

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071921\
 Data File : VW019499.D
 Acq On : 19 Jul 2021 10:31
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Jul 20 04:26:48 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	7.952	168	292987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	482999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	434022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	212431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	69814	21.462	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.920%#		
35) Dibromofluoromethane	7.891	113	63700	21.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	43.180%#		
50) Toluene-d8	10.323	98	253611	22.197	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	44.400%#		
62) 4-Bromofluorobenzene	12.615	95	93098	21.723	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	43.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	40254	19.270	ug/l	99
3) Chloromethane	2.215	50	47393	18.719	ug/l	93
4) Vinyl Chloride	2.367	62	68406	19.822	ug/l	100
5) Bromomethane	2.782	94	38877	19.520	ug/l	99
6) Chloroethane	2.928	64	38878	19.871	ug/l	94
7) Trichlorofluoromethane	3.257	101	41992	19.089	ug/l	98
8) Diethyl Ether	3.690	74	34345	19.970	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	64962	20.994	ug/l	97
10) Methyl Iodide	4.281	142	82198	20.401	ug/l	98
11) Tert butyl alcohol	5.196	59	24068	105.169	ug/l	96
12) 1,1-Dichloroethene	4.050	96	65139	20.227	ug/l	98
13) Acrolein	3.897	56	19231	98.735	ug/l	98
14) Allyl chloride	4.672	41	93231	20.157	ug/l	99
15) Acrylonitrile	5.373	53	71371	97.238	ug/l	100
16) Acetone	4.141	43	51011	95.731	ug/l	99
17) Carbon Disulfide	4.391	76	184178	19.993	ug/l	97
18) Methyl Acetate	4.678	43	33227	18.777	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	90392	19.958	ug/l	99
20) Methylene Chloride	4.922	84	81345	20.465	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	71371	20.359	ug/l	93
22) Diisopropyl ether	6.318	45	207725	20.988	ug/l	99
23) Vinyl Acetate	6.257	43	598712	100.761	ug/l	99
24) 1,1-Dichloroethane	6.220	63	136559	20.660	ug/l	100
25) 2-Butanone	7.177	43	89024	97.122	ug/l	99
26) 2,2-Dichloropropane	7.171	77	73747	20.957	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	80466	20.575	ug/l	98
28) Bromochloromethane	7.519	49	55502	21.029	ug/l	99
29) Tetrahydrofuran	7.537	42	59281	97.353	ug/l	99
30) Chloroform	7.677	83	132860	20.569	ug/l	97
31) Cyclohexane	7.958	56	126608	20.565	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	98542	20.542	ug/l	99
36) 1,1-Dichloropropene	8.086	75	107205	20.820	ug/l	99
37) Ethyl Acetate	7.257	43	41318	19.147	ug/l	99
38) Carbon Tetrachloride	8.073	117	93144	20.707	ug/l	97
39) Methylcyclohexane	9.335	83	127801	20.882	ug/l	100
40) Benzene	8.330	78	302465	20.988	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	22945	18.728	ug/l	90
42) 1,2-Dichloroethane	8.403	62	84978	20.438	ug/l	99
43) Isopropyl Acetate	8.427	43	79220	19.637	ug/l	100
44) Trichloroethene	9.092	130	75332	20.743	ug/l	98
45) 1,2-Dichloropropane	9.372	63	76436	21.002	ug/l	95
46) Dibromomethane	9.463	93	37112	20.102	ug/l	99
47) Bromodichloromethane	9.646	83	95378	20.568	ug/l	98
48) Methyl methacrylate	9.439	41	34809	18.832	ug/l	98
49) 1,4-Dioxane	9.470	88	10554	386.406	ug/l #	98
51) 4-Methyl-2-Pentanone	10.213	43	203851	97.966	ug/l	98
52) Toluene	10.390	92	187411	20.950	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	96015	20.298	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	116461	20.692	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	52610	20.233	ug/l	99
56) Ethyl methacrylate	10.646	69	66656	19.578	ug/l	98
57) 1,3-Dichloropropane	10.933	76	95853	20.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	158408	100.537	ug/l	99
59) 2-Hexanone	10.969	43	134630	97.519	ug/l	97
60) Dibromochloromethane	11.128	129	57645	20.178	ug/l	96
61) 1,2-Dibromoethane	11.238	107	49305	20.087	ug/l	99
64) Tetrachloroethene	10.866	164	60965	20.914	ug/l	96
65) Chlorobenzene	11.658	112	193500	20.959	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	65036	20.480	ug/l	97
67) Ethyl Benzene	11.731	91	358630	21.220	ug/l	98
68) m/p-Xylenes	11.841	106	276645	42.820	ug/l	99
69) o-Xylene	12.164	106	128578	21.288	ug/l	98
70) Styrene	12.182	104	213982	20.972	ug/l	99
71) Bromoform	12.347	173	30701	19.391	ug/l #	94
73) Isopropylbenzene	12.463	105	339108	21.010	ug/l	100
74) N-amyl acetate	12.274	43	72149	19.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	61039	20.109	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	41491m	19.762	ug/l	
77) Bromobenzene	12.749	156	75445	20.736	ug/l	99
78) n-propylbenzene	12.804	91	432917	21.454	ug/l	99
79) 2-Chlorotoluene	12.890	91	249583	21.036	ug/l	96
80) 1,3,5-Trimethylbenzene	12.945	105	295263	21.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	18033	19.575	ug/l	96
82) 4-Chlorotoluene	12.987	91	258944	21.106	ug/l	100
83) tert-Butylbenzene	13.207	119	250046	21.414	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	296698	21.541	ug/l	100
85) sec-Butylbenzene	13.384	105	384226	21.408	ug/l	99
86) p-Isopropyltoluene	13.499	119	309824	20.949	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	157083	21.094	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	154322	20.936	ug/l	98
89) n-Butylbenzene	13.822	91	309386	21.369	ug/l	98
90) Hexachloroethane	14.091	117	52376	20.088	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	135980	20.762	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9805	19.482	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	89085	20.150	ug/l	98
94) Hexachlorobutadiene	15.231	225	50249	20.090	ug/l	99
95) Naphthalene	15.365	128	158570	19.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	76906	19.900	ug/l	99

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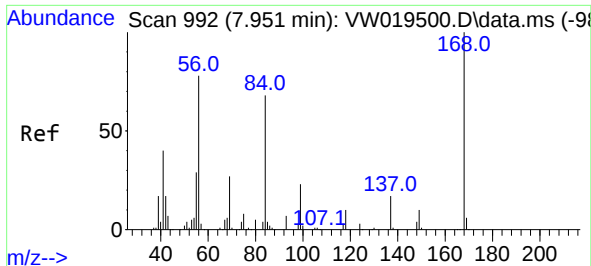
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

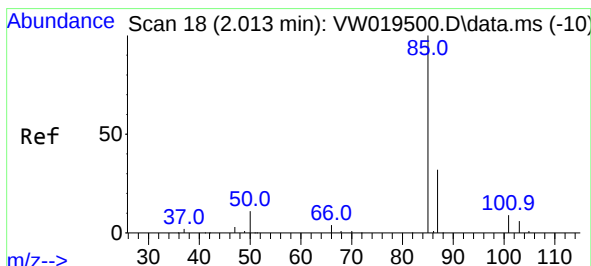
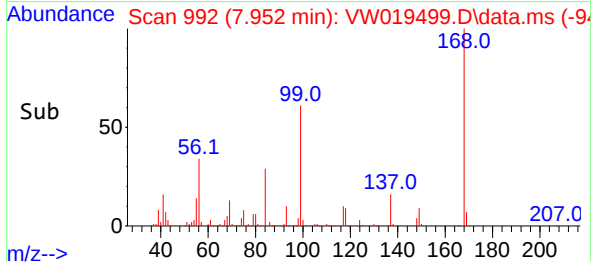
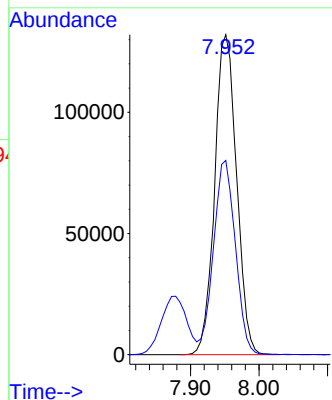
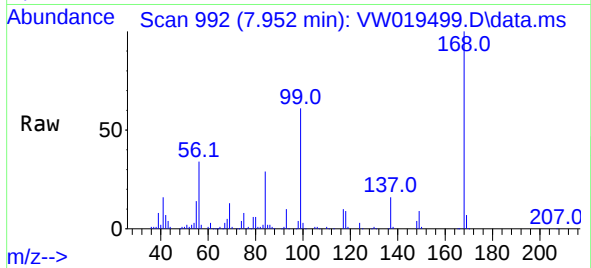
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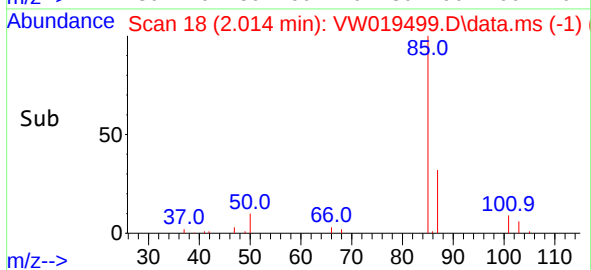
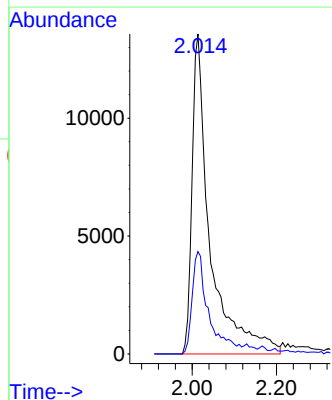
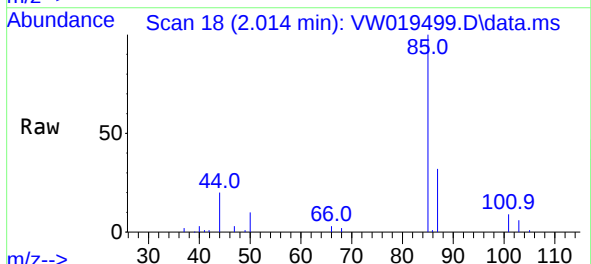
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019499.D
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Tgt Ion: 168 Resp: 292987
Ion Ratio Lower Upper
168 100
99 60.6 51.9 77.9



#2
Dichlorodifluoromethane
Concen: 19.270 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

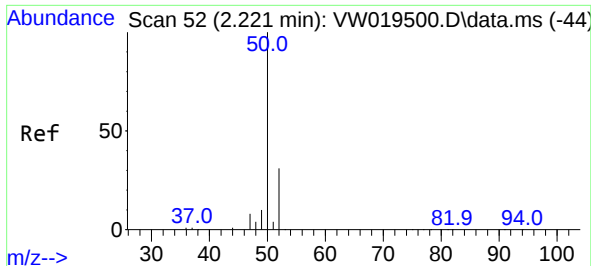
Tgt Ion: 85 Resp: 40254
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4



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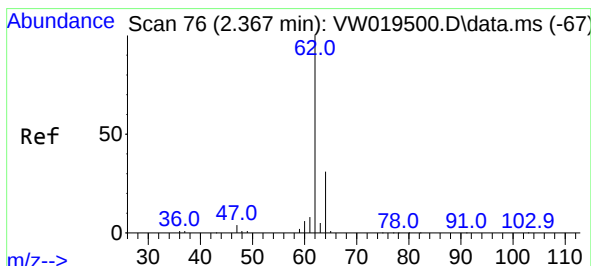
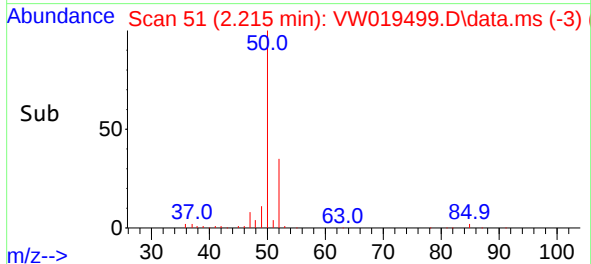
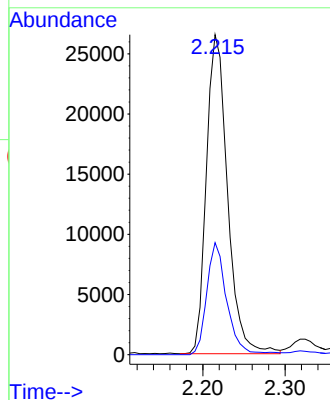
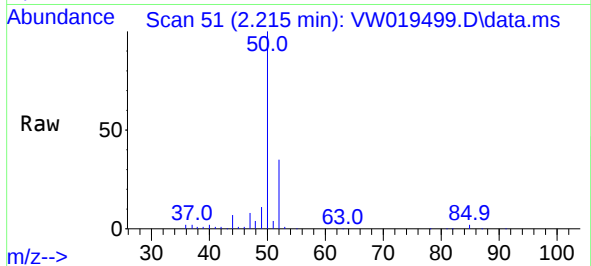
#3
Chloromethane
Concen: 18.719 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 50 Resp: 47393
Ion Ratio Lower Upper
50 100
52 35.1 25.0 37.4

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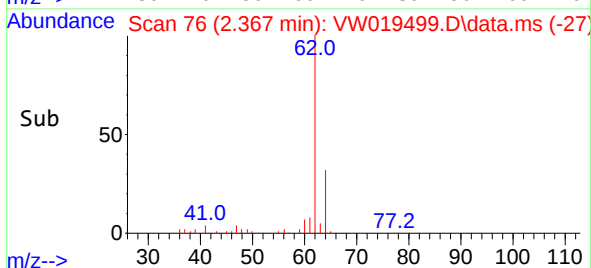
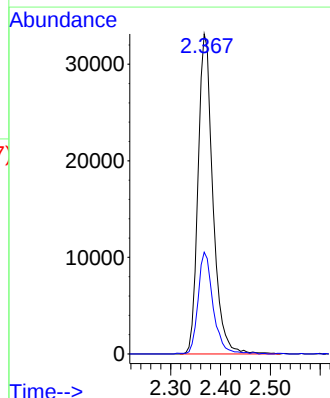
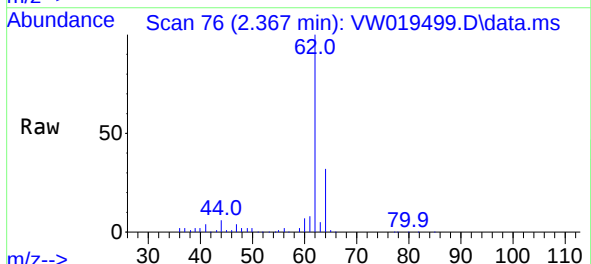
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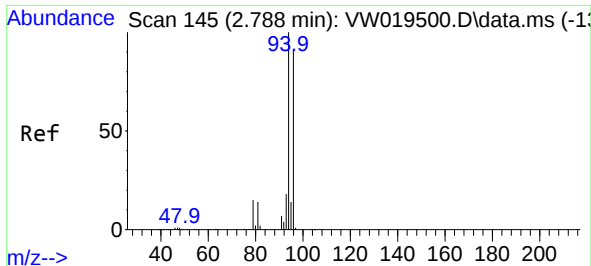
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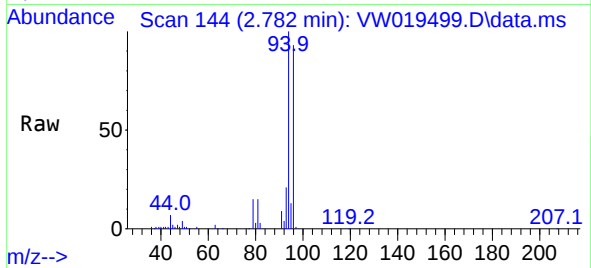
#4
Vinyl Chloride
Concen: 19.822 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 62 Resp: 68406
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

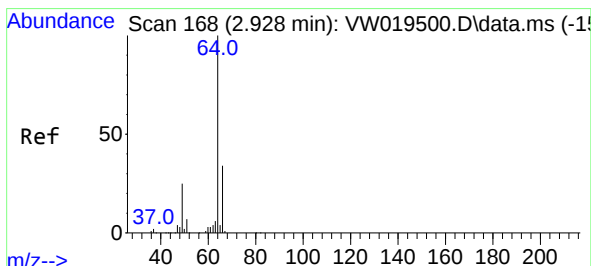
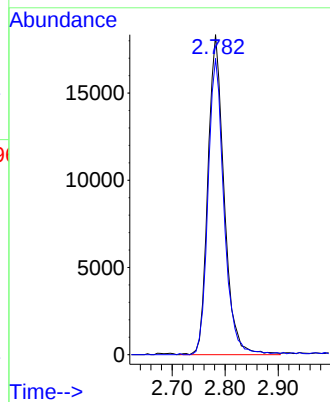
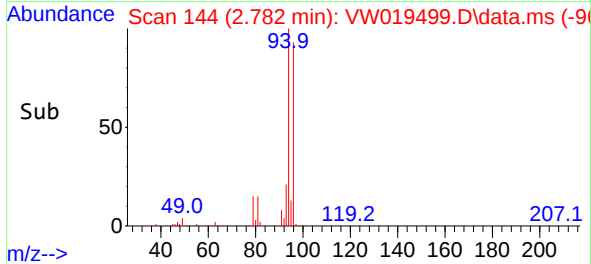




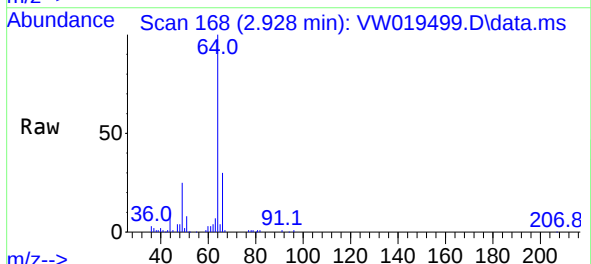
#5
Bromomethane
Concen: 19.520 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



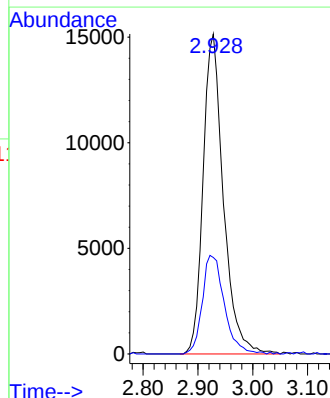
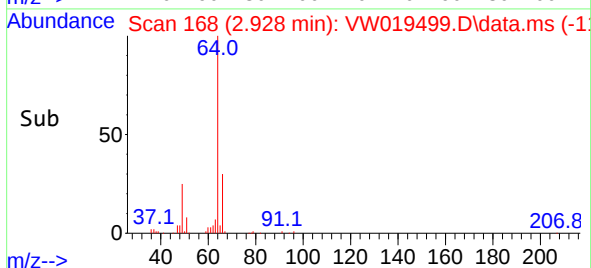
Tgt Ion: 94 Resp: 38877
Ion Ratio Lower Upper
94 100
96 92.2 72.7 109.1



#6
Chloroethane
Concen: 19.871 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



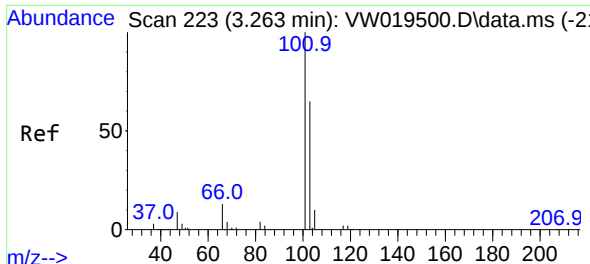
Tgt Ion: 64 Resp: 38878
Ion Ratio Lower Upper
64 100
66 30.2 26.9 40.3



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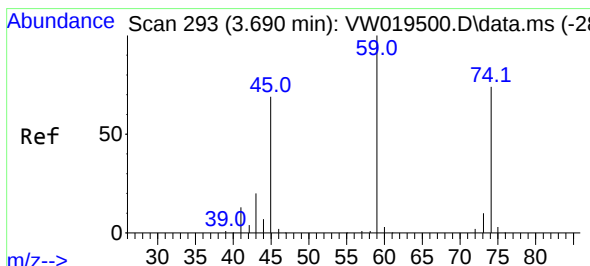
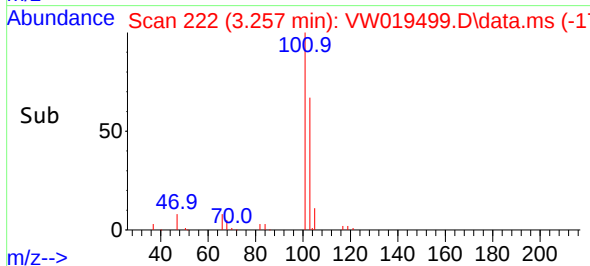
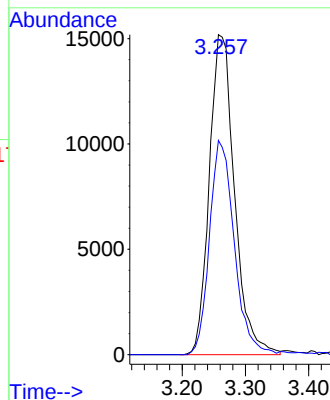
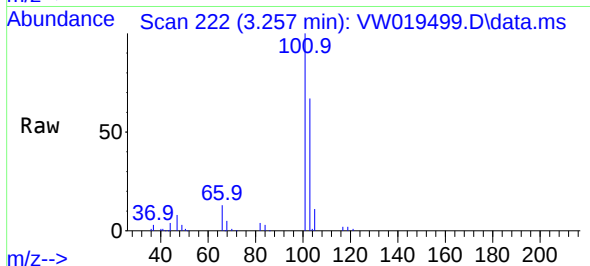
#7
Trichlorofluoromethane
Concen: 19.089 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:101 Resp: 41992
Ion Ratio Lower Upper
101 100
103 66.9 52.2 78.2

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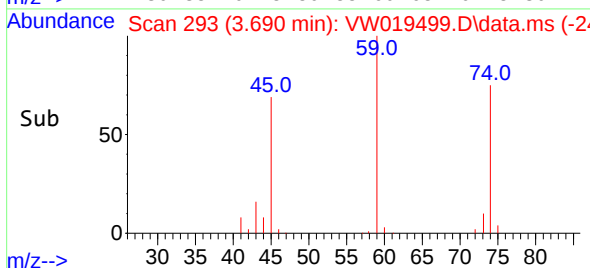
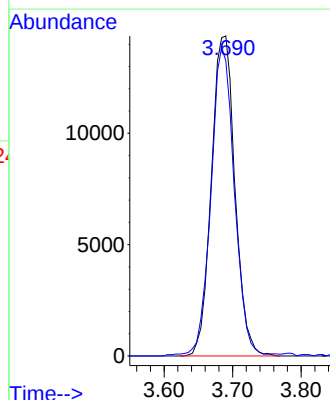
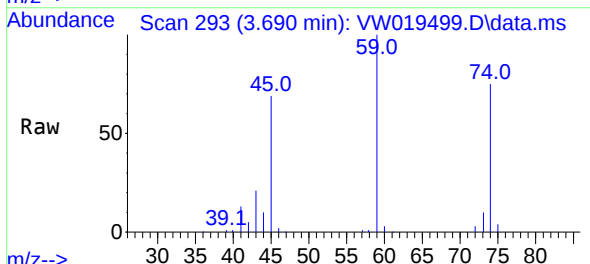
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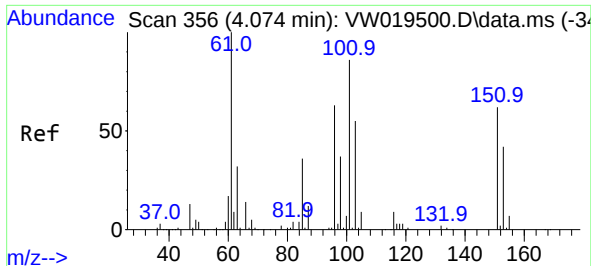
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#8
Diethyl Ether
Concen: 19.970 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 74 Resp: 34345
Ion Ratio Lower Upper
74 100
45 95.9 48.8 146.3





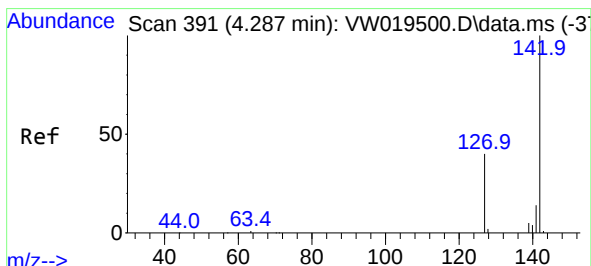
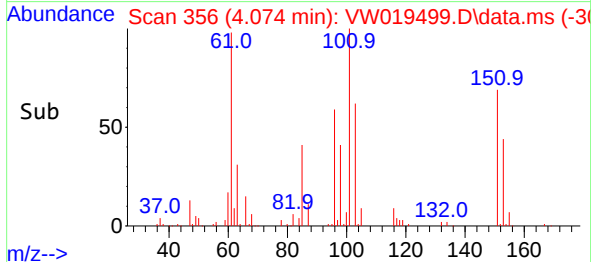
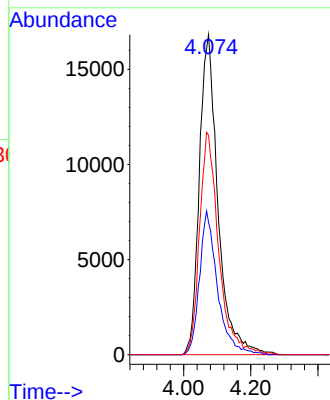
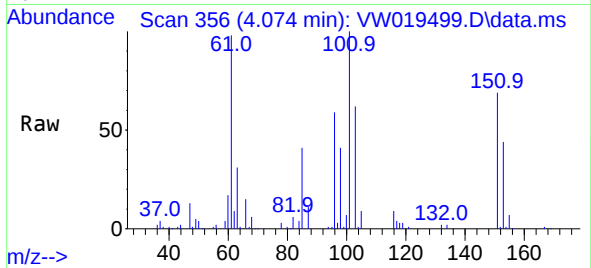
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1,1,2-Trichlorotrifluoroethane
Concen: 20.994 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:	101	Resp:	64962
Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.4	53.0
151	71.3	59.6	89.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

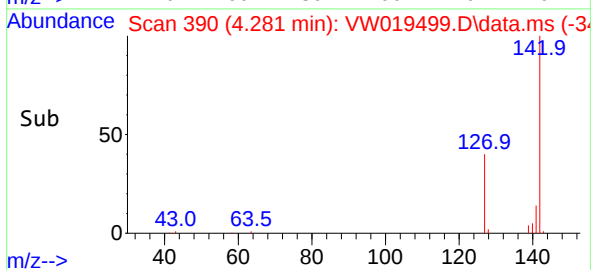
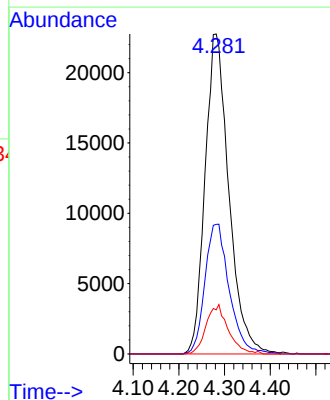
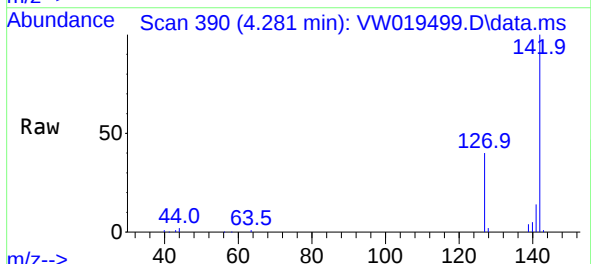
Manual Integrations
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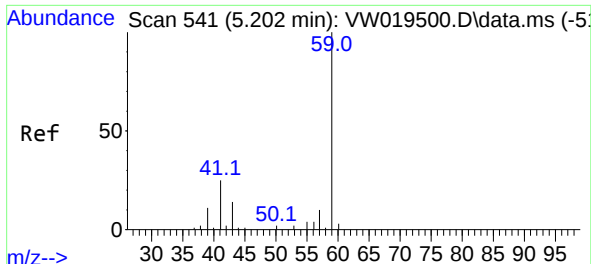
MMDadoda
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#10
Methyl Iodide
Concen: 20.401 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

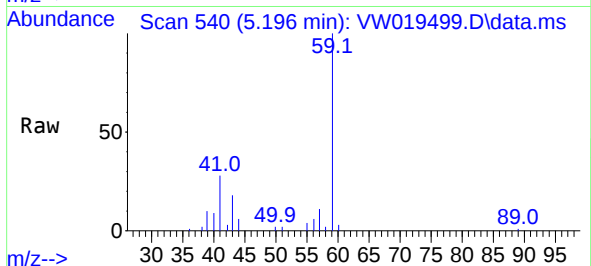
Tgt Ion:	142	Resp:	82198
Ion	Ratio	Lower	Upper
142	100		
127	41.5	34.2	51.2
141	14.4	11.9	17.9





#11
Tert butyl alcohol
Concen: 105.169 ug/l
RT: 5.196 min Scan# 540
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

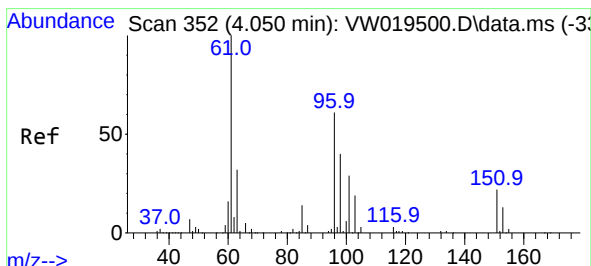
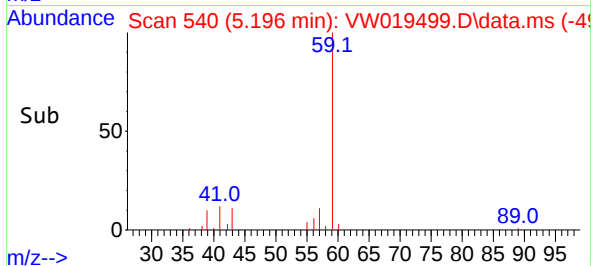
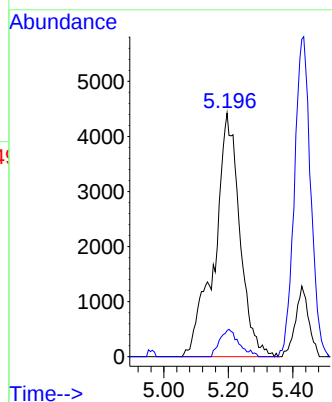
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020



Tgt Ion: 59 Resp: 24068
Ion Ratio Lower Upper
59 100
57 8.6 8.0 12.0

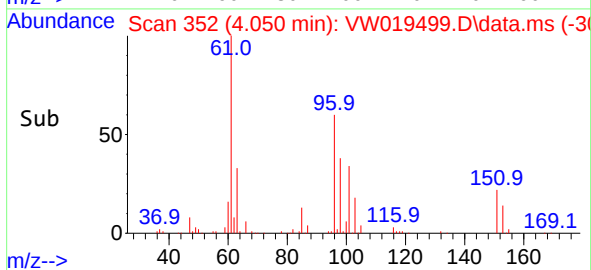
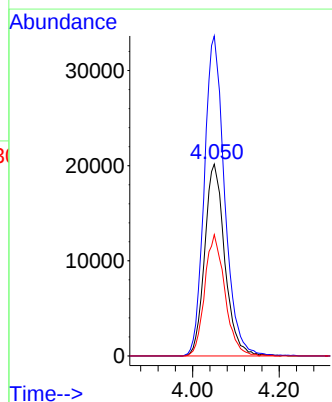
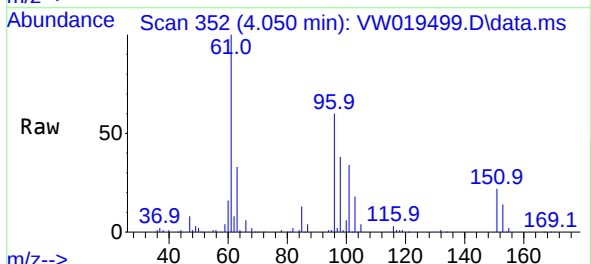
Manual Integrations
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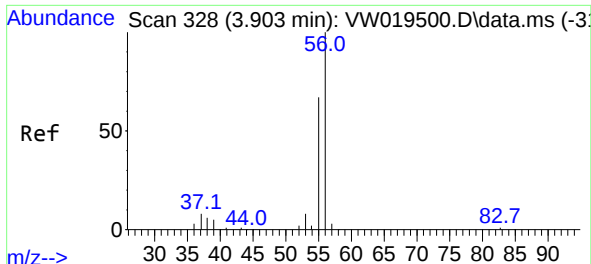
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#12
1,1-Dichloroethene
Concen: 20.227 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 96 Resp: 65139
Ion Ratio Lower Upper
96 100
61 166.8 131.0 196.6
98 63.2 52.2 78.2





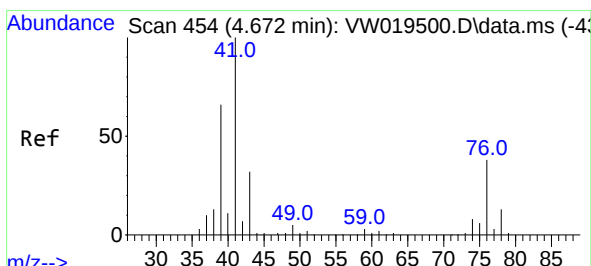
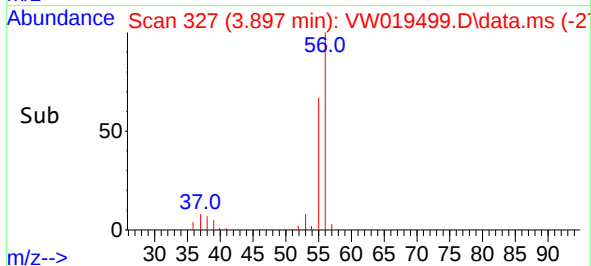
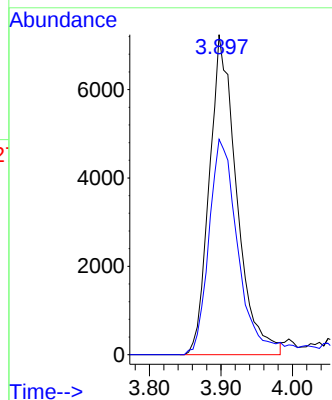
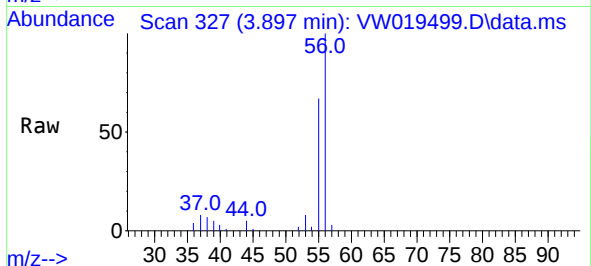
#13
Acrolein
Concen: 98.735 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 56 Resp: 19231
Ion Ratio Lower Upper
56 100
55 72.4 56.3 84.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

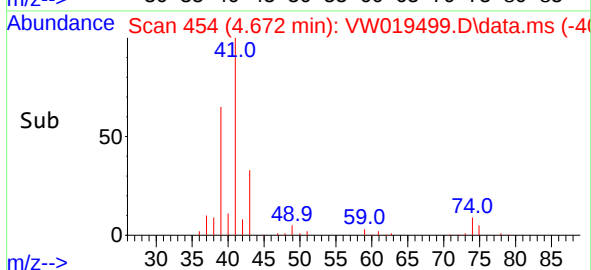
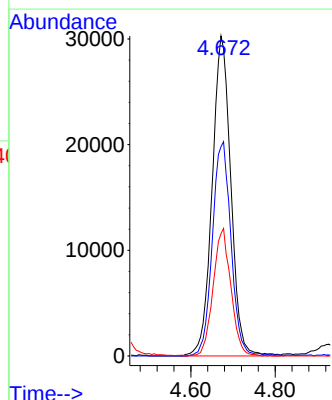
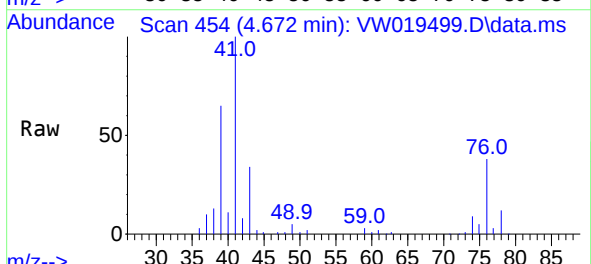
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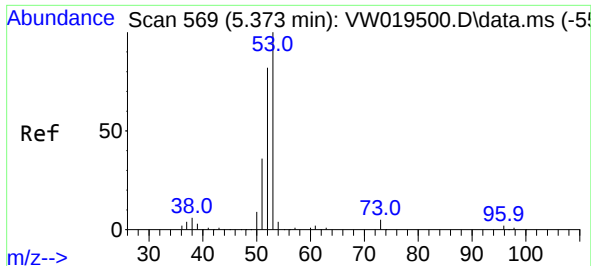
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#14
Allyl chloride
Concen: 20.157 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

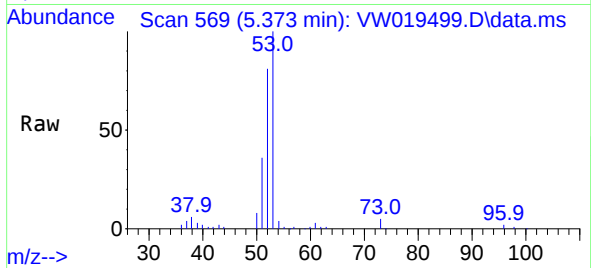
Tgt Ion: 41 Resp: 93231
Ion Ratio Lower Upper
41 100
39 66.5 52.2 78.2
76 37.7 30.1 45.1





#15
Acrylonitrile
Concen: 97.238 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

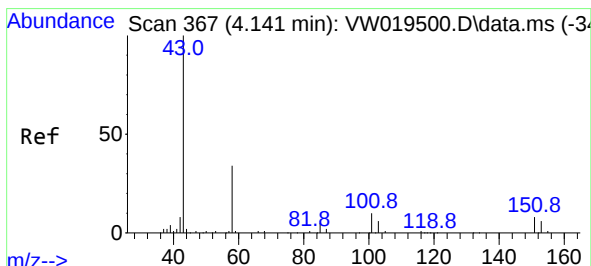
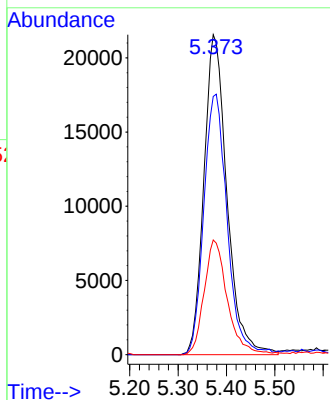
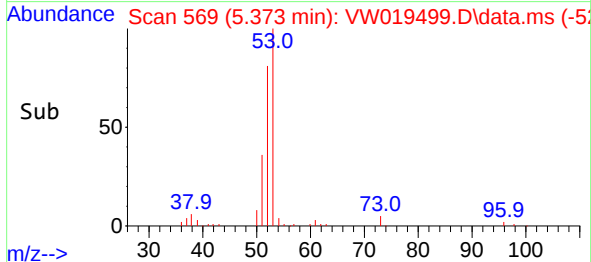


Tgt Ion: 53 Resp: 71371

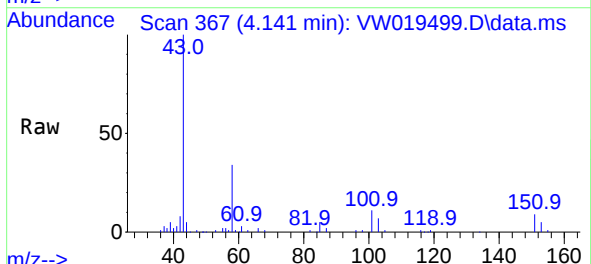
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.9	98.9
51	36.0	29.2	43.8

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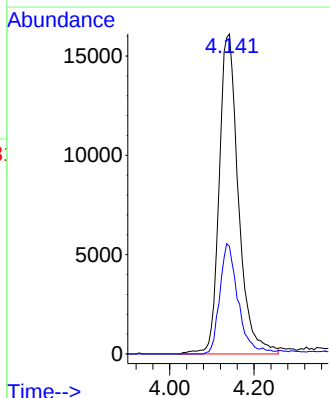
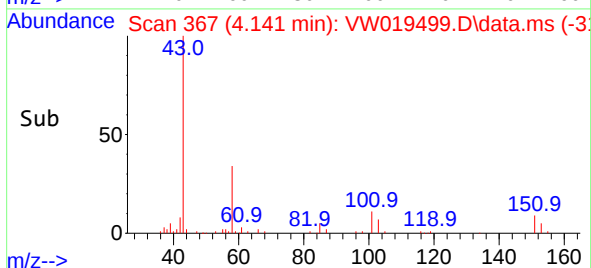


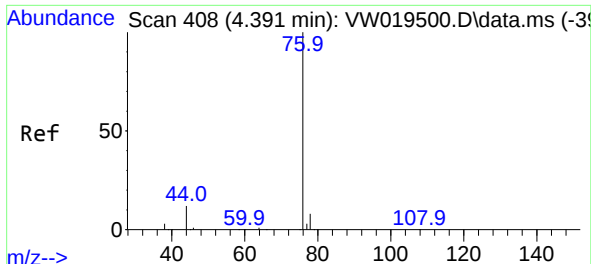
#16
Acetone
Concen: 95.731 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion: 43 Resp: 51011

Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.2	40.8





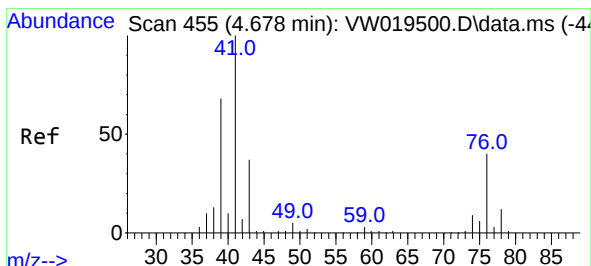
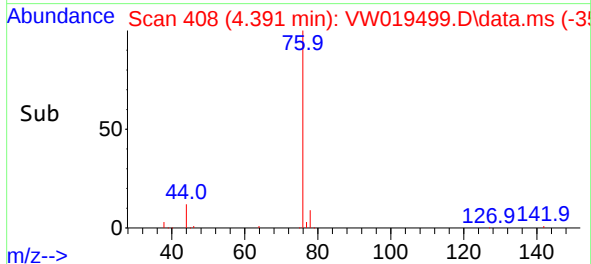
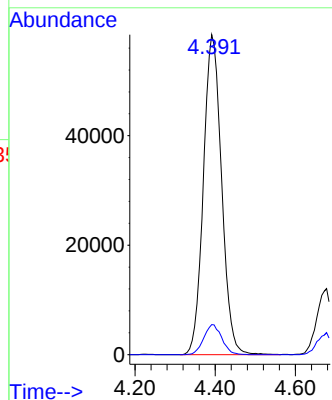
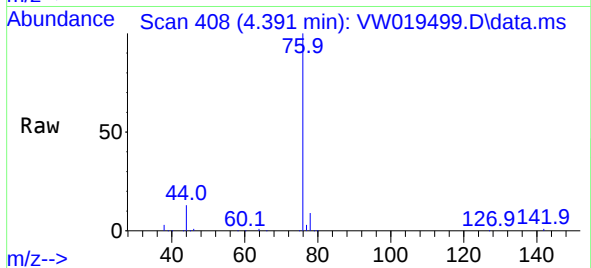
#17
Carbon Disulfide
Concen: 19.993 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 76 Resp: 184178
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

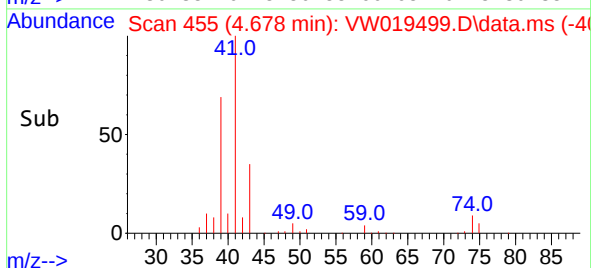
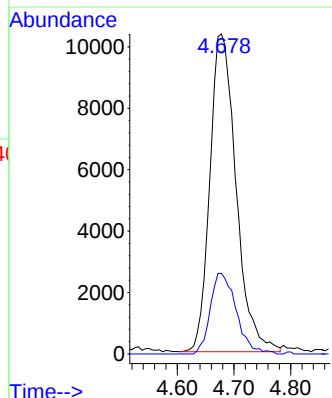
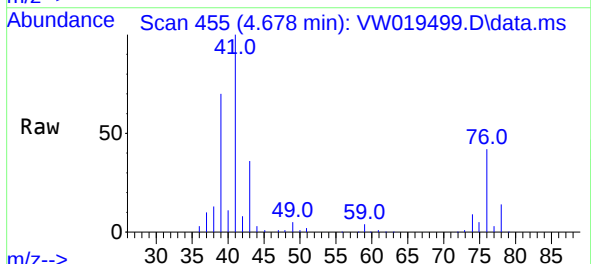
Manual Integrations
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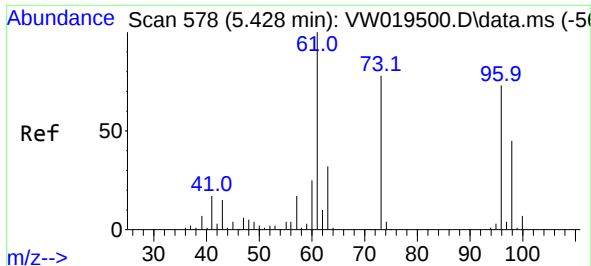
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#18
Methyl Acetate
Concen: 18.777 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 43 Resp: 33227
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





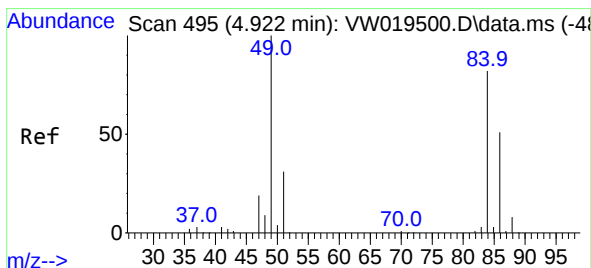
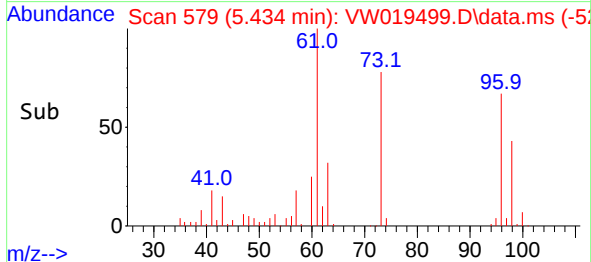
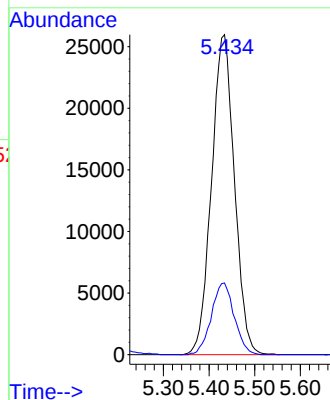
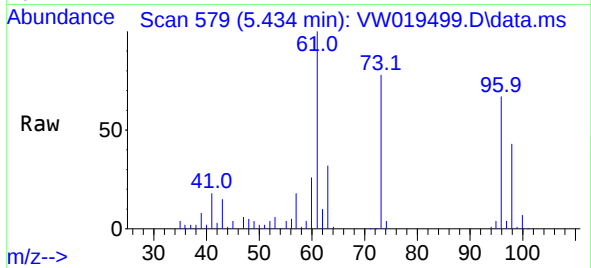
#19
Methyl tert-butyl Ether
Concen: 19.958 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 73 Resp: 90392
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

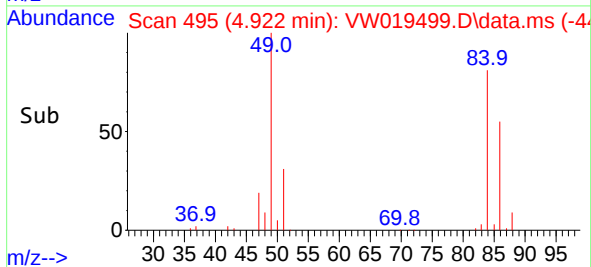
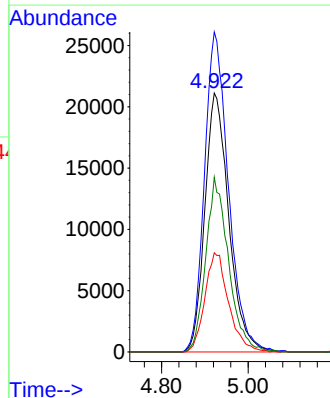
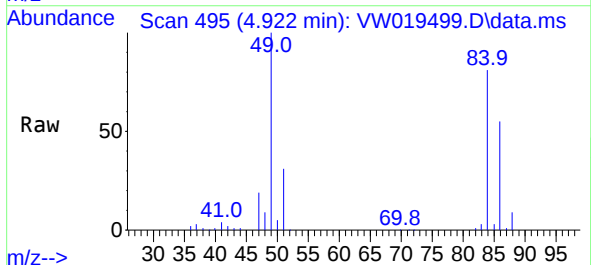
Manual Integrations
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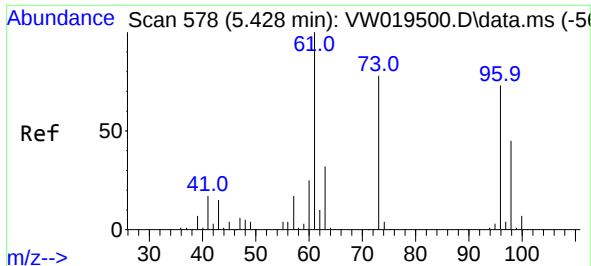
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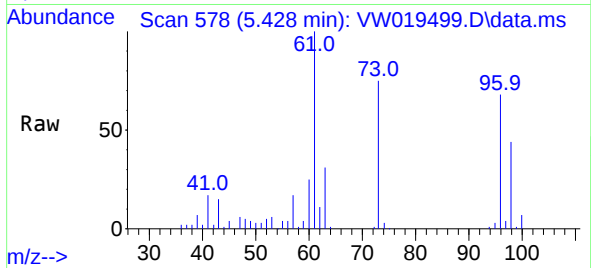
#20
Methylene Chloride
Concen: 20.465 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 84 Resp: 81345
Ion Ratio Lower Upper
84 100
49 123.6 97.2 145.8
51 38.3 30.1 45.1
86 67.5 49.9 74.9

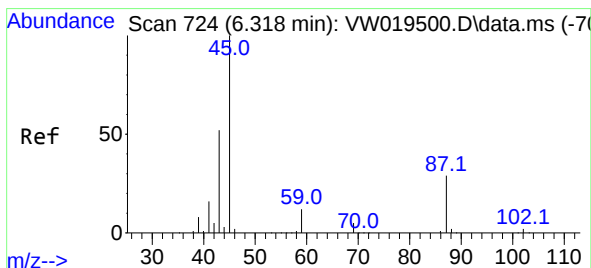
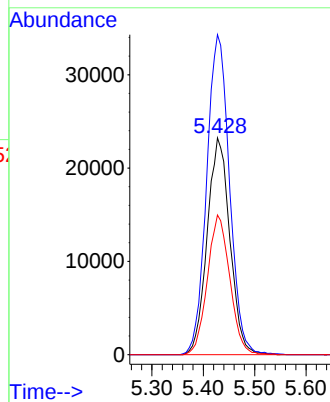
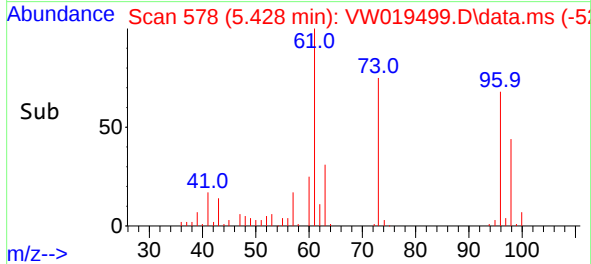




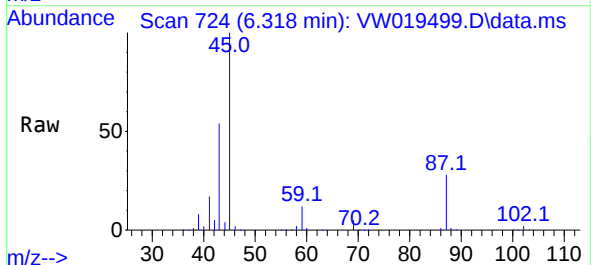
#21
trans-1,2-Dichloroethene
Concen: 20.359 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



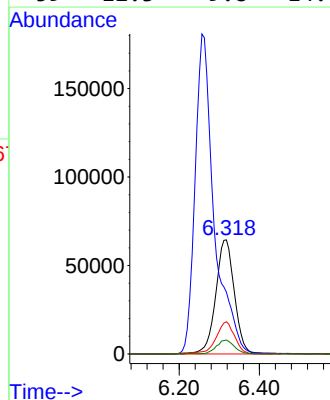
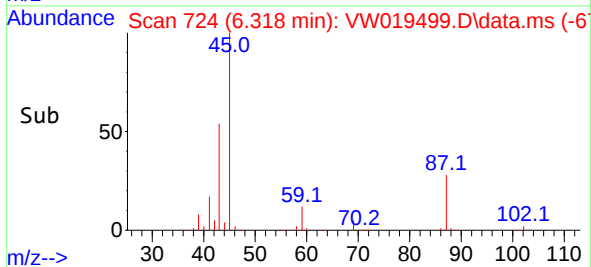
Tgt Ion: 96 Resp: 71371
Ion Ratio Lower Upper
96 100
61 147.6 110.3 165.5
98 64.4 49.1 73.7



#22
Diisopropyl ether
Concen: 20.988 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



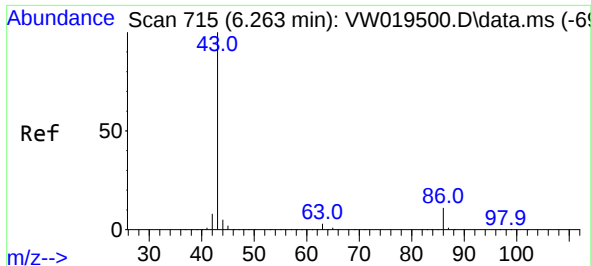
Tgt Ion: 45 Resp: 207725
Ion Ratio Lower Upper
45 100
43 53.5 42.0 63.0
87 28.2 23.0 34.6
59 12.3 9.8 14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
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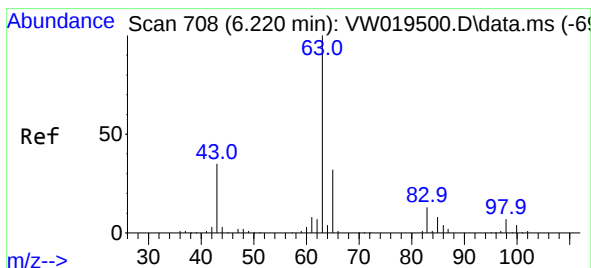
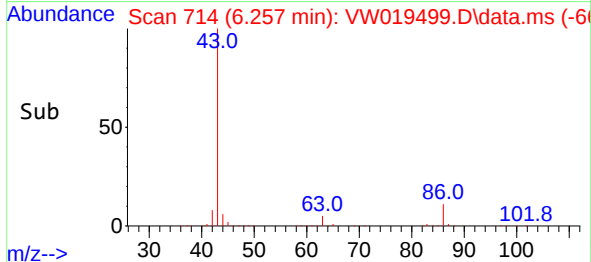
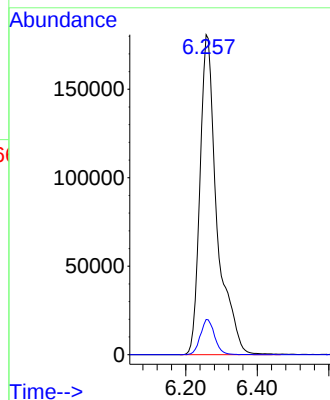
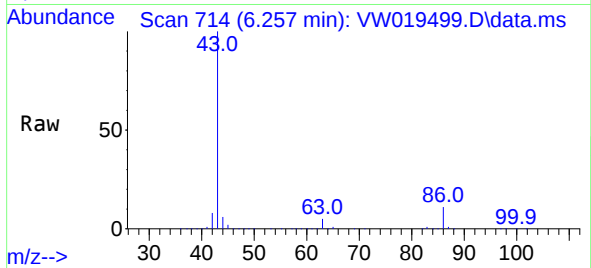
#23
 Vinyl Acetate
 Concen: 100.761 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW019499.D
 Acq: 19 Jul 2021 10:31

Tgt Ion: 43 Resp: 598712
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.1 13.7

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

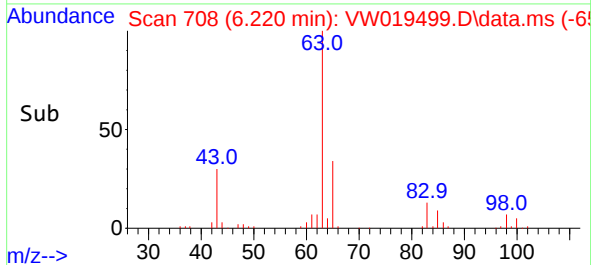
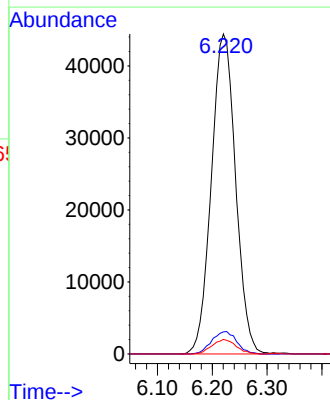
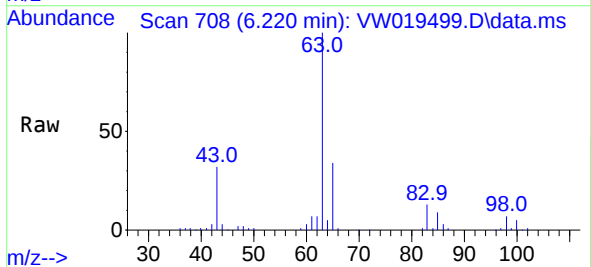
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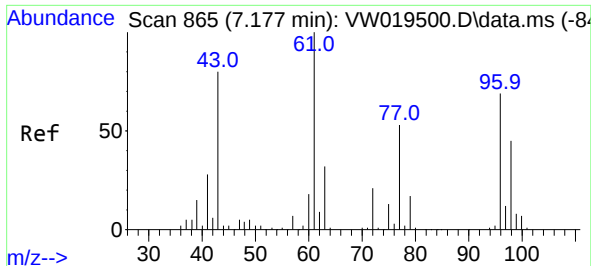
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#24
 1,1-Dichloroethane
 Concen: 20.660 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW019499.D
 Acq: 19 Jul 2021 10:31

Tgt Ion: 63 Resp: 136559
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.6 2.2 6.6





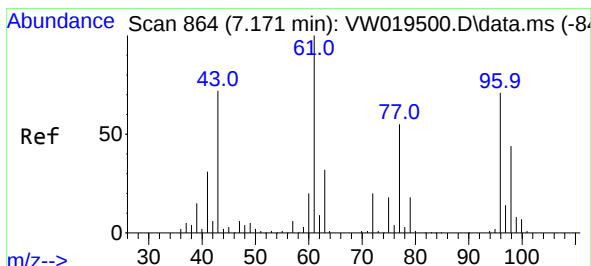
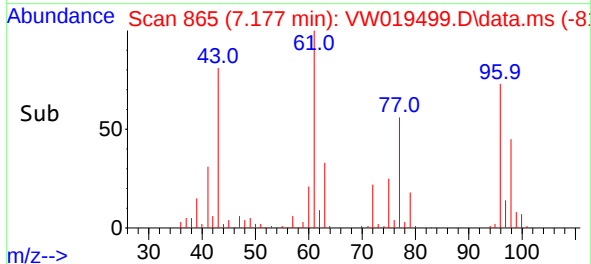
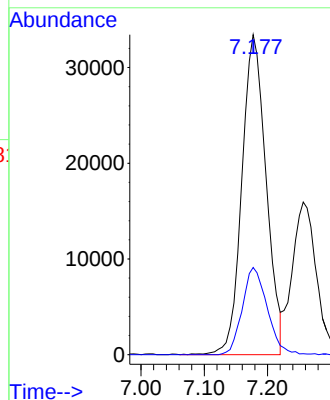
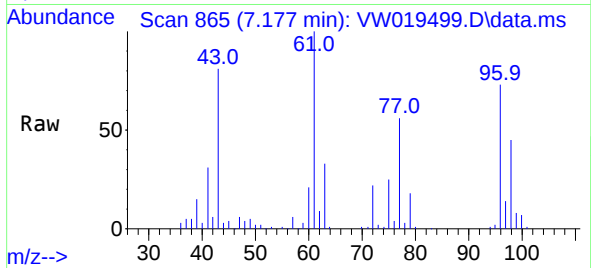
#25
2-Butanone
Concen: 97.122 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 43 Resp: 89024
Ion Ratio Lower Upper
43 100
72 27.3 21.4 32.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

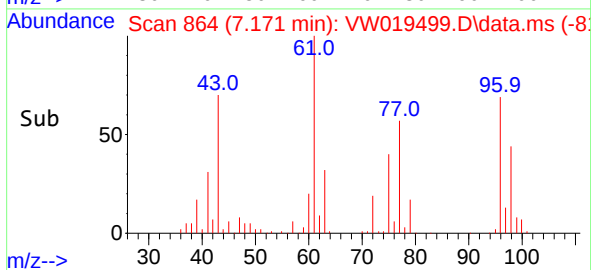
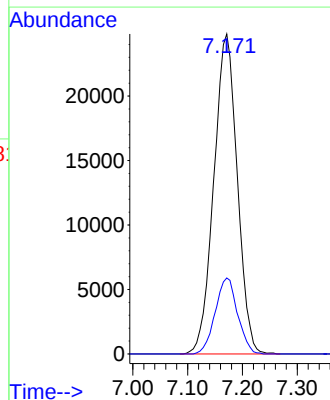
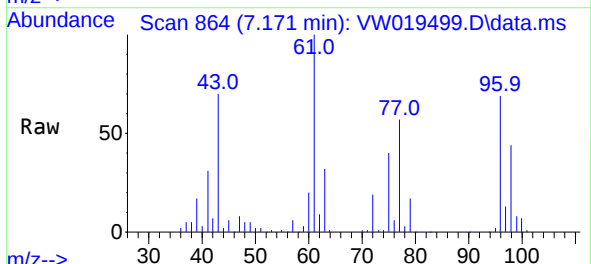
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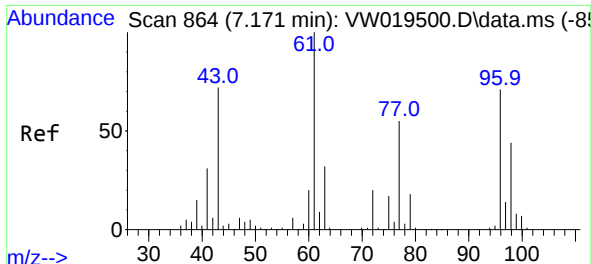
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#26
2,2-Dichloropropane
Concen: 20.957 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 77 Resp: 73747
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.575 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW019499.D

Acq: 19 Jul 2021 10:31

Tgt Ion:	96	Resp:	80466
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	289.6
98	64.6	0.0	127.4

Instrument :

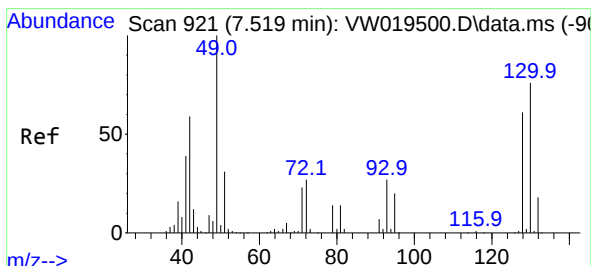
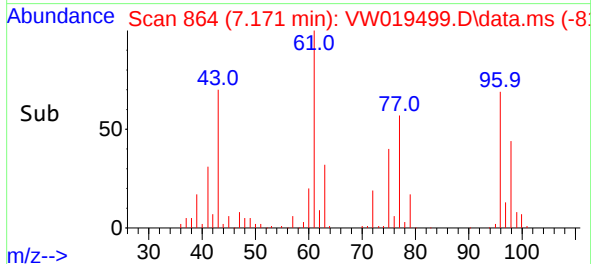
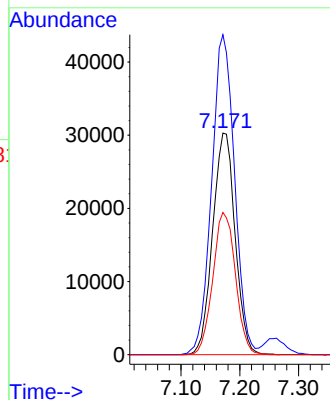
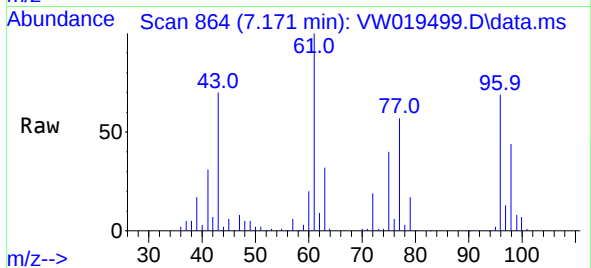
MSVOA_W

ClientSampleId :

VSTDIC020

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#28

Bromochloromethane

Concen: 21.029 ug/l

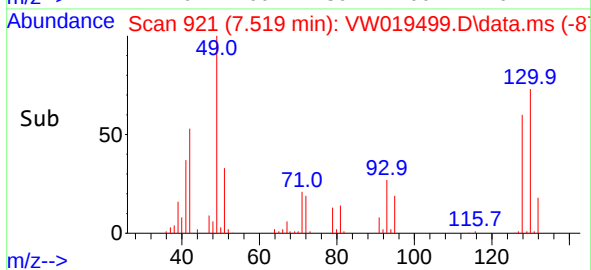
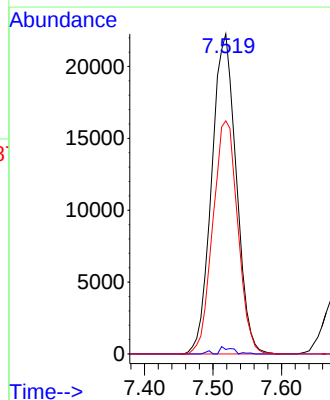
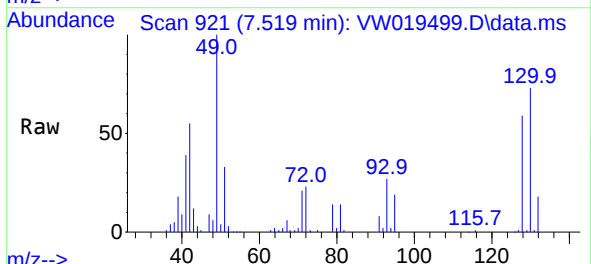
RT: 7.519 min Scan# 921

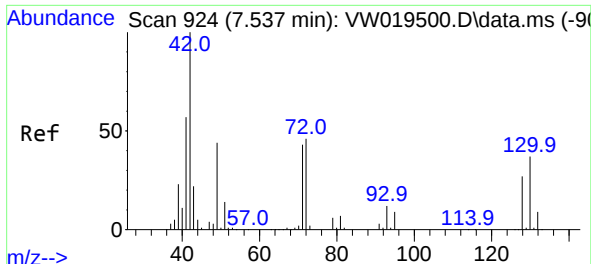
Delta R.T. 0.000 min

Lab File: VW019499.D

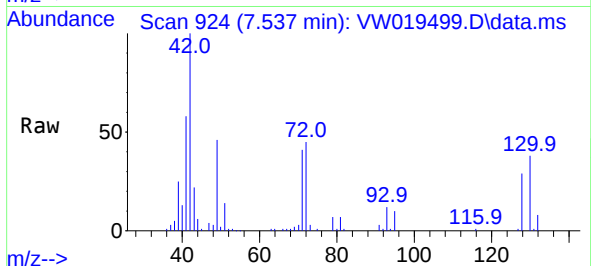
Acq: 19 Jul 2021 10:31

Tgt Ion:	49	Resp:	55502
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.4
130	73.8	59.8	89.6

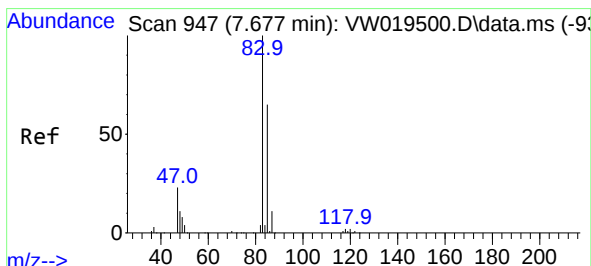
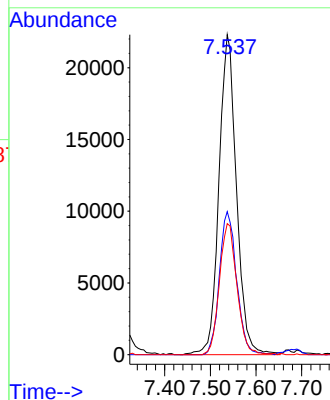
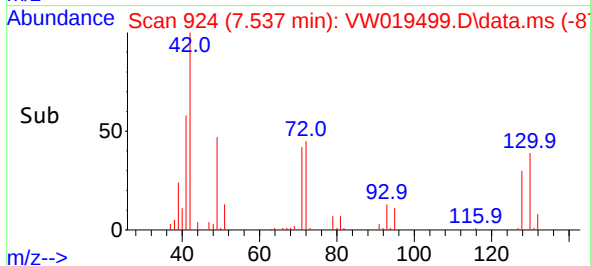




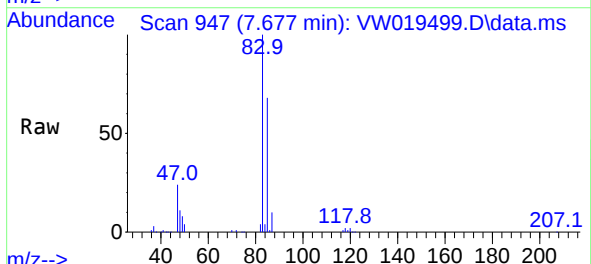
#29
Tetrahydrofuran
Concen: 97.353 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



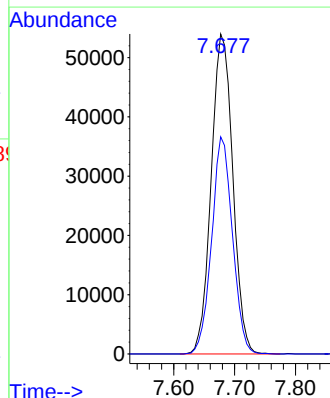
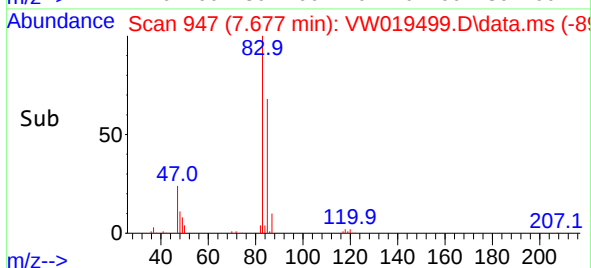
Tgt Ion: 42 Resp: 59281
Ion Ratio Lower Upper
42 100
72 44.1 35.8 53.8
71 40.9 33.4 50.2



#30
Chloroform
Concen: 20.569 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



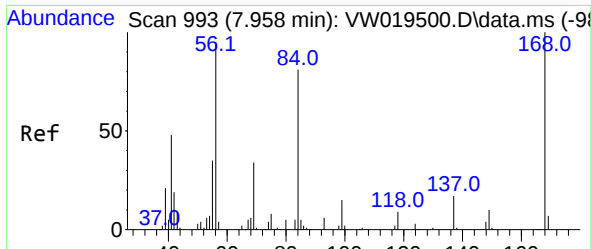
Tgt Ion: 83 Resp: 132860
Ion Ratio Lower Upper
83 100
85 67.8 52.1 78.1



Instrument :
MSVOA_W
ClientSampleId :
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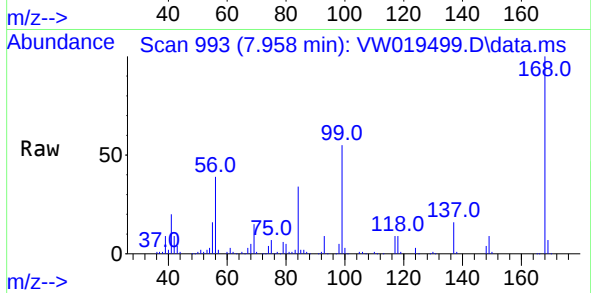
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#31
Cyclohexane
Concen: 20.565 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

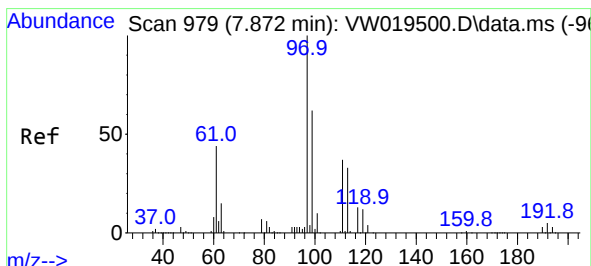
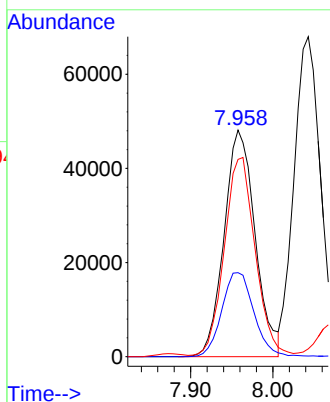
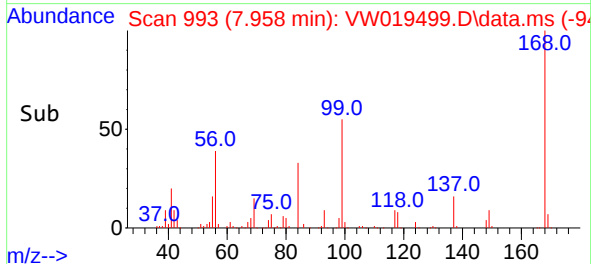
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



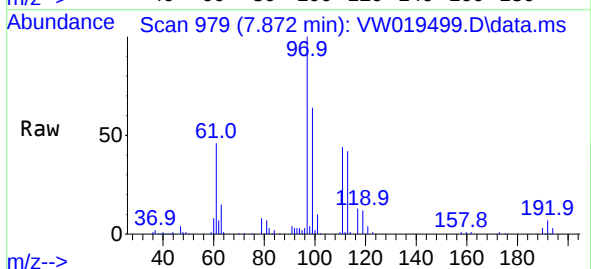
Tgt Ion: 56 Resp: 126608
Ion Ratio Lower Upper
56 100
69 37.1 28.3 42.5
84 86.0 68.1 102.1

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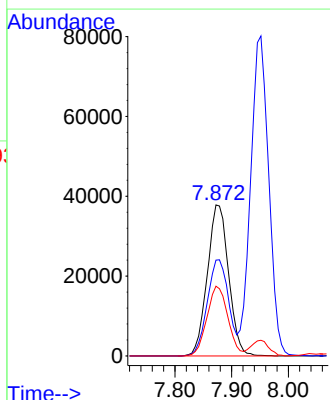
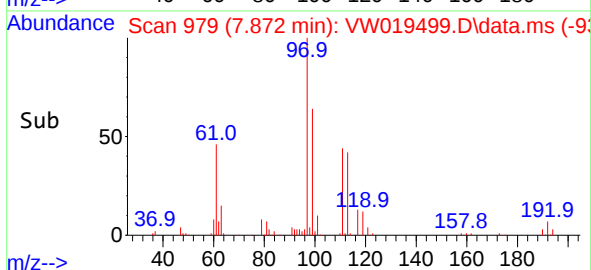
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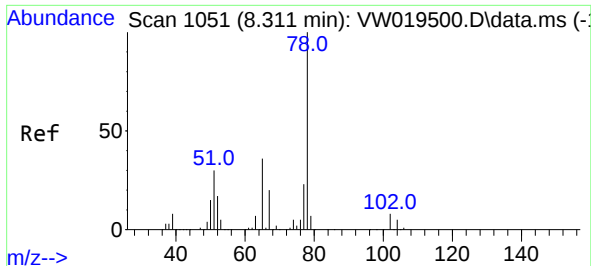


#32
1,1,1-Trichloroethane
Concen: 20.542 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion: 97 Resp: 98542
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 45.5 36.5 54.7





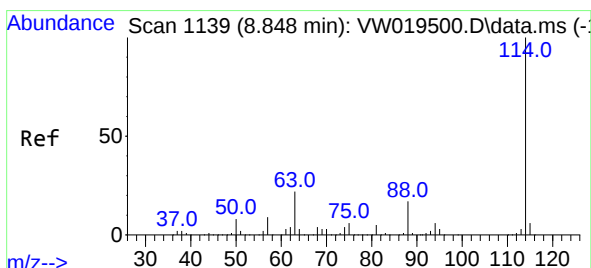
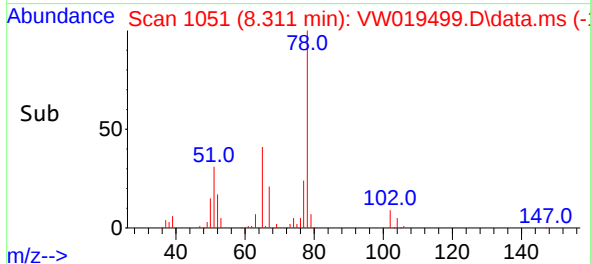
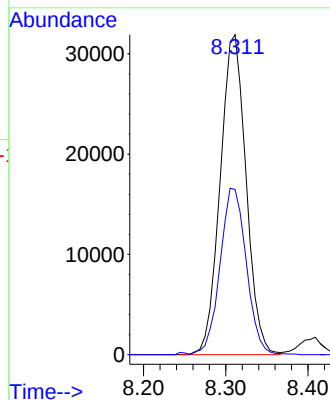
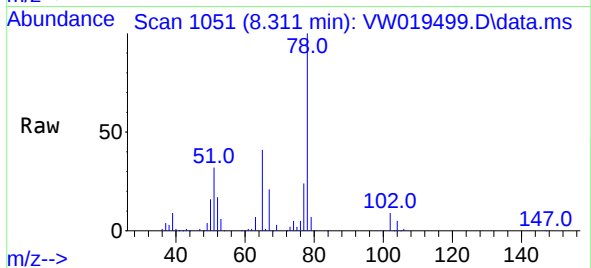
#33
1,2-Dichloroethane-d4
Concen: 21.462 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 65 Resp: 69814
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

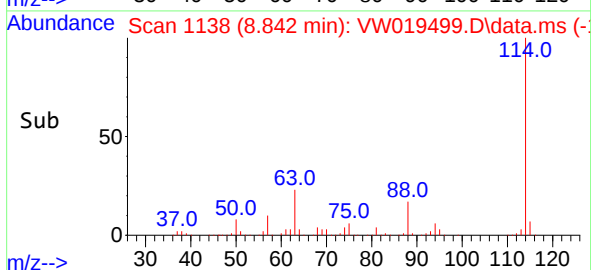
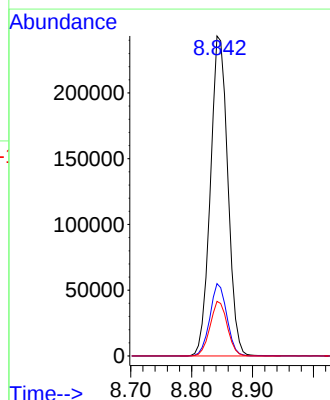
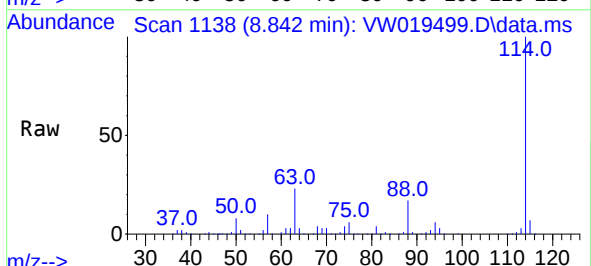
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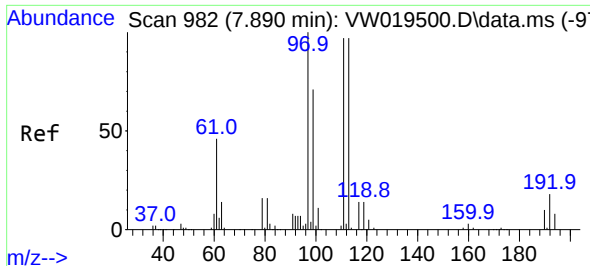
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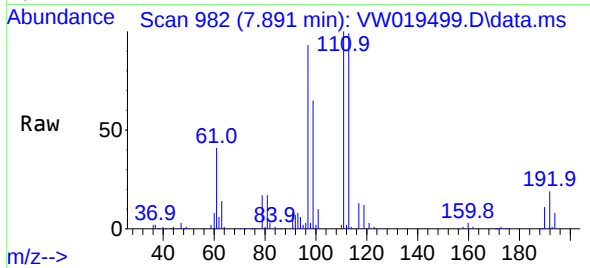
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 114 Resp: 482999
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.8
88 17.1 0.0 33.4

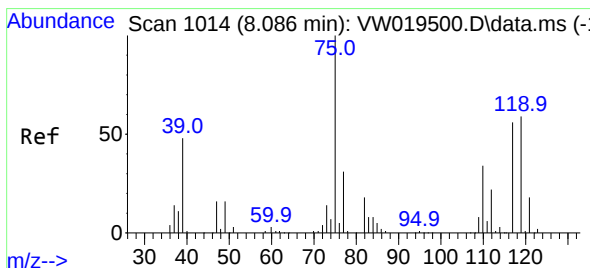
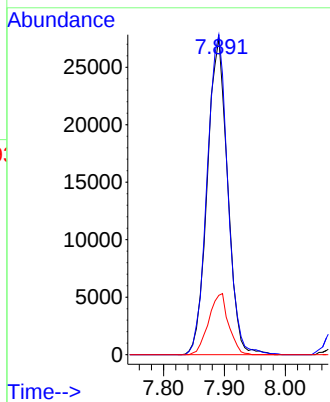
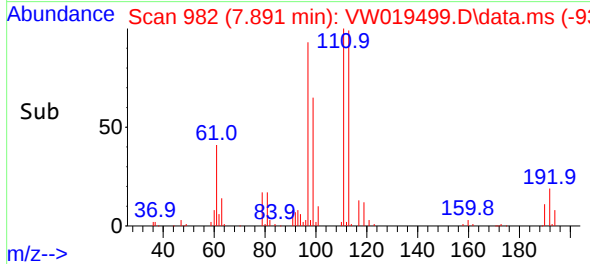




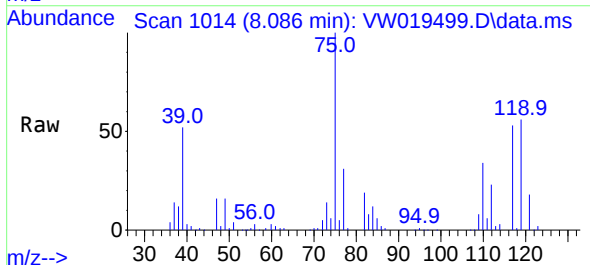
#35
Dibromofluoromethane
Concen: 21.586 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



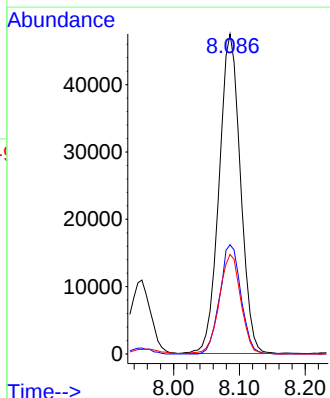
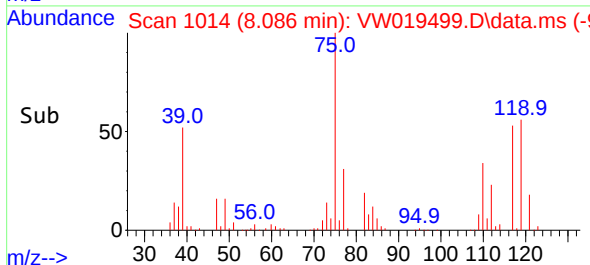
Tgt Ion: 113 Resp: 63700
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 20.820 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



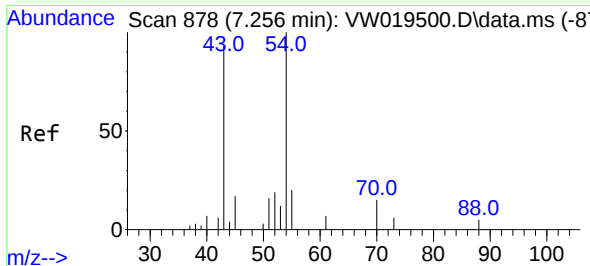
Tgt Ion: 75 Resp: 107205
Ion Ratio Lower Upper
75 100
110 33.8 16.6 49.7
77 31.4 25.1 37.7



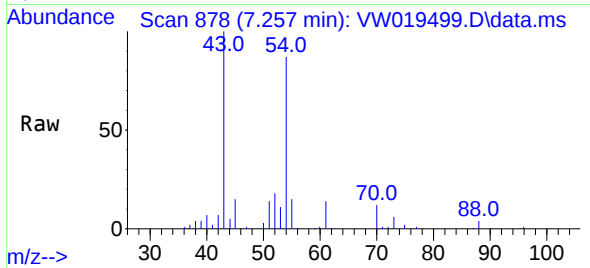
Instrument :
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ClientSampleId :
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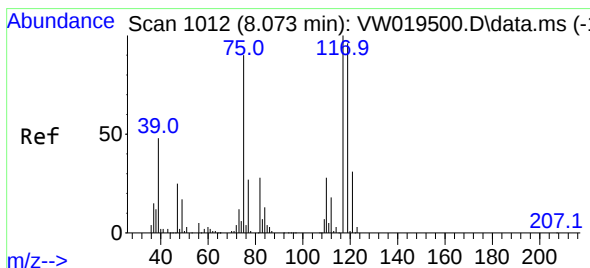
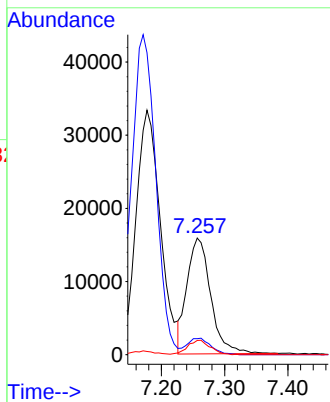
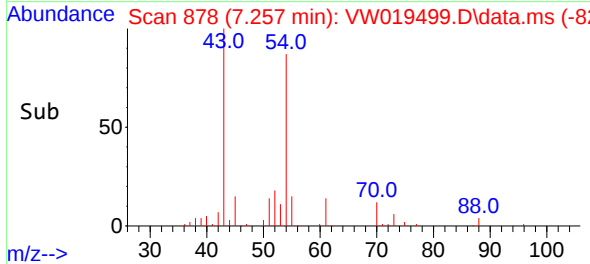


#37
Ethyl Acetate
Concen: 19.147 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

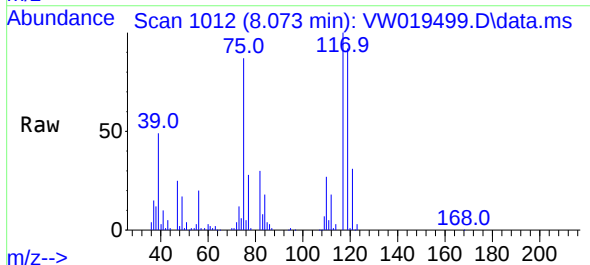


Tgt Ion: 43 Resp: 41318

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	11.9	9.4	14.0

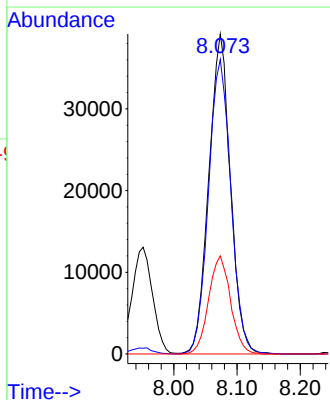
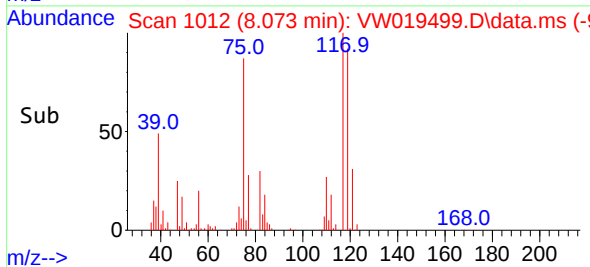


#38
Carbon Tetrachloride
Concen: 20.707 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion: 117 Resp: 93144

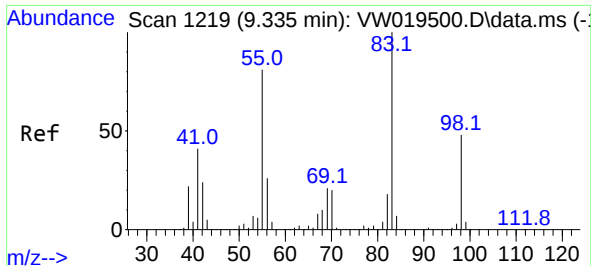
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.7	115.1
121	30.7	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
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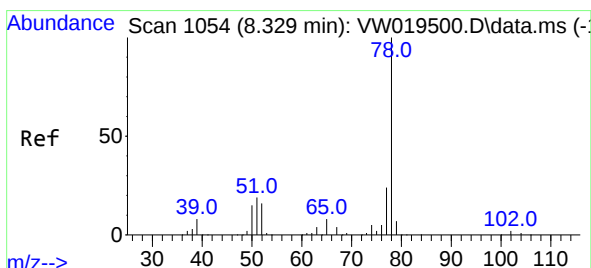
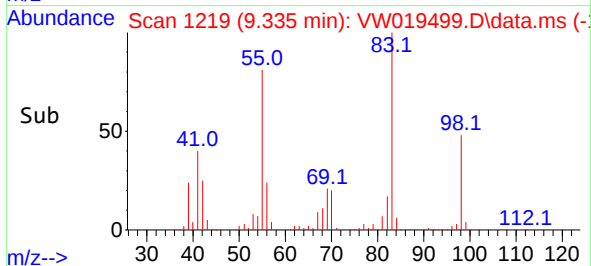
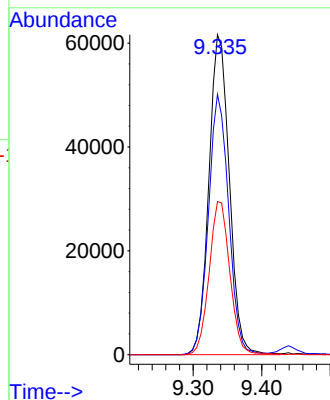
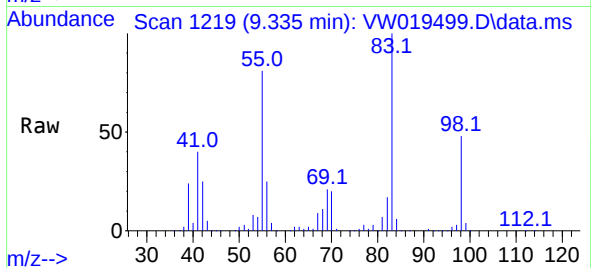
#39
Methylcyclohexane
Concen: 20.882 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 83 Resp: 127801
Ion Ratio Lower Upper
83 100
55 81.3 64.9 97.3
98 47.8 38.1 57.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

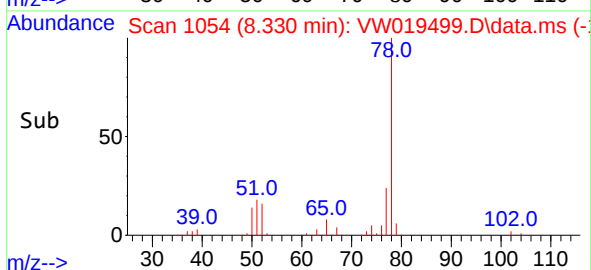
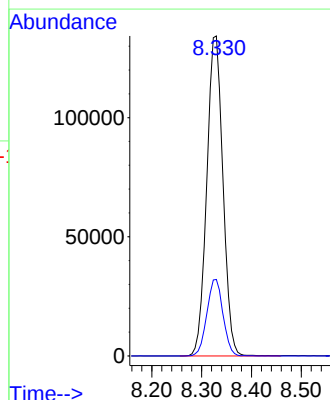
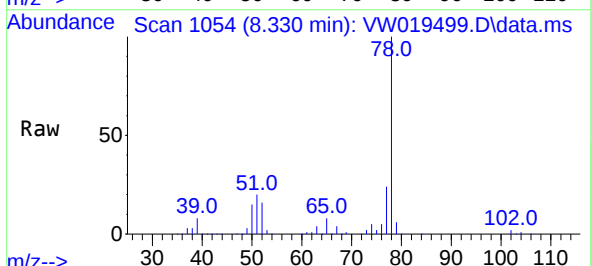
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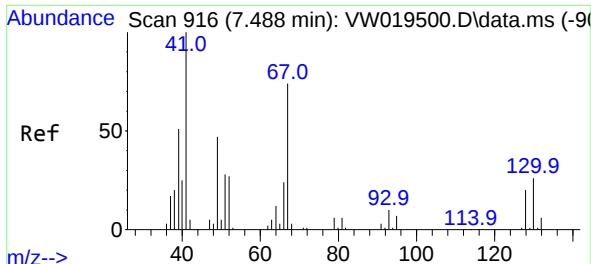
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#40
Benzene
Concen: 20.988 ug/l
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 78 Resp: 302465
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8





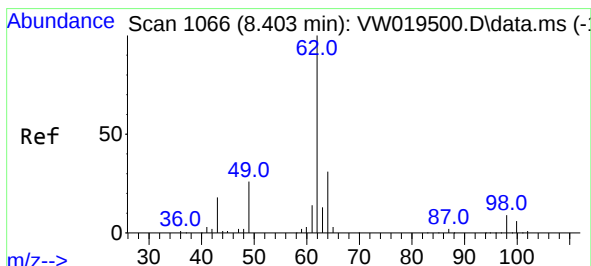
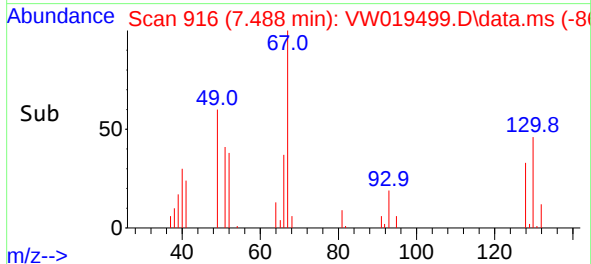
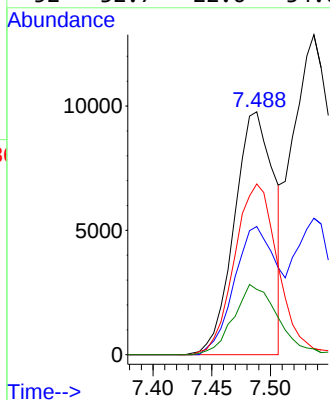
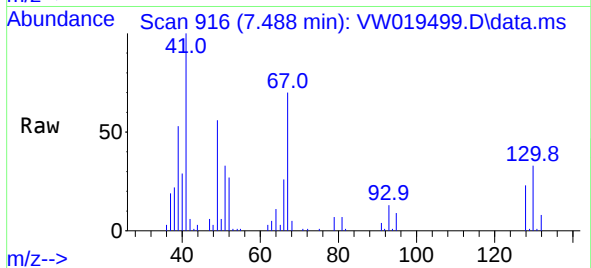
#41
Methacrylonitrile
Concen: 18.728 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:	41	Resp:	22945
Ion	Ratio	Lower	Upper
41	100		
39	58.3	41.6	62.4
67	77.7	55.3	82.9
52	32.7	22.6	34.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

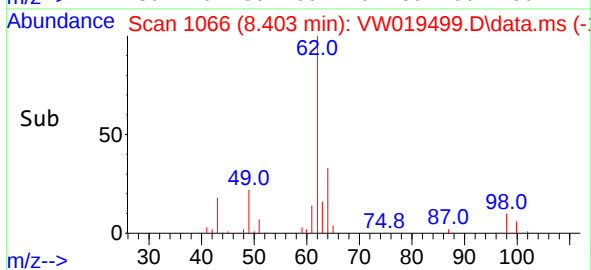
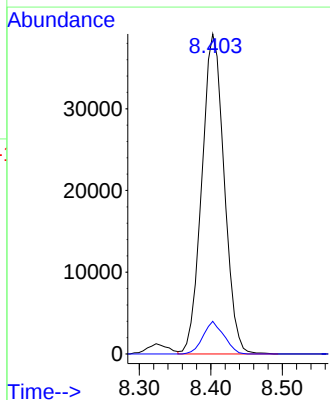
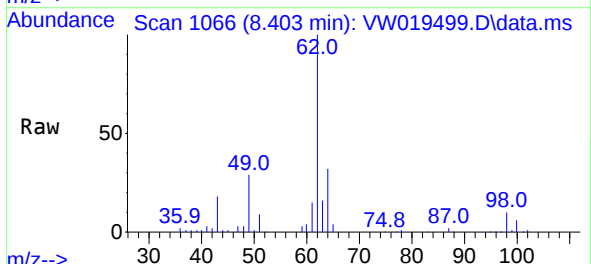
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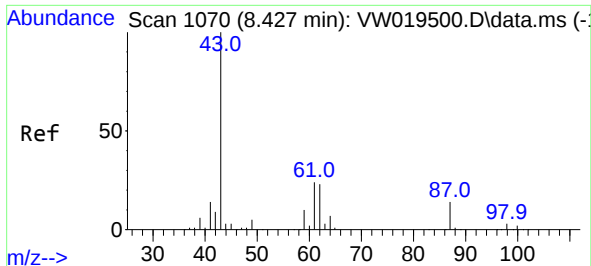
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#42
1,2-Dichloroethane
Concen: 20.438 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:	62	Resp:	84978
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





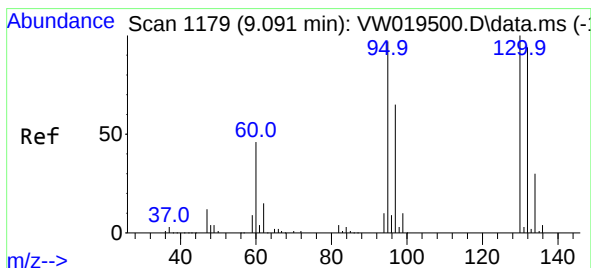
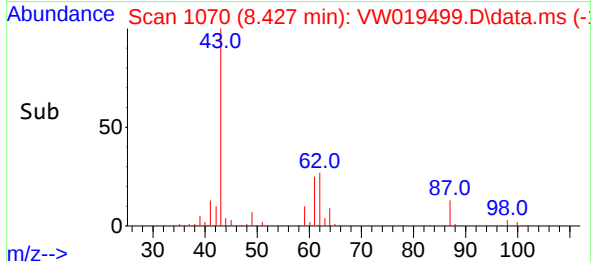
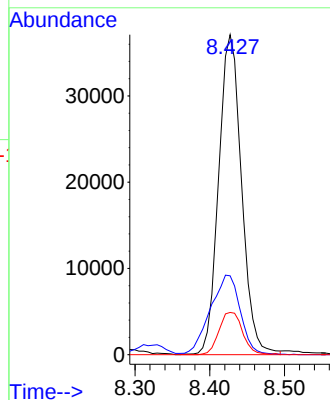
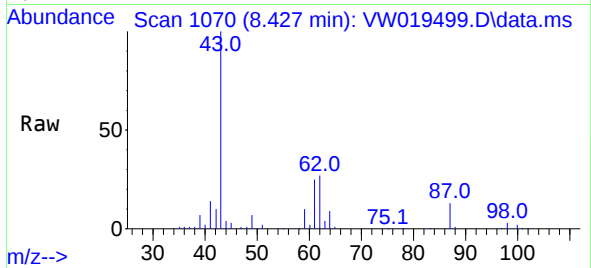
#43
Isopropyl Acetate
Concen: 19.637 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:	43	Resp:	79220
Ion	Ratio	Lower	Upper
43	100		
61	32.6	26.2	39.4
87	13.6	11.0	16.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

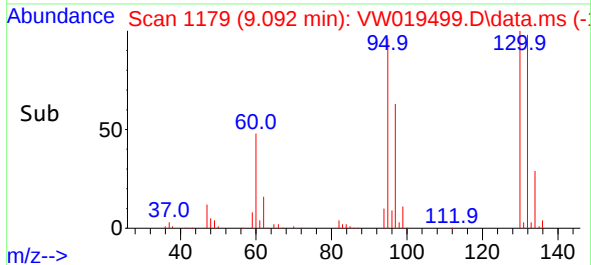
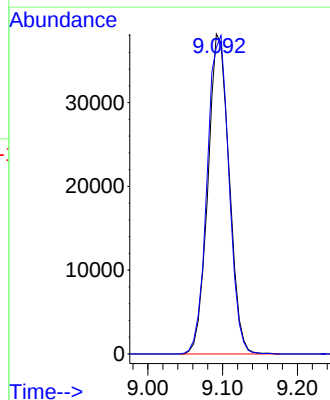
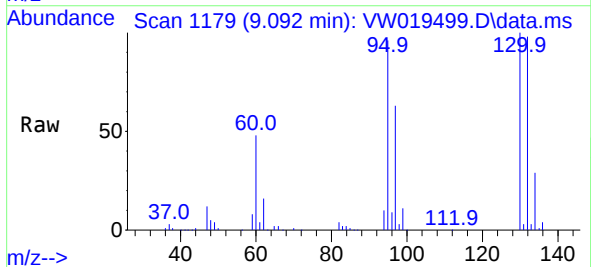
Manual Integrations
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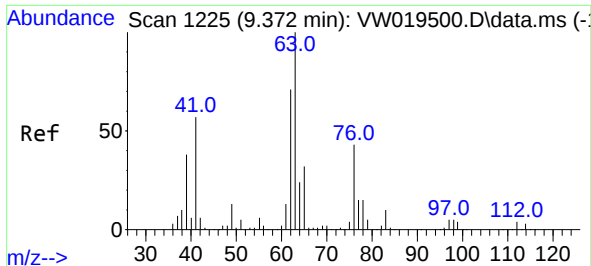
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#44
Trichloroethene
Concen: 20.743 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:	130	Resp:	75332
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	194.6





#45

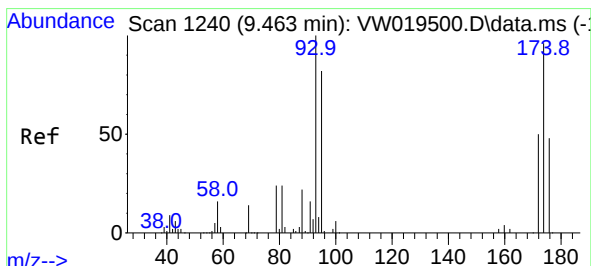
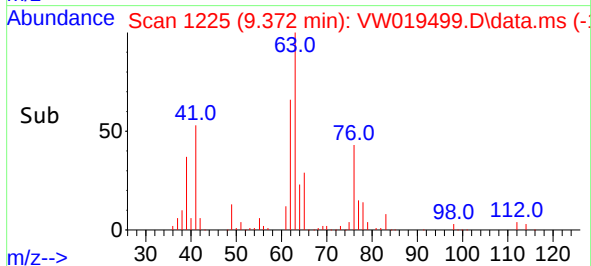
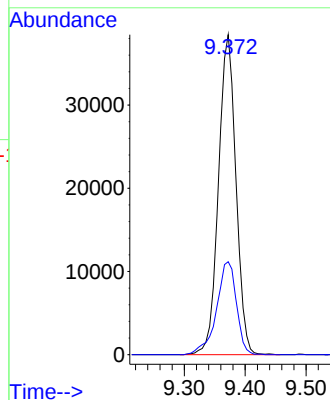
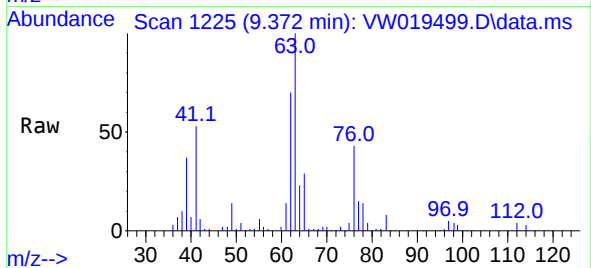
1,2-Dichloropropane
Concen: 21.002 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion: 63 Resp: 76436
Ion Ratio Lower Upper
63 100
65 29.0 25.3 37.9

Manual Integrations
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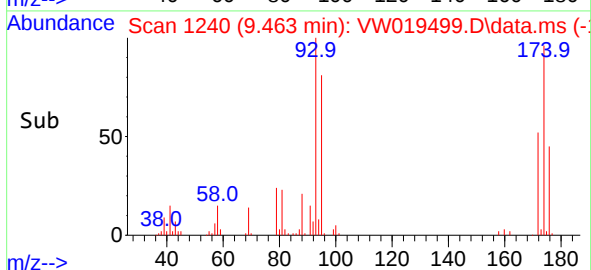
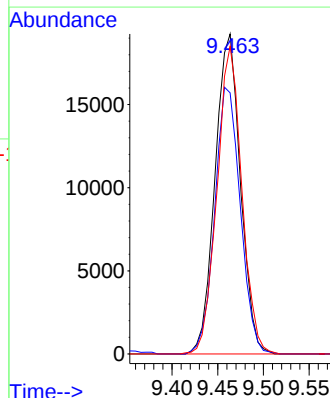
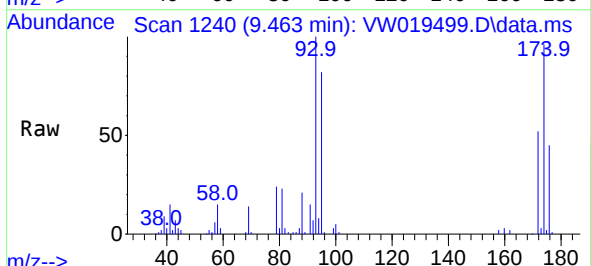
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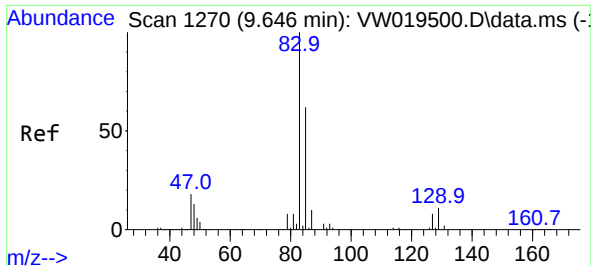


#46

Dibromomethane
Concen: 20.102 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

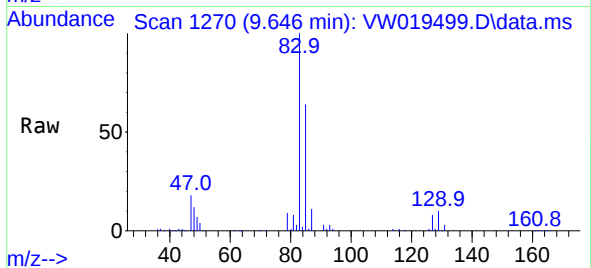
Tgt Ion: 93 Resp: 37112
Ion Ratio Lower Upper
93 100
95 84.2 66.0 99.0
174 94.2 75.0 112.6





#47
Bromodichloromethane
Concen: 20.568 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

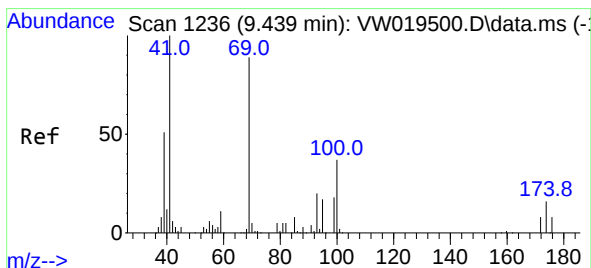
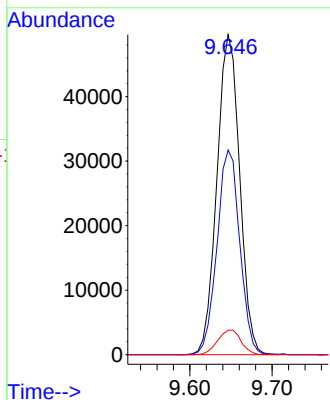
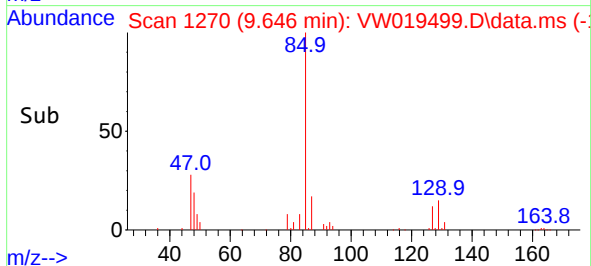
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



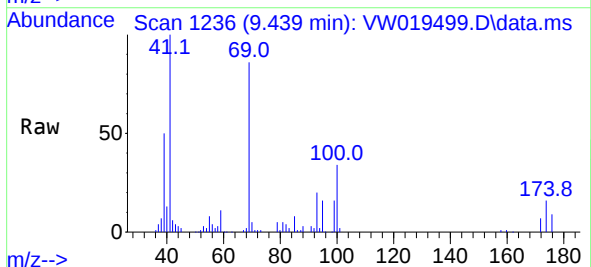
Tgt Ion: 83 Resp: 95378
Ion Ratio Lower Upper
83 100
85 63.9 49.9 74.9
127 7.7 6.2 9.4

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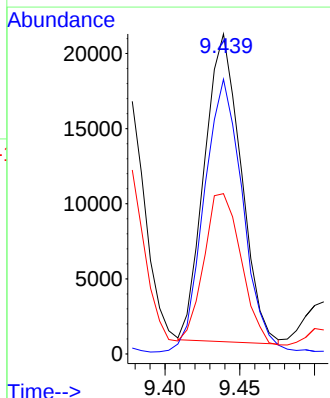
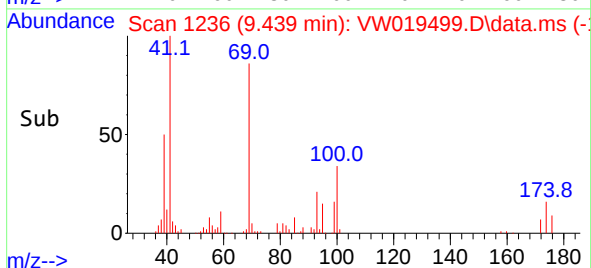
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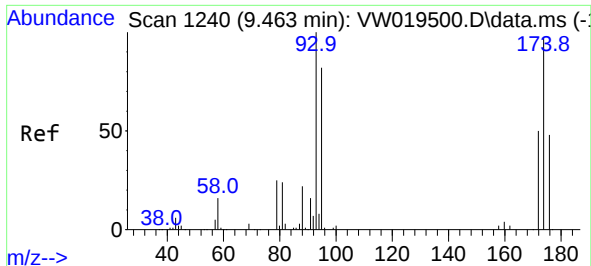


#48
Methyl methacrylate
Concen: 18.832 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion: 41 Resp: 34809
Ion Ratio Lower Upper
41 100
69 95.2 74.5 111.7
39 51.2 41.1 61.7





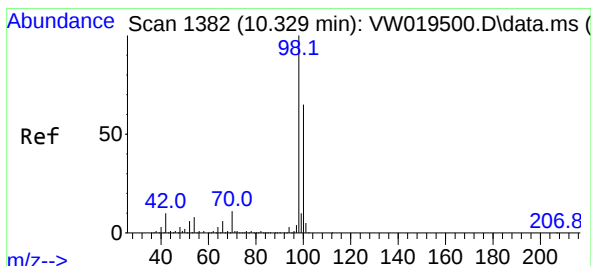
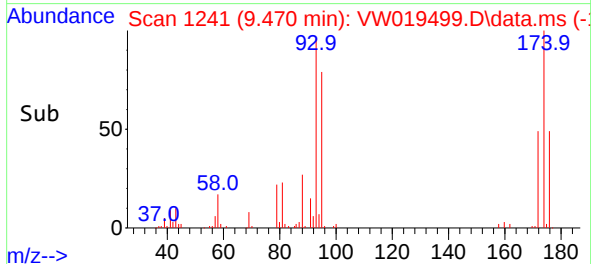
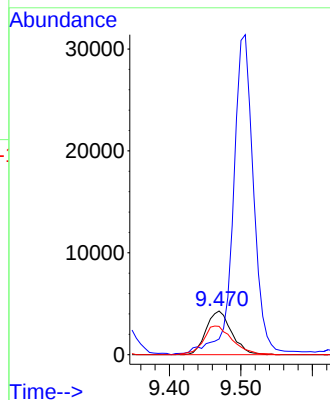
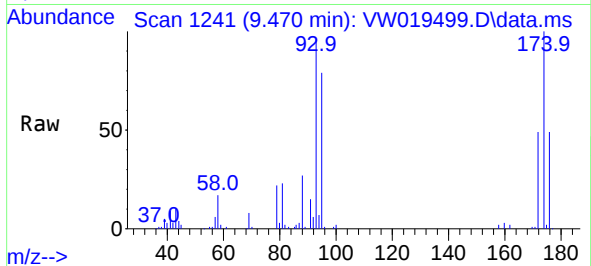
#49
1,4-Dioxane
Concen: 386.406 ug/l
RT: 9.470 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 88 Resp: 10554
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.3 61.8 92.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

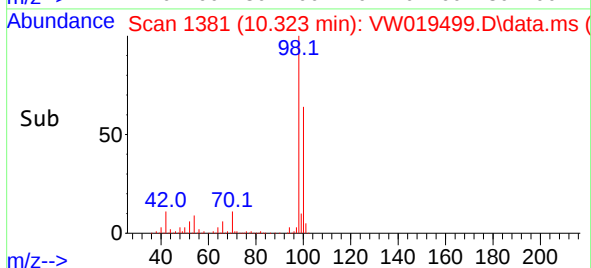
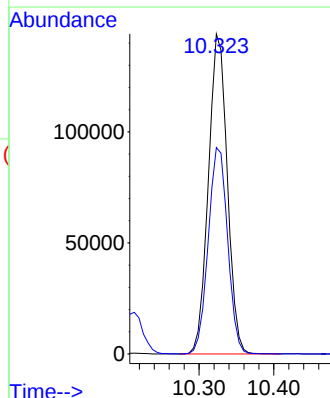
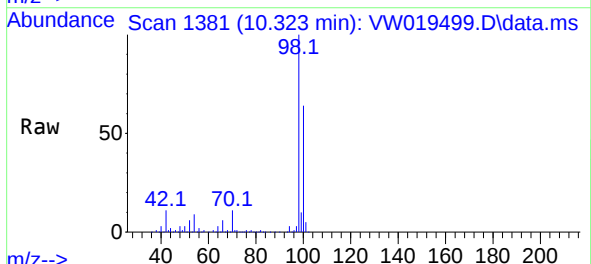
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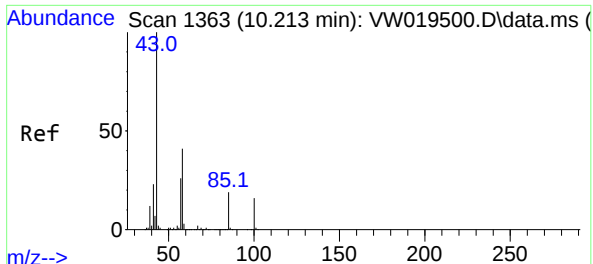
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#50
Toluene-d8
Concen: 22.197 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 98 Resp: 253611
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4





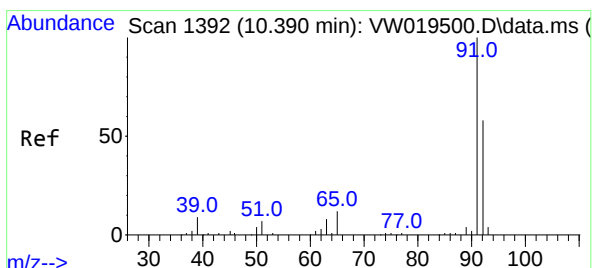
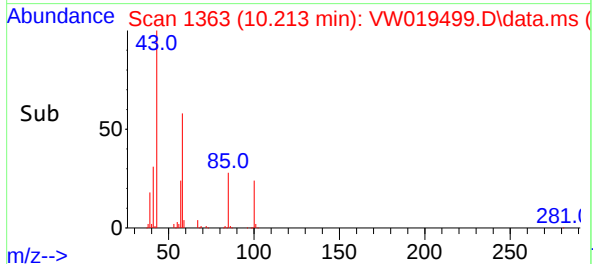
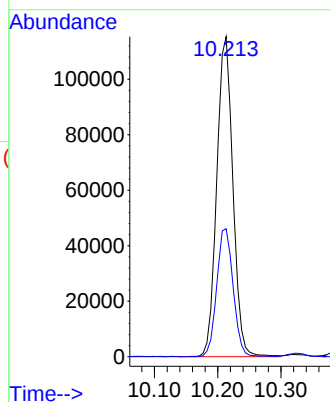
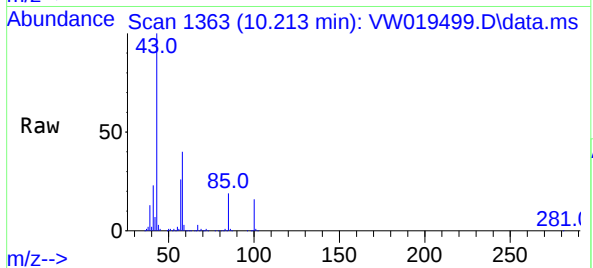
#51
4-Methyl-2-Pentanone
Concen: 97.966 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 43 Resp: 203851
Ion Ratio Lower Upper
43 100
58 40.7 33.4 50.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

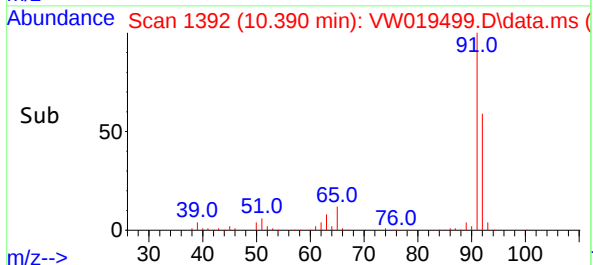
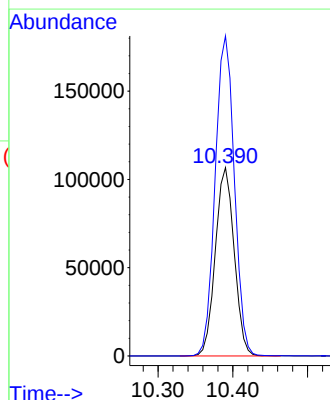
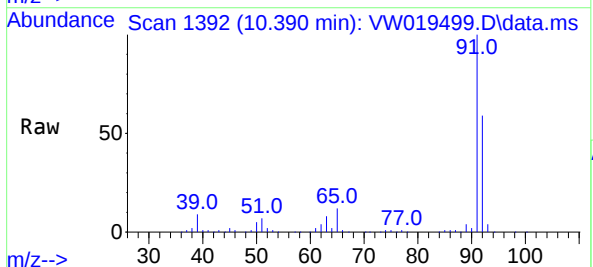
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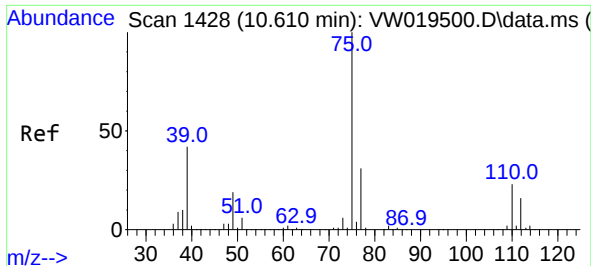
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#52
Toluene
Concen: 20.950 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 92 Resp: 187411
Ion Ratio Lower Upper
92 100
91 172.9 139.3 208.9





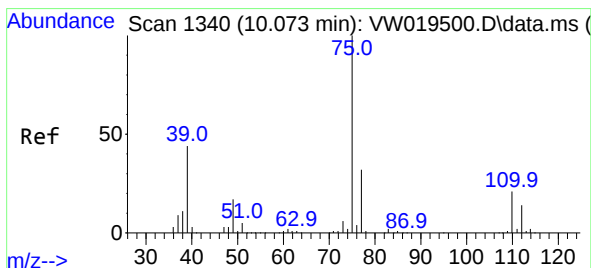
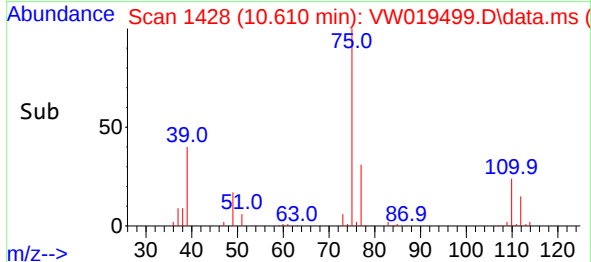
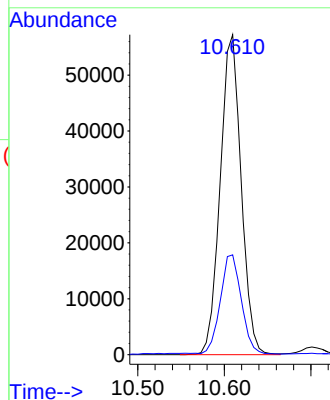
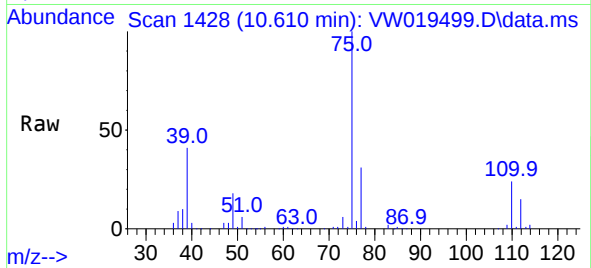
#53
t-1,3-Dichloropropene
Concen: 20.298 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 75 Resp: 96015
Ion Ratio Lower Upper
75 100
77 31.0 24.9 37.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

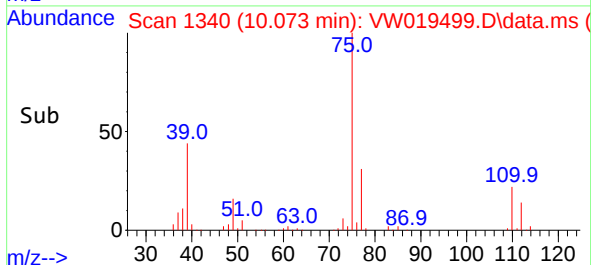
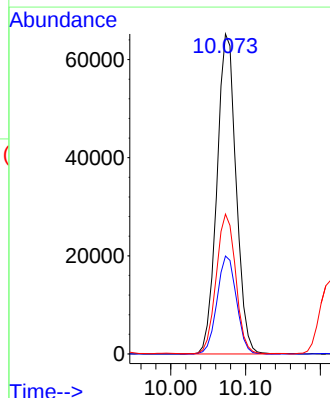
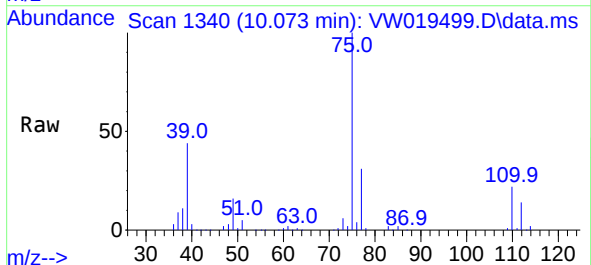
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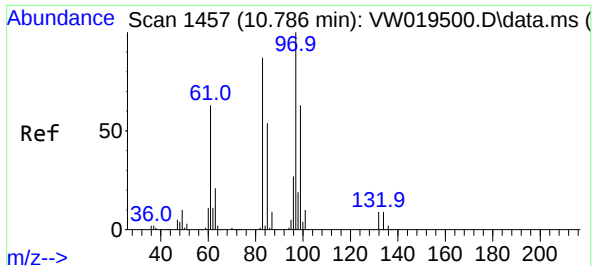
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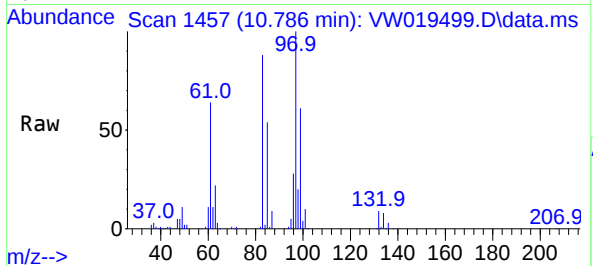
#54
cis-1,3-Dichloropropene
Concen: 20.692 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 75 Resp: 116461
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 43.6 35.3 52.9

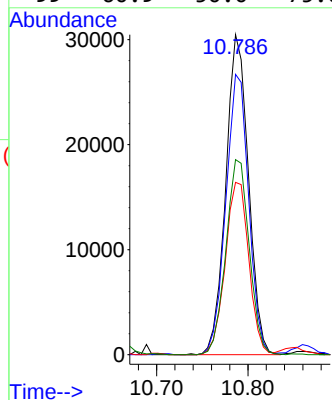




#55
1,1,2-Trichloroethane
Concen: 20.233 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



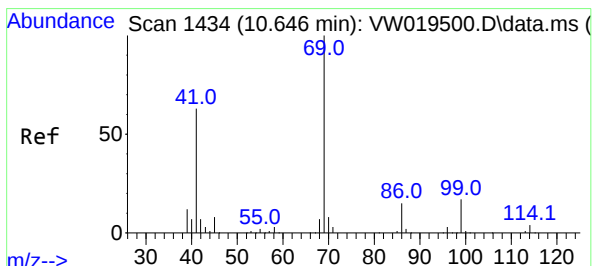
Tgt Ion:	97	Resp:	52610
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.4	104.2
85	53.9	43.3	64.9
99	60.9	50.0	75.0



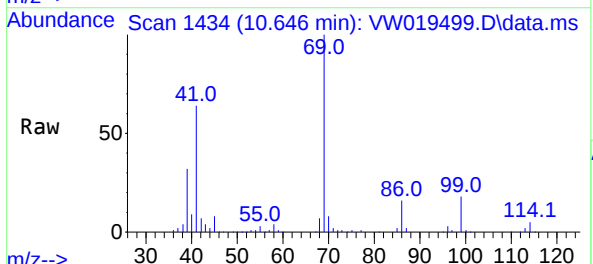
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
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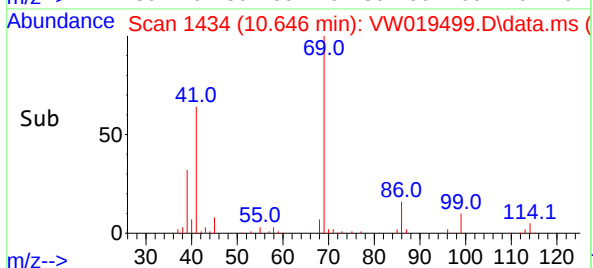
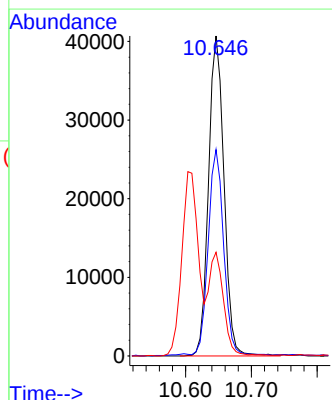
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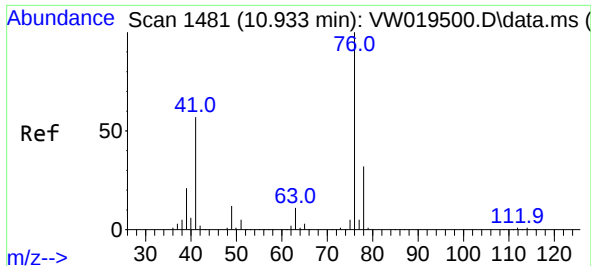


#56
Ethyl methacrylate
Concen: 19.578 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion:	69	Resp:	66656
Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.0	76.6
39	30.6	23.9	35.9





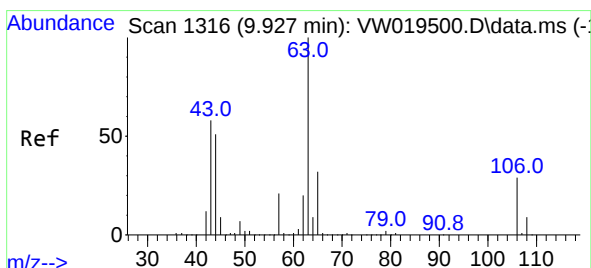
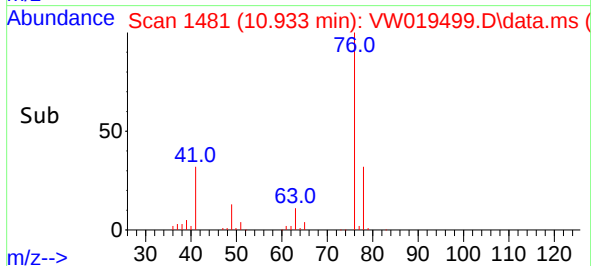
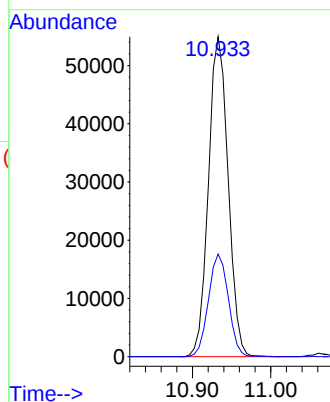
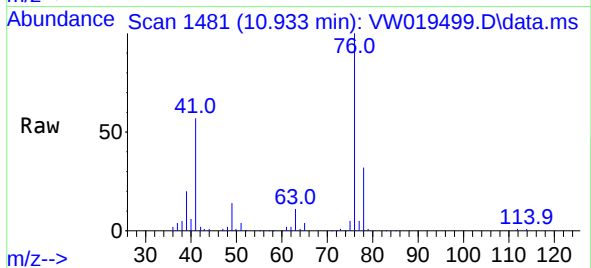
#57
1,3-Dichloropropane
Concen: 20.382 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 76 Resp: 95853
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

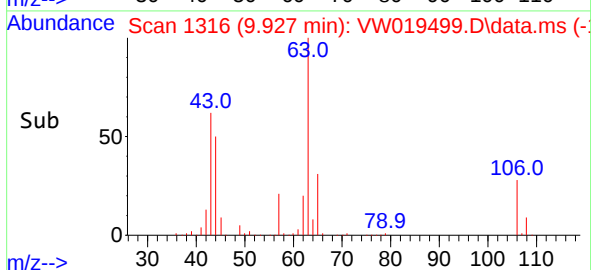
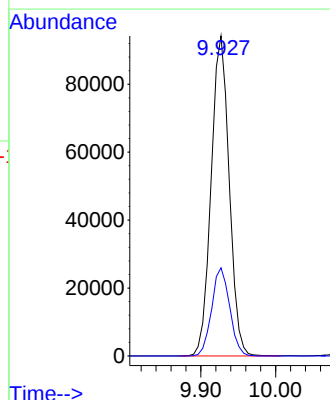
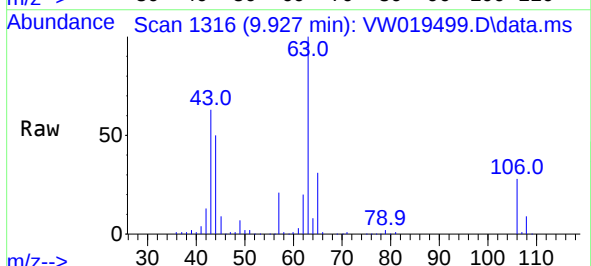
Manual Integrations
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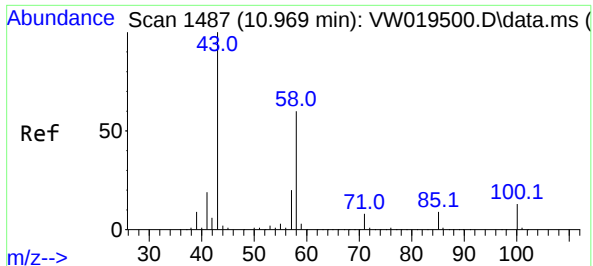
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#58
2-Chloroethyl Vinyl ether
Concen: 100.537 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 63 Resp: 158408
Ion Ratio Lower Upper
63 100
106 27.4 22.6 33.8





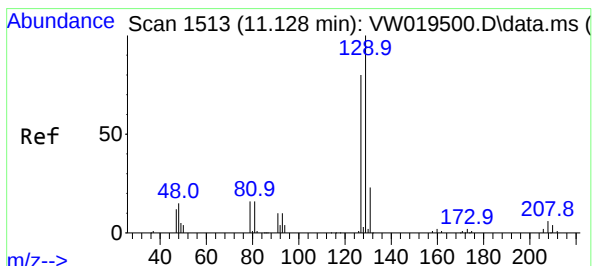
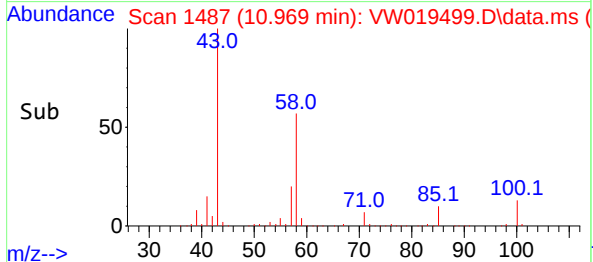
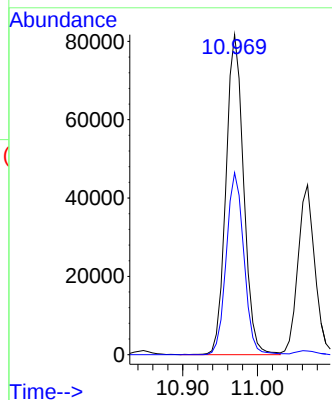
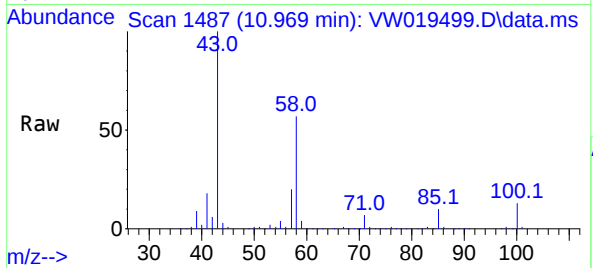
#59
2-Hexanone
Concen: 97.519 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 43 Resp: 134630
Ion Ratio Lower Upper
43 100
58 56.5 29.3 87.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

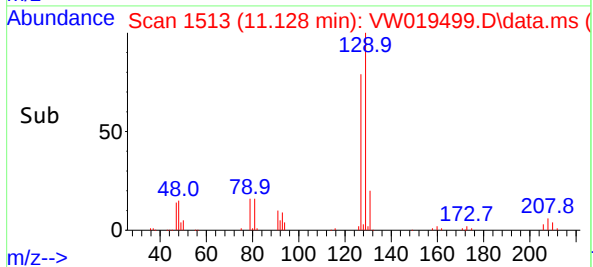
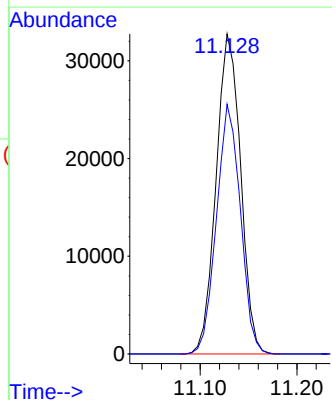
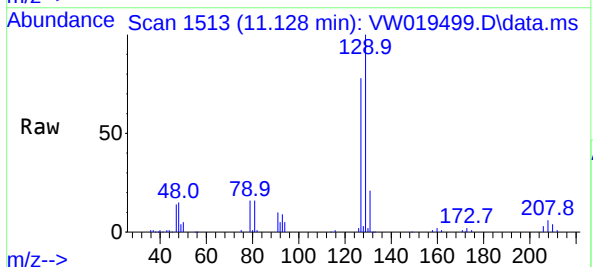
Manual Integrations
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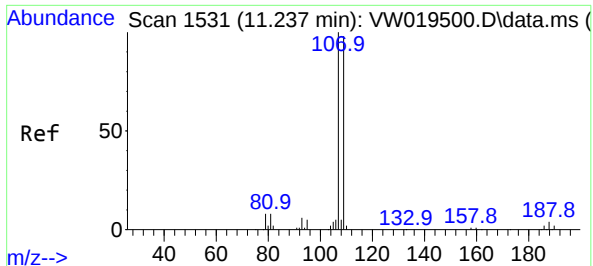
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#60
Dibromochloromethane
Concen: 20.178 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

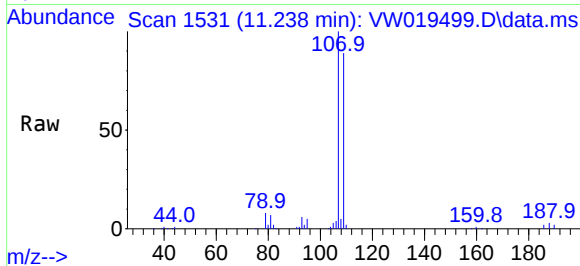
Tgt Ion:129 Resp: 57645
Ion Ratio Lower Upper
129 100
127 76.2 39.8 119.4





#61
1,2-Dibromoethane
Concen: 20.087 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

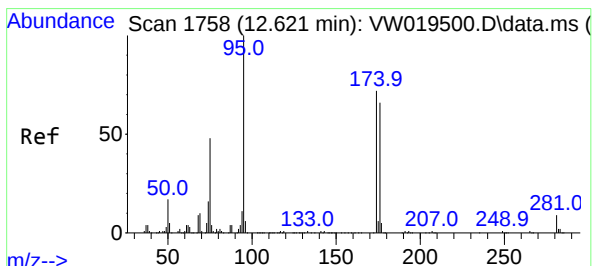
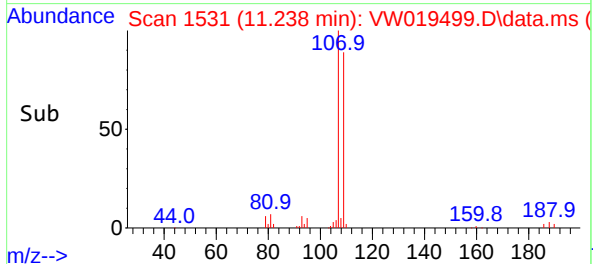
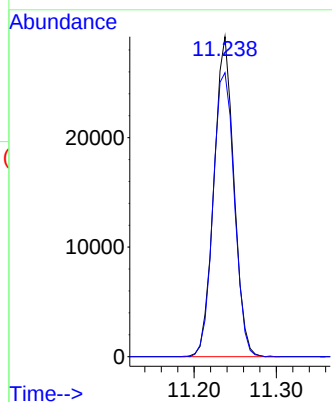
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



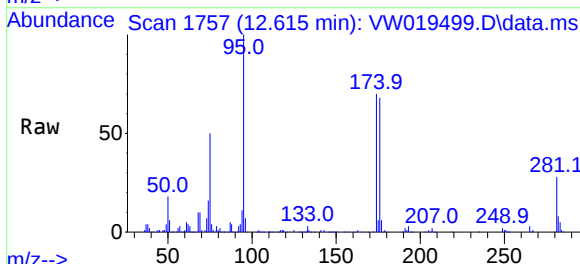
Tgt Ion:107 Resp: 49305
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

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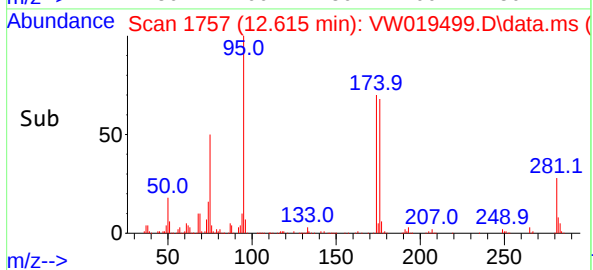
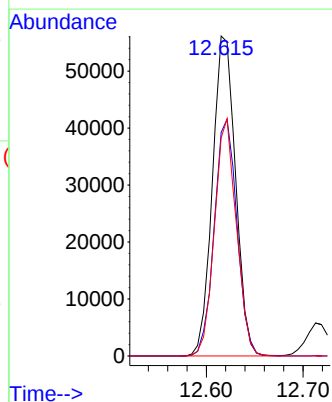
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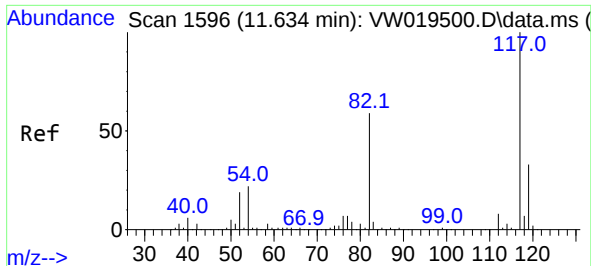


#62
4-Bromofluorobenzene
Concen: 21.723 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

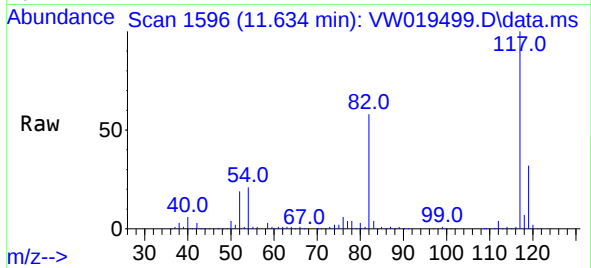


Tgt Ion: 95 Resp: 93098
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.6
176 70.0 0.0 136.8

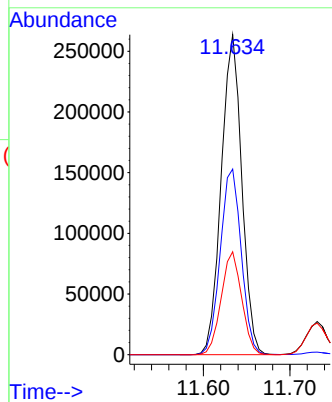
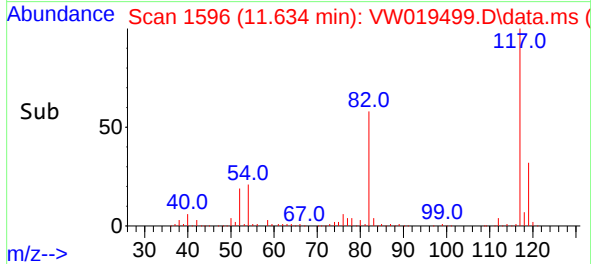




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



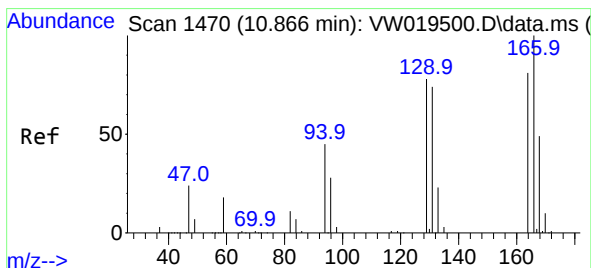
Tgt Ion:117 Resp: 434022
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.0
119 32.1 26.6 39.8



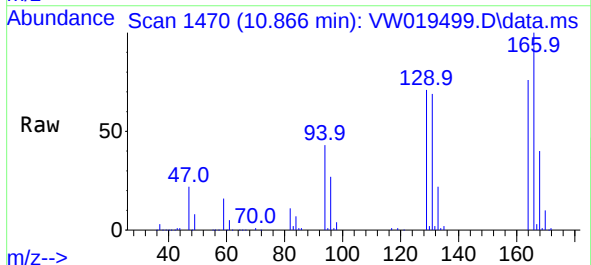
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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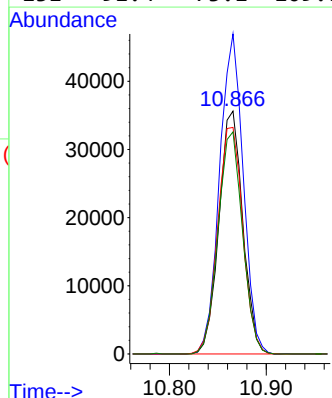
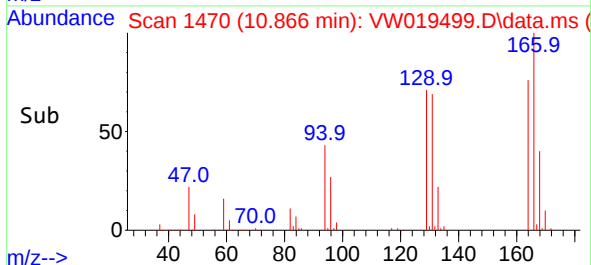
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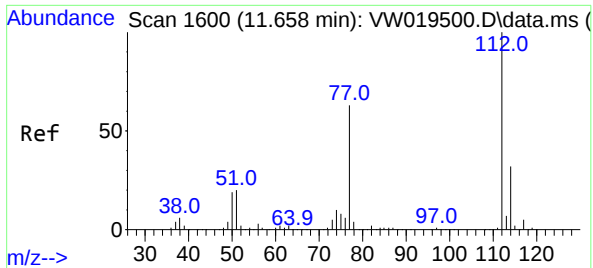


#64
Tetrachloroethene
Concen: 20.914 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion:164 Resp: 60965
Ion Ratio Lower Upper
164 100
166 131.7 98.5 147.7
129 93.3 76.3 114.5
131 91.4 73.1 109.7





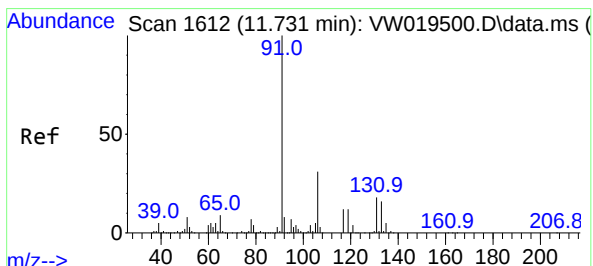
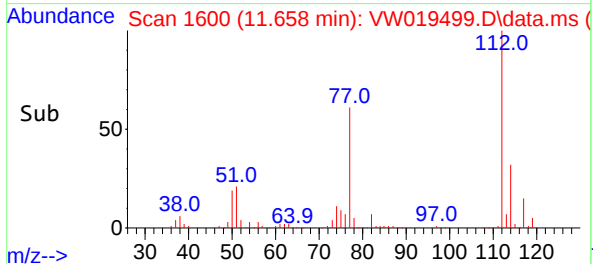
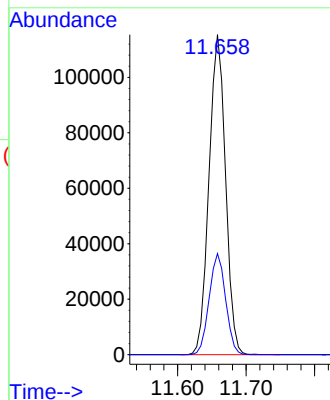
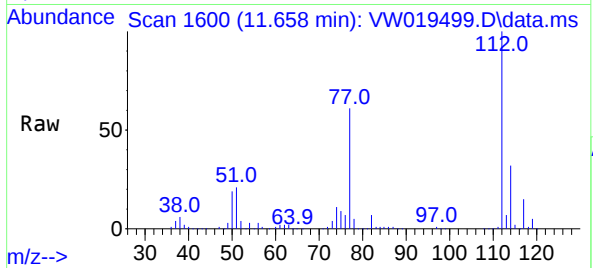
#65
Chlorobenzene
Concen: 20.959 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 193500
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

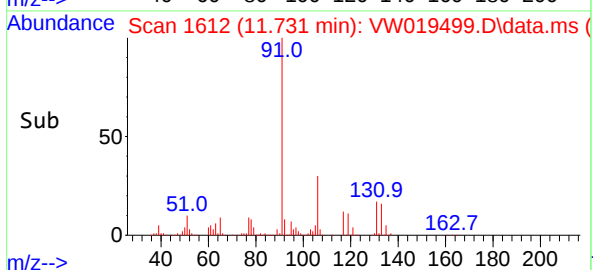
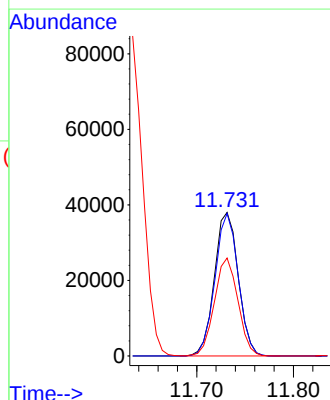
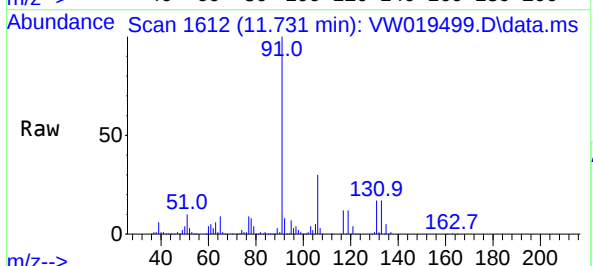
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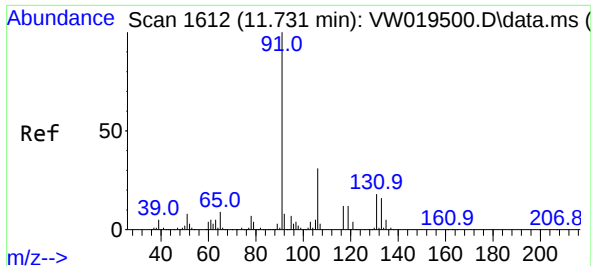
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.480 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:131 Resp: 65036
Ion Ratio Lower Upper
131 100
133 96.8 46.8 140.3
119 67.5 32.9 98.6





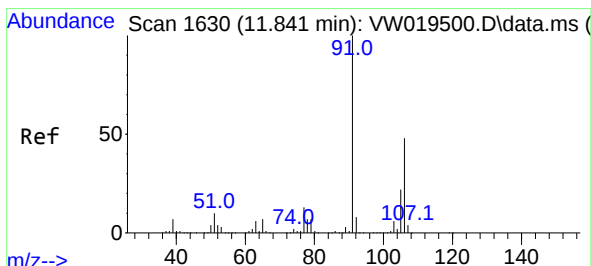
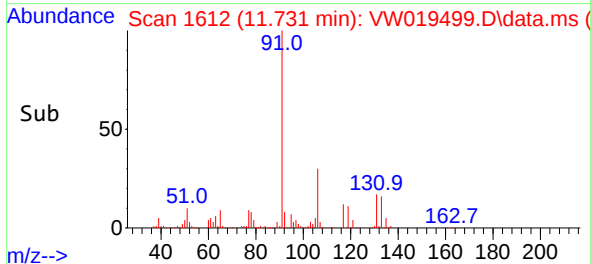
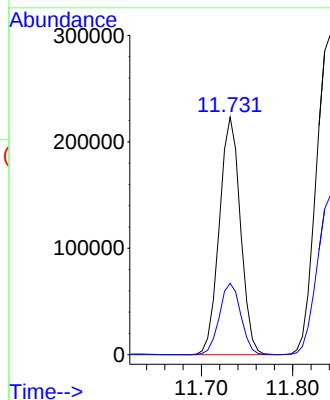
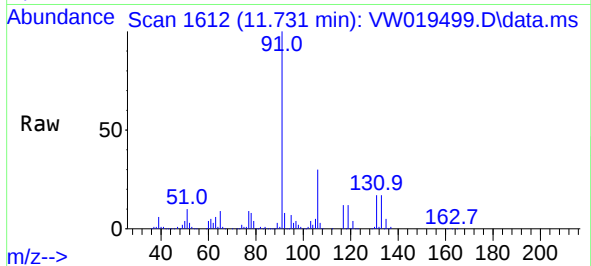
#67
Ethyl Benzene
Concen: 21.220 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 91 Resp: 358630
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

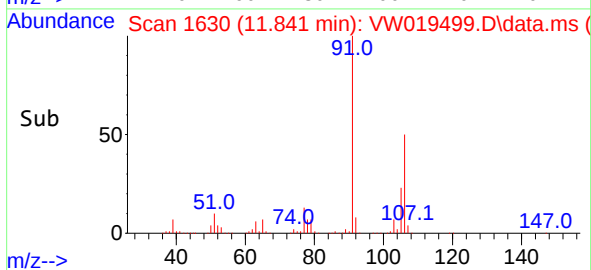
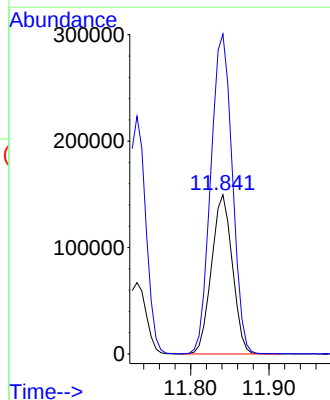
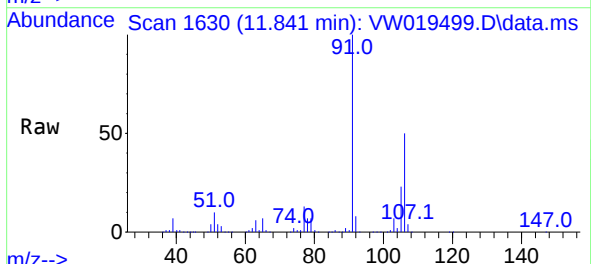
Manual Integrations
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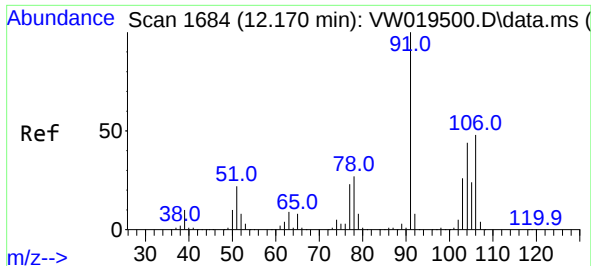
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#68
m/p-Xylenes
Concen: 42.820 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:106 Resp: 276645
Ion Ratio Lower Upper
106 100
91 207.5 164.3 246.5





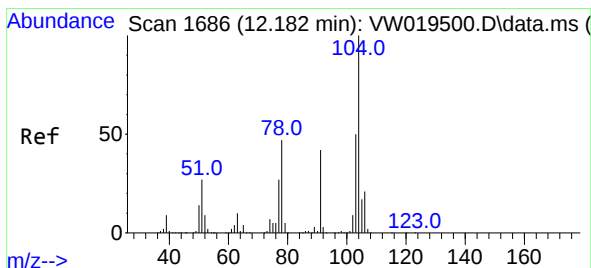
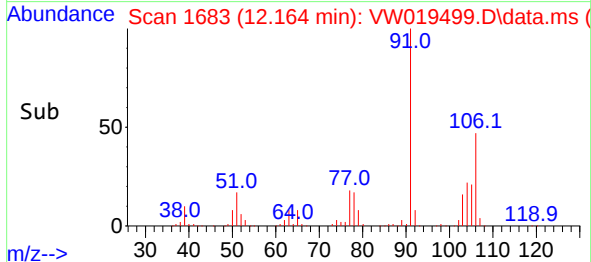
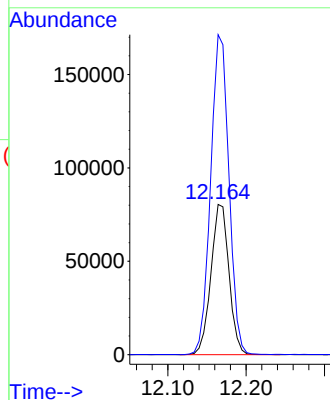
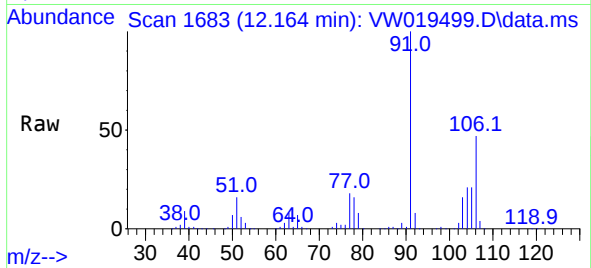
#69
o-Xylene
Concen: 21.288 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:106 Resp: 128578
Ion Ratio Lower Upper
106 100
91 215.8 106.5 319.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

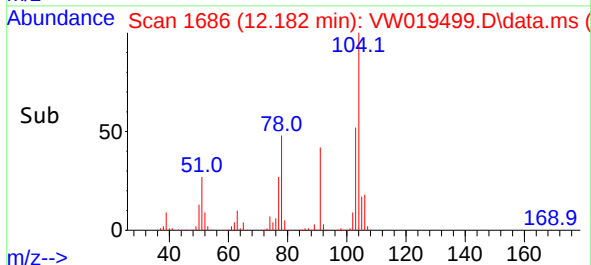
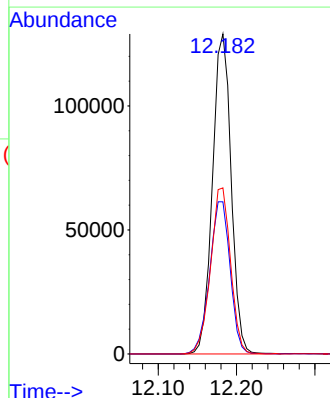
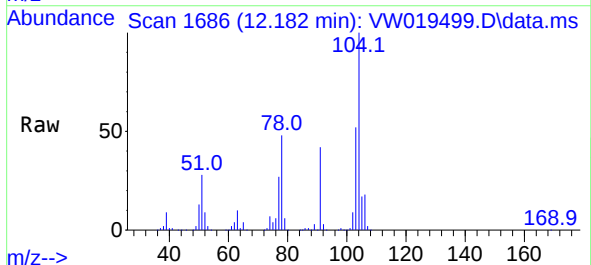
Manual Integrations
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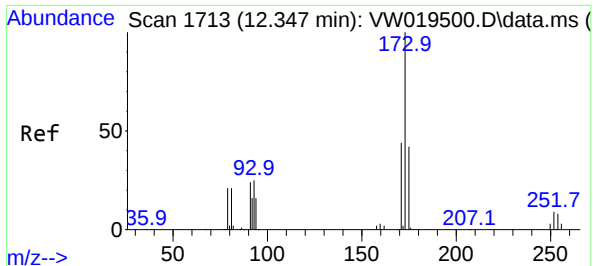
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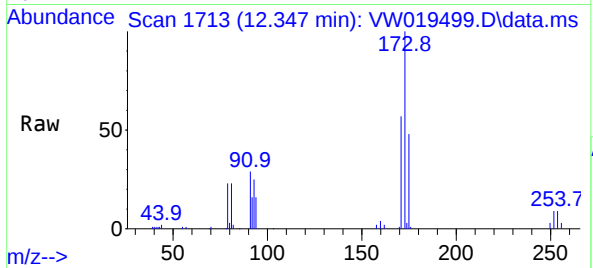
#70
Styrene
Concen: 20.972 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:104 Resp: 213982
Ion Ratio Lower Upper
104 100
78 52.4 41.4 62.0
103 55.5 43.3 64.9

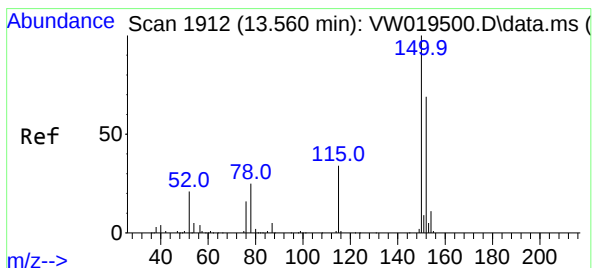
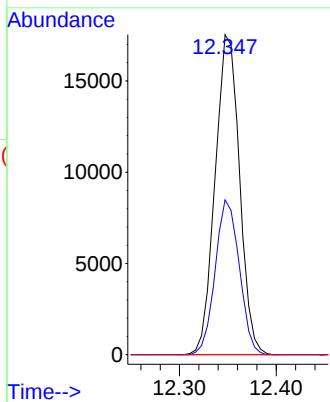
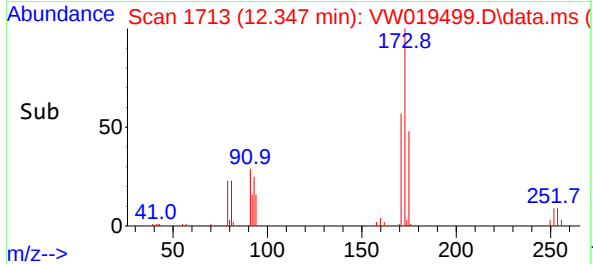




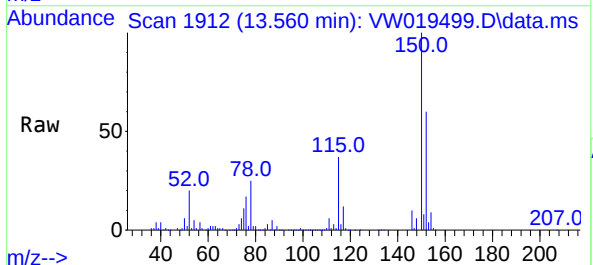
#71
Bromoform
Concen: 19.391 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



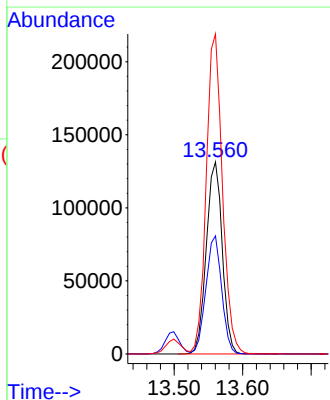
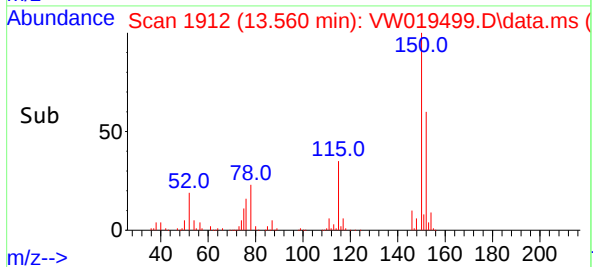
Tgt Ion:173 Resp: 30701
Ion Ratio Lower Upper
173 100
175 47.8 21.9 65.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



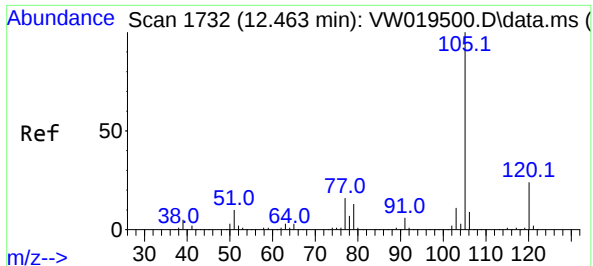
Tgt Ion:152 Resp: 212431
Ion Ratio Lower Upper
152 100
115 61.1 30.6 91.8
150 169.0 0.0 342.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
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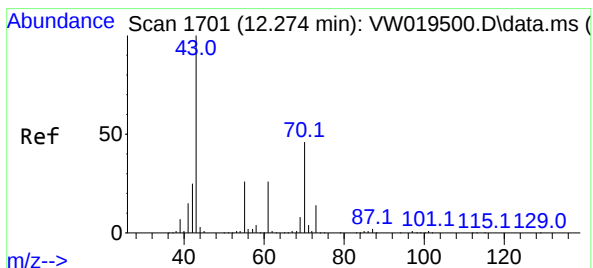
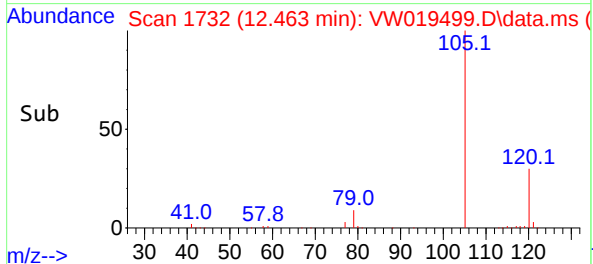
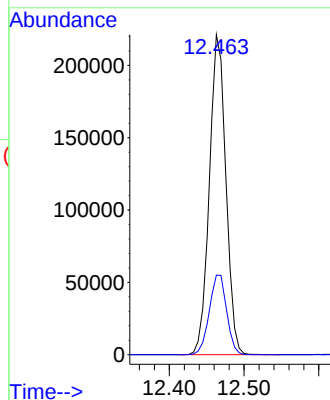
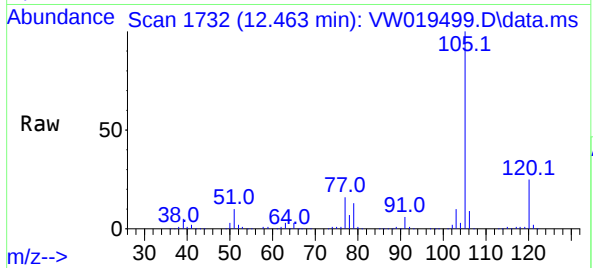
#73
Isopropylbenzene
Concen: 21.010 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 339108
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

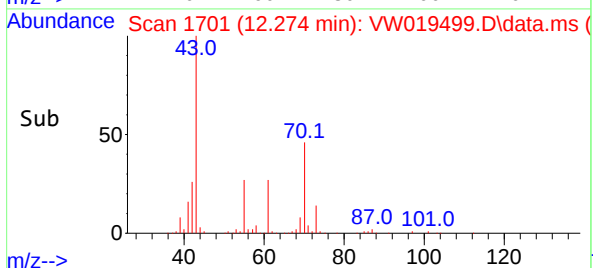
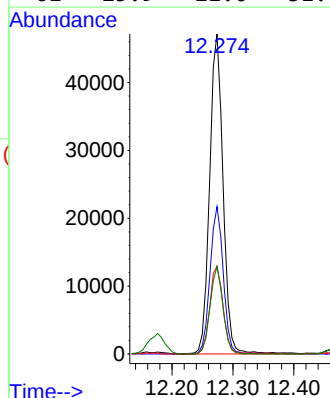
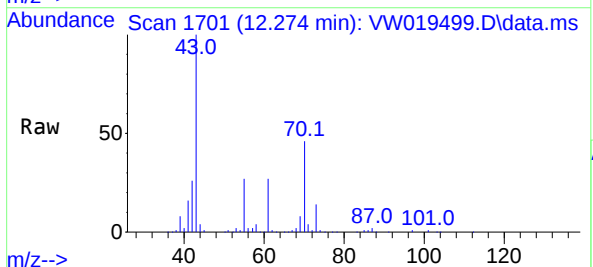
Manual Integrations
APPROVED

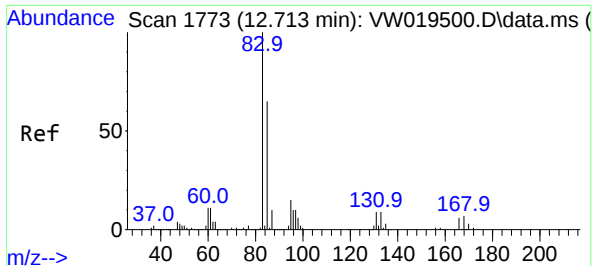
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#74
N-ethyl acetate
Concen: 19.537 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

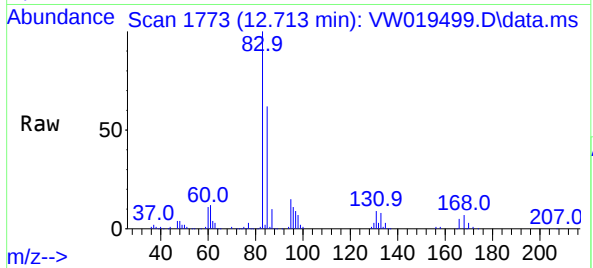
Tgt Ion: 43 Resp: 72149
Ion Ratio Lower Upper
43 100
70 45.2 37.0 55.4
55 27.6 21.3 31.9
61 25.9 21.0 31.6





#75
1,1,2,2-Tetrachloroethane
Concen: 20.109 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

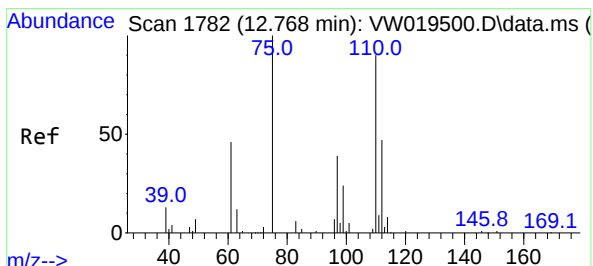
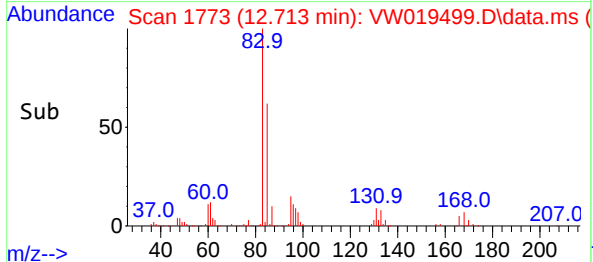
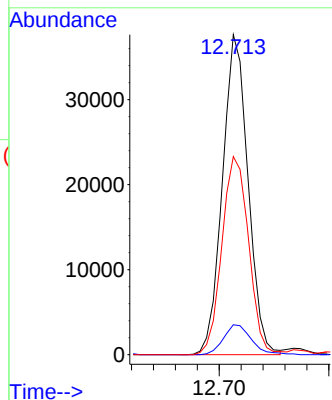
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020



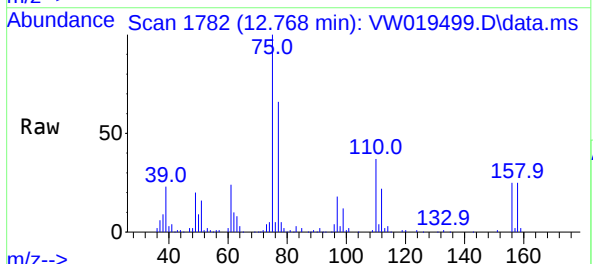
Tgt Ion: 83 Resp: 61039
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.4
85 64.8 31.8 95.4

Manual Integrations
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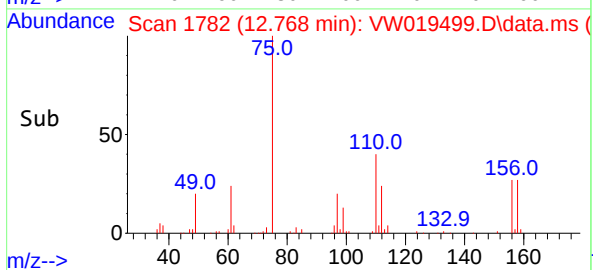
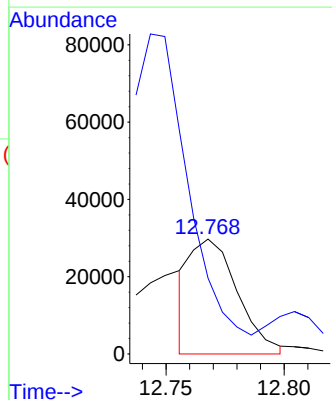
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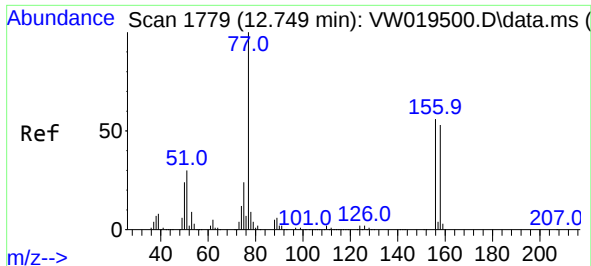


#76
1,2,3-Trichloropropane
Concen: 19.762 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



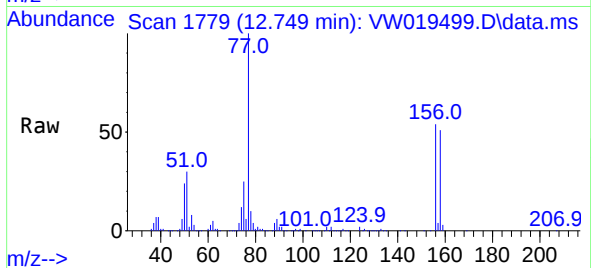
Tgt Ion: 75 Resp: 41491
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.736 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

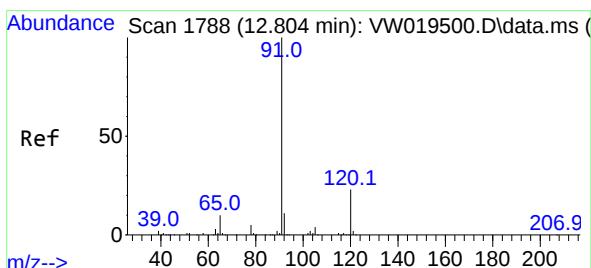
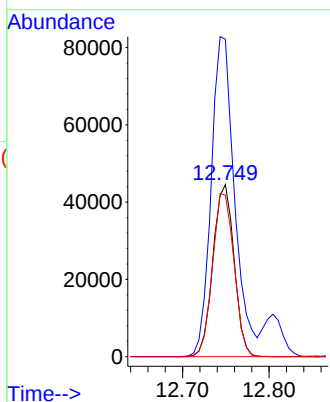
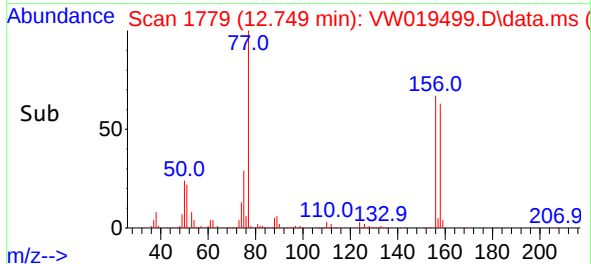
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



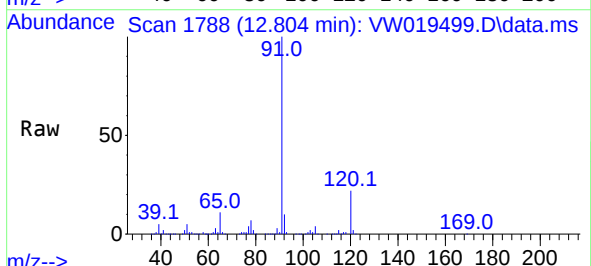
Tgt Ion:156 Resp: 75445
Ion Ratio Lower Upper
156 100
77 205.2 102.6 307.9
158 96.7 47.1 141.4

Manual Integrations
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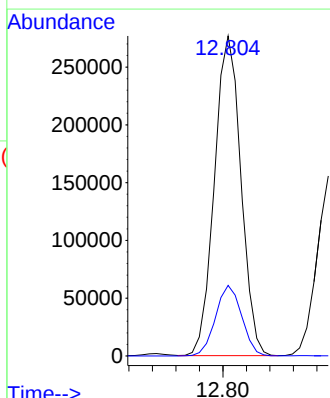
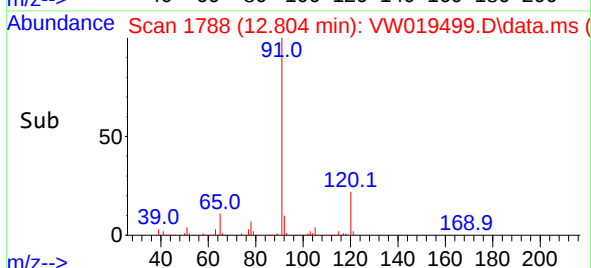
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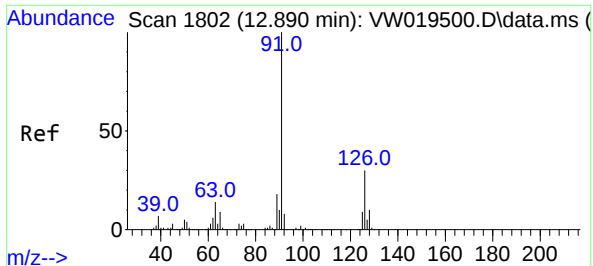


#78
n-propylbenzene
Concen: 21.454 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion: 91 Resp: 432917
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





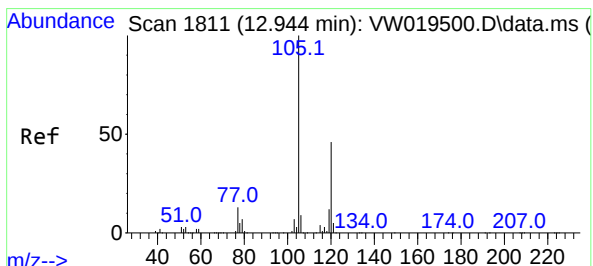
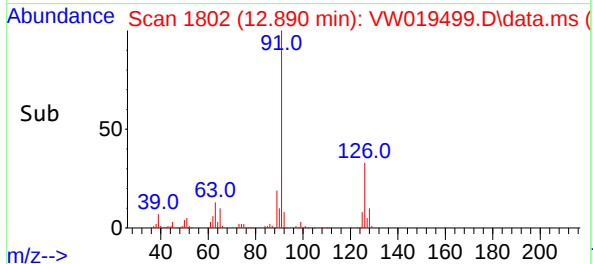
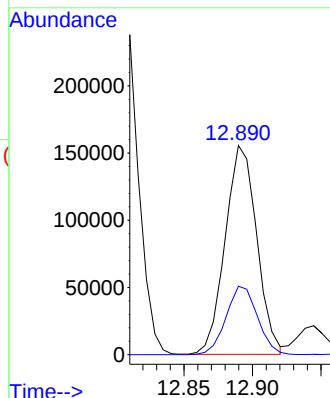
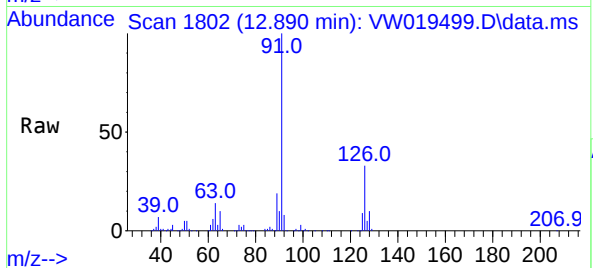
#79
2-Chlorotoluene
Concen: 21.036 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion: 91 Resp: 249583
Ion Ratio Lower Upper
91 100
126 32.7 15.3 45.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

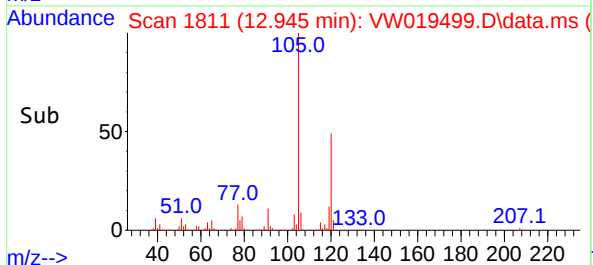
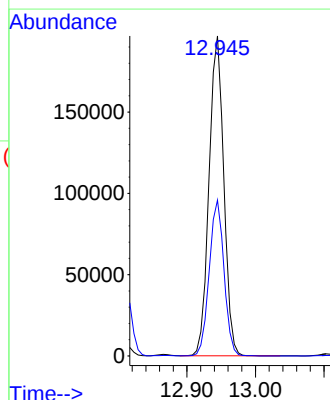
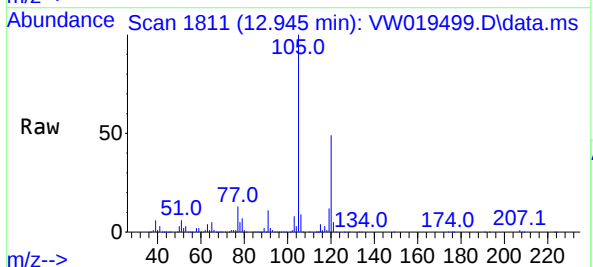
Manual Integrations
APPROVED

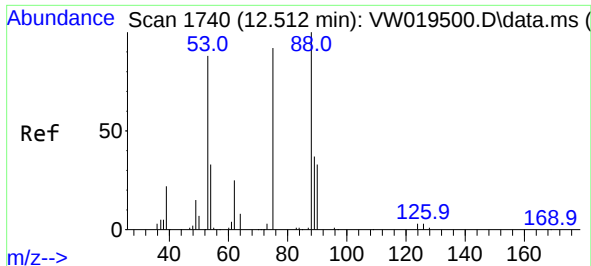
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#80
1,3,5-Trimethylbenzene
Concen: 21.453 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

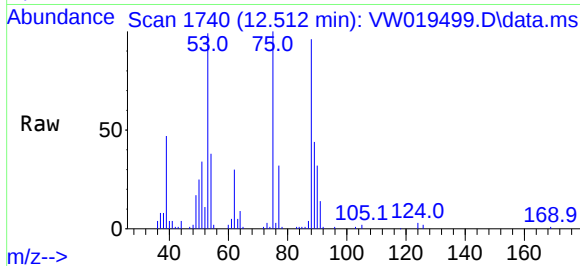
Tgt Ion: 105 Resp: 295263
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.575 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

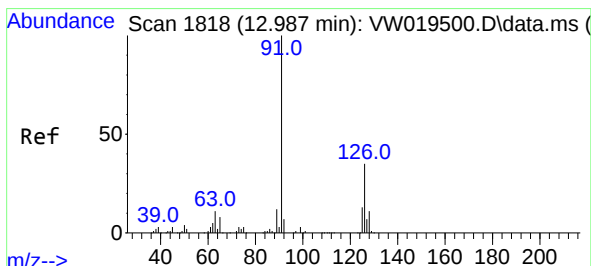
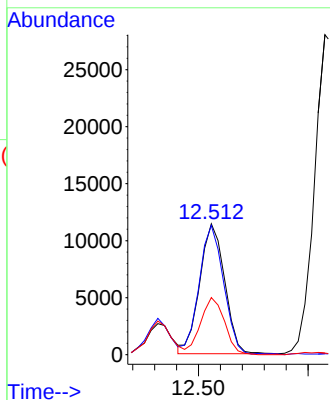
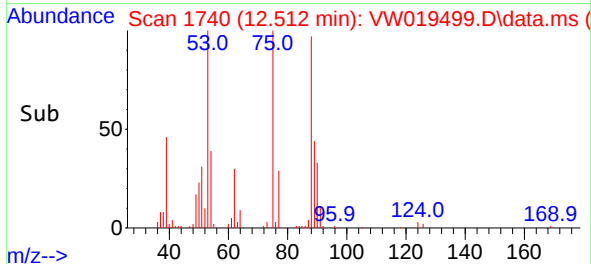
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



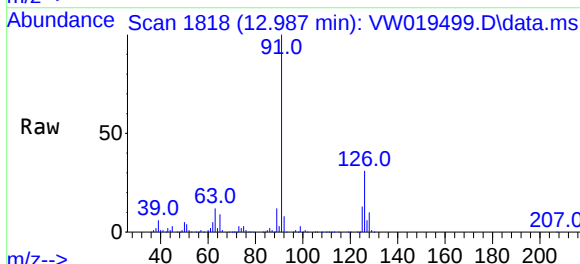
Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.0	75.8	113.8
89	42.2	35.7	53.5

Manual Integrations
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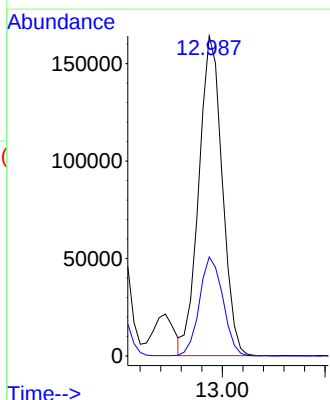
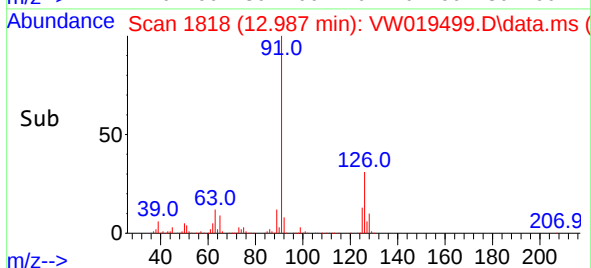
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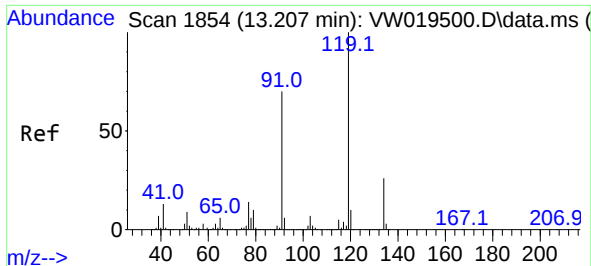


#82
4-Chlorotoluene
Concen: 21.106 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



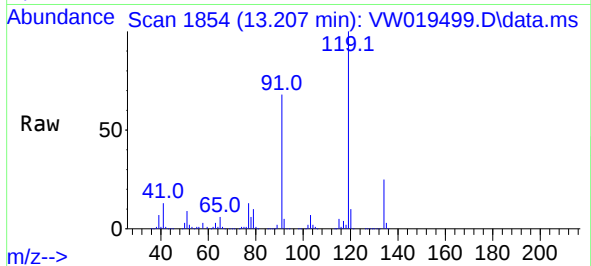
Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.1





#83
tert-Butylbenzene
Concen: 21.414 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

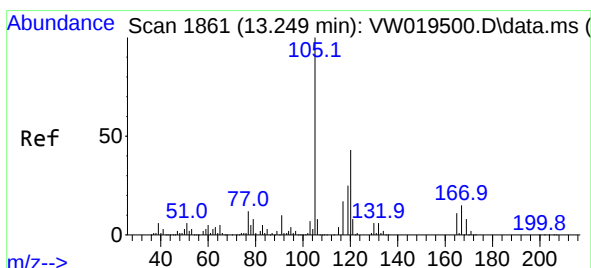
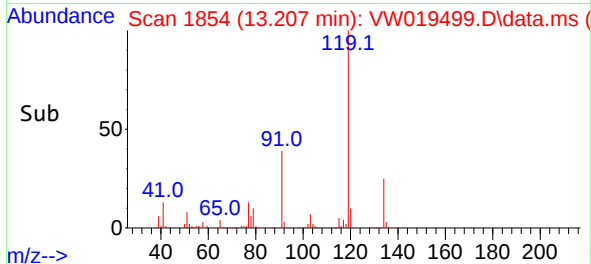
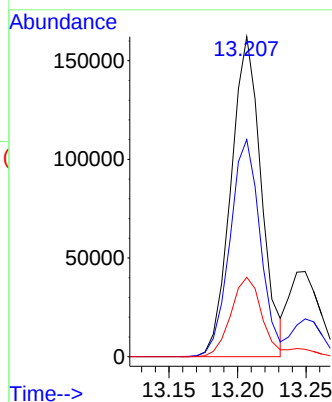
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



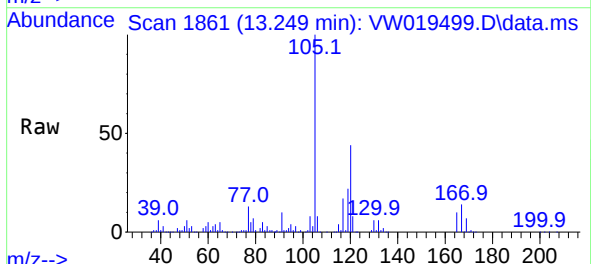
Tgt Ion:119 Resp: 250046
Ion Ratio Lower Upper
119 100
91 67.8 33.7 101.1
134 25.6 12.4 37.0

Manual Integrations
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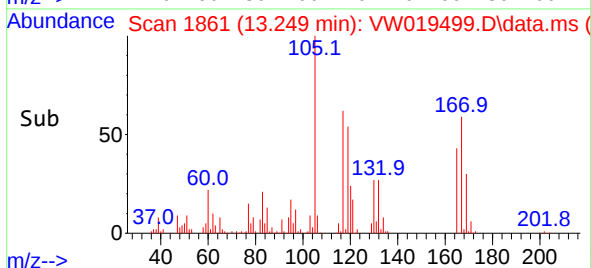
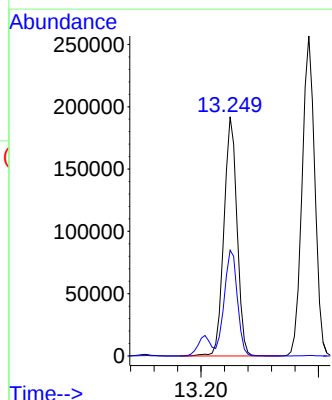
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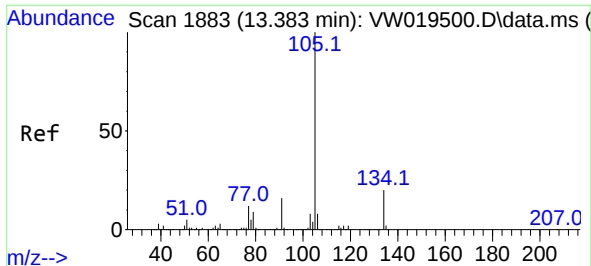


#84
1,2,4-Trimethylbenzene
Concen: 21.541 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



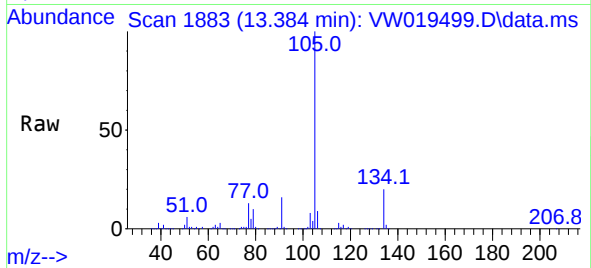
Tgt Ion:105 Resp: 296698
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 21.408 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW019499.D
 Acq: 19 Jul 2021 10:31

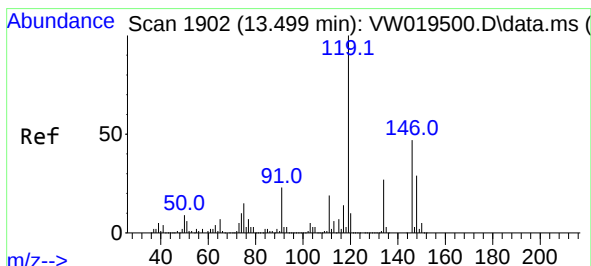
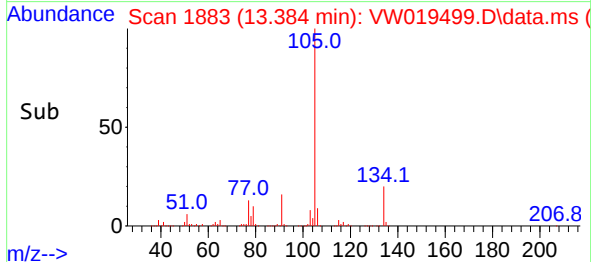
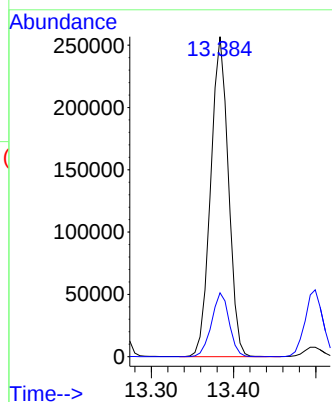
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020



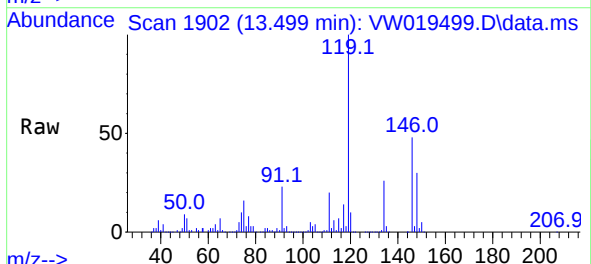
Tgt Ion:105 Resp: 384226
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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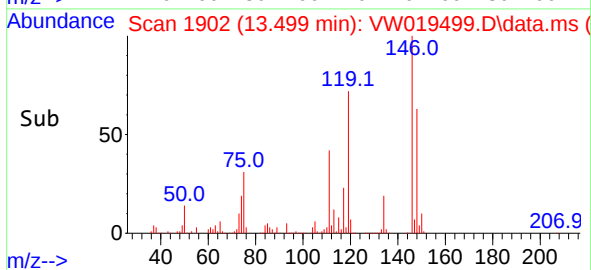
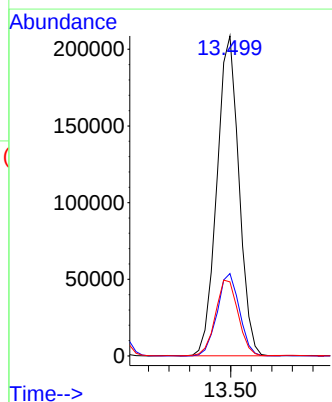
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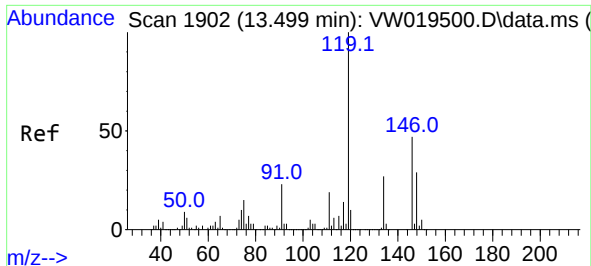


#86
 p-Isopropyltoluene
 Concen: 20.949 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW019499.D
 Acq: 19 Jul 2021 10:31

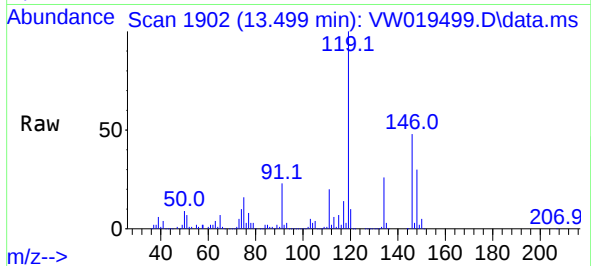


Tgt Ion:119 Resp: 309824
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.4 12.1 36.3

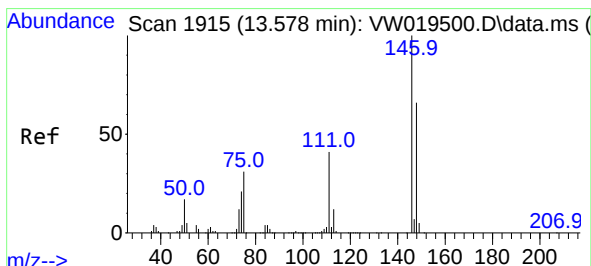
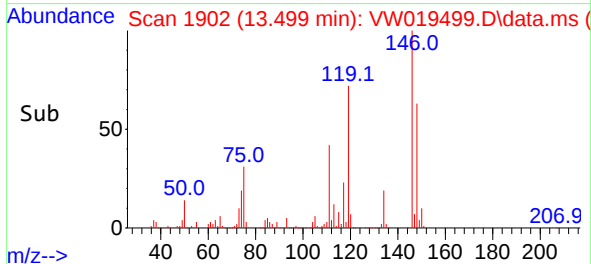
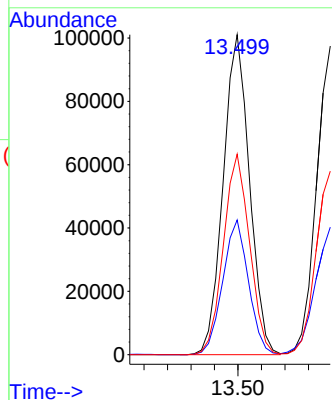




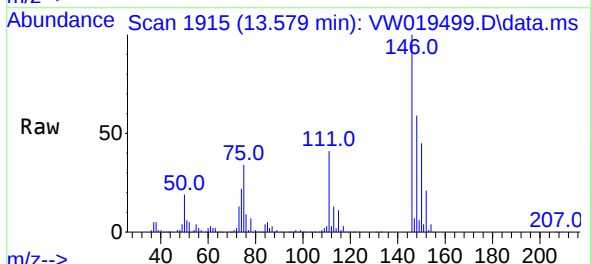
#87
1,3-Dichlorobenzene
Concen: 21.094 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



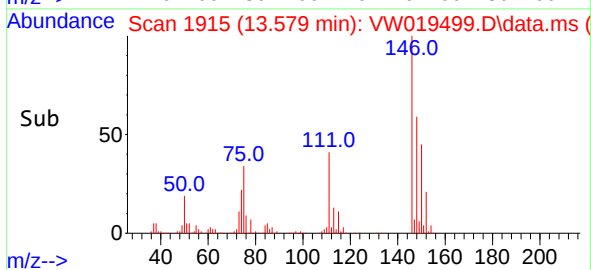
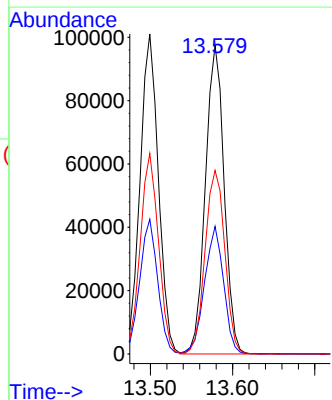
Tgt Ion:146 Resp: 157083
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.2
148 62.5 31.3 93.9



#88
1,4-Dichlorobenzene
Concen: 20.936 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



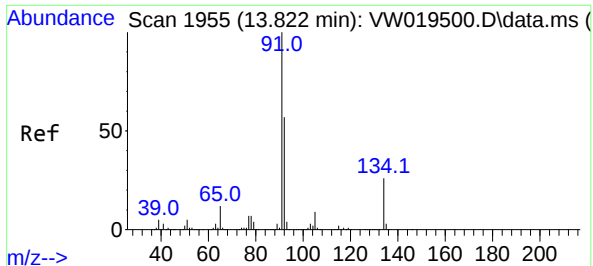
Tgt Ion:146 Resp: 154322
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.8
148 62.7 32.1 96.5



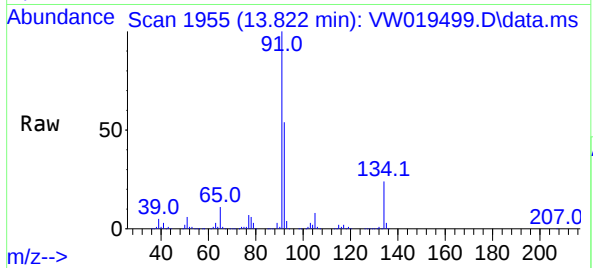
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

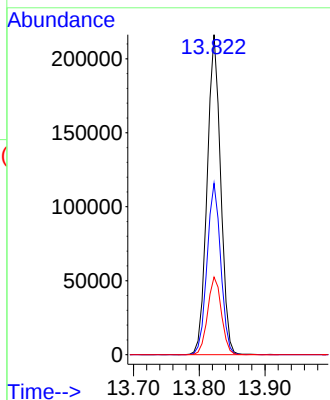
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#89
n-Butylbenzene
Concen: 21.369 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



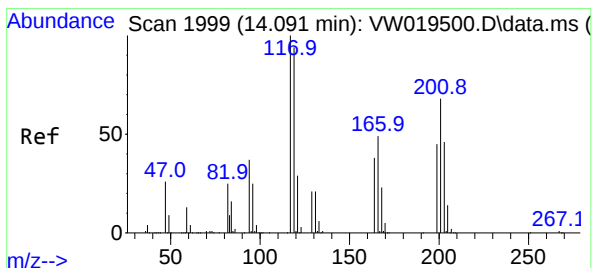
Tgt Ion: 91 Resp: 309386
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.1
134 24.7 12.7 38.1



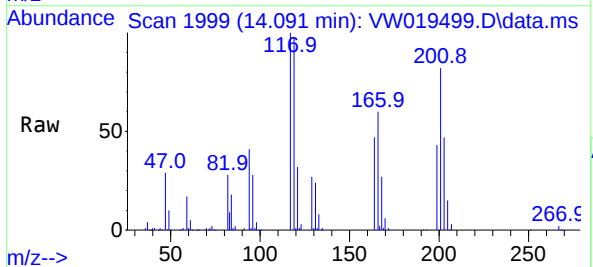
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
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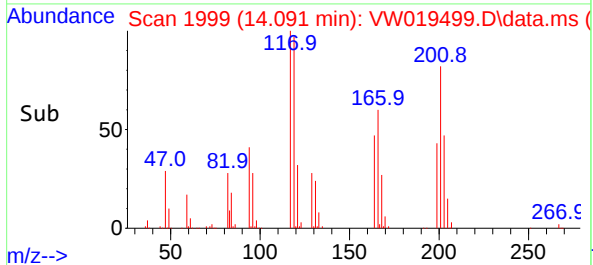
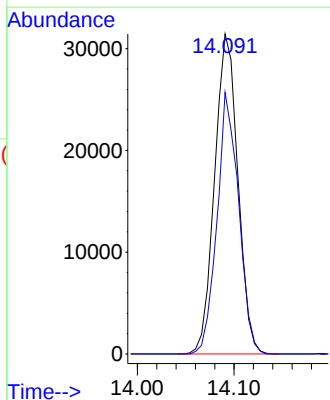
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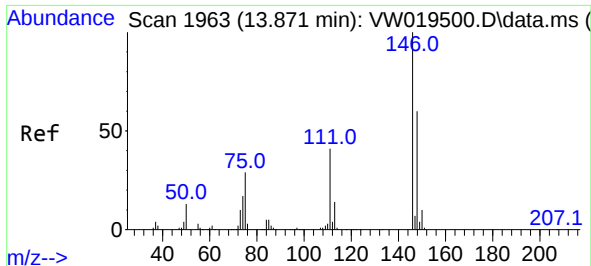


#90
Hexachloroethane
Concen: 20.088 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



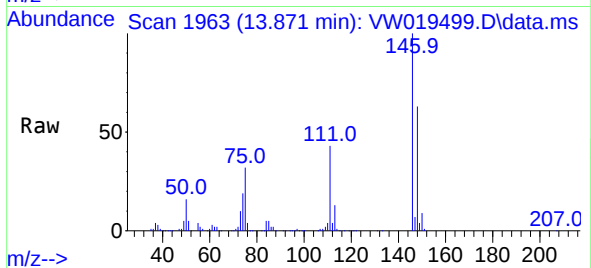
Tgt Ion: 117 Resp: 52376
Ion Ratio Lower Upper
117 100
201 76.1 37.2 111.6





#91
1,2-Dichlorobenzene
Concen: 20.762 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

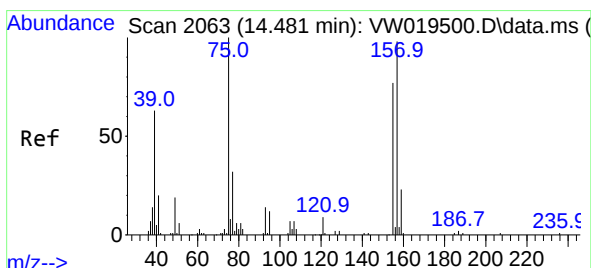
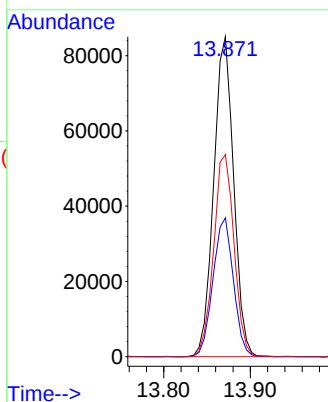
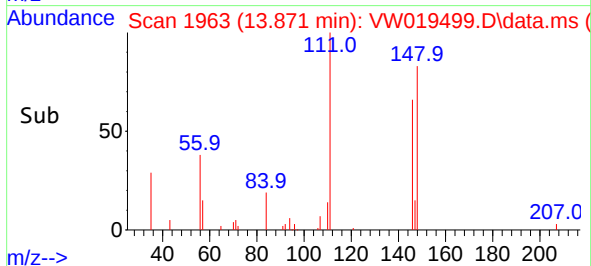
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



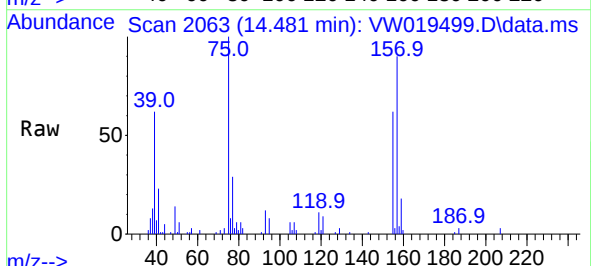
Tgt Ion:146 Resp: 135980
Ion Ratio Lower Upper
146 100
111 44.4 21.4 64.2
148 64.8 31.9 95.7

Manual Integrations
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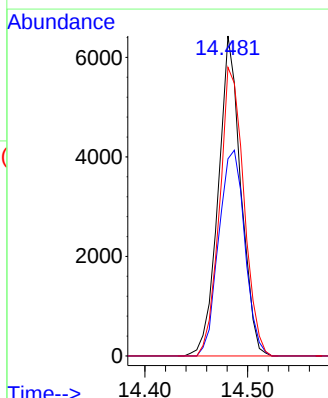
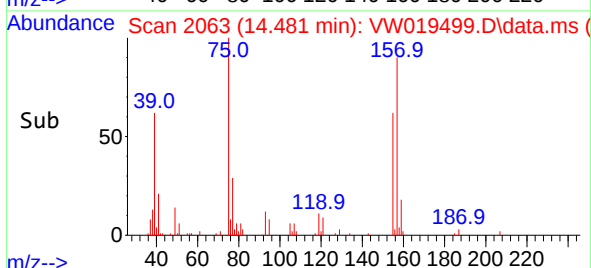
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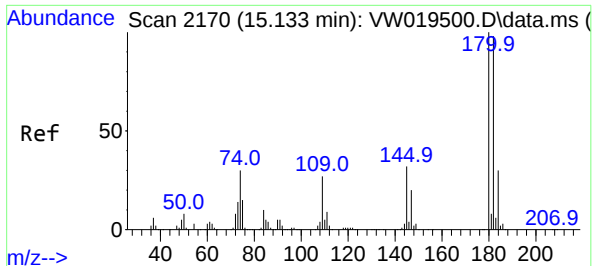


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.482 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



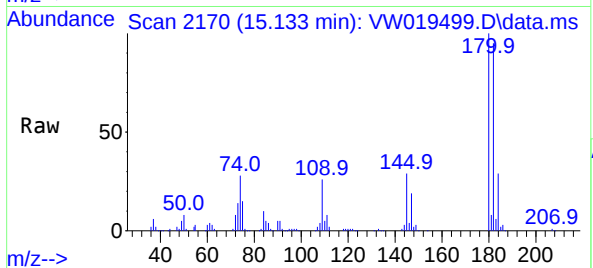
Tgt Ion: 75 Resp: 9805
Ion Ratio Lower Upper
75 100
155 74.0 38.4 115.2
157 96.6 48.9 146.6





#93
1,2,4-Trichlorobenzene
Concen: 20.150 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

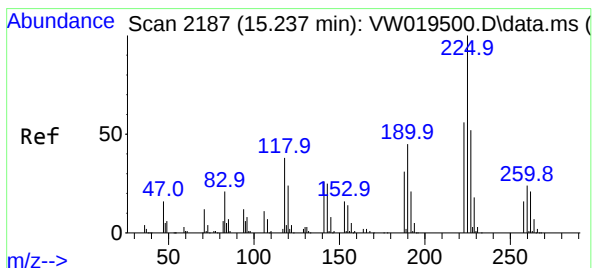
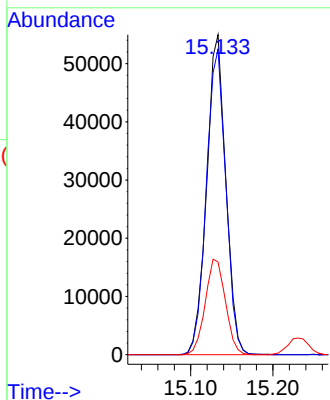
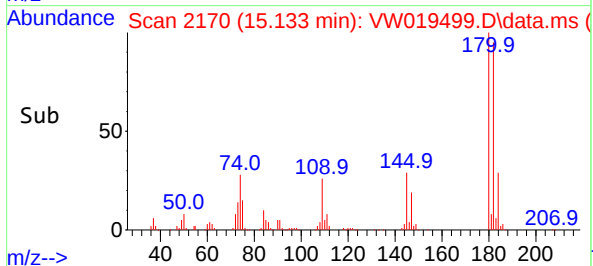
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



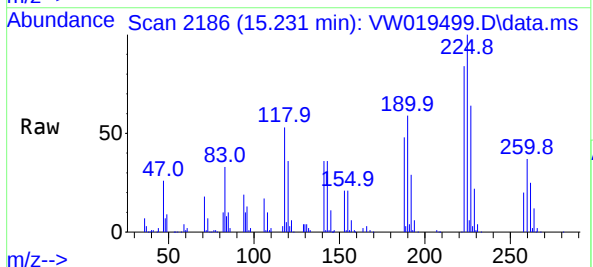
Tgt Ion:180 Resp: 89085
Ion Ratio Lower Upper
180 100
182 96.9 47.3 141.8
145 31.4 15.4 46.2

Manual Integrations
APPROVED

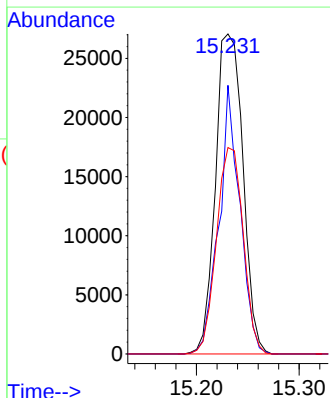
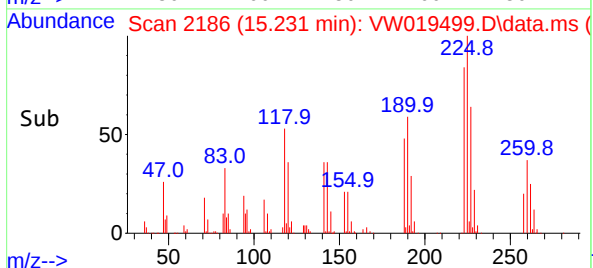
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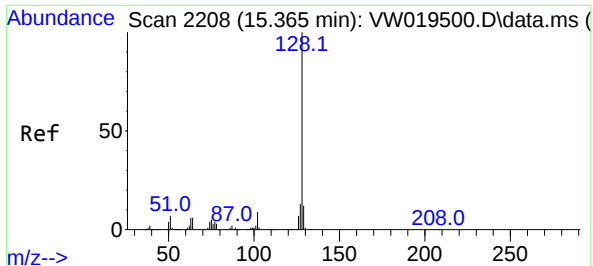


#94
Hexachlorobutadiene
Concen: 20.090 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31



Tgt Ion:225 Resp: 50249
Ion Ratio Lower Upper
225 100
223 64.1 31.4 94.0
227 62.8 31.6 94.7





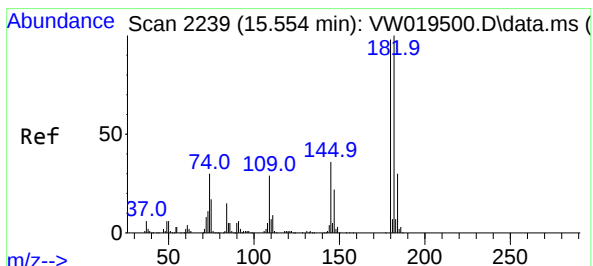
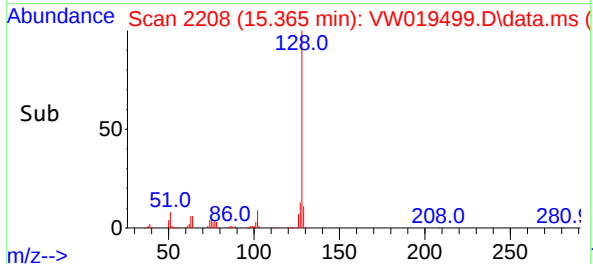
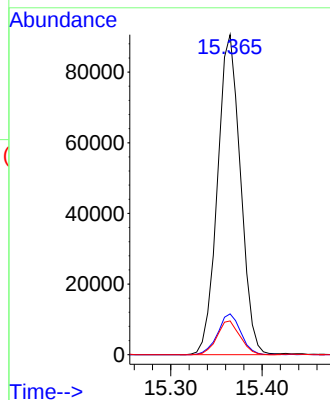
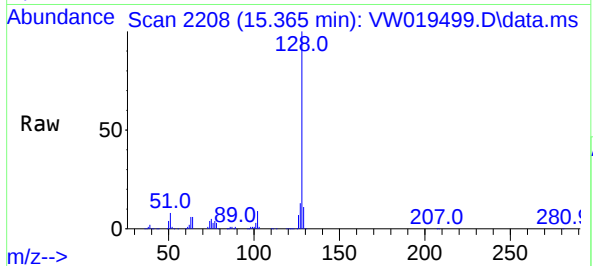
#95
Naphthalene
Concen: 19.583 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:128 Resp: 158570
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.8 13.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
7/20/2021 5:40:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.900 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019499.D
Acq: 19 Jul 2021 10:31

Tgt Ion:180 Resp: 76906
Ion Ratio Lower Upper
180 100
182 96.3 48.5 145.6
145 34.2 17.4 52.2

