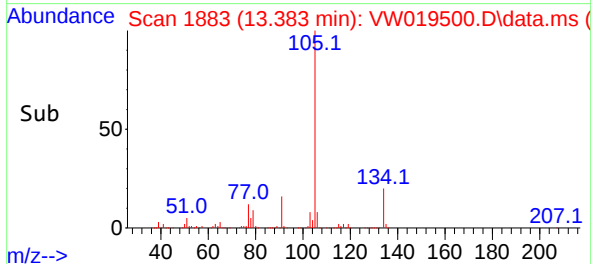
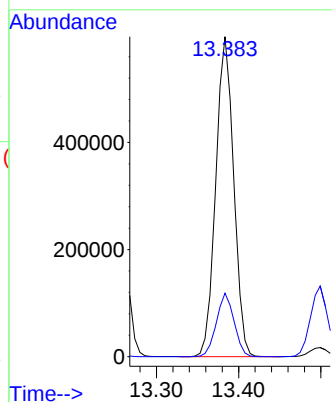
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050



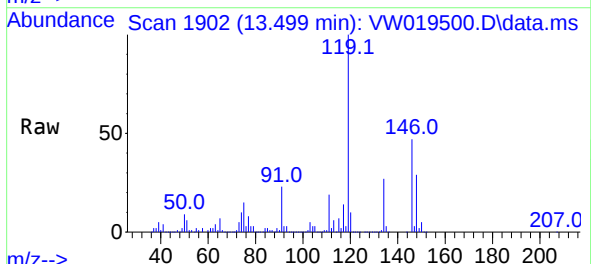
Tgt Ion:105 Resp: 903437
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4

Manual Integrations
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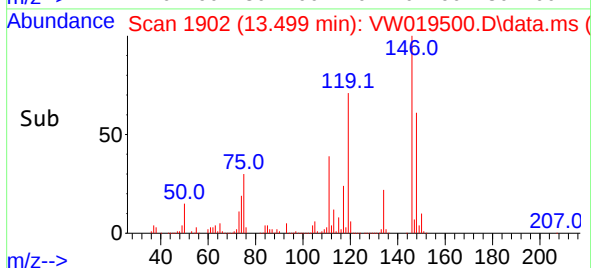
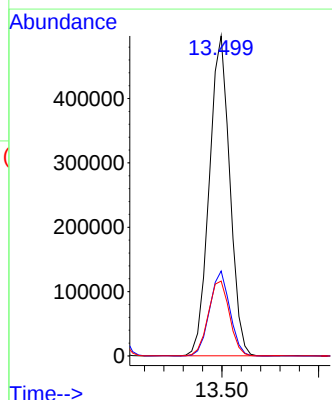
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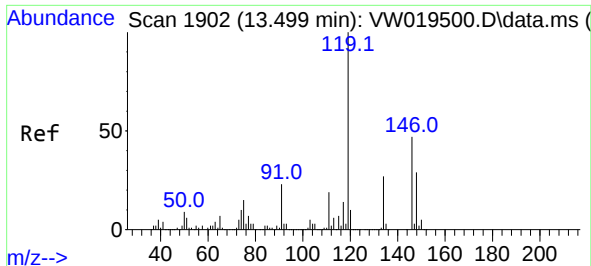


#86
p-Isopropyltoluene
Concen: 50.153 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



Tgt Ion:119 Resp: 732515
Ion Ratio Lower Upper
119 100
134 26.1 13.1 39.1
91 24.2 12.1 36.3





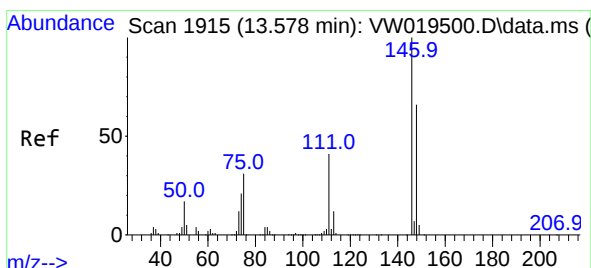
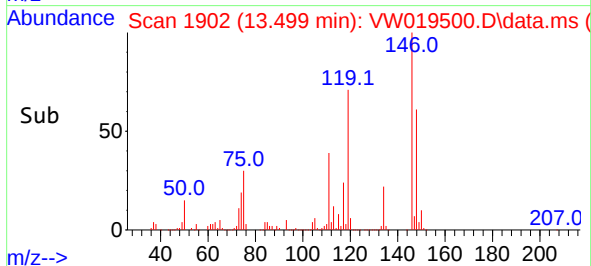
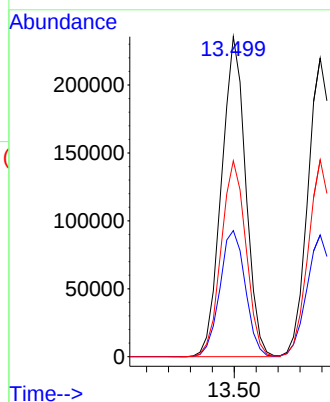
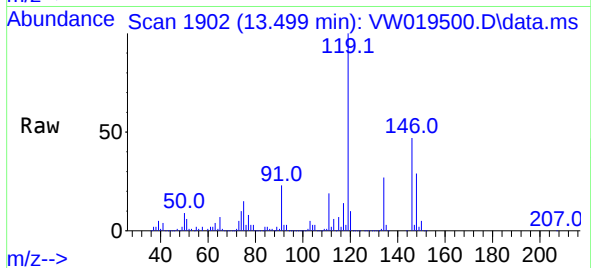
#87
1,3-Dichlorobenzene
Concen: 49.115 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:146 Resp: 361201
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 62.6 31.3 93.9

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

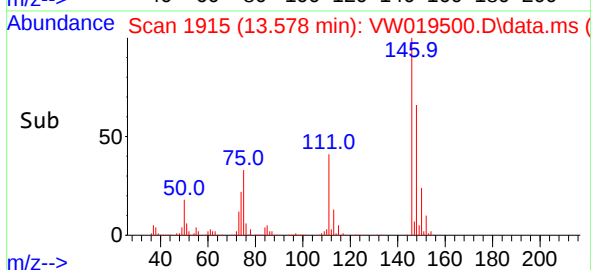
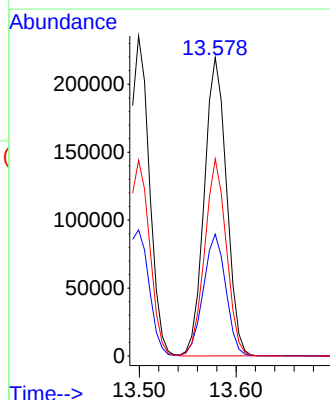
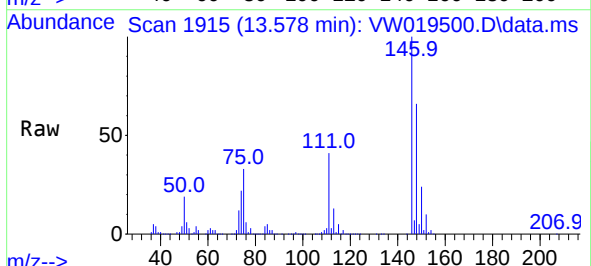
Manual Integrations
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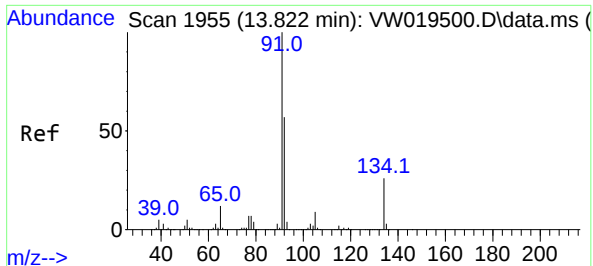
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#88
1,4-Dichlorobenzene
Concen: 48.237 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

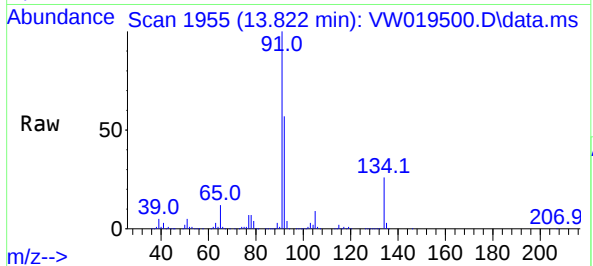
Tgt Ion:146 Resp: 351134
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 64.3 32.1 96.5





#89
n-Butylbenzene
Concen: 50.057 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

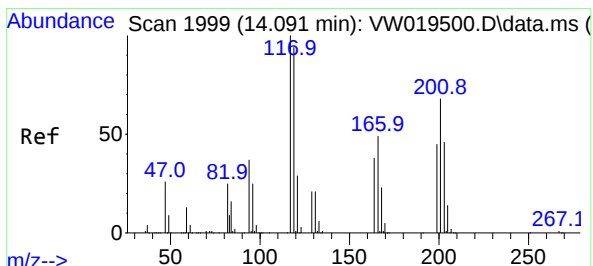
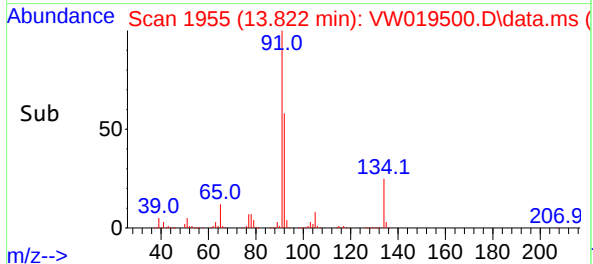
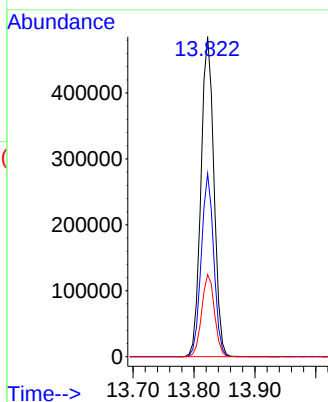
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



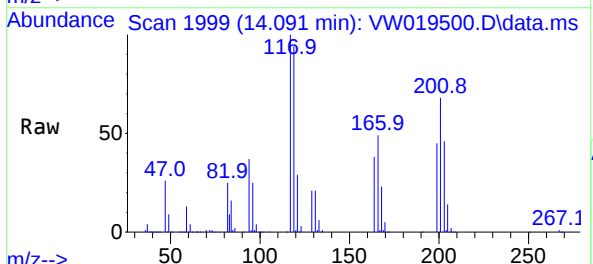
Tgt Ion: 91 Resp: 715729
Ion Ratio Lower Upper
91 100
92 55.4 27.7 83.1
134 25.4 12.7 38.1

Manual Integrations
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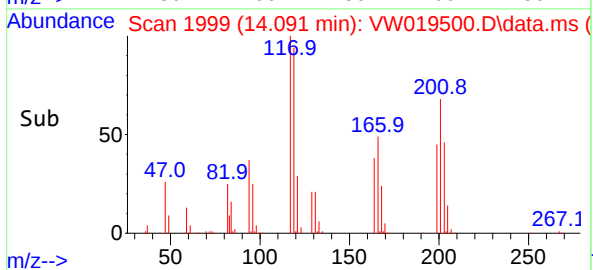
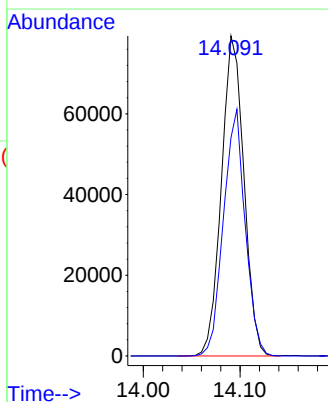
MMDadoda
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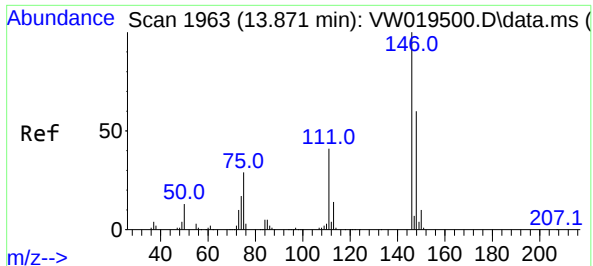


#90
Hexachloroethane
Concen: 49.746 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



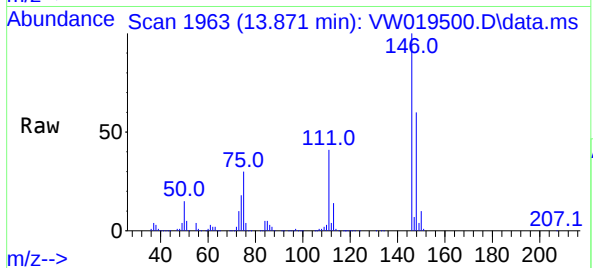
Tgt Ion: 117 Resp: 128092
Ion Ratio Lower Upper
117 100
201 74.4 37.2 111.6





#91
1,2-Dichlorobenzene
Concen: 49.208 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

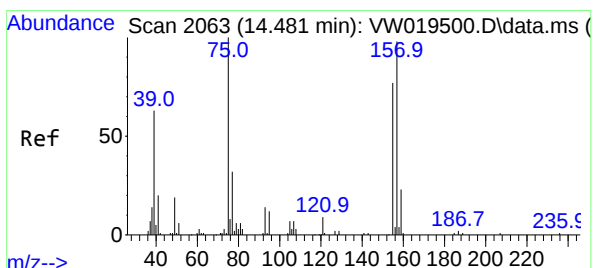
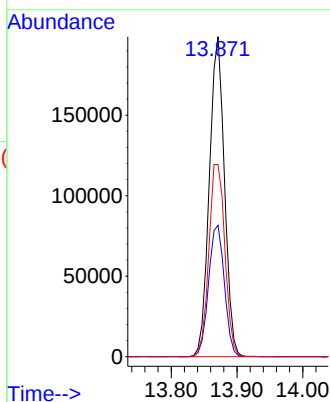
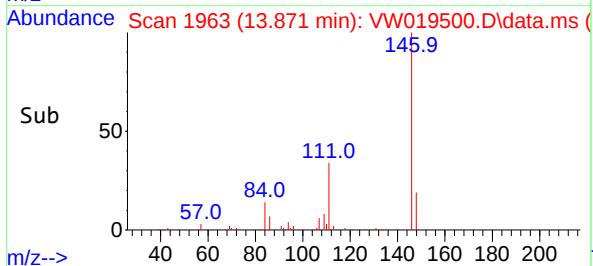
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050



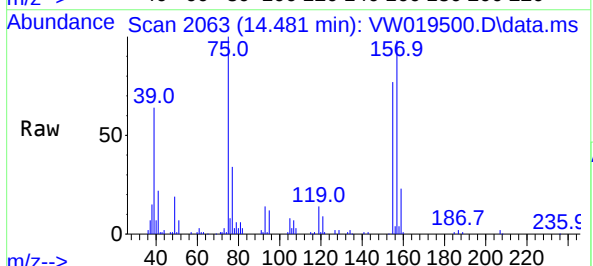
Tgt Ion:146 Resp: 318284
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 63.8 31.9 95.7

Manual Integrations
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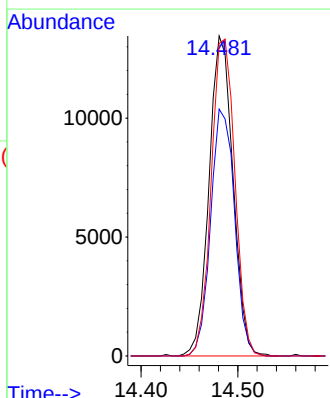
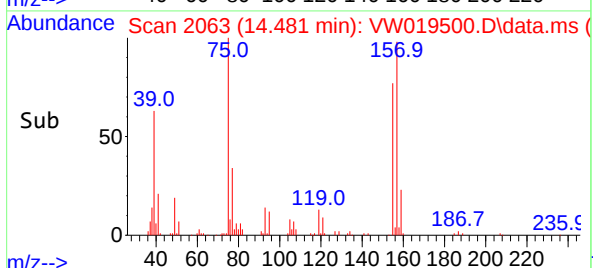
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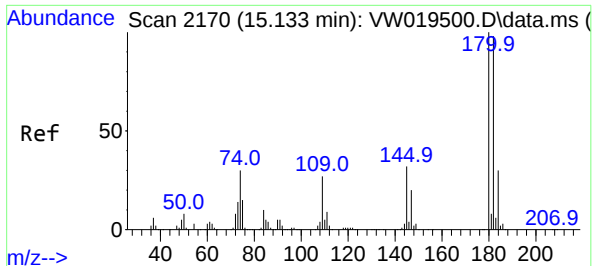


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.614 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



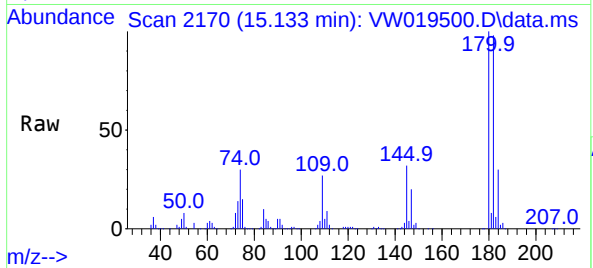
Tgt Ion: 75 Resp: 23168
Ion Ratio Lower Upper
75 100
155 76.8 38.4 115.2
157 97.7 48.9 146.6





#93
1,2,4-Trichlorobenzene
Concen: 49.500 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

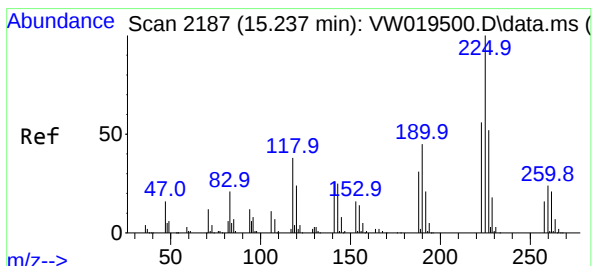
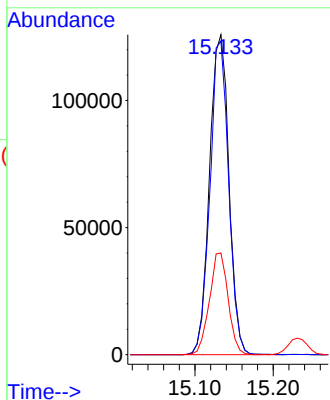
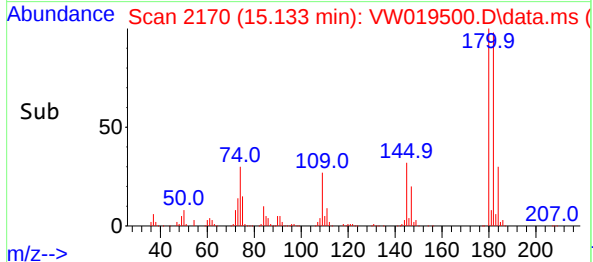
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



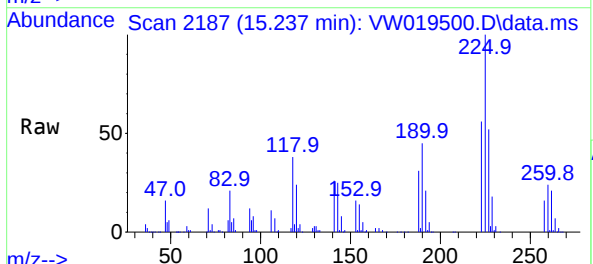
Tgt Ion:180 Resp: 216123
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 30.8 15.4 46.2

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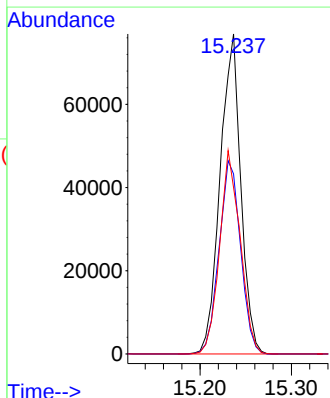
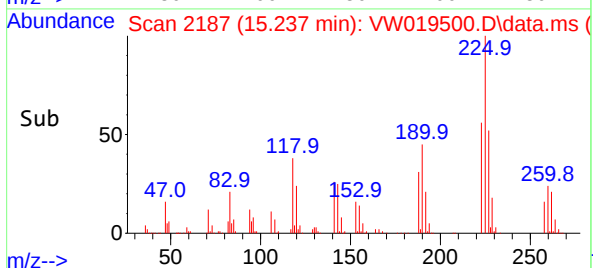
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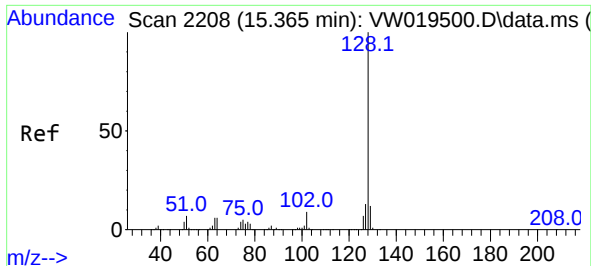


#94
Hexachlorobutadiene
Concen: 48.978 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55



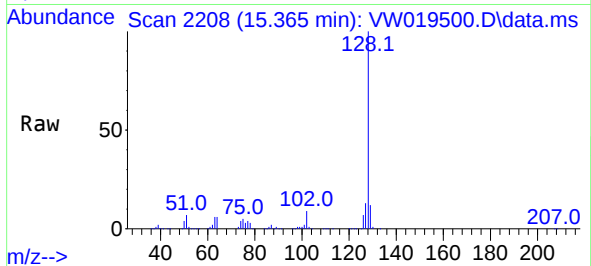
Tgt Ion:225 Resp: 120978
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.0
227 63.1 31.6 94.7





#95
Naphthalene
Concen: 50.564 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

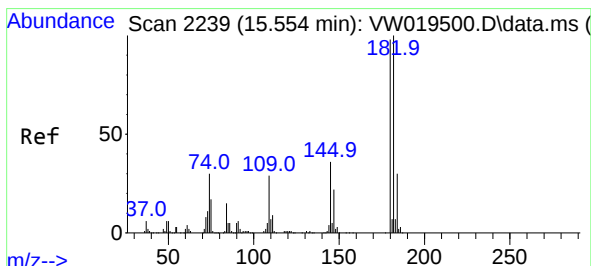
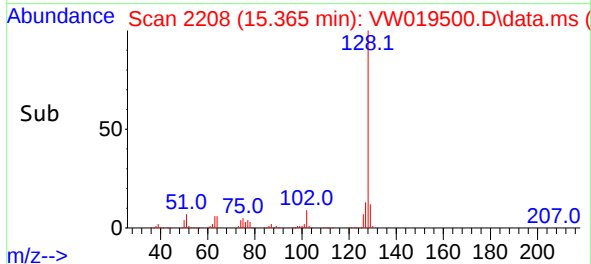
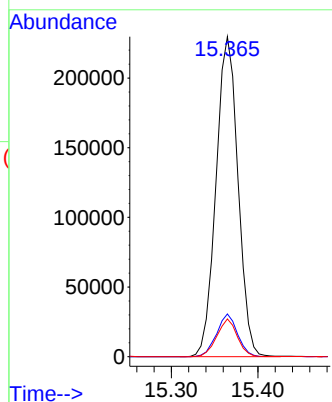
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 404344
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2

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#96
1,2,3-Trichlorobenzene
Concen: 47.866 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019500.D
Acq: 19 Jul 2021 10:55

Tgt Ion:180 Resp: 182685
Ion Ratio Lower Upper
180 100
182 97.1 48.5 145.6
145 34.8 17.4 52.2

