

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020712.D
 Acq On : 28 Oct 2021 10:25
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Oct 29 04:57:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:51:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	120828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	178267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	165628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	90712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	25286	21.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.580%#
35) Dibromofluoromethane	7.885	113	21937	20.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.960%#
50) Toluene-d8	10.323	98	86554	22.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	44.100%#
62) 4-Bromofluorobenzene	12.615	95	31821	21.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	4594	15.479	ug/l	100
3) Chloromethane	2.215	50	12829	17.757	ug/l	100
4) Vinyl Chloride	2.355	62	14952	17.684	ug/l	96
5) Bromomethane	2.757	94	5750	16.809	ug/l	96
6) Chloroethane	2.910	64	2713	12.897	ug/l	89
7) Trichlorofluoromethane	3.245	101	7128	17.918	ug/l	90
8) Diethyl Ether	3.684	74	8483	17.205	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	17412	17.871	ug/l	99
10) Methyl Iodide	4.269	142	19342	17.623	ug/l	98
11) Tert butyl alcohol	5.178	59	5394	85.336	ug/l	98
12) 1,1-Dichloroethene	4.038	96	16419	17.289	ug/l	97
13) Acrolein	3.897	56	2816	101.332	ug/l	98
14) Allyl chloride	4.666	41	25400	17.391	ug/l	99
15) Acrylonitrile	5.361	53	19860	86.039	ug/l	99
16) Acetone	4.123	43	17909	67.396	ug/l	94
17) Carbon Disulfide	4.379	76	45648	17.366	ug/l	99
18) Methyl Acetate	4.672	43	14754	17.372	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	22726	17.463	ug/l	99
20) Methylene Chloride	4.916	84	21387	16.956	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	18145	17.083	ug/l	96
22) Diisopropyl ether	6.312	45	54270	17.813	ug/l	96
23) Vinyl Acetate	6.257	43	142265	85.813	ug/l	100
24) 1,1-Dichloroethane	6.214	63	34379	17.604	ug/l	99
25) 2-Butanone	7.177	43	25834	80.857	ug/l	97
26) 2,2-Dichloropropane	7.165	77	19051	17.533	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	19989	17.206	ug/l	99
28) Bromochloromethane	7.513	49	17309	19.075	ug/l #	98
29) Tetrahydrofuran	7.537	42	16831	87.062	ug/l	100
30) Chloroform	7.677	83	35784	17.552	ug/l	97
31) Cyclohexane	7.958	56	34976	17.573	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	26874	17.216	ug/l	98
36) 1,1-Dichloropropene	8.086	75	27616	17.365	ug/l	99
37) Ethyl Acetate	7.250	43	11596	17.086	ug/l	99
38) Carbon Tetrachloride	8.067	117	25755	17.585	ug/l	96
39) Methylcyclohexane	9.335	83	32983	17.164	ug/l	95
40) Benzene	8.323	78	78481	17.195	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	6954	17.417	ug/l	91
42) 1,2-Dichloroethane	8.403	62	24591	17.530	ug/l	99
43) Isopropyl Acetate	8.421	43	21976	16.906	ug/l	98
44) Trichloroethene	9.092	130	21055	17.559	ug/l	98
45) 1,2-Dichloropropane	9.366	63	18992	17.642	ug/l	96
46) Dibromomethane	9.457	93	9956	17.019	ug/l	99
47) Bromodichloromethane	9.646	83	25881	17.429	ug/l	96
48) Methyl methacrylate	9.439	41	10874m	17.696	ug/l	
49) 1,4-Dioxane	9.451	88	2656	342.474	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	58854	86.545	ug/l	99
52) Toluene	10.384	92	48585	17.415	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	25086	16.768	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	29597	17.197	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	14458	17.718	ug/l	95
56) Ethyl methacrylate	10.646	69	16945	16.626	ug/l	98
57) 1,3-Dichloropropane	10.933	76	24941	17.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	51946	107.481	ug/l	98
59) 2-Hexanone	10.969	43	40539	84.294	ug/l	99
60) Dibromochloromethane	11.128	129	16494	16.914	ug/l	99
61) 1,2-Dibromoethane	11.238	107	13525	17.319	ug/l	99
64) Tetrachloroethene	10.866	164	18588	17.623	ug/l	95
65) Chlorobenzene	11.658	112	52720	17.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	18415	16.823	ug/l	99
67) Ethyl Benzene	11.731	91	94865	17.435	ug/l	99
68) m/p-Xylenes	11.841	106	74293	35.250	ug/l	100
69) o-Xylene	12.164	106	33609	17.325	ug/l	100
70) Styrene	12.182	104	58690	17.649	ug/l	100
71) Bromoform	12.347	173	10553	17.638	ug/l #	98
73) Isopropylbenzene	12.463	105	92819	16.950	ug/l	99
74) N-amyl acetate	12.274	43	20768	16.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	16566	17.150	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	13425m	27.593	ug/l	
77) Bromobenzene	12.743	156	23162	17.474	ug/l	98
78) n-propylbenzene	12.804	91	115677	17.137	ug/l	100
79) 2-Chlorotoluene	12.890	91	66211	17.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	83581	17.539	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	5031	16.158	ug/l	91
82) 4-Chlorotoluene	12.987	91	71519	17.332	ug/l	98
83) tert-Butylbenzene	13.207	119	70295	17.351	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	82482	17.380	ug/l	99
85) sec-Butylbenzene	13.384	105	106217	17.428	ug/l	99
86) p-Isopropyltoluene	13.493	119	91370	17.657	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	47582	17.515	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	47505	17.528	ug/l	97
89) n-Butylbenzene	13.822	91	83922	17.254	ug/l	99
90) Hexachloroethane	14.091	117	15882	16.861	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	42007	17.660	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2957	17.168	ug/l	90
93) 1,2,4-Trichlorobenzene	15.133	180	28392	17.401	ug/l	99
94) Hexachlorobutadiene	15.231	225	19091	18.108	ug/l	96
95) Naphthalene	15.365	128	44292	16.326	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	26373	17.999	ug/l	95

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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

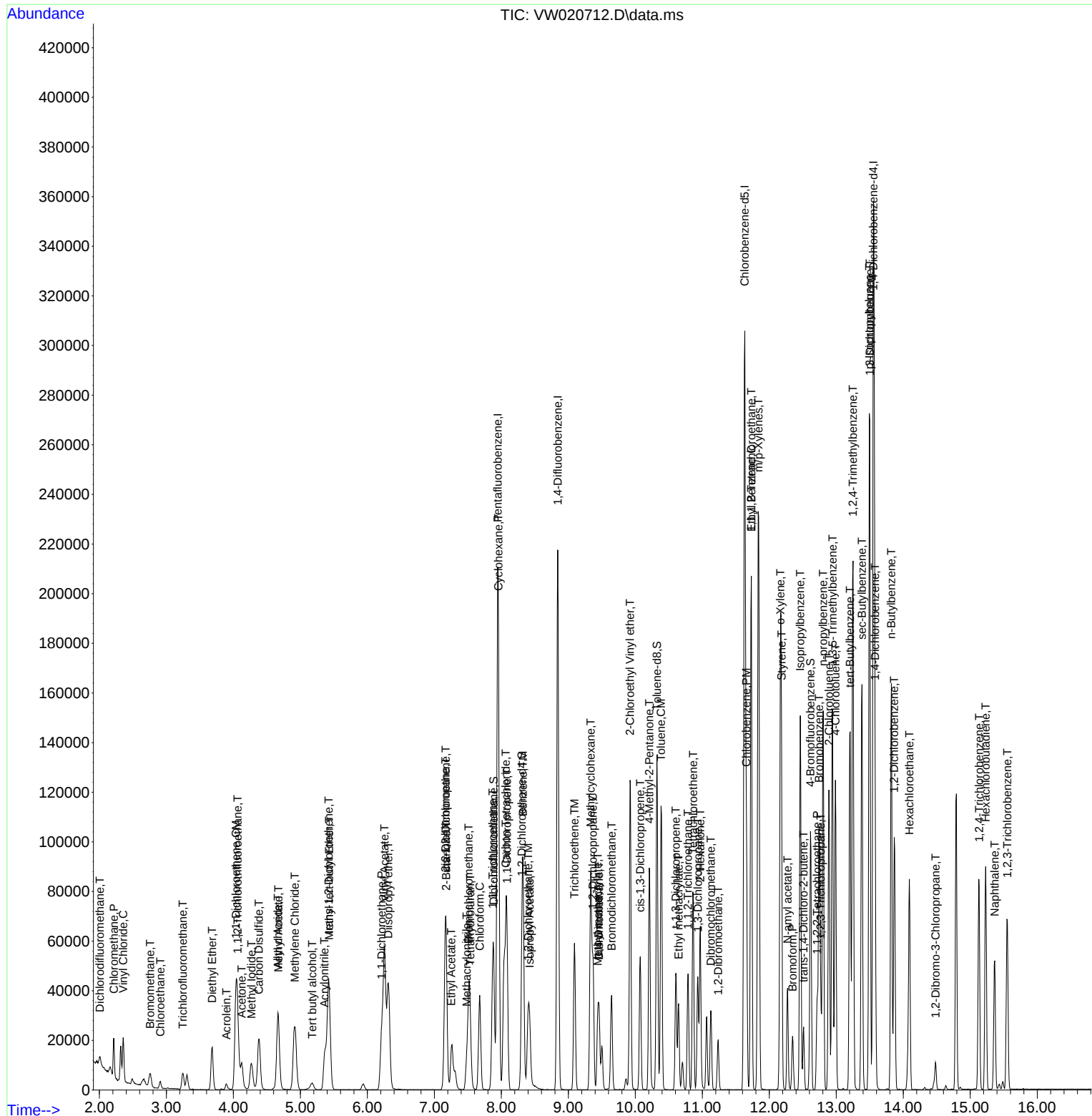
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Acq On : 28 Oct 2021 10:25
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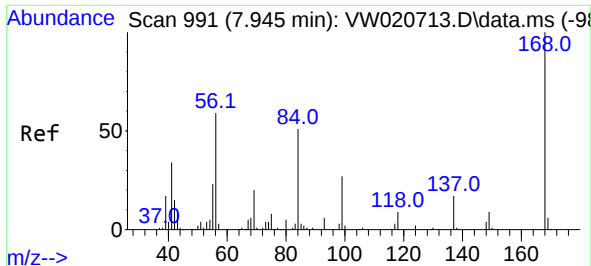
Instrument :
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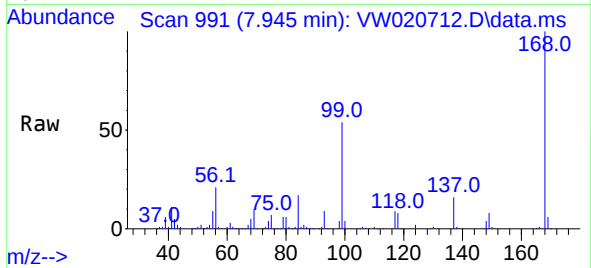
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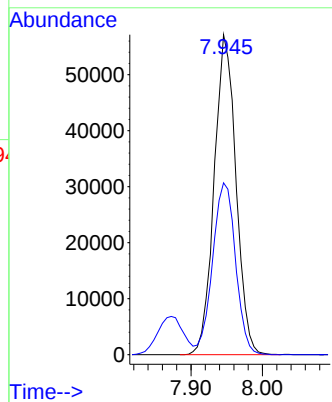
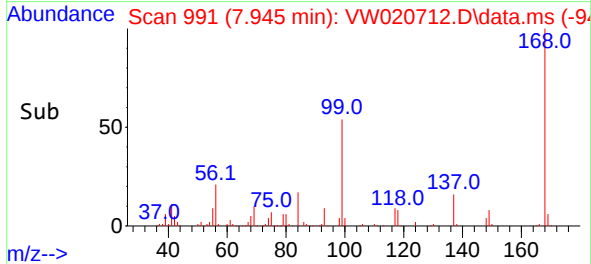




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020712.D
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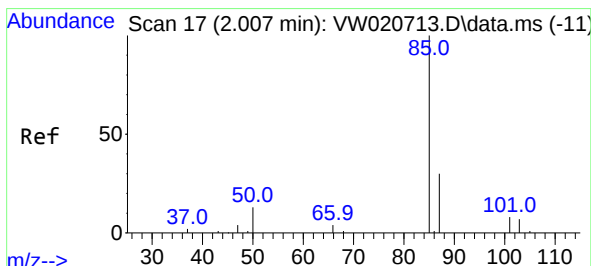
Tgt Ion:168 Resp: 120828
Ion Ratio Lower Upper
168 100
99 53.7 46.2 69.4



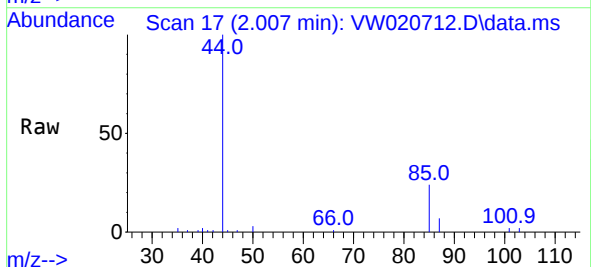
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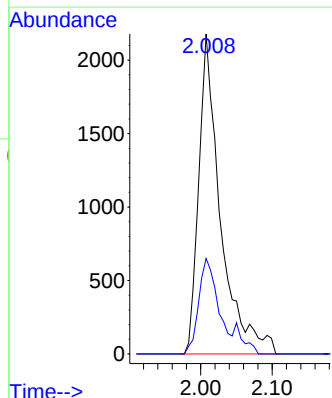
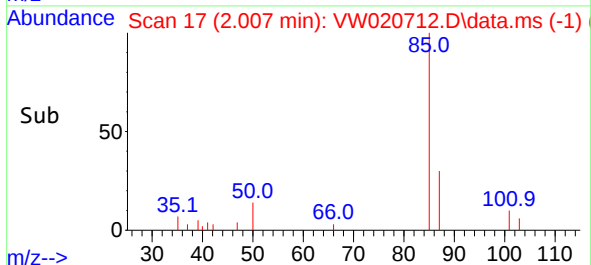
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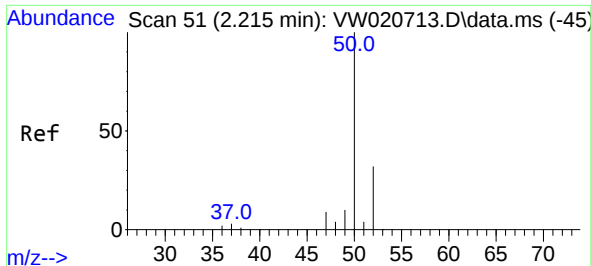


#2
Dichlorodifluoromethane
Concen: 15.479 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



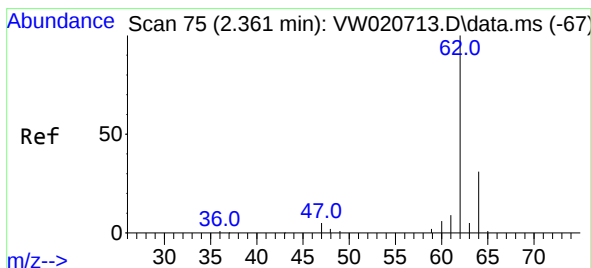
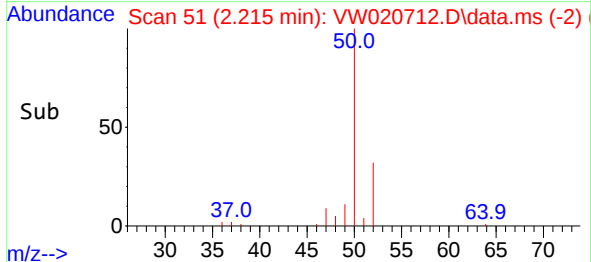
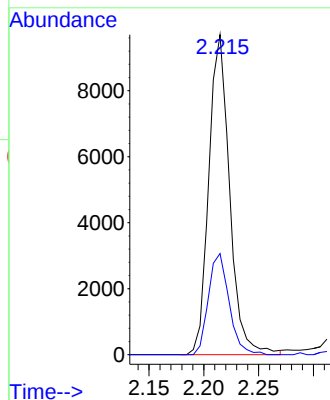
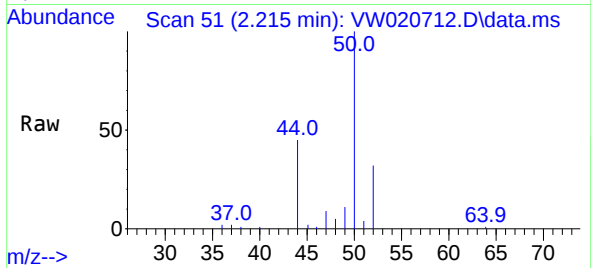
Tgt Ion: 85 Resp: 4594
Ion Ratio Lower Upper
85 100
87 29.8 15.0 45.1





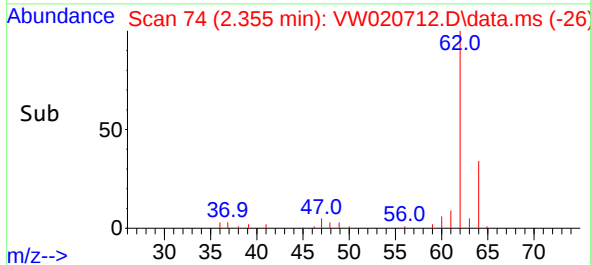
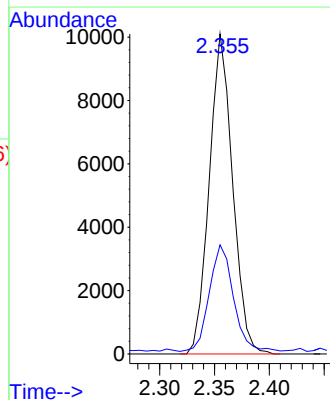
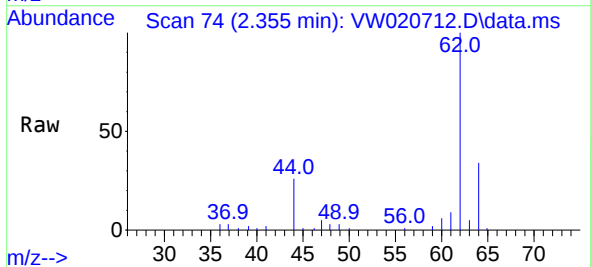
#3
Chloromethane
Concen: 17.757 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 50 Resp: 12829
Ion Ratio Lower Upper
50 100
52 31.6 25.2 37.8



#4
Vinyl Chloride
Concen: 17.684 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

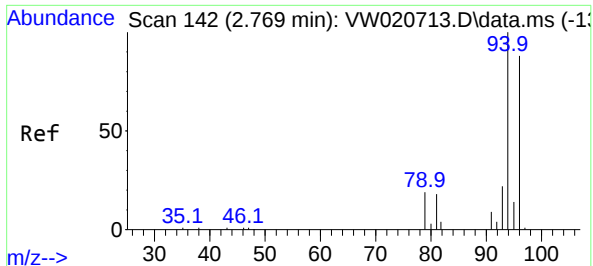
Tgt Ion: 62 Resp: 14952
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.4



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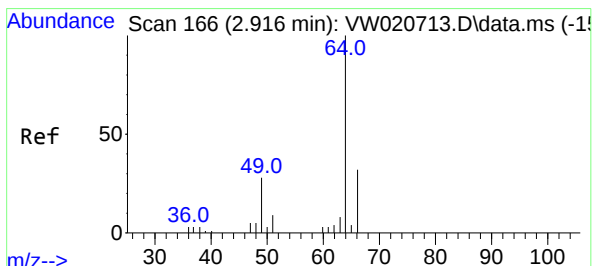
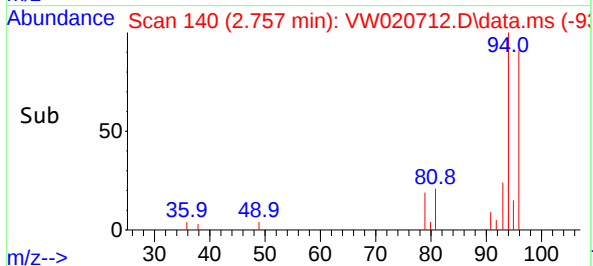
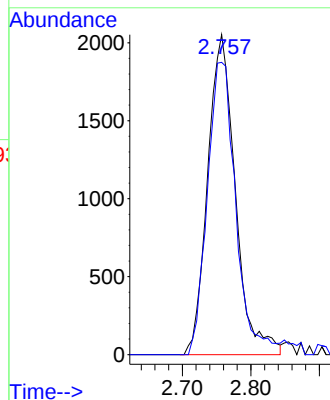
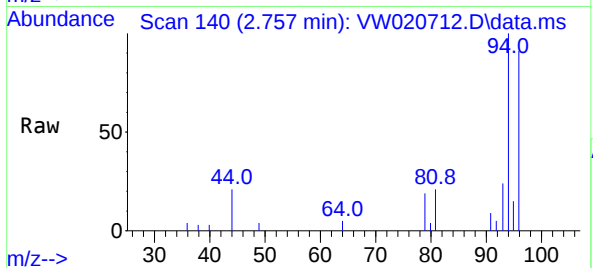
#5
Bromomethane
Concen: 16.809 ug/l
RT: 2.757 min Scan# 140
Delta R.T. -0.012 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 94 Resp: 5750
Ion Ratio Lower Upper
94 100
96 91.3 70.1 105.1

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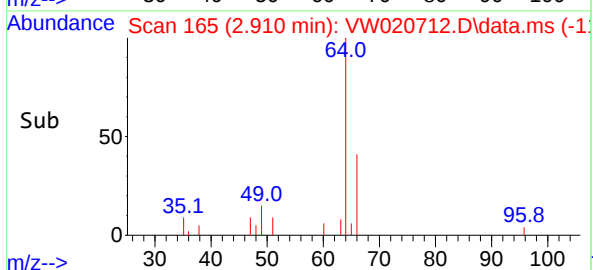
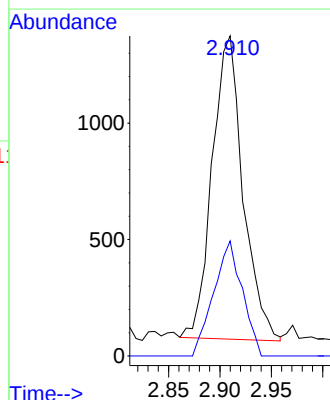
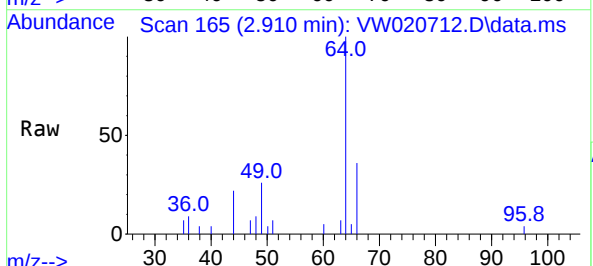
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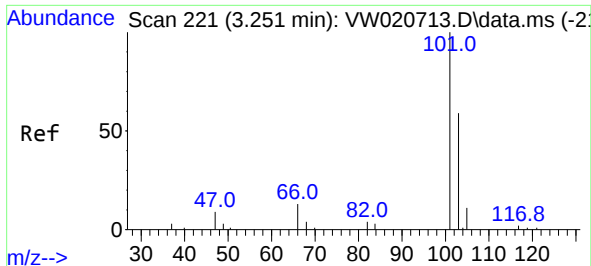
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#6
Chloroethane
Concen: 12.897 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 64 Resp: 2713
Ion Ratio Lower Upper
64 100
66 38.2 25.5 38.3





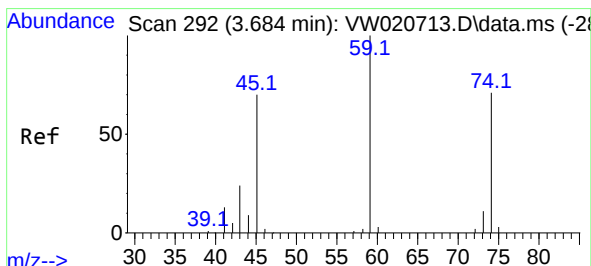
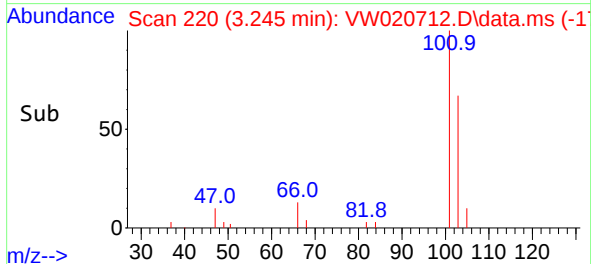
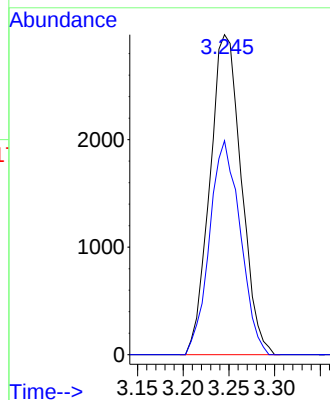
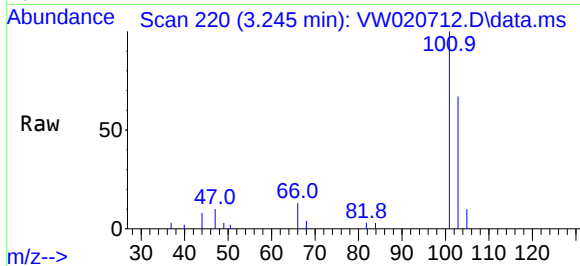
#7
Trichlorofluoromethane
Concen: 17.918 ug/l
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:101 Resp: 7128
Ion Ratio Lower Upper
101 100
103 66.8 47.4 71.0

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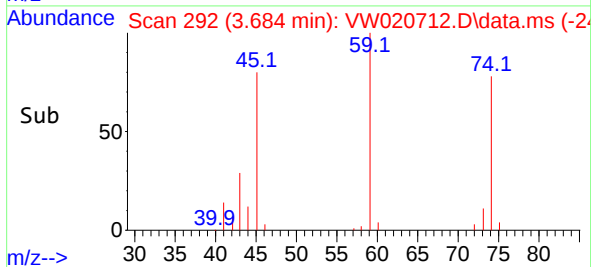
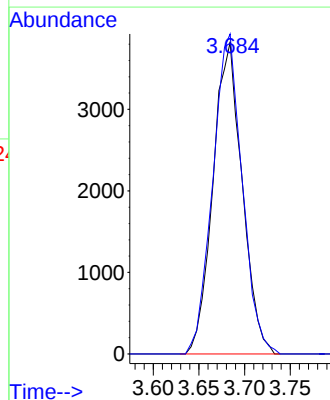
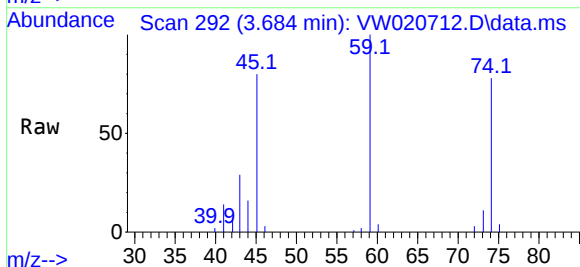
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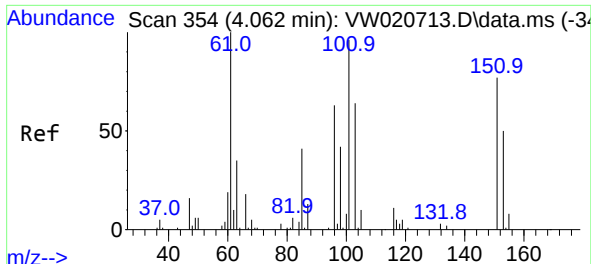
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#8
Diethyl Ether
Concen: 17.205 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW020712.D
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Tgt Ion: 74 Resp: 8483
Ion Ratio Lower Upper
74 100
45 103.6 50.4 151.2





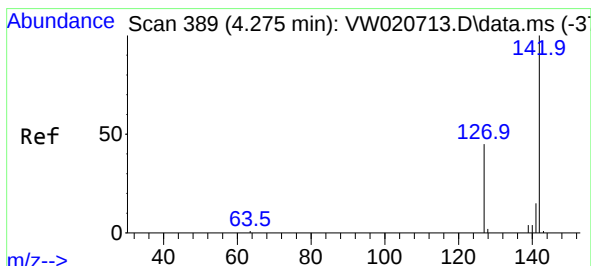
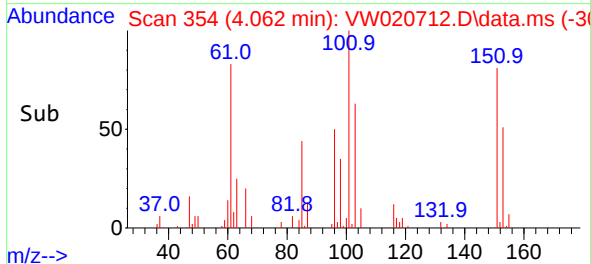
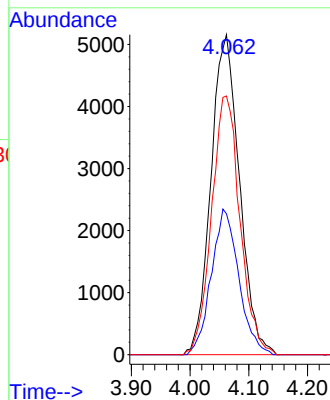
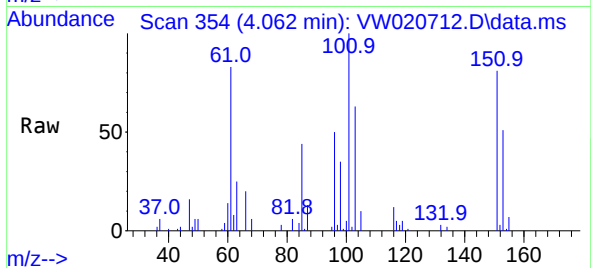
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.871 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	101	Resp:	17412
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.3	52.9
151	80.3	63.8	95.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

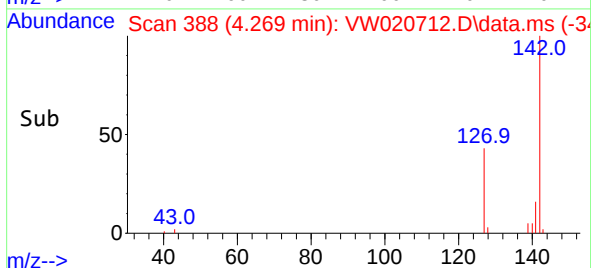
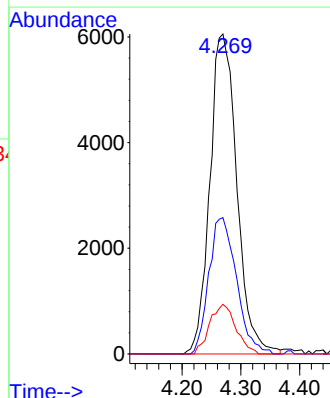
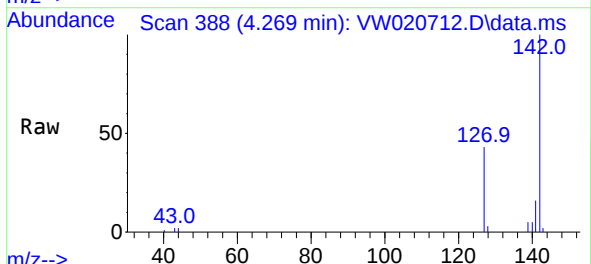
Manual Integrations
APPROVED

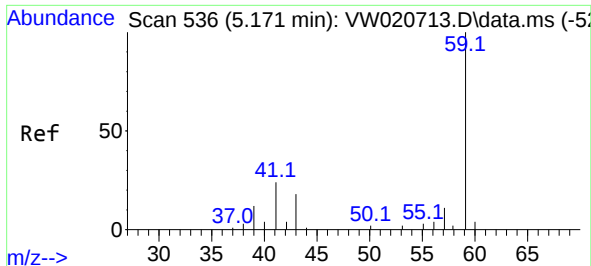
MMDadoda
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#10
Methyl Iodide
Concen: 17.623 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	142	Resp:	19342
Ion	Ratio	Lower	Upper
142	100		
127	43.6	36.3	54.5
141	15.0	12.1	18.1





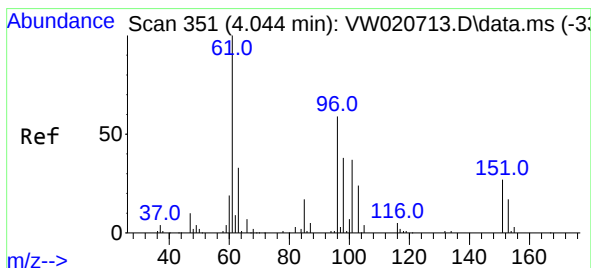
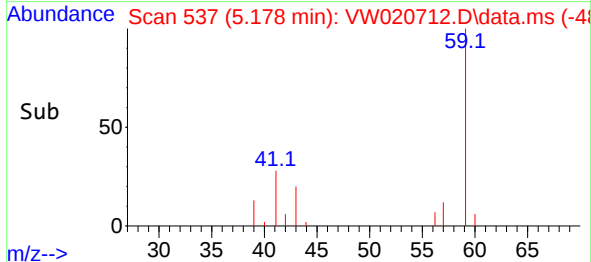
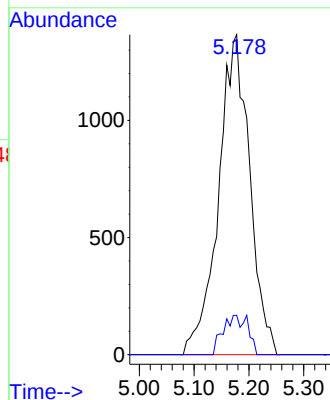
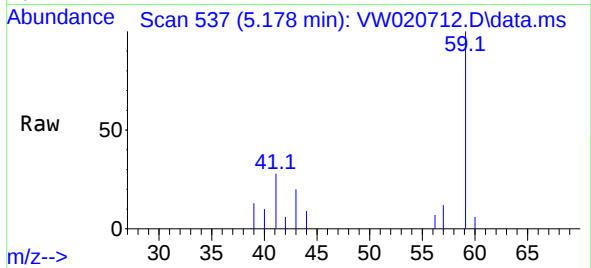
#11
Tert butyl alcohol
Concen: 85.336 ug/l
RT: 5.178 min Scan# 537
Delta R.T. 0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 59 Resp: 5394
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

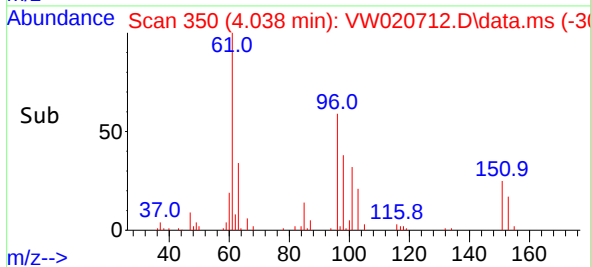
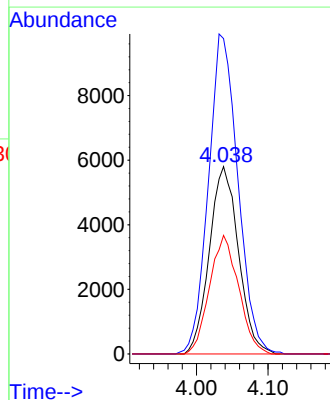
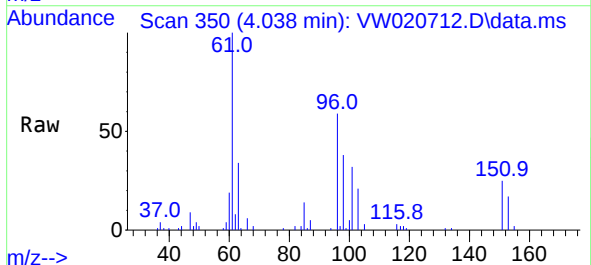
Manual Integrations
APPROVED

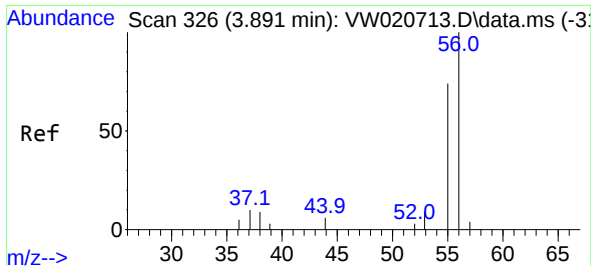
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#12
1,1-Dichloroethene
Concen: 17.289 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 96 Resp: 16419
Ion Ratio Lower Upper
96 100
61 167.3 136.6 205.0
98 63.3 52.2 78.4





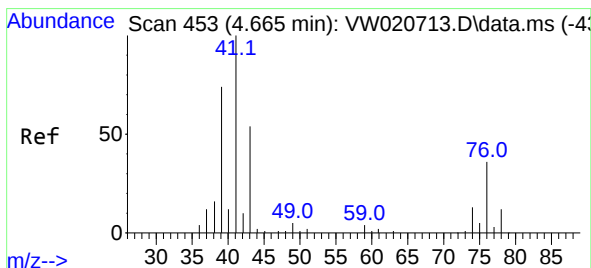
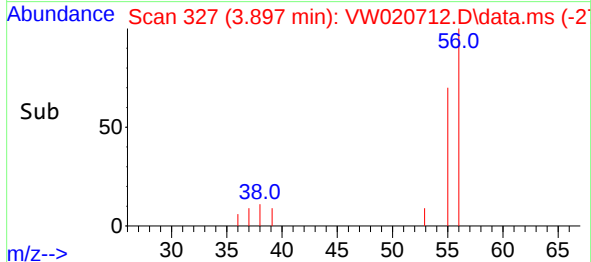
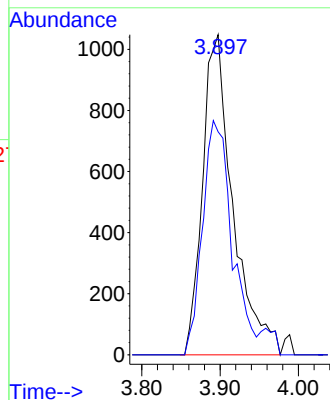
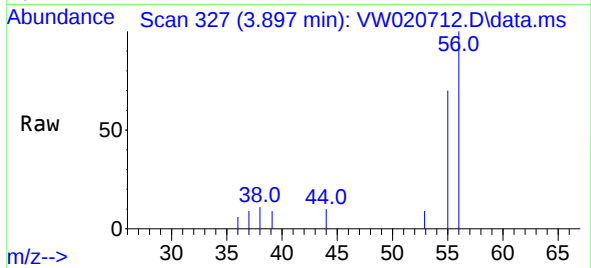
#13
Acrolein
Concen: 101.332 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
55 70.8 58.2 87.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

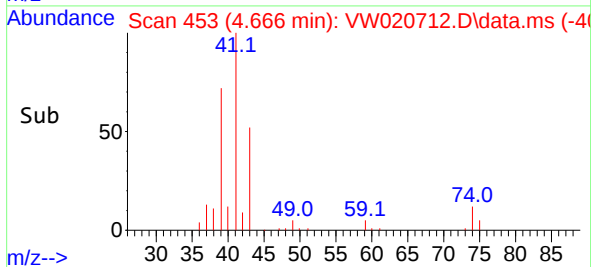
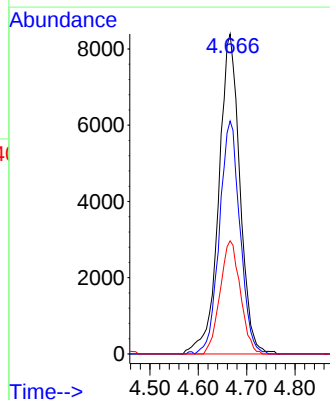
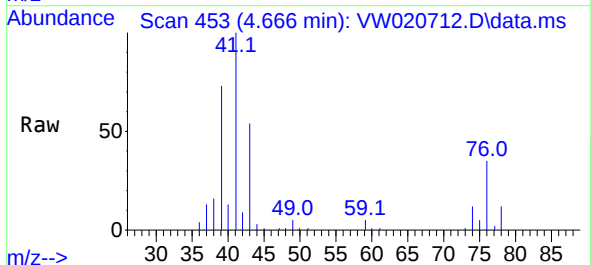
Manual Integrations
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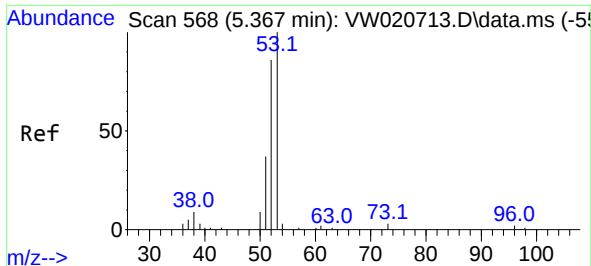
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#14
Allyl chloride
Concen: 17.391 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 41 Resp: 25400
Ion Ratio Lower Upper
41 100
39 71.0 57.1 85.7
76 34.0 27.9 41.9





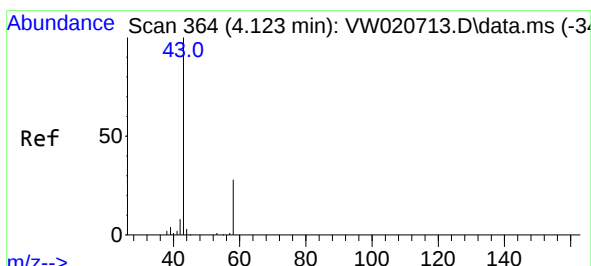
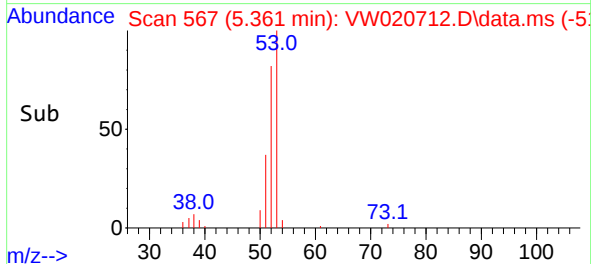
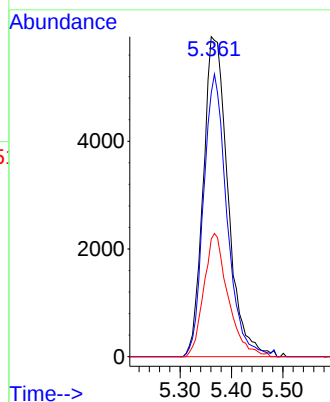
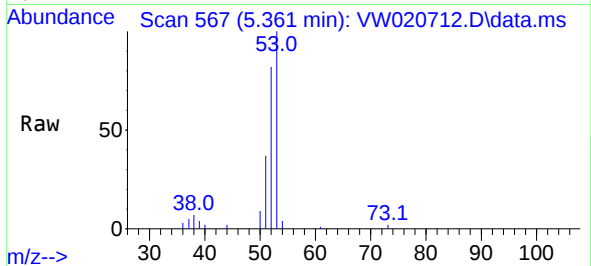
#15
Acrylonitrile
Concen: 86.039 ug/l
RT: 5.361 min Scan# 567
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	53	Resp:	19860
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.7	101.5
51	37.9	29.8	44.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

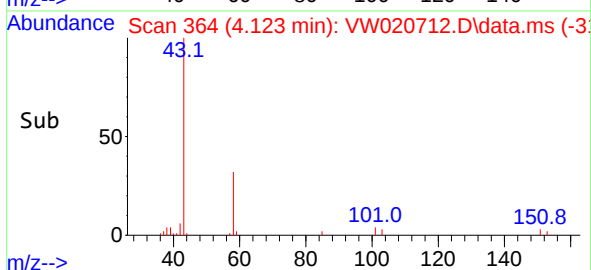
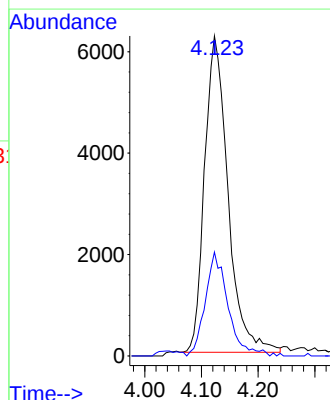
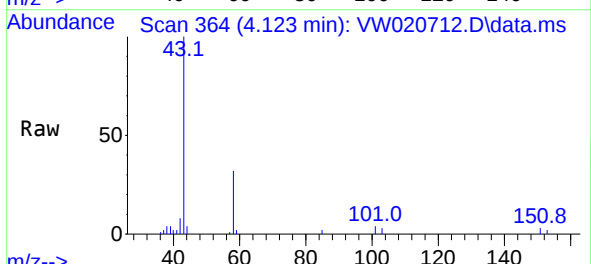
Manual Integrations
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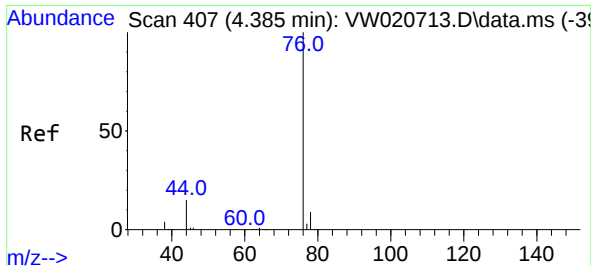
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#16
Acetone
Concen: 67.396 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	43	Resp:	17909
Ion	Ratio	Lower	Upper
43	100		
58	32.0	23.2	34.8





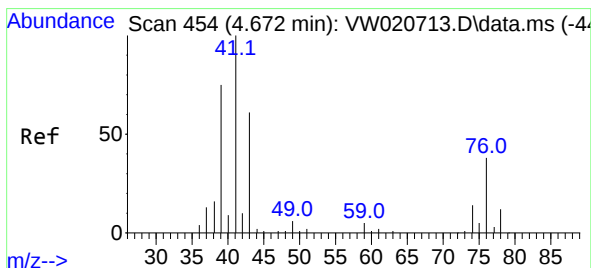
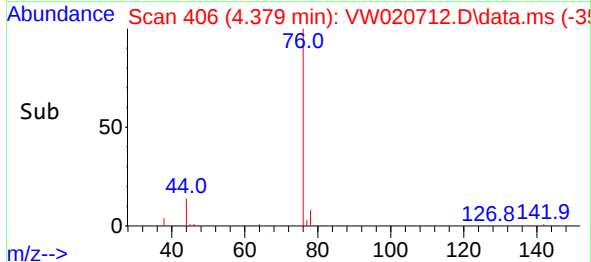
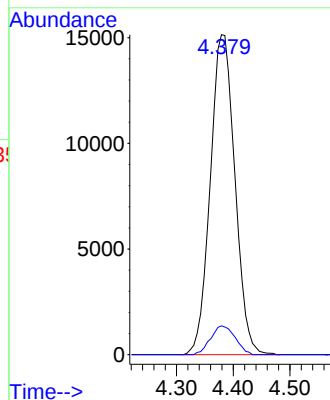
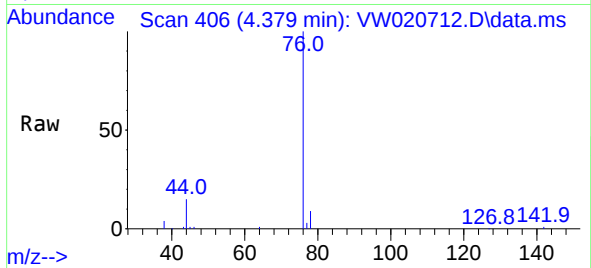
#17
Carbon Disulfide
Concen: 17.366 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 76 Resp: 45648
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

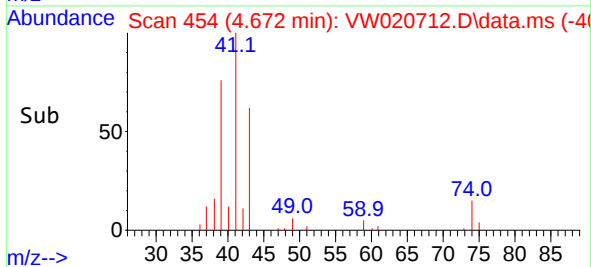
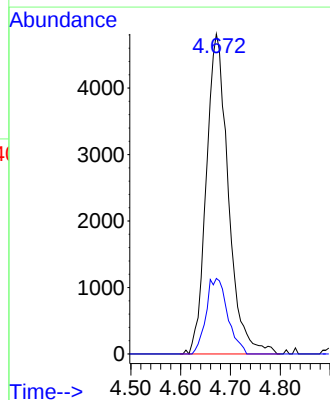
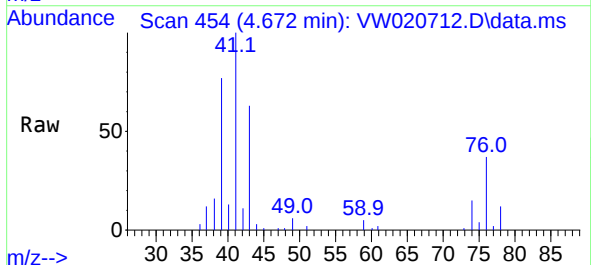
Manual Integrations
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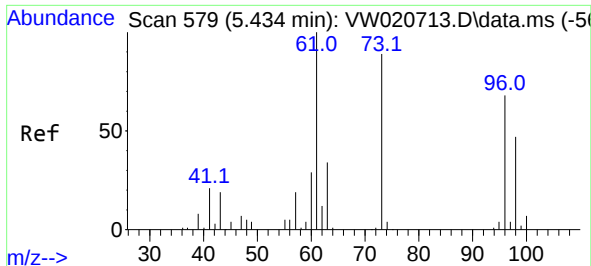
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#18
Methyl Acetate
Concen: 17.372 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 43 Resp: 14754
Ion Ratio Lower Upper
43 100
74 23.2 18.8 28.2





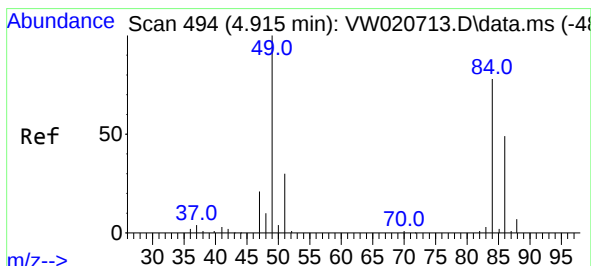
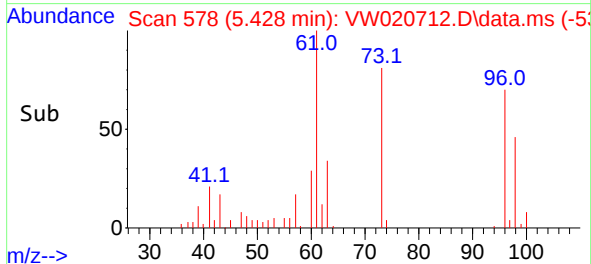
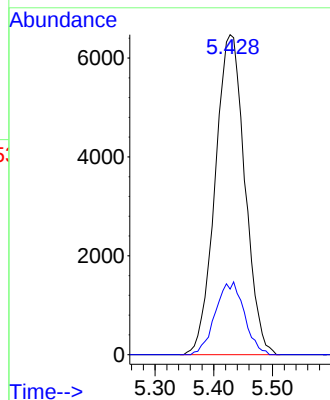
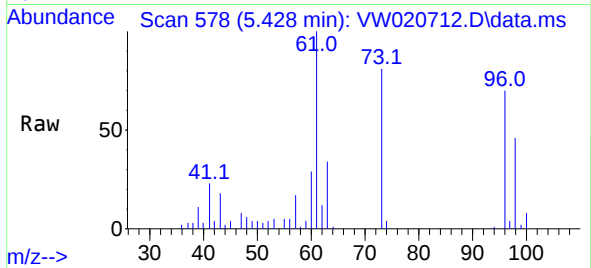
#19
Methyl tert-butyl Ether
Concen: 17.463 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 73 Resp: 22726
Ion Ratio Lower Upper
73 100
57 20.5 16.8 25.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

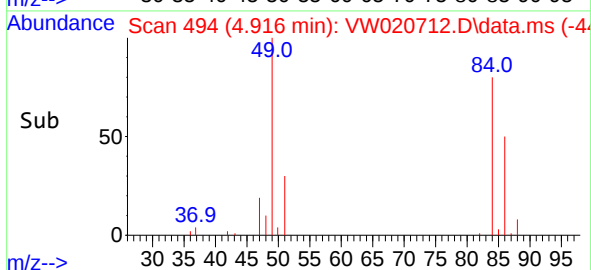
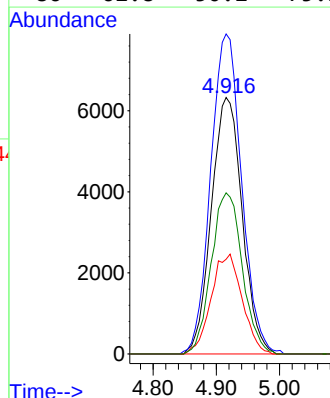
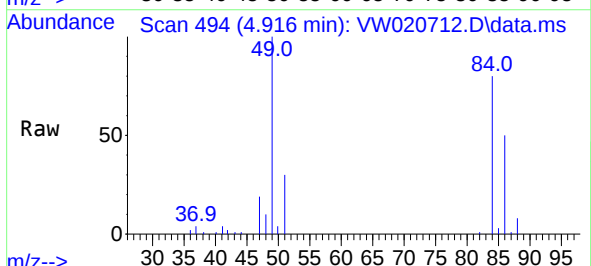
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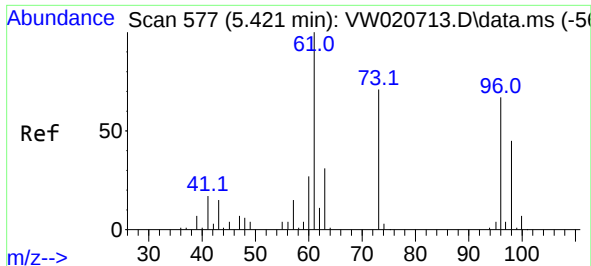
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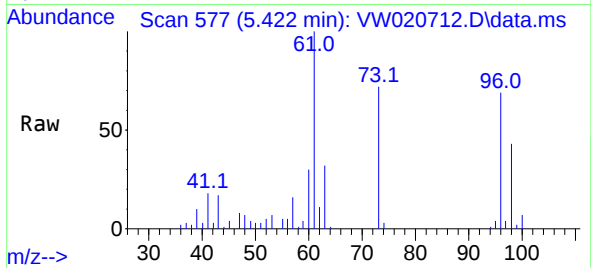
#20
Methylene Chloride
Concen: 16.956 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 84 Resp: 21387
Ion Ratio Lower Upper
84 100
49 124.8 102.0 153.0
51 36.9 30.6 45.8
86 62.8 50.2 75.2



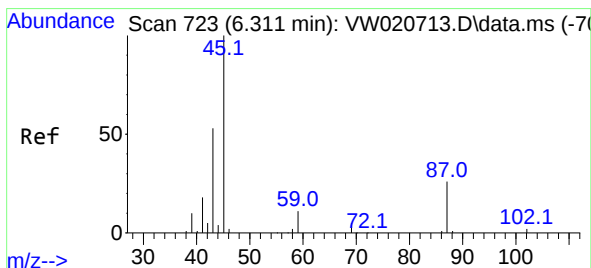
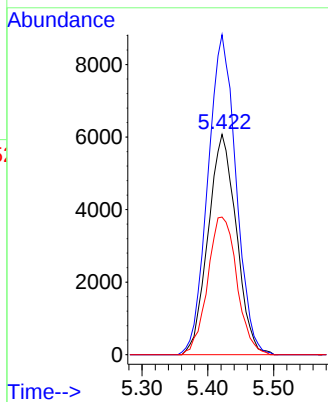
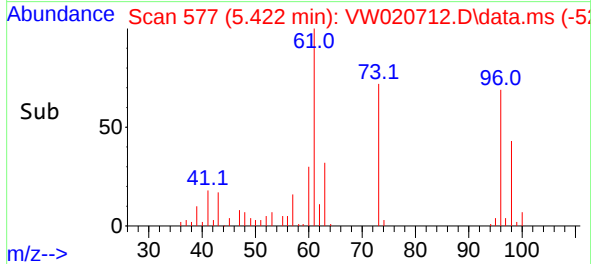


#21
trans-1,2-Dichloroethene
Concen: 17.083 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

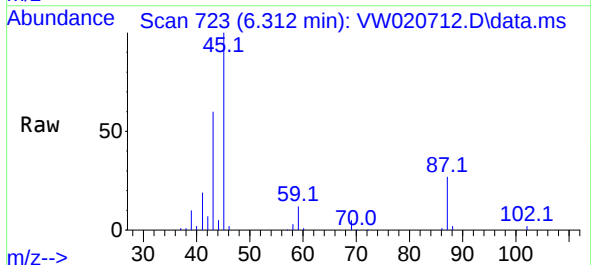


Tgt Ion: 96 Resp: 18145

Ion	Ratio	Lower	Upper
96	100		
61	145.2	119.0	178.6
98	62.4	53.7	80.5

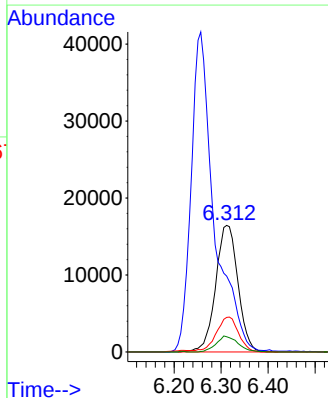
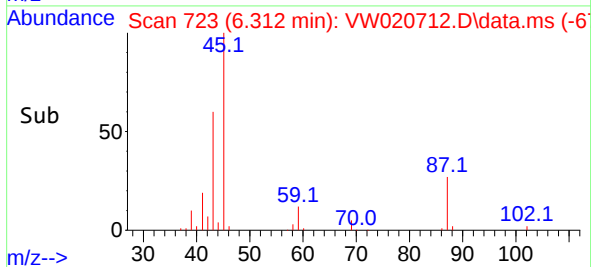


#22
Diisopropyl ether
Concen: 17.813 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion: 45 Resp: 54270

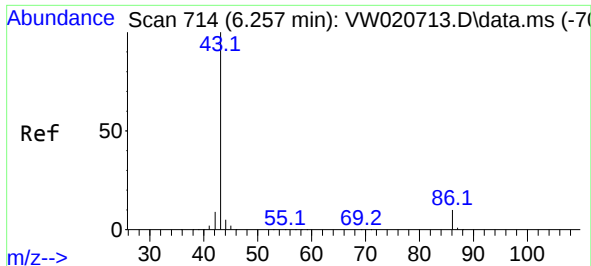
Ion	Ratio	Lower	Upper
45	100		
43	59.3	43.8	65.6
87	27.3	21.6	32.4
59	12.1	9.4	14.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
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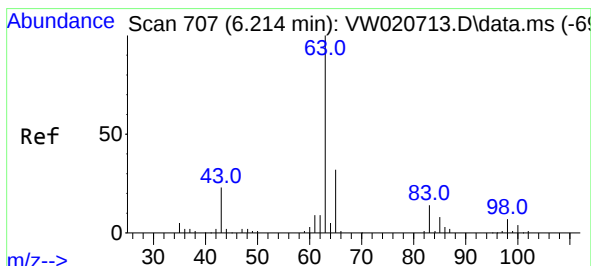
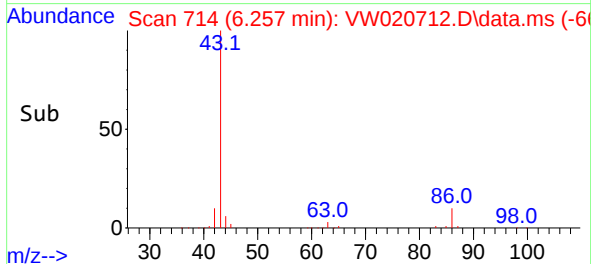
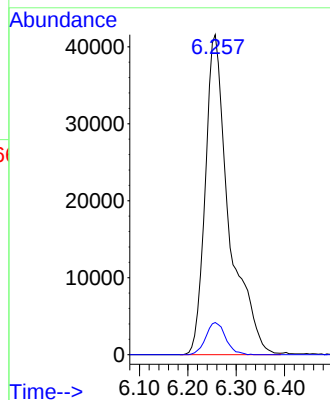
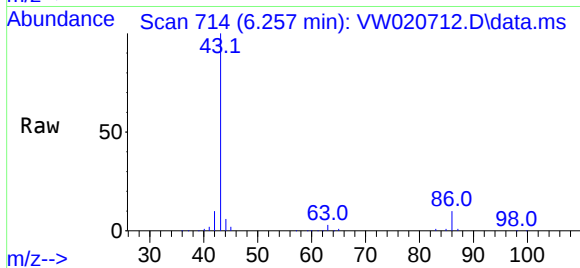
#23
 Vinyl Acetate
 Concen: 85.813 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020712.D
 Acq: 28 Oct 2021 10:25

Tgt Ion: 43 Resp: 142265
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

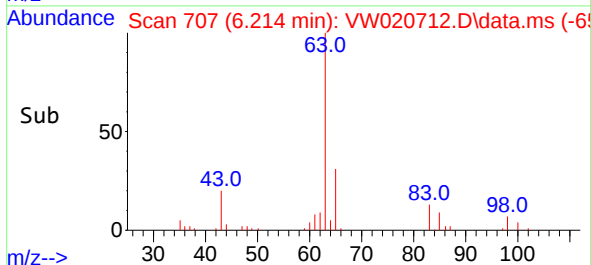
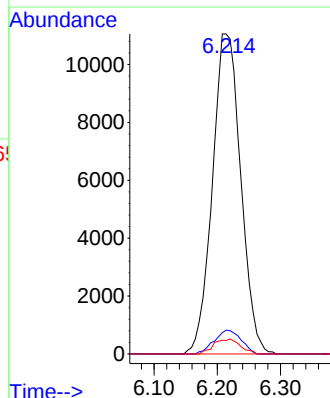
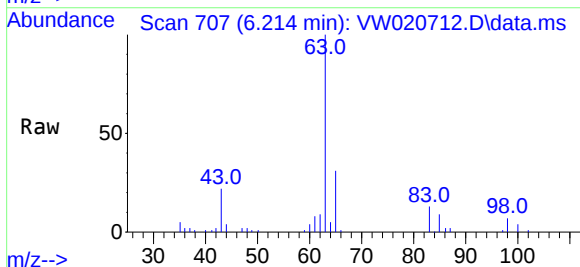
Manual Integrations
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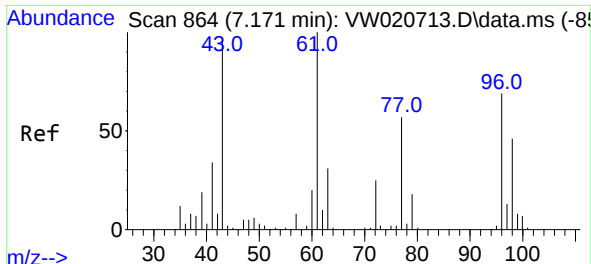
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#24
 1,1-Dichloroethane
 Concen: 17.604 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020712.D
 Acq: 28 Oct 2021 10:25

Tgt Ion: 63 Resp: 34379
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.2 2.1 6.5





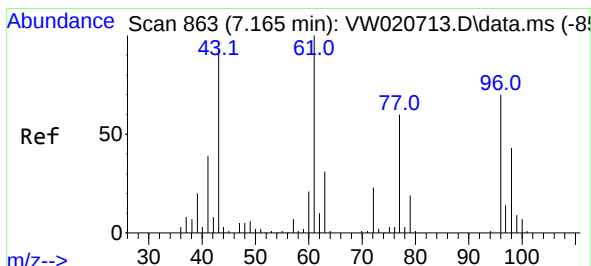
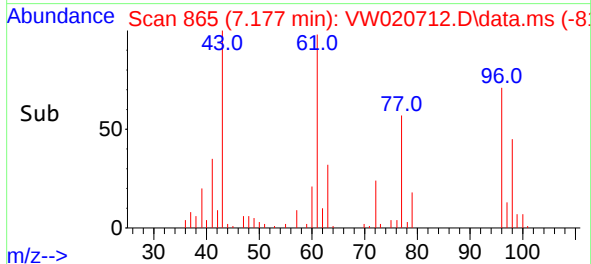
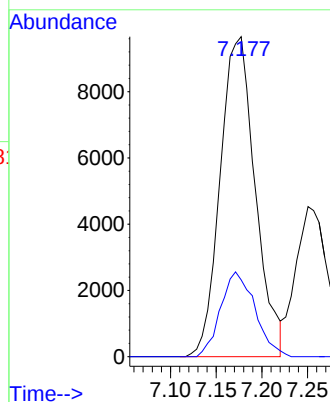
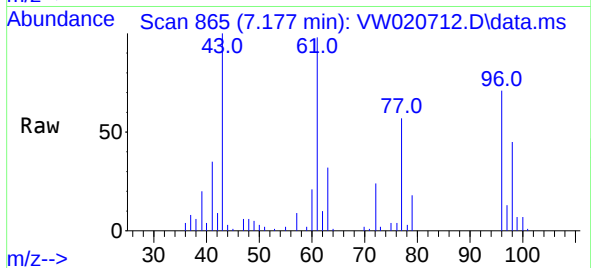
#25
2-Butanone
Concen: 80.857 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 43 Resp: 25834
Ion Ratio Lower Upper
43 100
72 24.0 20.4 30.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

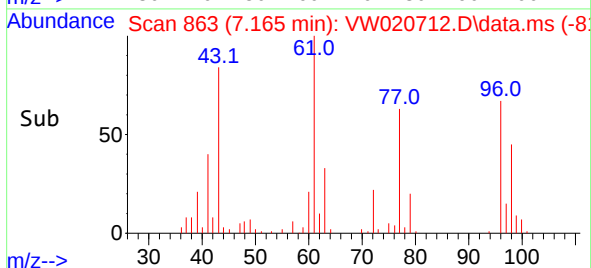
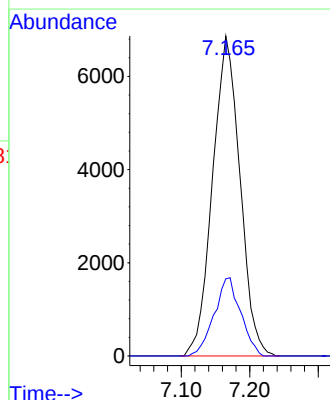
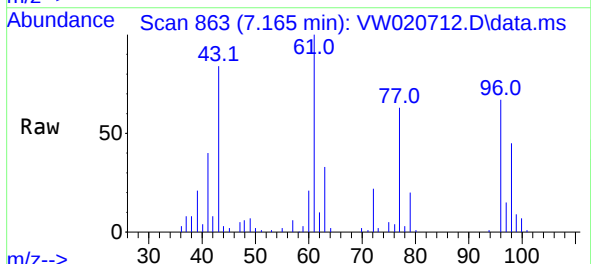
Manual Integrations
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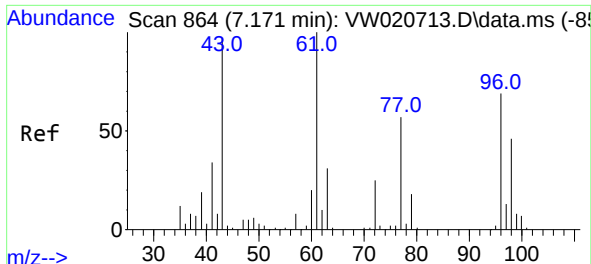
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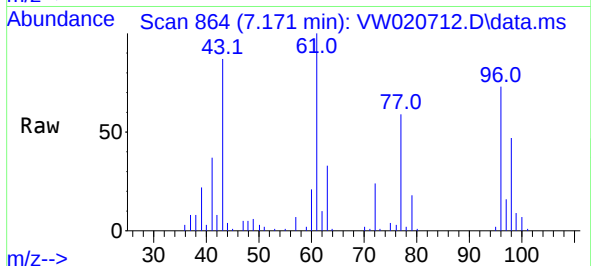
#26
2,2-Dichloropropane
Concen: 17.533 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 77 Resp: 19051
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.0

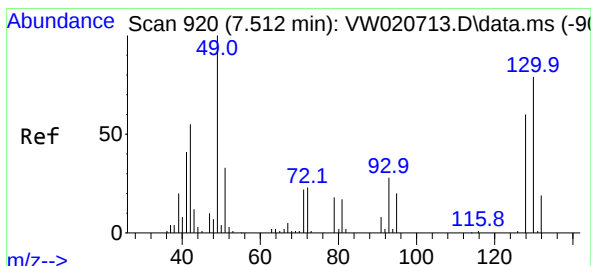
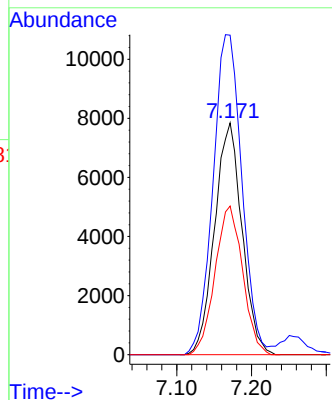
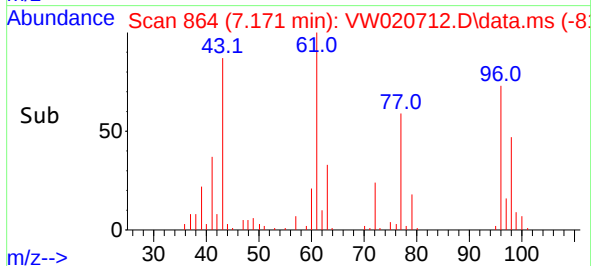




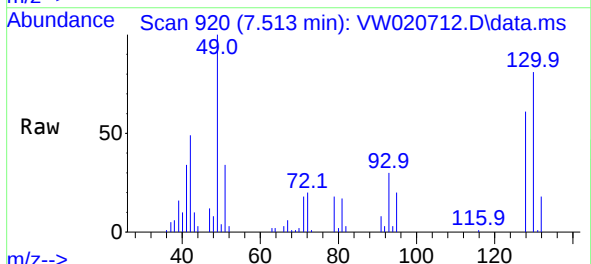
#27
cis-1,2-Dichloroethene
Concen: 17.206 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



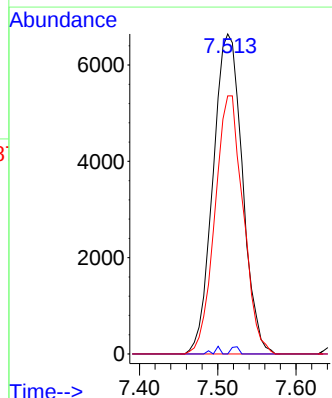
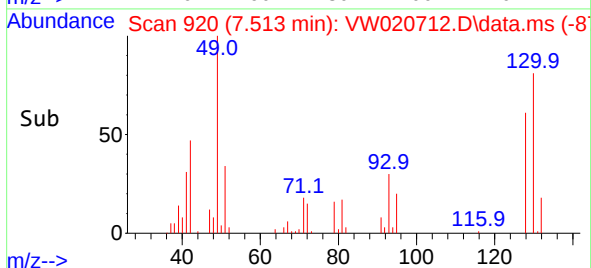
Tgt Ion: 96 Resp: 19989
Ion Ratio Lower Upper
96 100
61 145.6 0.0 288.8
98 64.7 0.0 129.2



#28
Bromochloromethane
Concen: 19.075 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



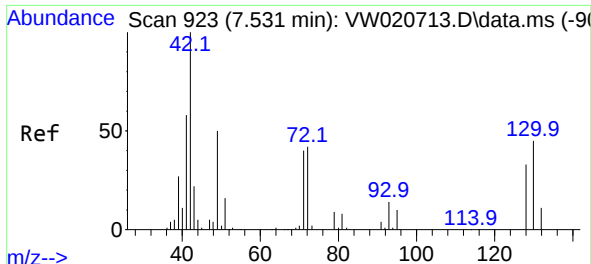
Tgt Ion: 49 Resp: 17309
Ion Ratio Lower Upper
49 100
129 0.6 0.0 0.0#
130 77.8 63.7 95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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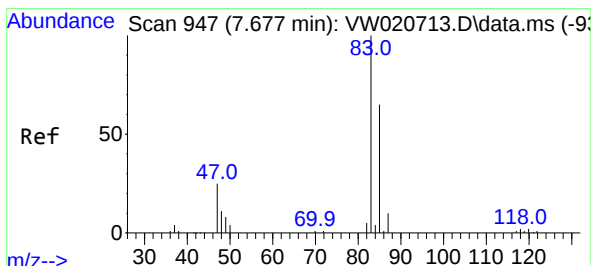
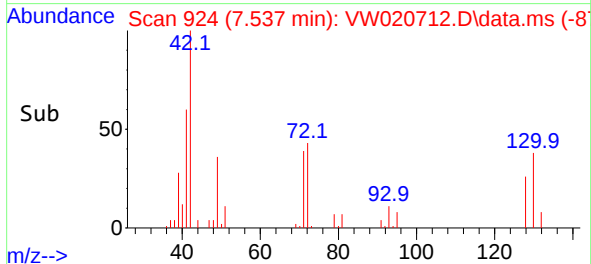
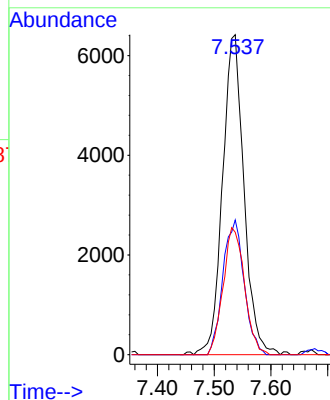
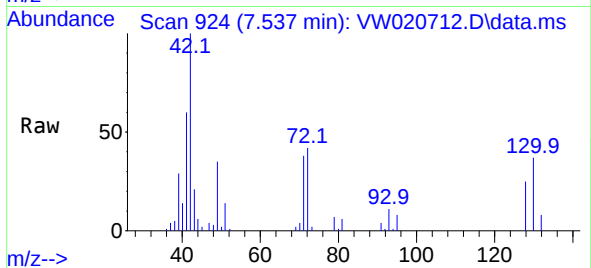
#29
Tetrahydrofuran
Concen: 87.062 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 42 Resp: 16831
Ion Ratio Lower Upper
42 100
72 41.5 33.0 49.6
71 39.6 31.5 47.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

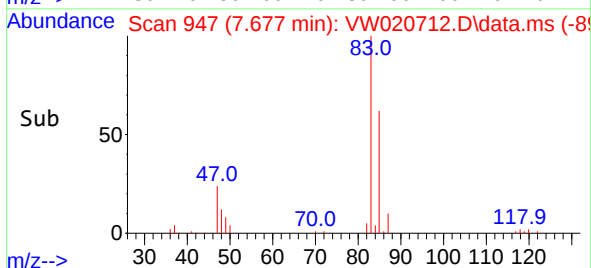
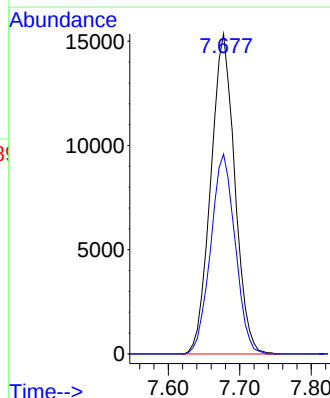
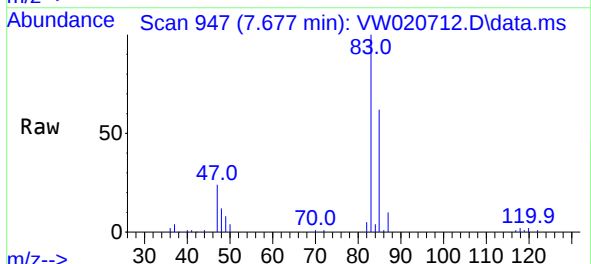
Manual Integrations
APPROVED

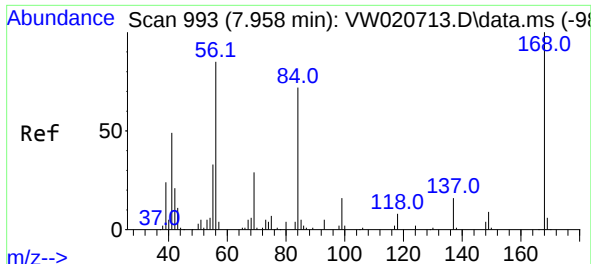
MMDadoda
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#30
Chloroform
Concen: 17.552 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

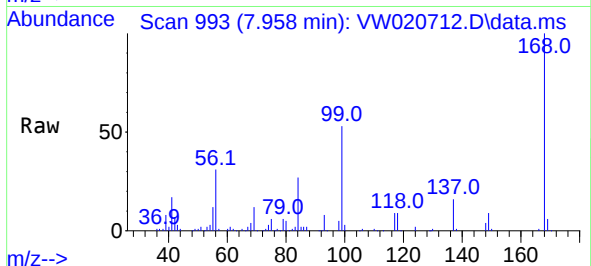
Tgt Ion: 83 Resp: 35784
Ion Ratio Lower Upper
83 100
85 62.4 51.6 77.4





#31
Cyclohexane
Concen: 17.573 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

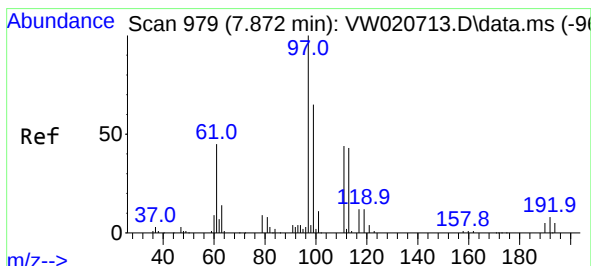
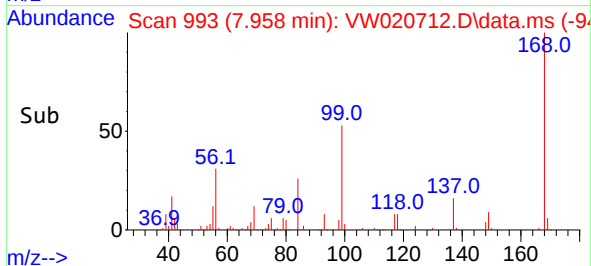
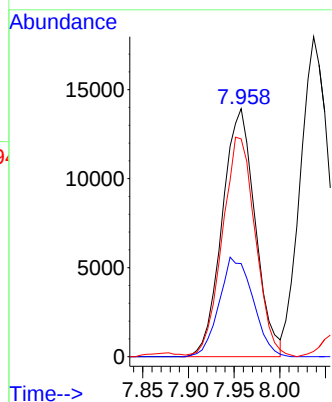
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



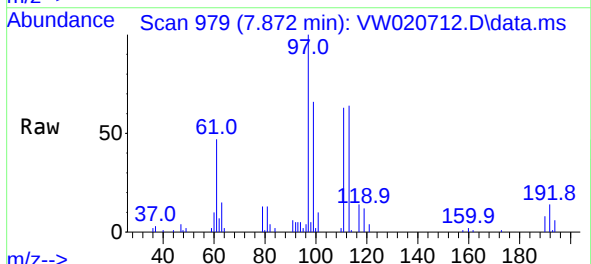
Tgt Ion: 56 Resp: 34976
Ion Ratio Lower Upper
56 100
69 37.6 26.9 40.3
84 86.8 68.1 102.1

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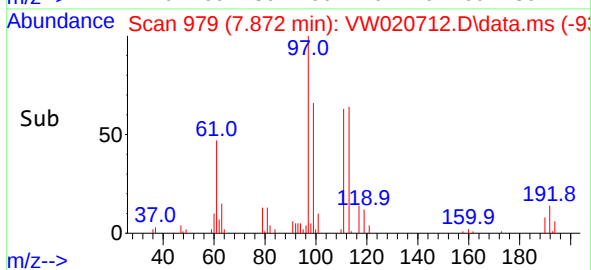
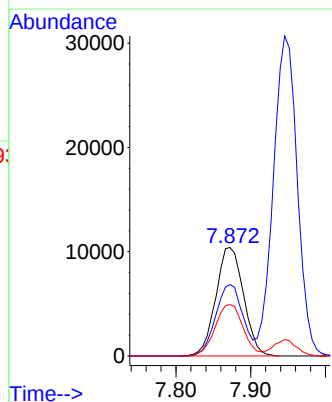
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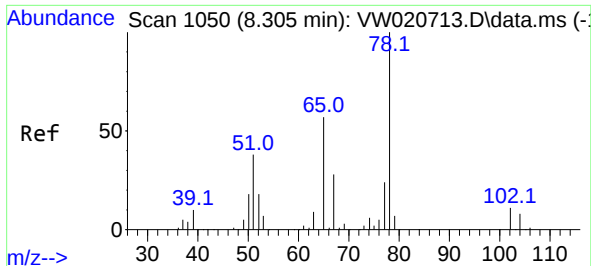


#32
1,1,1-Trichloroethane
Concen: 17.216 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion: 97 Resp: 26874
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 47.9 36.5 54.7





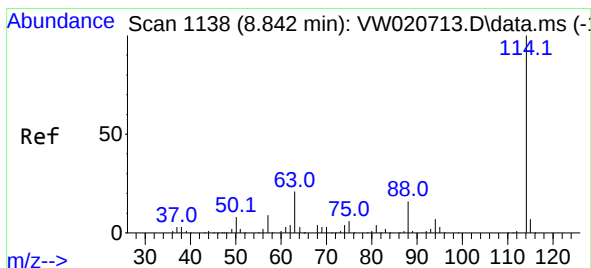
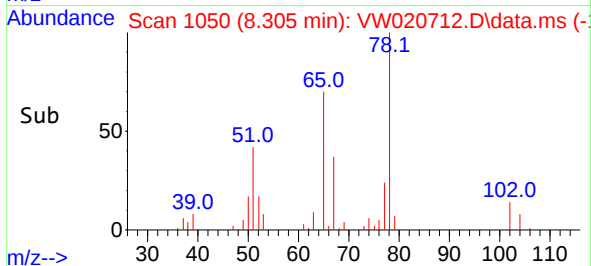
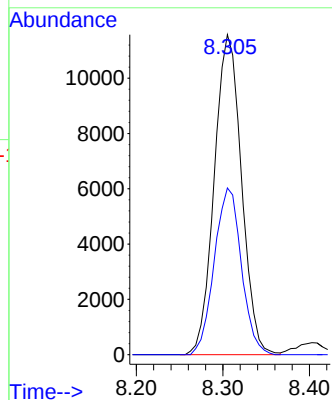
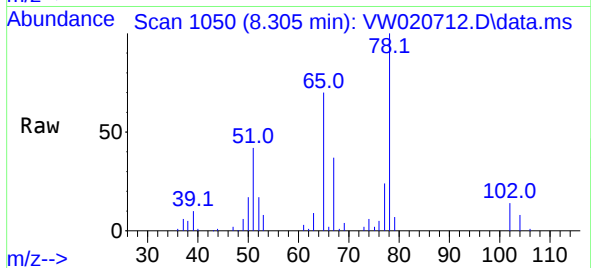
#33
1,2-Dichloroethane-d4
Concen: 21.290 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 65 Resp: 25286
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

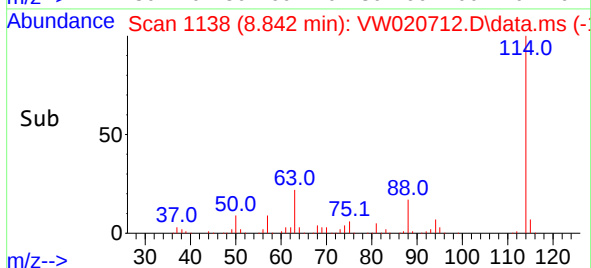
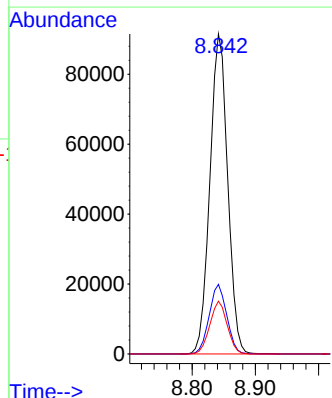
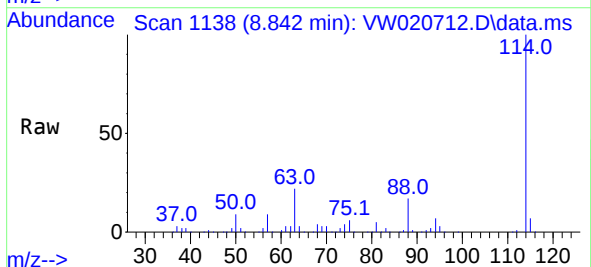
Manual Integrations
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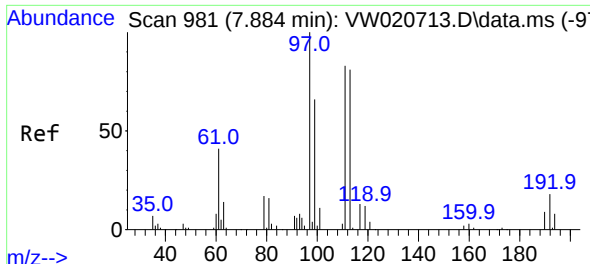
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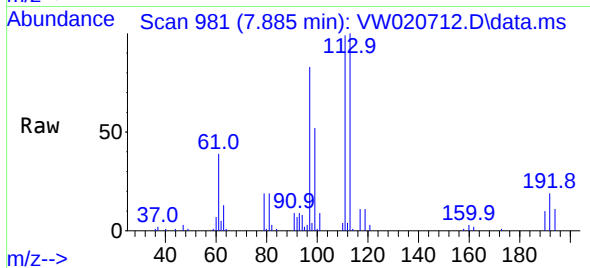
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 114 Resp: 178267
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.4
88 16.5 0.0 32.8



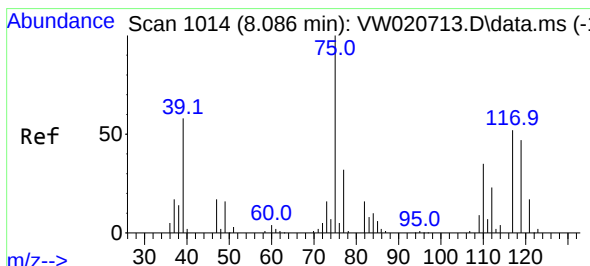
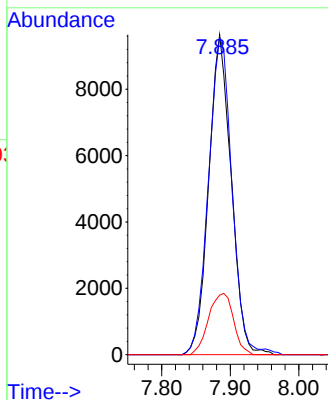
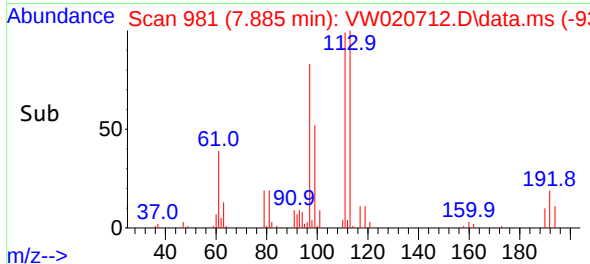


#35
Dibromofluoromethane
Concen: 20.977 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

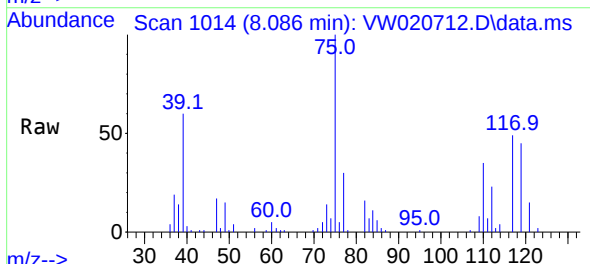


Tgt Ion: 113 Resp: 21937

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.3	123.5
192	21.2	17.7	26.5

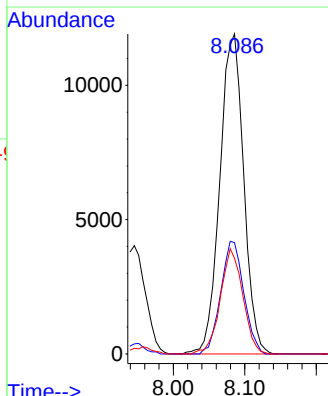
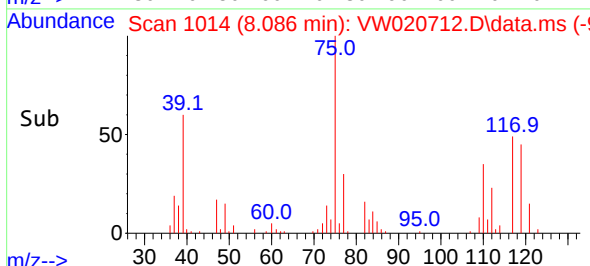


#36
1,1-Dichloropropene
Concen: 17.365 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion: 75 Resp: 27616

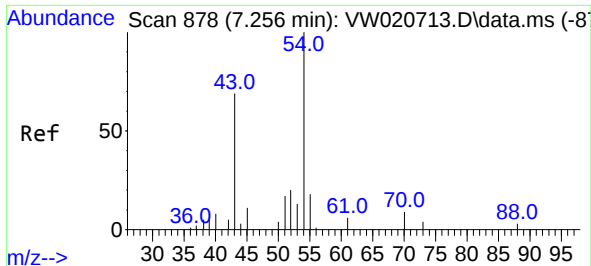
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.3	52.0
77	30.9	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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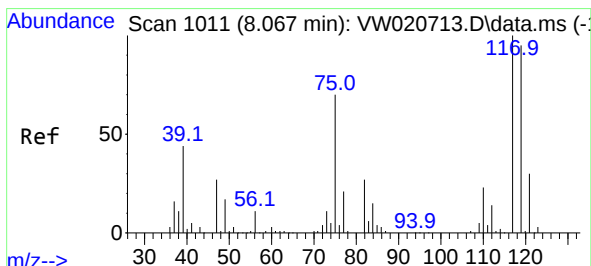
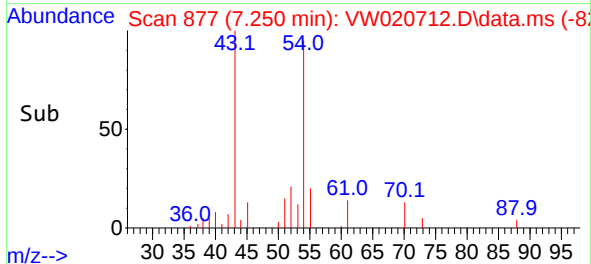
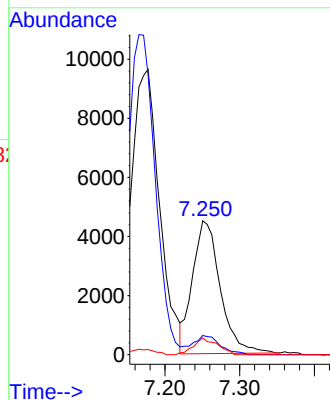
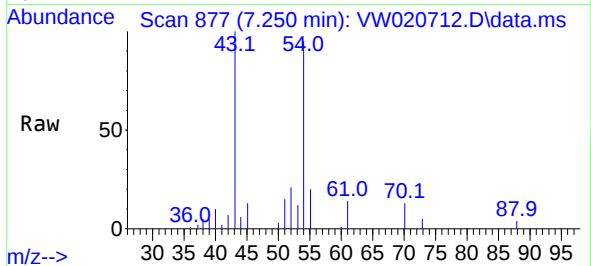
#37
Ethyl Acetate
Concen: 17.086 ug/l
RT: 7.250 min Scan# 877
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 43	Resp: 11596
Ion Ratio	Lower Upper
43	100
61	12.8 11.0 16.4
70	10.8 8.6 13.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

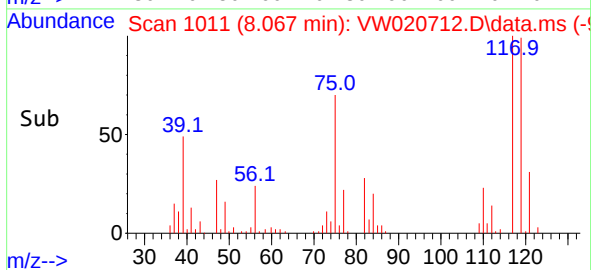
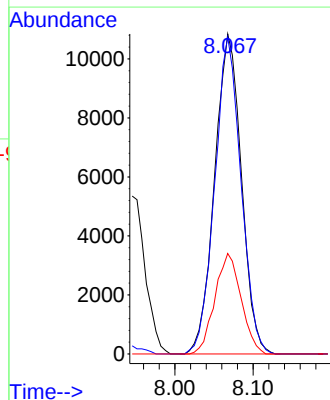
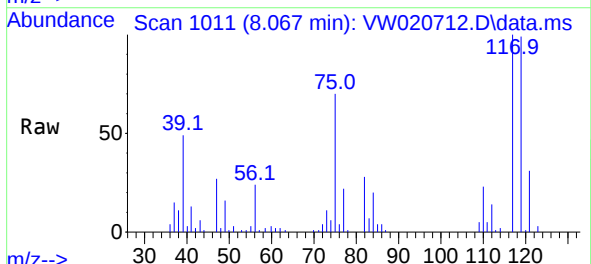
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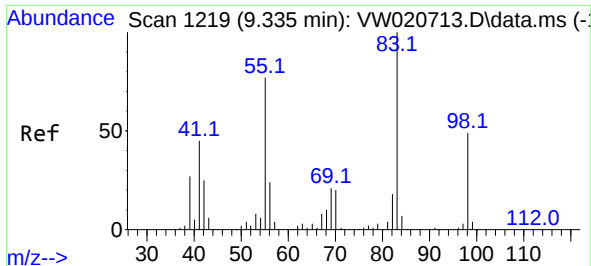
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#38
Carbon Tetrachloride
Concen: 17.585 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 117	Resp: 25755
Ion Ratio	Lower Upper
117	100
119	99.1 76.1 114.1
121	31.4 24.2 36.4





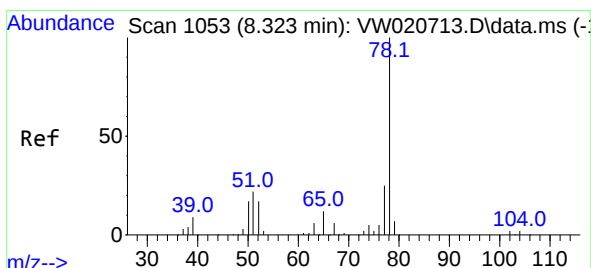
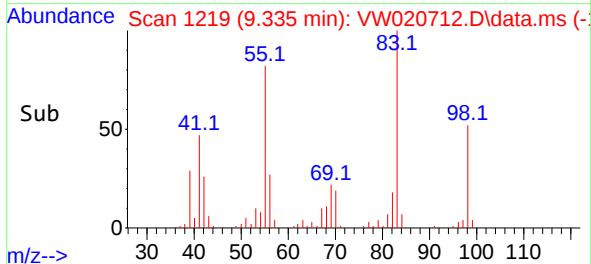
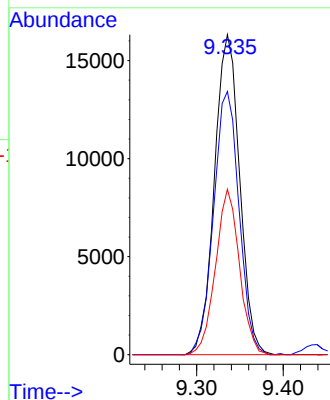
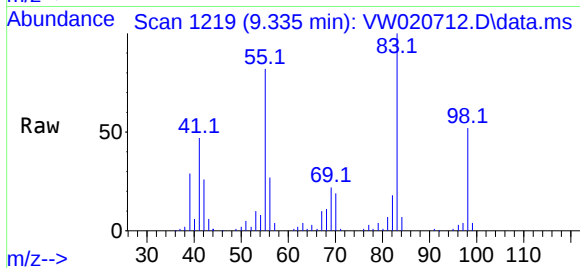
#39
Methylcyclohexane
Concen: 17.164 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:	83	Resp:	32983
Ion	Ratio	Lower	Upper
83	100		
55	82.2	61.6	92.4
98	51.7	39.0	58.6

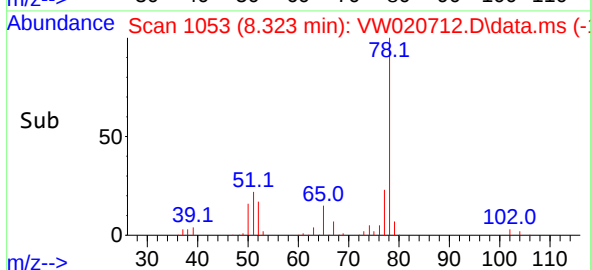
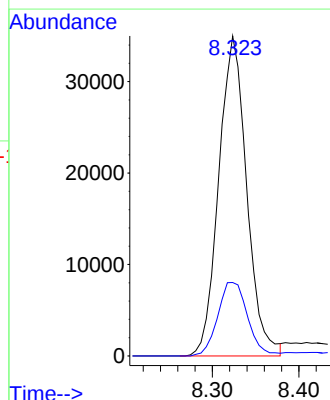
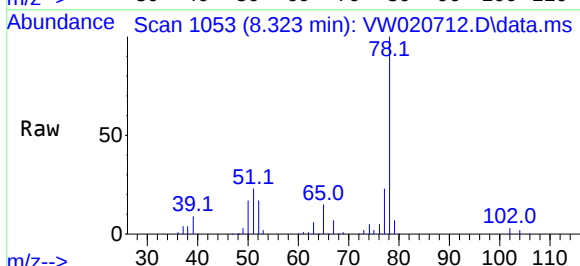
Manual Integrations
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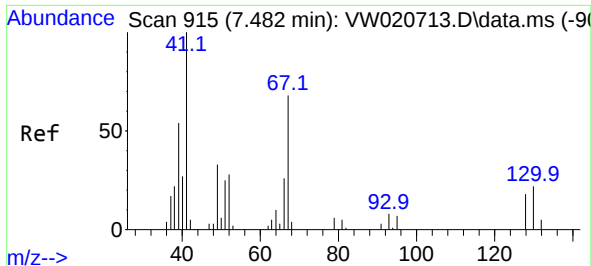
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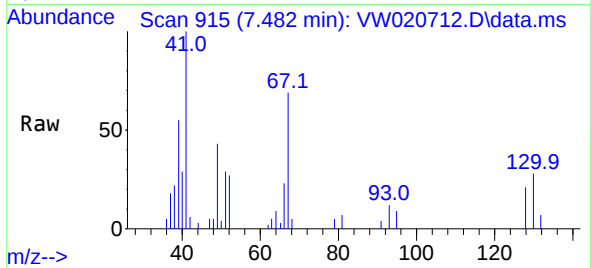
#40
Benzene
Concen: 17.195 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	78	Resp:	78481
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.6	29.4



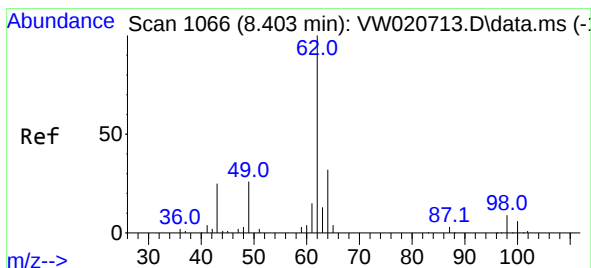
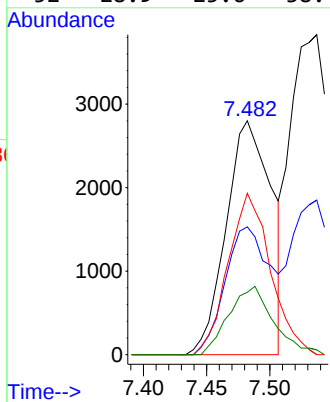
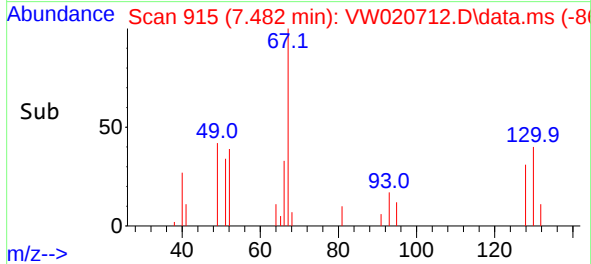


#41
Methacrylonitrile
Concen: 17.417 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

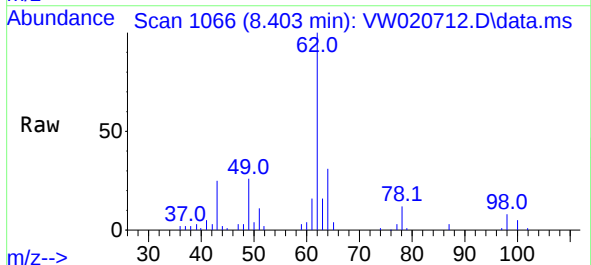


Tgt Ion: 41 Resp: 6954

Ion	Ratio	Lower	Upper
41	100		
39	54.7	49.4	74.2
67	64.9	58.9	88.3
52	28.9	25.6	38.4

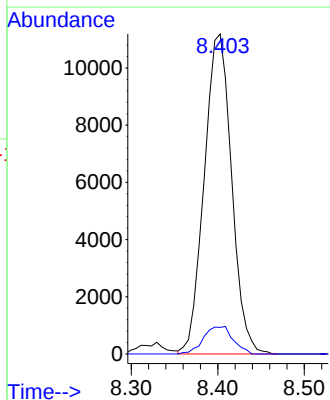
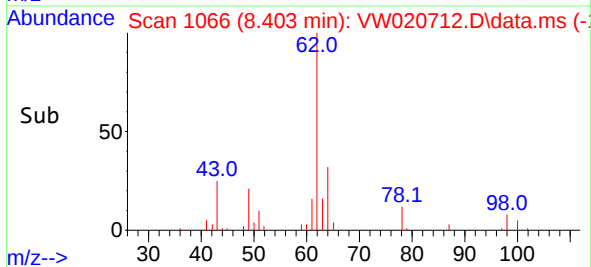


#42
1,2-Dichloroethane
Concen: 17.530 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion: 62 Resp: 24591

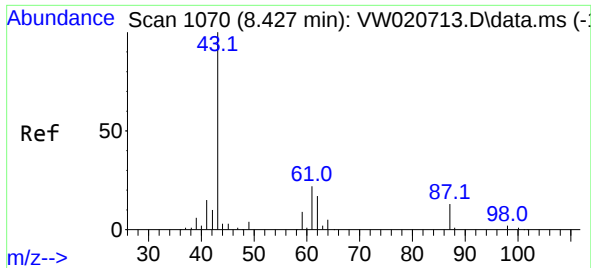
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



Instrument :
MSVOA_W
ClientSampleId :
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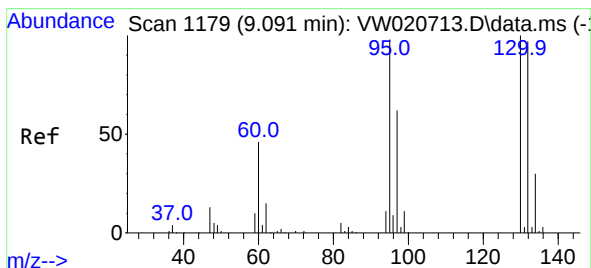
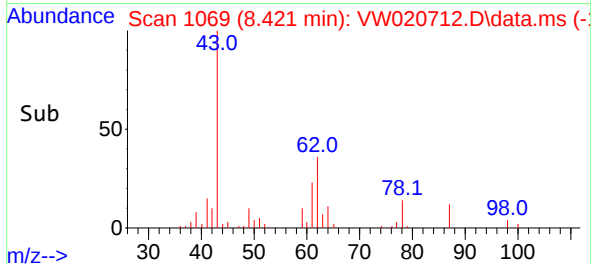
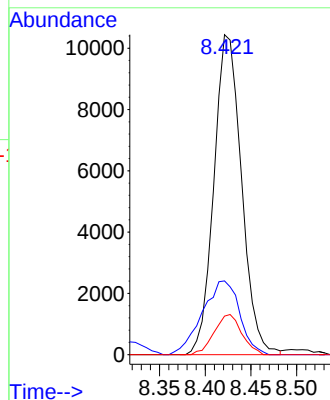
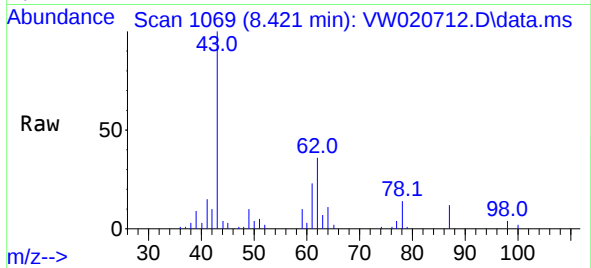
#43
Isopropyl Acetate
Concen: 16.906 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	43	Resp:	21976
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.1	36.1
87	12.5	10.5	15.7

Instrument :
MSVOA_W
ClientSampleId :
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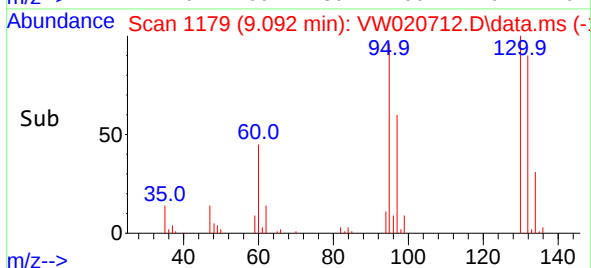
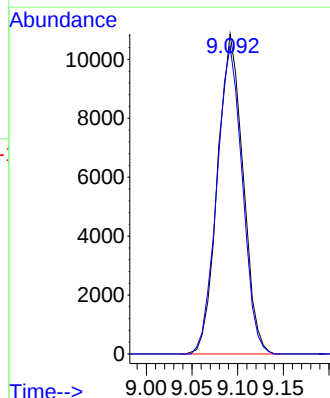
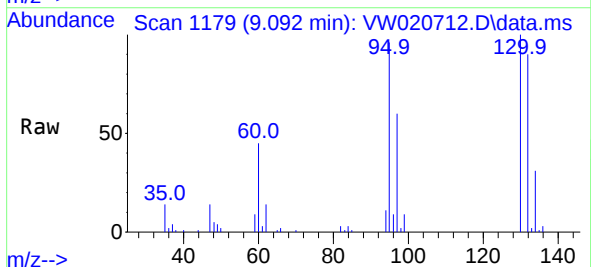
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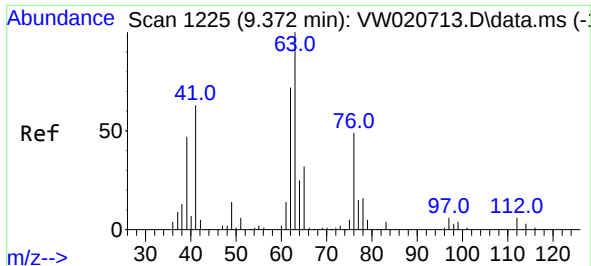
MMDadoda
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#44
Trichloroethene
Concen: 17.559 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	130	Resp:	21055
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	196.2





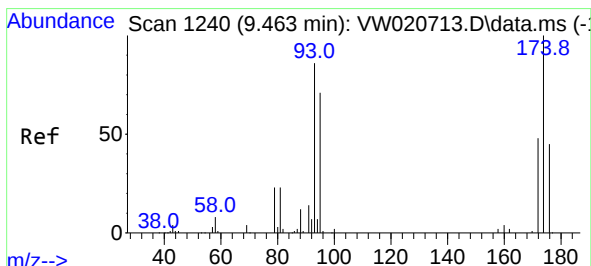
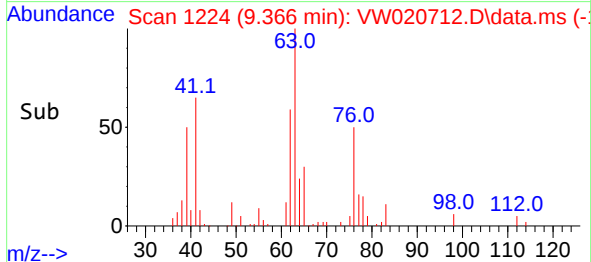
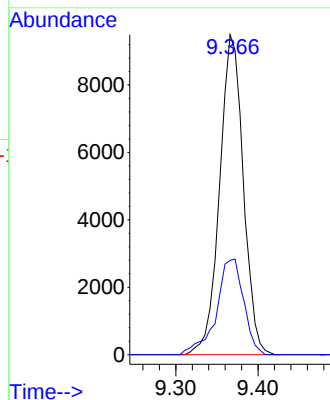
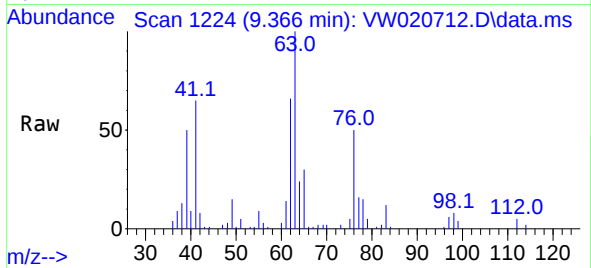
#45
1,2-Dichloropropane
Concen: 17.642 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 63 Resp: 18992
Ion Ratio Lower Upper
63 100
65 29.5 25.2 37.8

Instrument :
MSVOA_W
ClientSampled :
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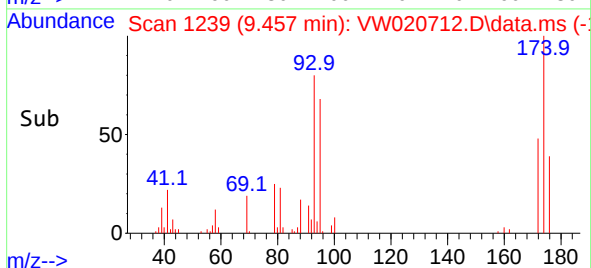
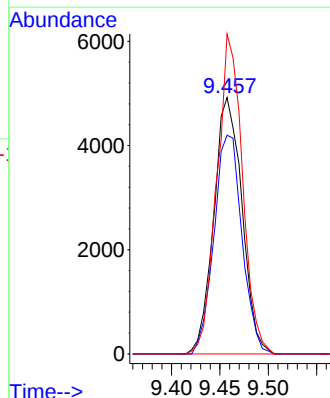
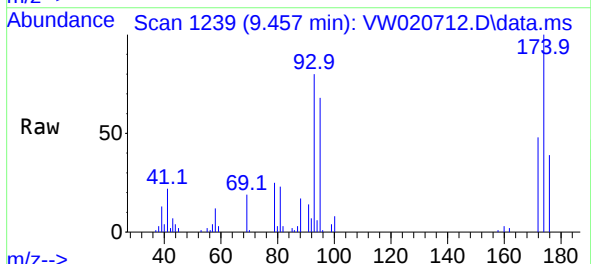
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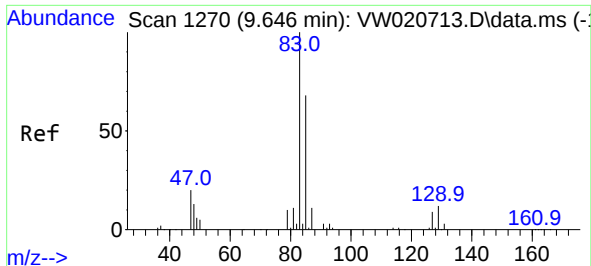
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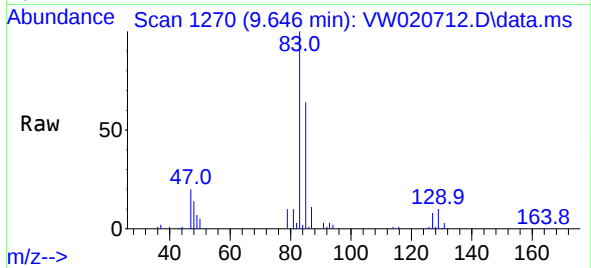
#46
Dibromomethane
Concen: 17.019 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 93 Resp: 9956
Ion Ratio Lower Upper
93 100
95 84.9 66.7 100.1
174 113.4 90.4 135.6



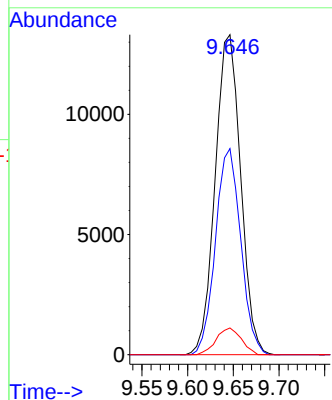


#47
Bromodichloromethane
Concen: 17.429 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion: 83 Resp: 25881

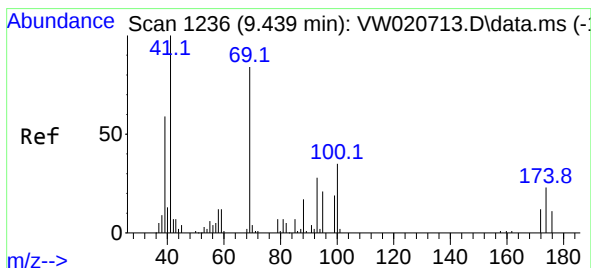
Ion	Ratio	Lower	Upper
83	100		
85	64.4	54.0	81.0
127	8.4	7.0	10.6



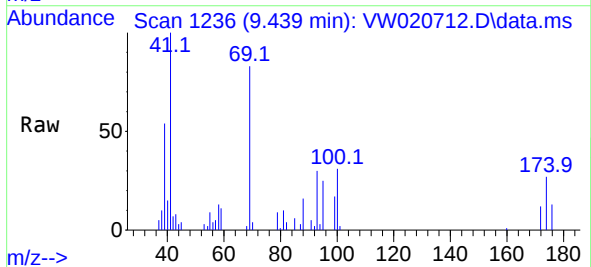
Instrument :
MSVOA_W
ClientSampleId :
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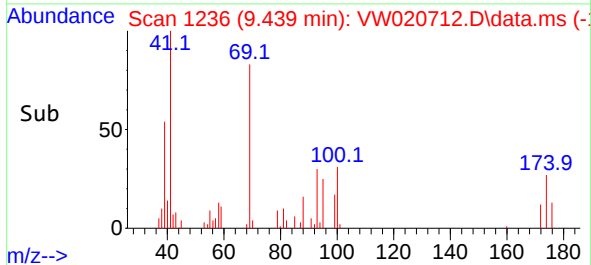
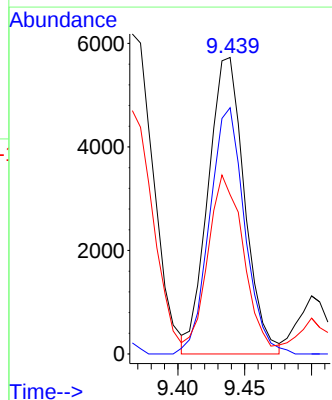


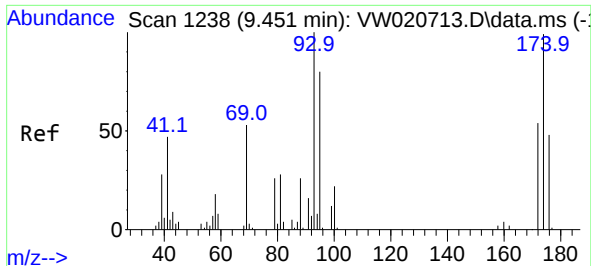
#48
Methyl methacrylate
Concen: 17.696 ug/l m
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion: 41 Resp: 10874

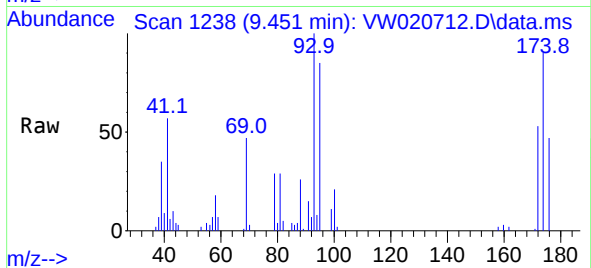
Ion	Ratio	Lower	Upper
41	100		
69	80.0	67.4	101.0
39	54.4	47.2	70.8





#49
1,4-Dioxane
Concen: 342.474 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

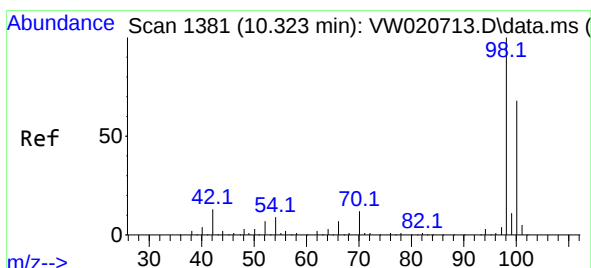
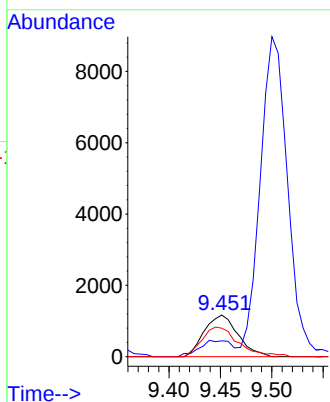
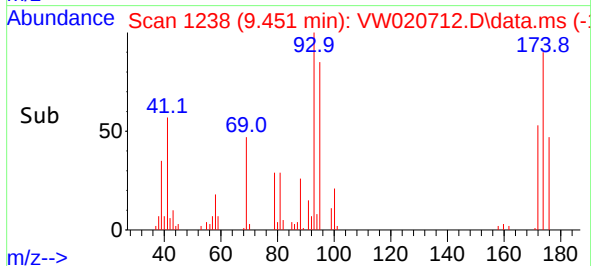
Instrument :
MSVOA_W
ClientSampleId :
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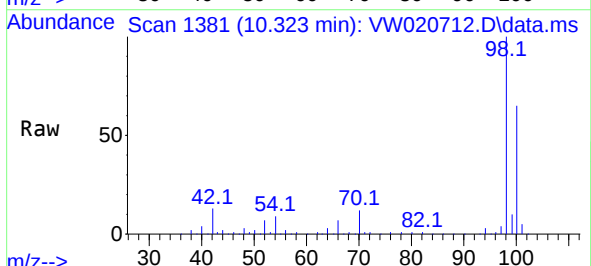
Tgt Ion: 88 Resp: 2656
Ion Ratio Lower Upper
88 100
43 36.8 29.1 43.7
58 77.5 58.6 88.0

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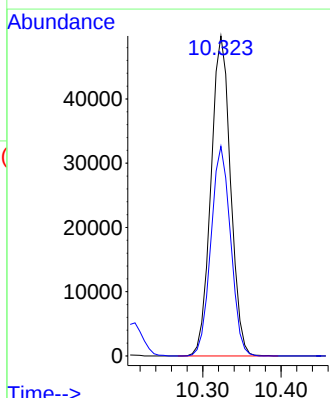
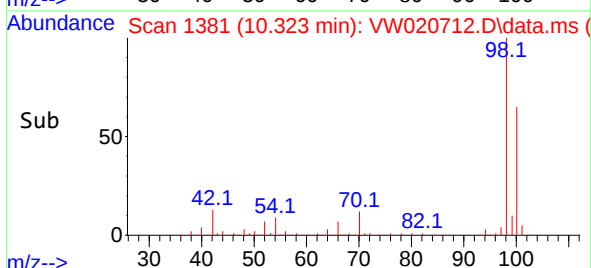
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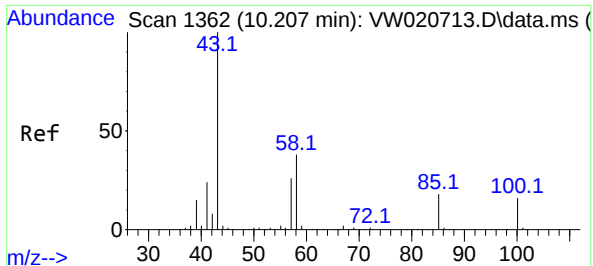


#50
Toluene-d8
Concen: 22.055 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion: 98 Resp: 86554
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





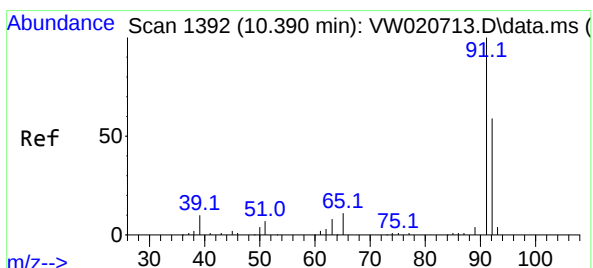
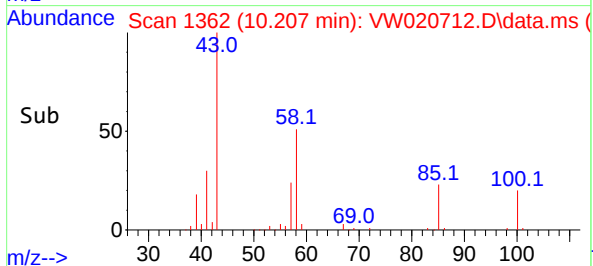
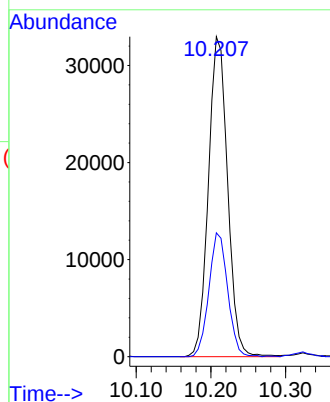
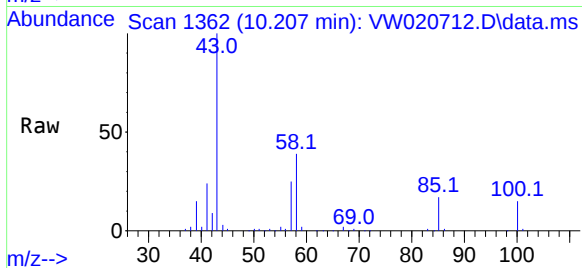
#51
4-Methyl-2-Pentanone
Concen: 86.545 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 43 Resp: 58854
Ion Ratio Lower Upper
43 100
58 37.9 31.0 46.4

Instrument :
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ClientSampleId :
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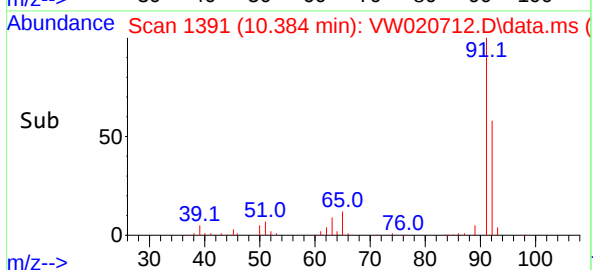
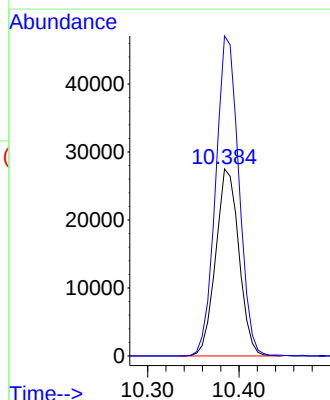
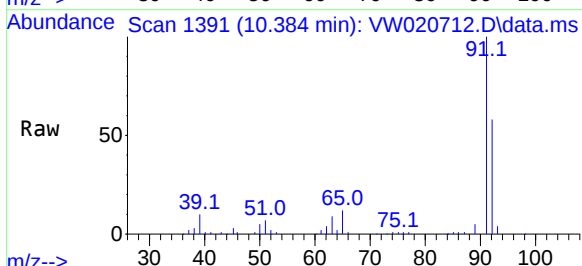
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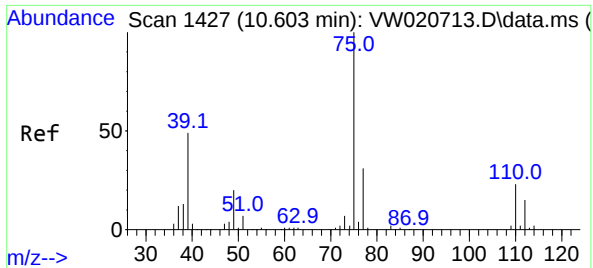
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#52
Toluene
Concen: 17.415 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 92 Resp: 48585
Ion Ratio Lower Upper
92 100
91 171.1 135.4 203.2





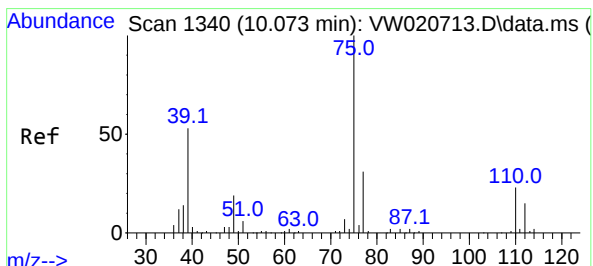
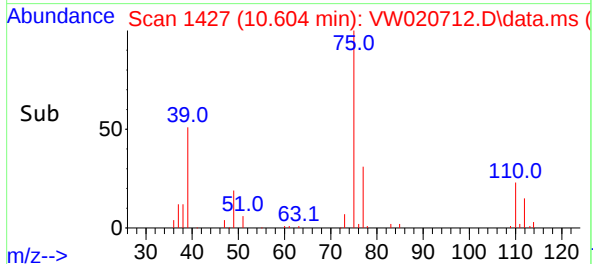
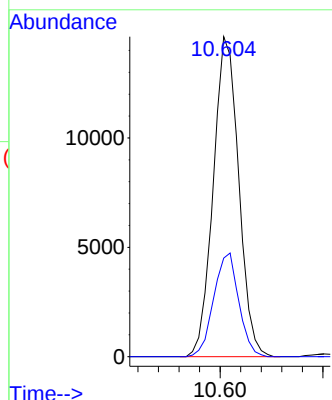
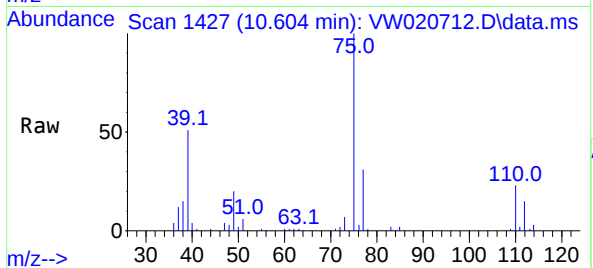
#53
t-1,3-Dichloropropene
Concen: 16.768 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 75 Resp: 25086
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6

Instrument :
MSVOA_W
ClientSampleId :
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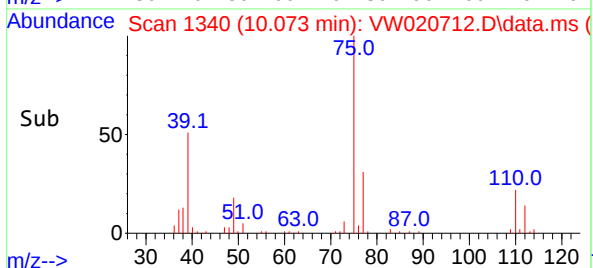
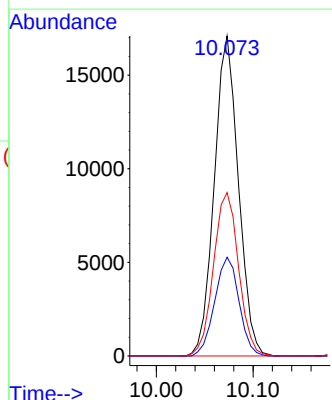
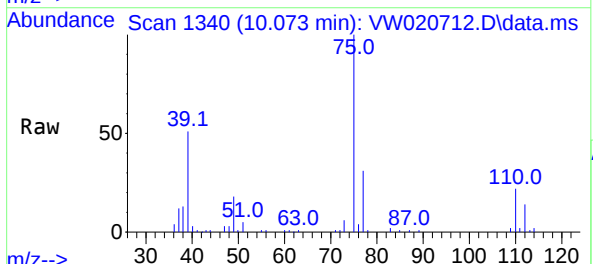
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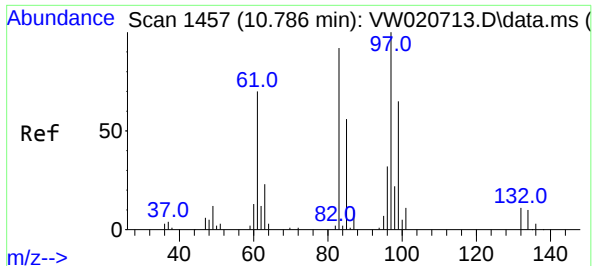
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#54
cis-1,3-Dichloropropene
Concen: 17.197 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 75 Resp: 29597
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 51.1 42.6 63.8





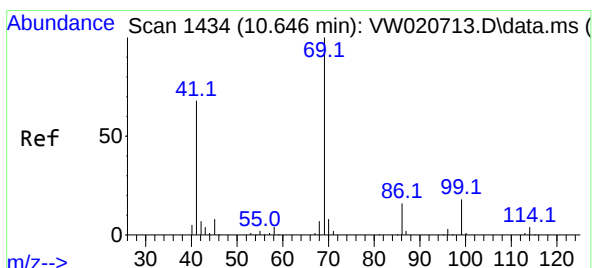
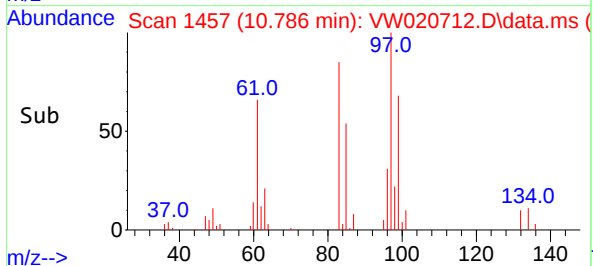
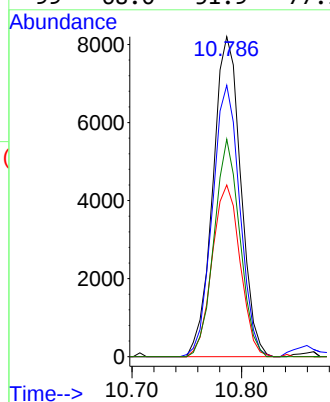
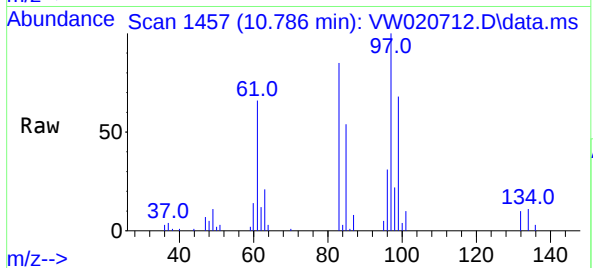
#55
1,1,2-Trichloroethane
Concen: 17.718 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	97	Resp:	14458
Ion	Ratio	Lower	Upper
97	100		
83	84.8	73.9	110.9
85	53.7	44.8	67.2
99	68.0	51.9	77.9

Instrument :
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ClientSampleId :
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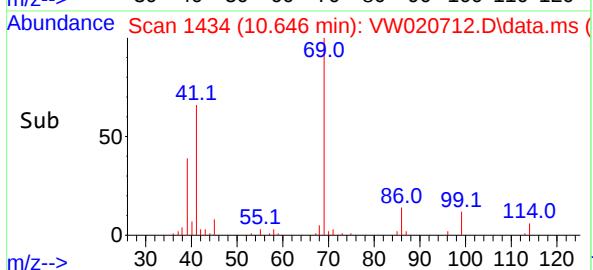
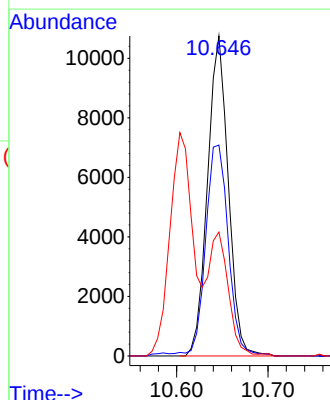
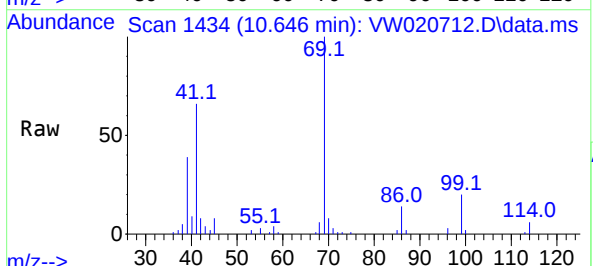
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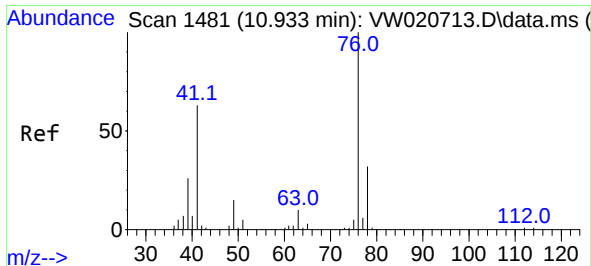
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#56
Ethyl methacrylate
Concen: 16.626 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:	69	Resp:	16945
Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.5	83.3
39	37.1	29.6	44.4





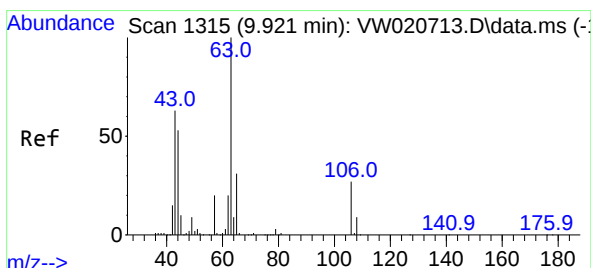
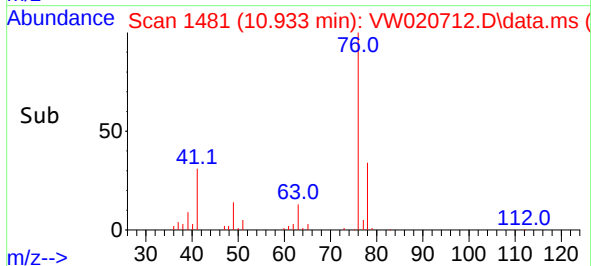
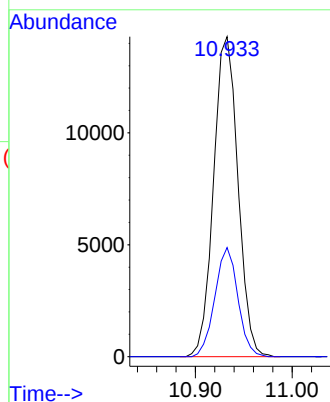
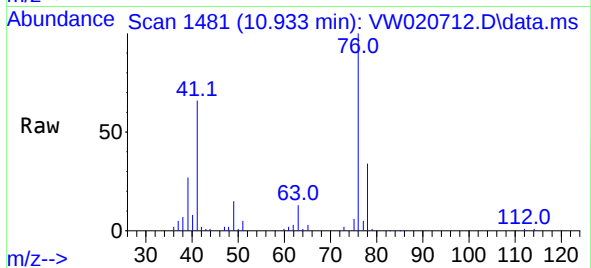
#57
1,3-Dichloropropane
Concen: 17.522 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 76 Resp: 24941
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Instrument :
MSVOA_W
ClientSampleId :
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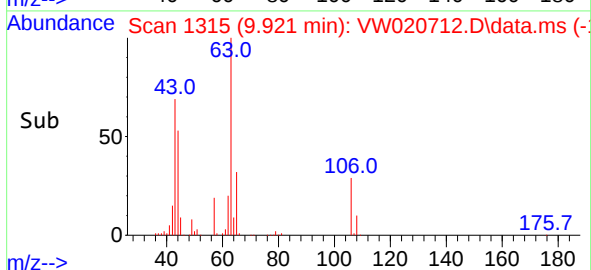
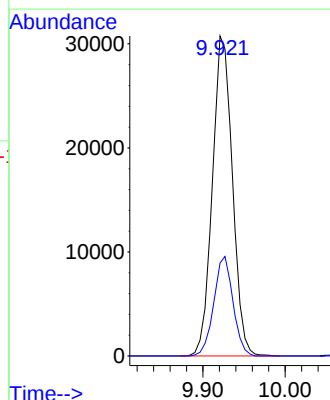
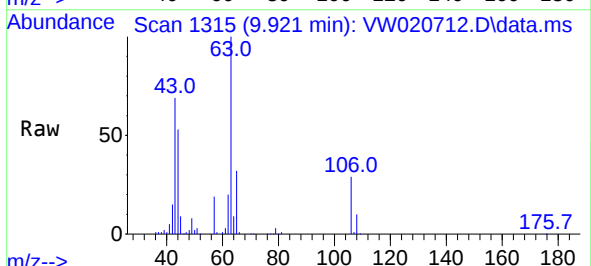
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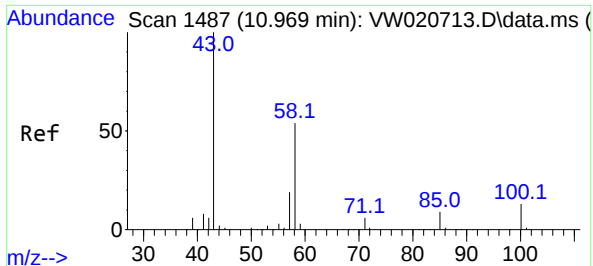
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#58
2-Chloroethyl Vinyl ether
Concen: 107.481 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 63 Resp: 51946
Ion Ratio Lower Upper
63 100
106 29.8 23.1 34.7





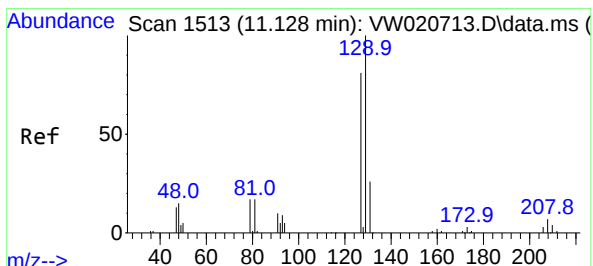
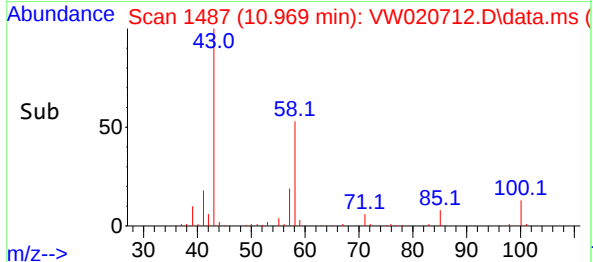
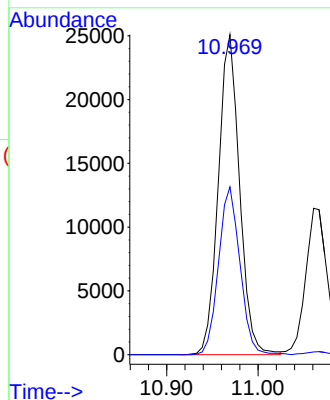
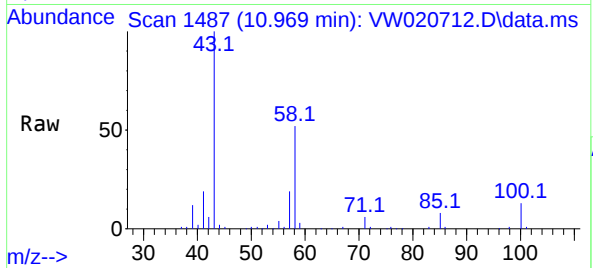
#59
2-Hexanone
Concen: 84.294 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 43 Resp: 40539
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

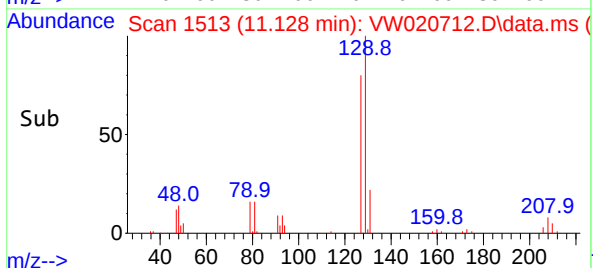
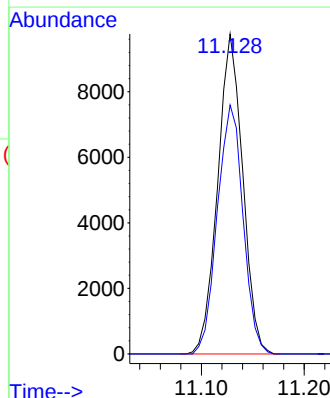
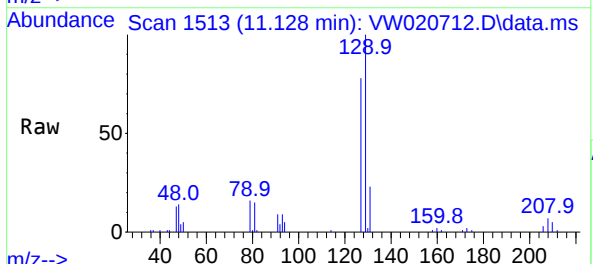
Manual Integrations
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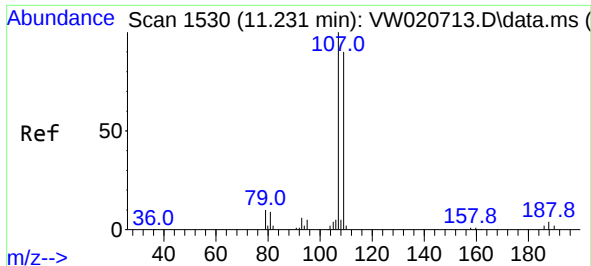
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#60
Dibromochloromethane
Concen: 16.914 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

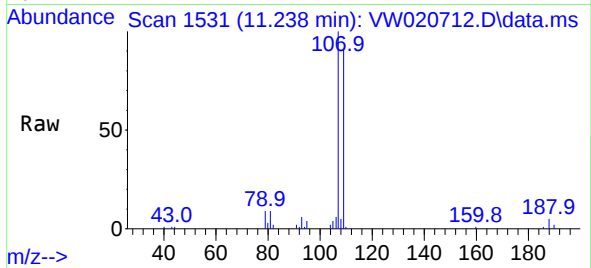
Tgt Ion:129 Resp: 16494
Ion Ratio Lower Upper
129 100
127 79.8 39.3 117.9





#61
1,2-Dibromoethane
Concen: 17.319 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

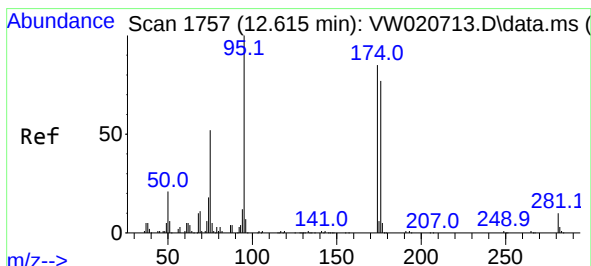
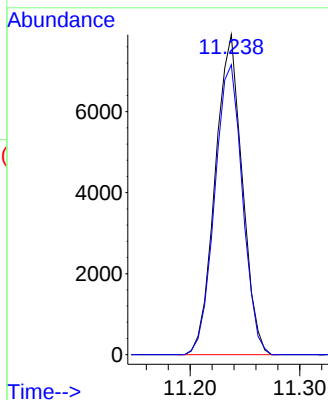
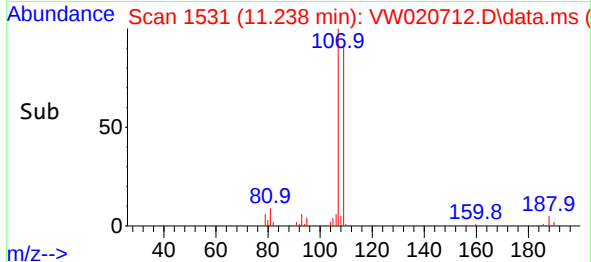
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



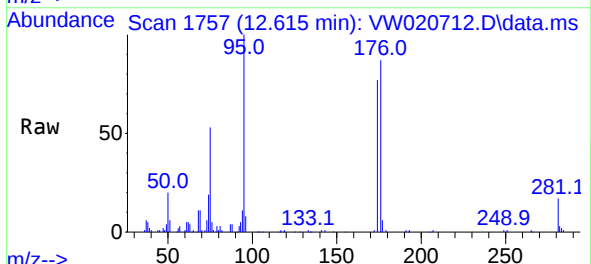
Tgt Ion:107 Resp: 13525
Ion Ratio Lower Upper
107 100
109 93.1 74.9 112.3

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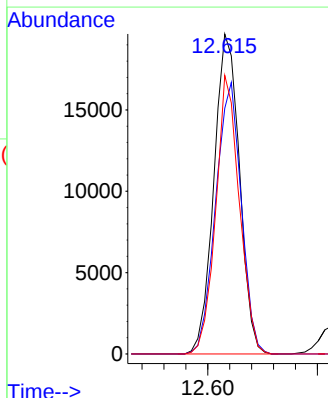
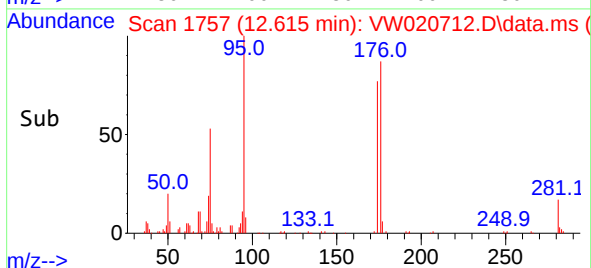
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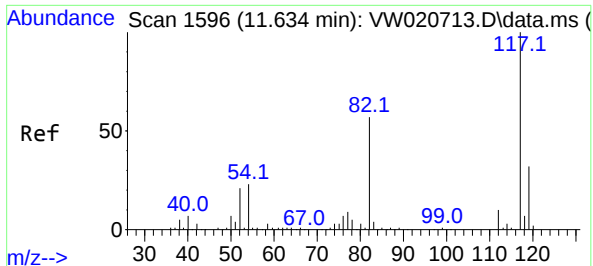


#62
4-Bromofluorobenzene
Concen: 21.492 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



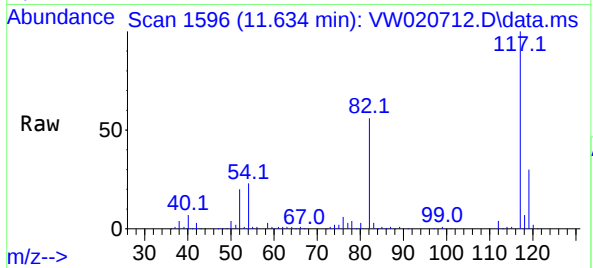
Tgt Ion: 95 Resp: 31821
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.0
176 80.7 0.0 165.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

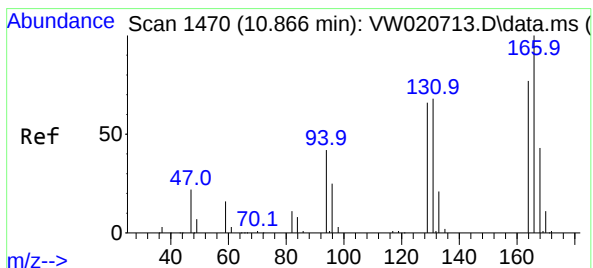
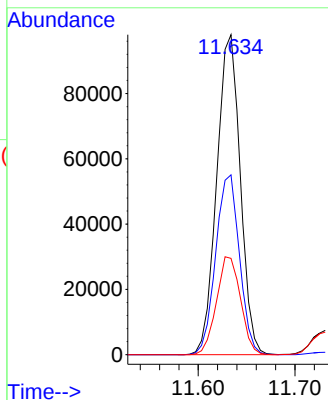
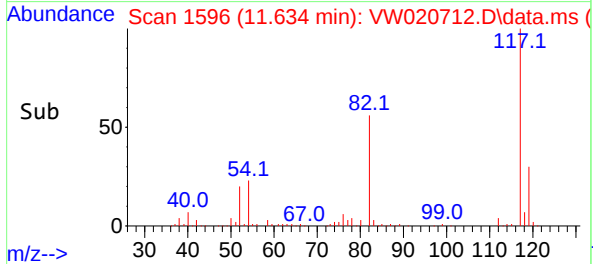
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



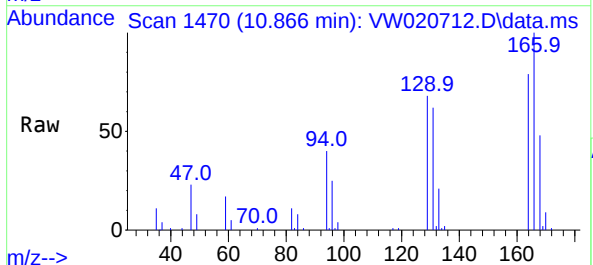
Tgt Ion:117 Resp: 165628
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 30.1 25.4 38.2

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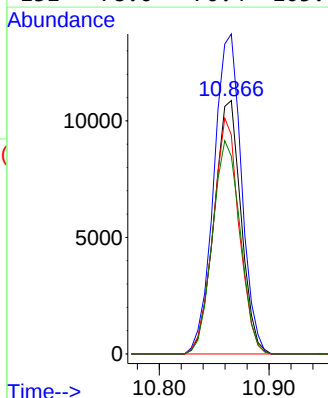
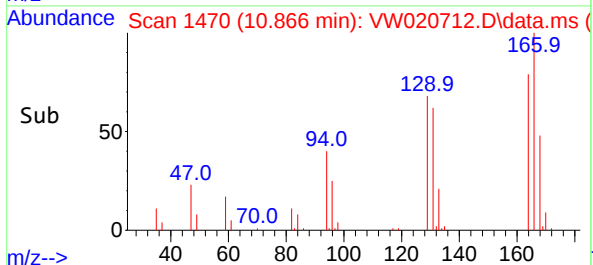
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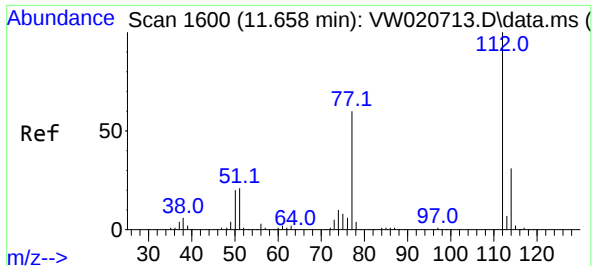


#64
Tetrachloroethene
Concen: 17.623 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion:164 Resp: 18588
Ion Ratio Lower Upper
164 100
166 126.3 104.1 156.1
129 86.5 68.5 102.7
131 78.0 70.4 105.6





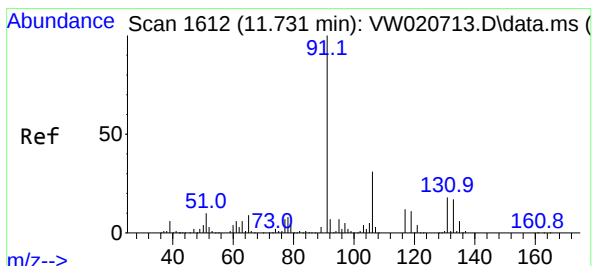
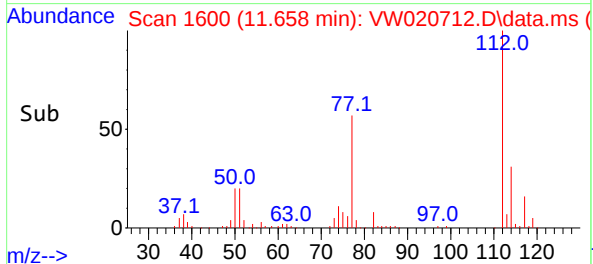
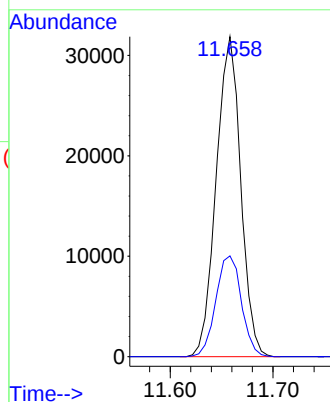
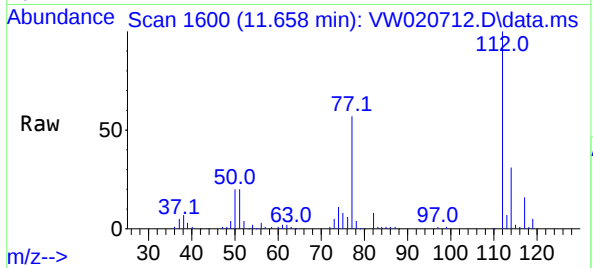
#65
Chlorobenzene
Concen: 17.553 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 52720
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8

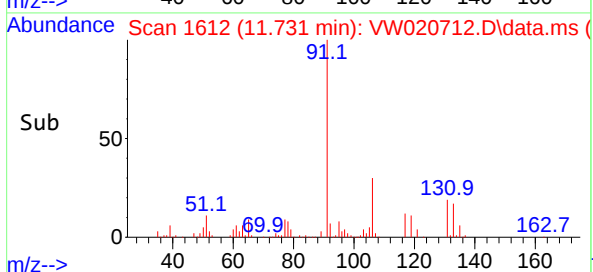
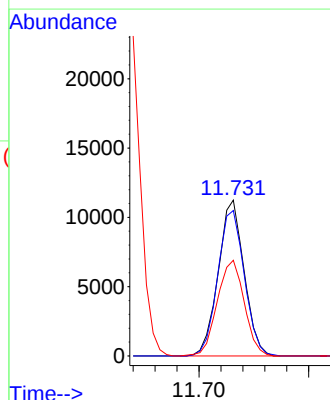
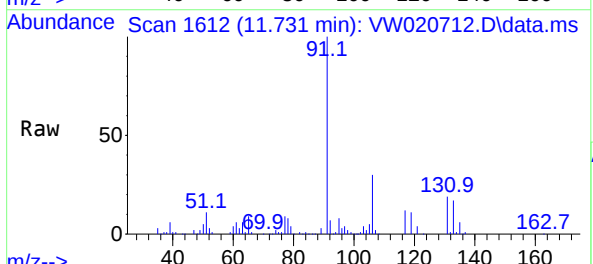
Manual Integrations
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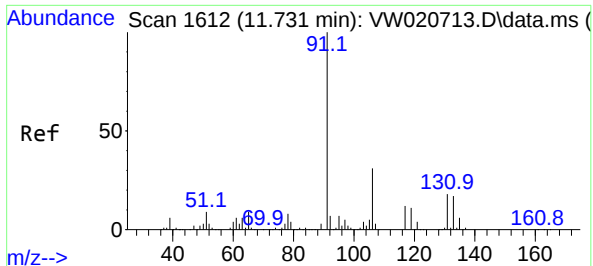
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#66
1,1,1,2-Tetrachloroethane
Concen: 16.823 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

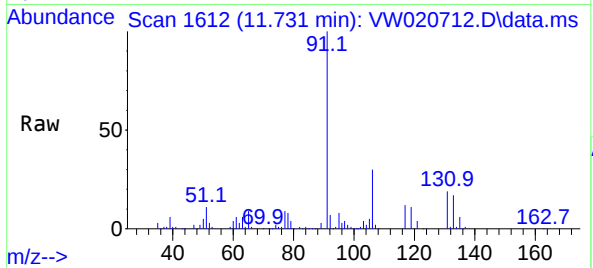
Tgt Ion:131 Resp: 18415
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.8
119 64.1 31.7 95.1





#67
Ethyl Benzene
Concen: 17.435 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

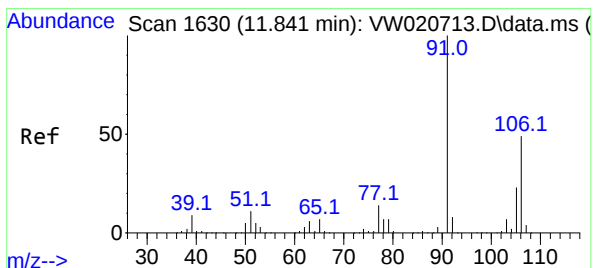
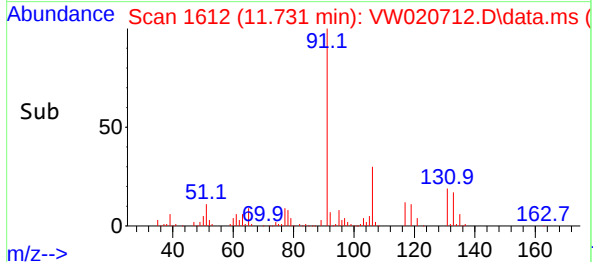
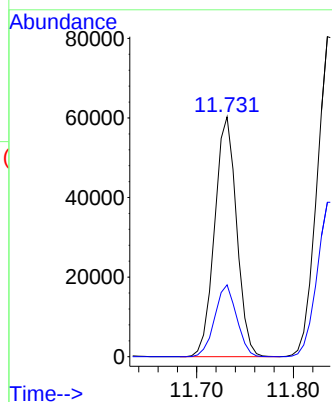
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 94865
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7

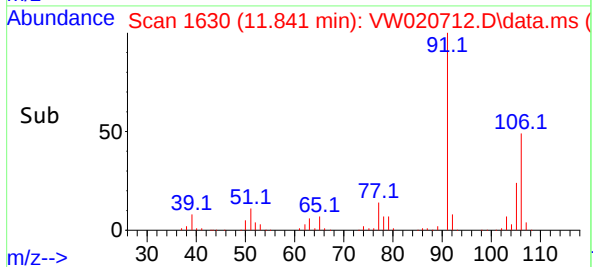
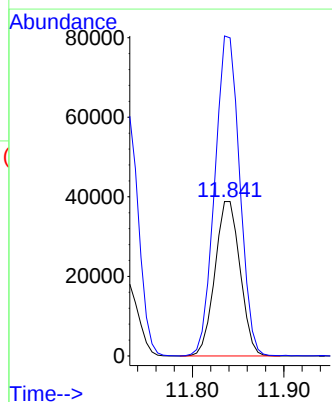
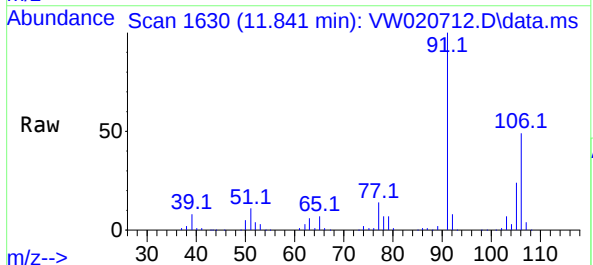
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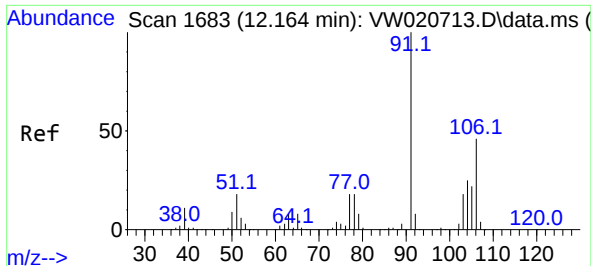
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#68
m/p-Xylenes
Concen: 35.250 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:106 Resp: 74293
Ion Ratio Lower Upper
106 100
91 205.3 163.8 245.8





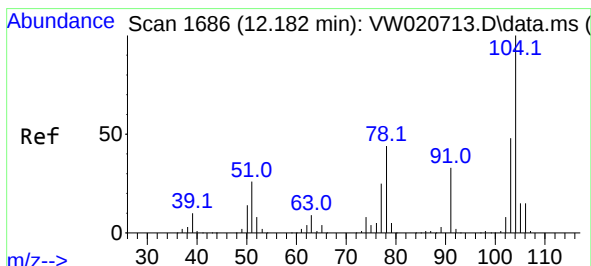
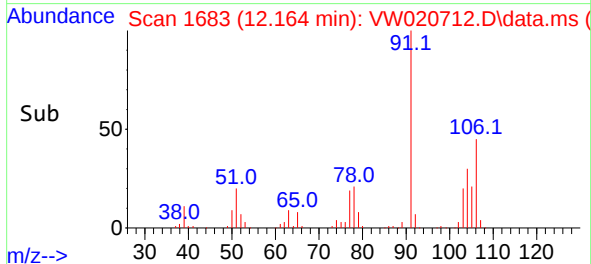
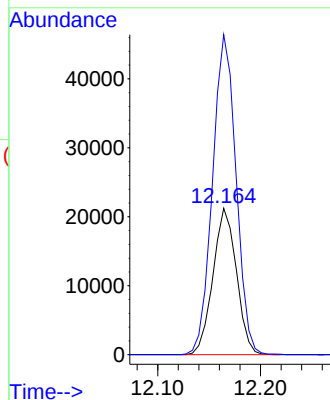
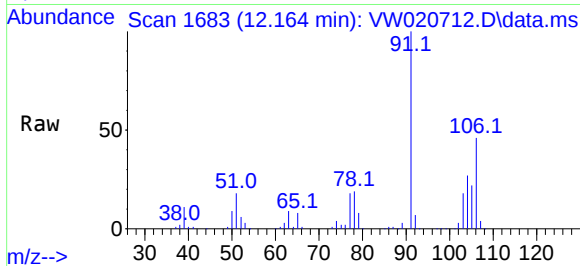
#69
o-Xylene
Concen: 17.325 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:106 Resp: 33609
Ion Ratio Lower Upper
106 100
91 219.3 109.3 327.9

Instrument :
MSVOA_W
ClientSampleId :
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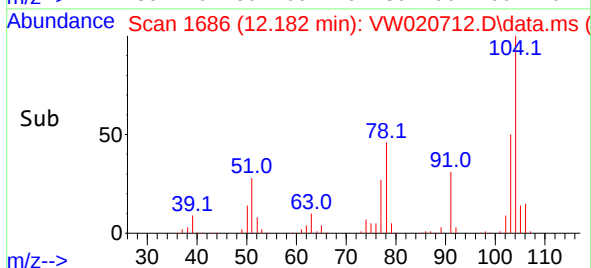
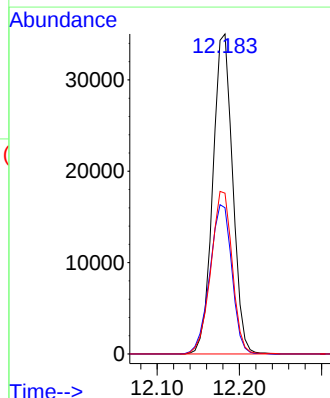
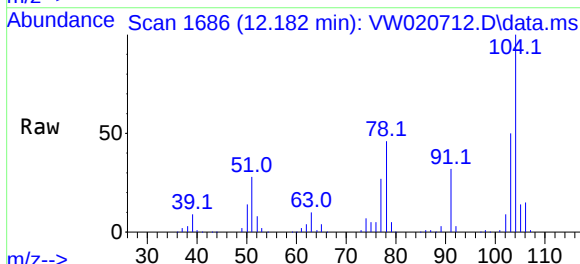
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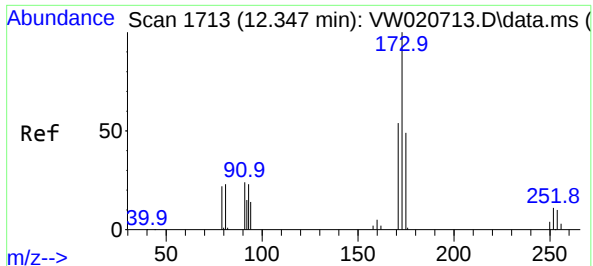
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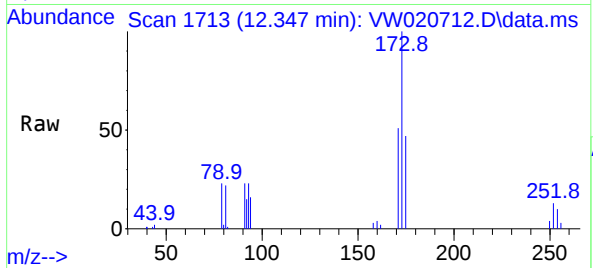
#70
Styrene
Concen: 17.649 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:104 Resp: 58690
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 54.7 43.4 65.2

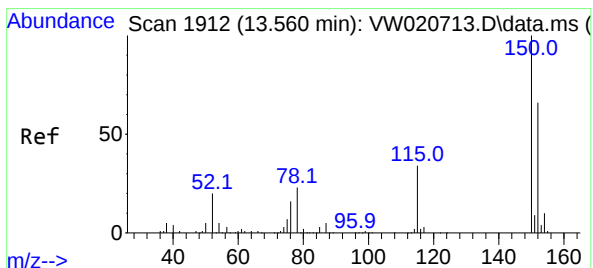
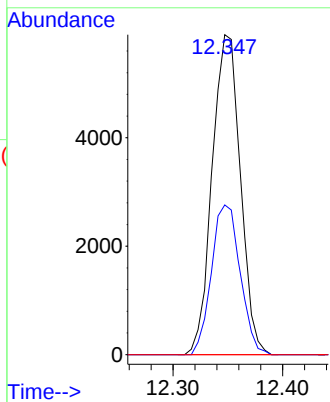
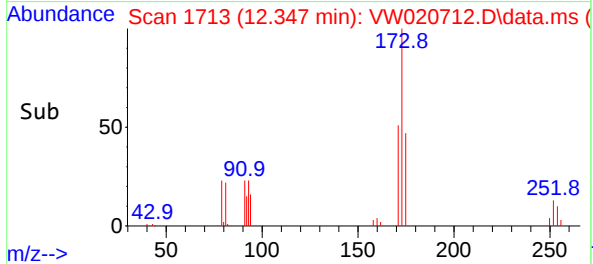




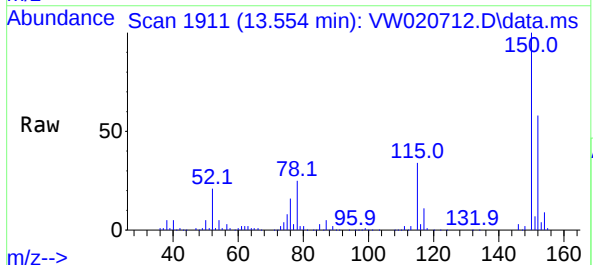
#71
Bromoform
Concen: 17.638 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



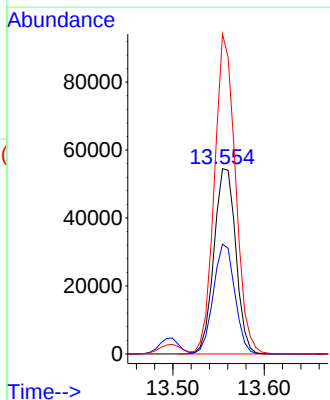
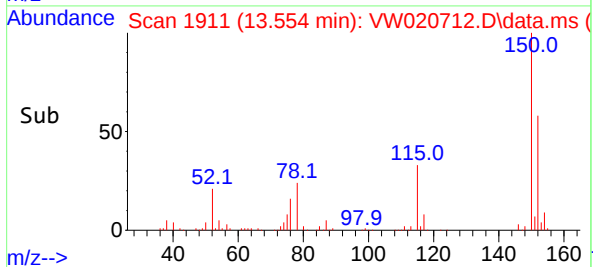
Tgt Ion:173 Resp: 10553
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



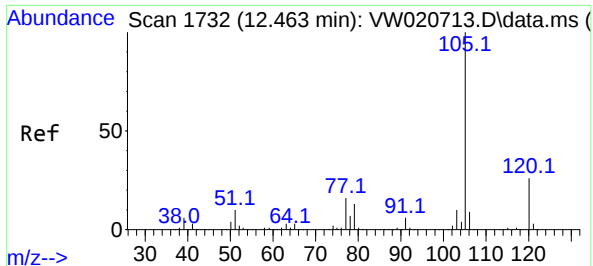
Tgt Ion:152 Resp: 90712
Ion Ratio Lower Upper
152 100
115 58.1 28.7 86.3
150 166.4 0.0 342.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
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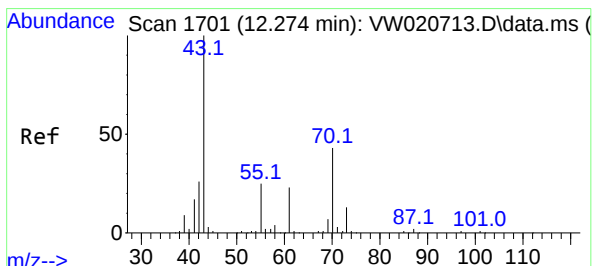
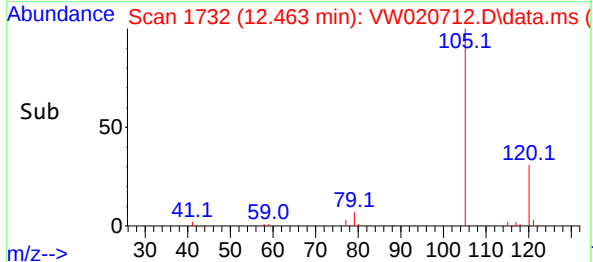
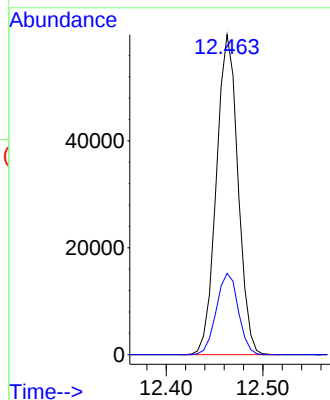
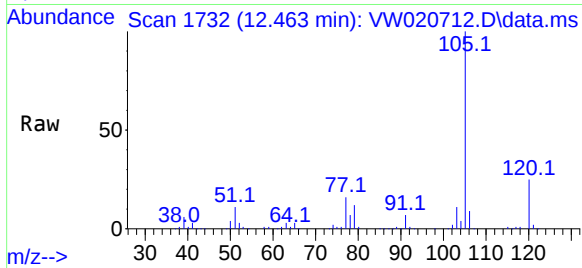
#73
Isopropylbenzene
Concen: 16.950 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 105 Resp: 92819
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

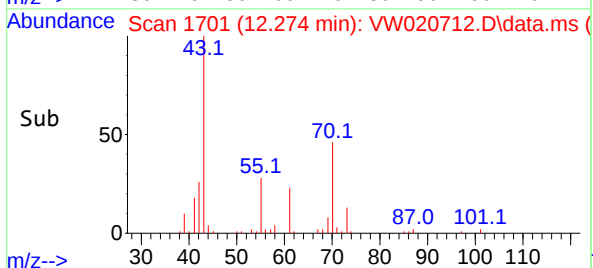
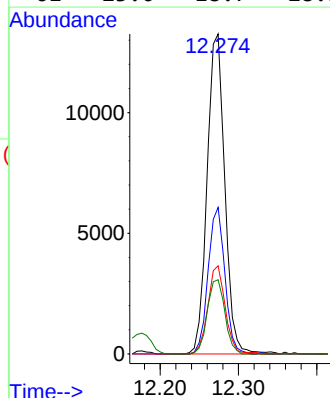
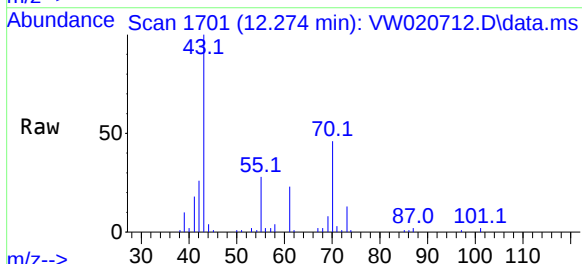
Manual Integrations
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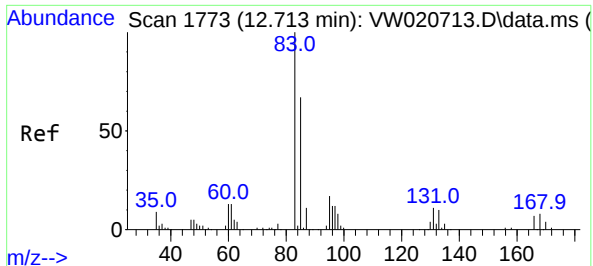
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#74
N-ethyl acetate
Concen: 16.556 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 43 Resp: 20768
Ion Ratio Lower Upper
43 100
70 43.3 34.3 51.5
55 27.2 20.0 30.0
61 23.0 18.7 28.1





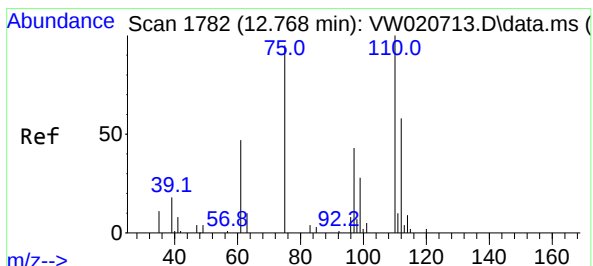
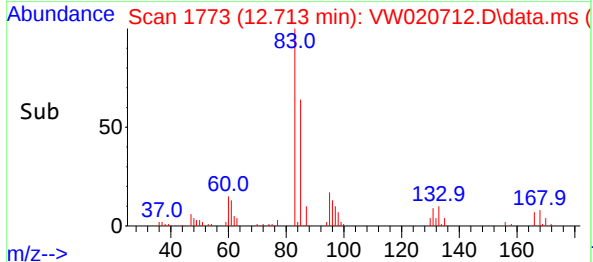
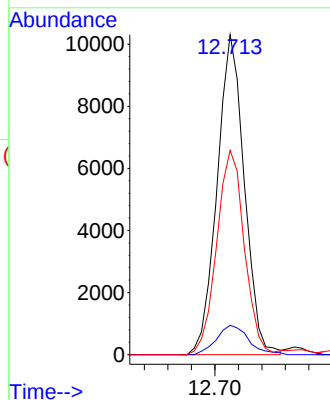
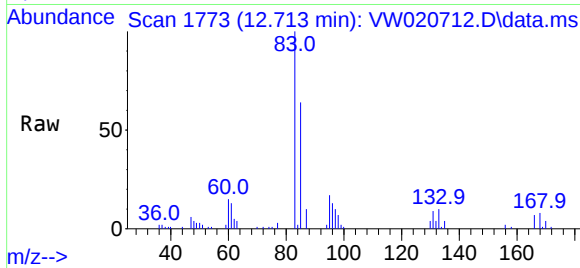
#75
1,1,2,2-Tetrachloroethane
Concen: 17.150 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 83 Resp: 16566
Ion Ratio Lower Upper
83 100
131 10.8 5.7 17.1
85 64.8 32.5 97.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

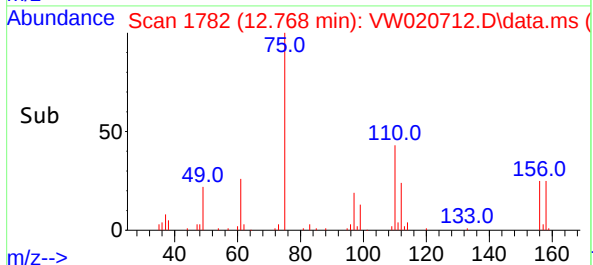
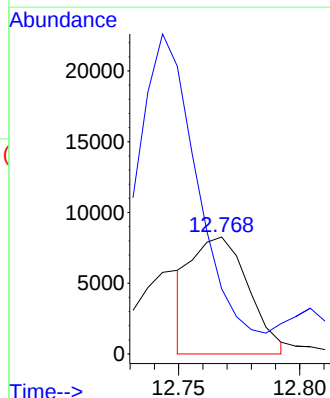
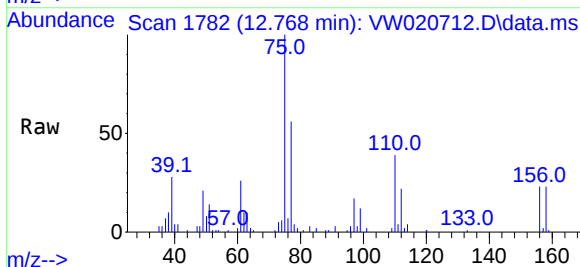
Manual Integrations
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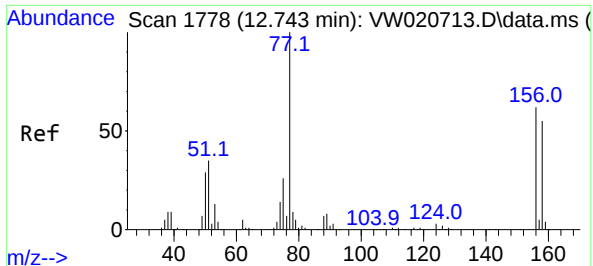
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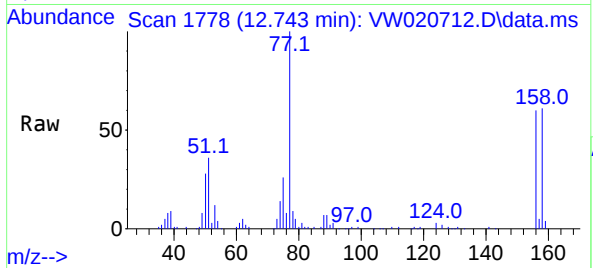
#76
1,2,3-Trichloropropane
Concen: 27.593 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 75 Resp: 13425
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

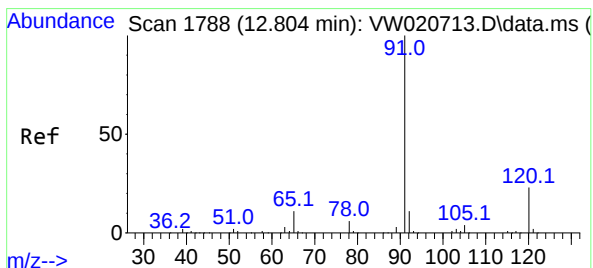
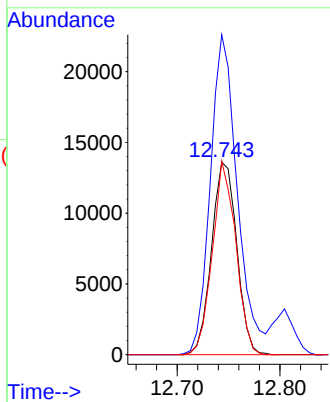
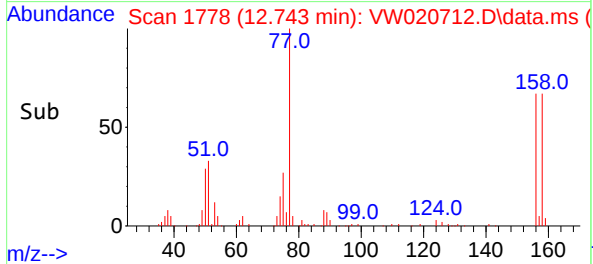




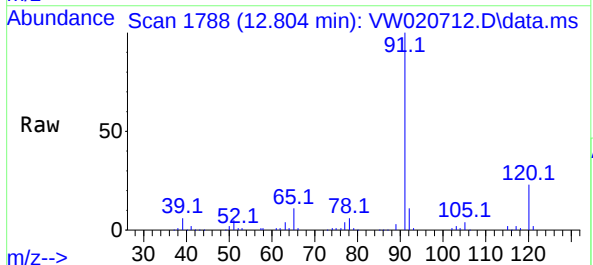
#77
Bromobenzene
Concen: 17.474 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



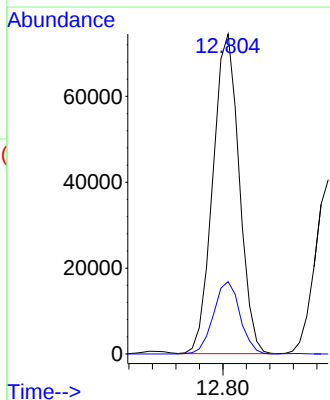
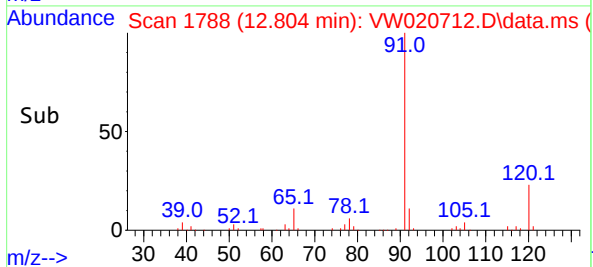
Tgt Ion:156 Resp: 23162
Ion Ratio Lower Upper
156 100
77 177.6 91.0 273.0
158 93.3 46.7 140.1



#78
n-propylbenzene
Concen: 17.137 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



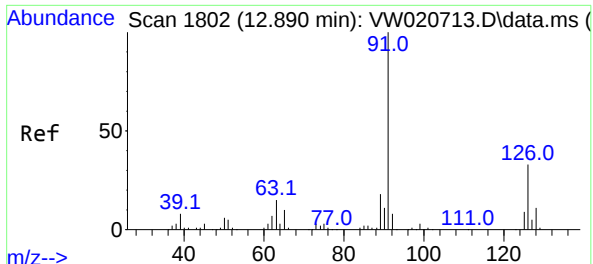
Tgt Ion: 91 Resp: 115677
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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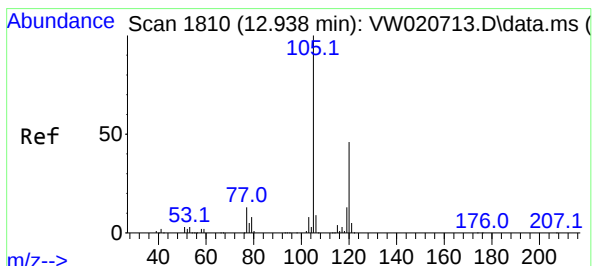
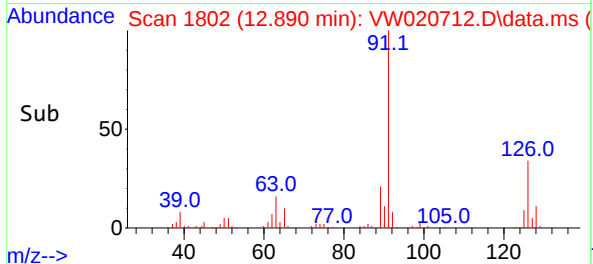
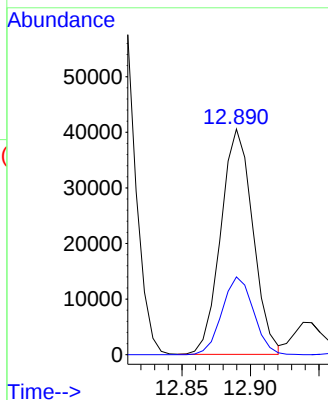
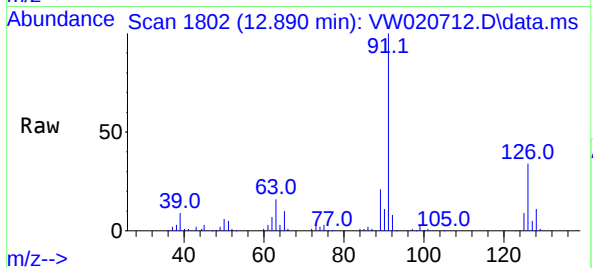
#79
2-Chlorotoluene
Concen: 17.031 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 66211
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1

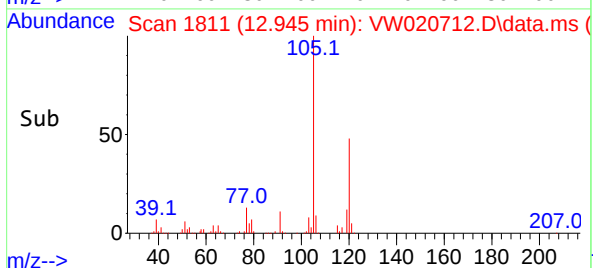
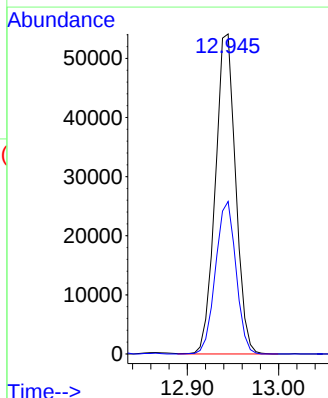
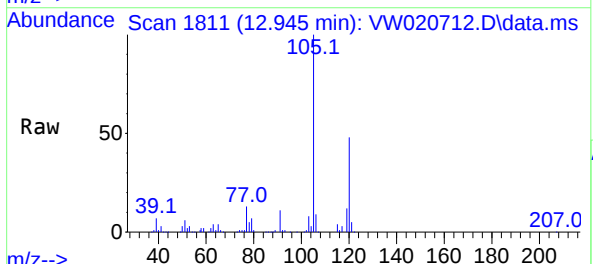
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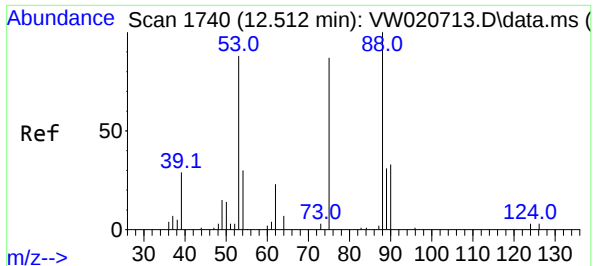
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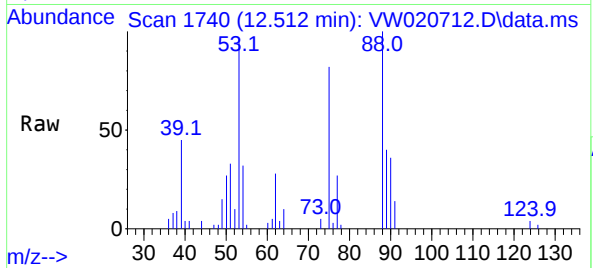
#80
1,3,5-Trimethylbenzene
Concen: 17.539 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion: 105 Resp: 83581
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0

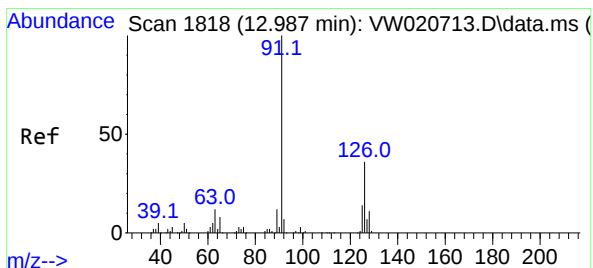
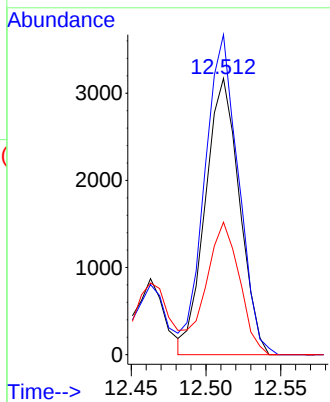
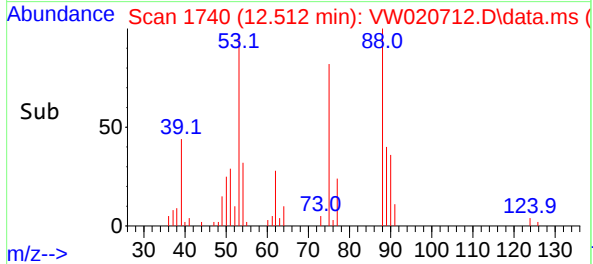




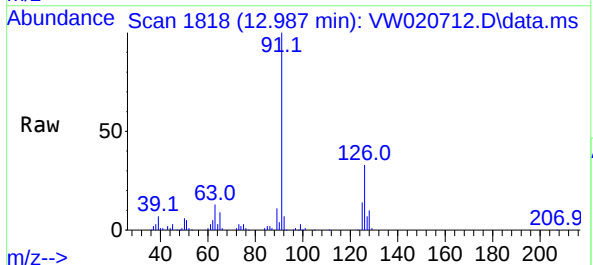
#81
trans-1,4-Dichloro-2-butene
Concen: 16.158 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



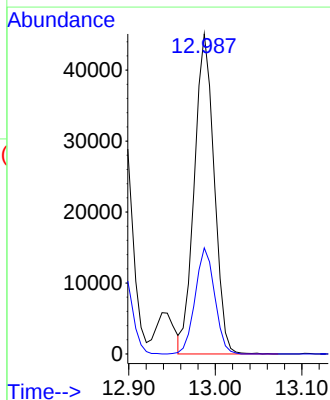
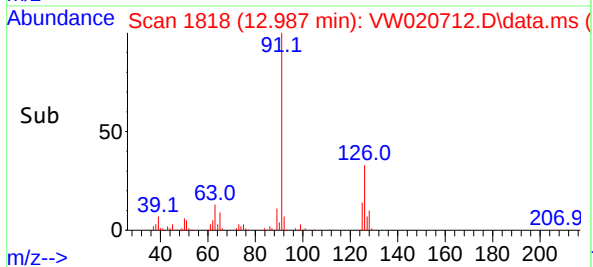
Tgt Ion: 75 Resp: 5031
Ion Ratio Lower Upper
75 100
53 114.1 83.1 124.7
89 47.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 17.332 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



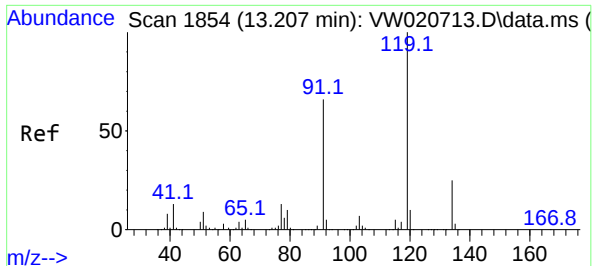
Tgt Ion: 91 Resp: 71519
Ion Ratio Lower Upper
91 100
126 32.7 17.0 51.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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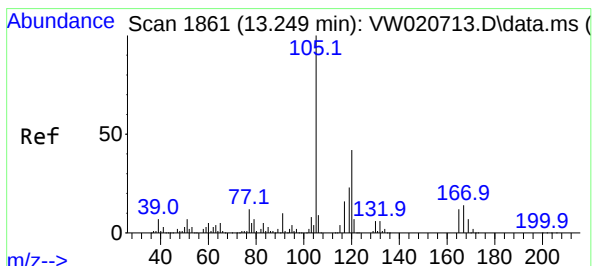
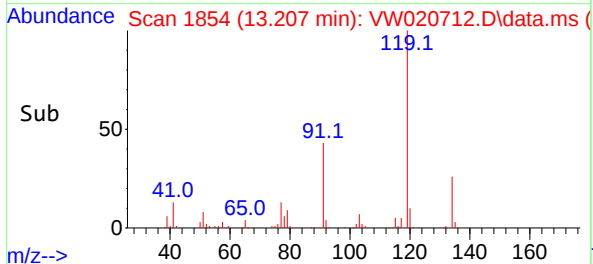
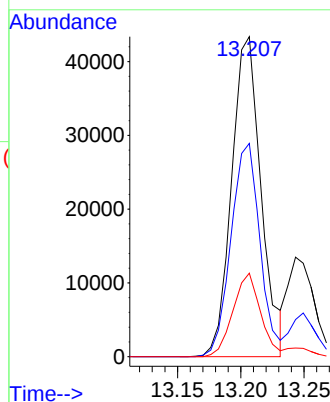
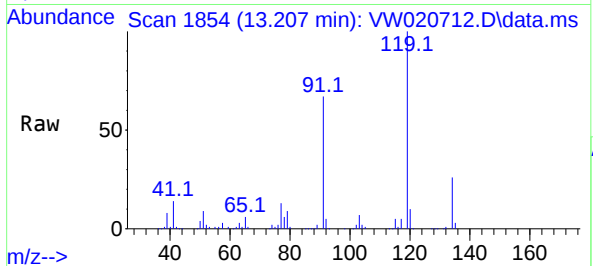
#83
tert-Butylbenzene
Concen: 17.351 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 70295
Ion Ratio Lower Upper
119 100
91 65.7 33.6 100.6
134 25.0 12.4 37.4

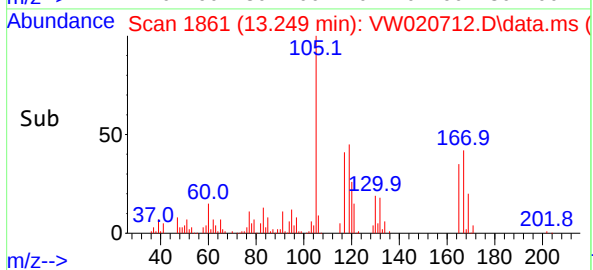
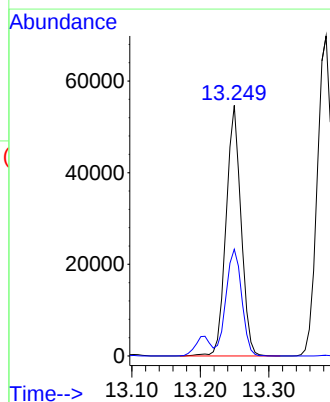
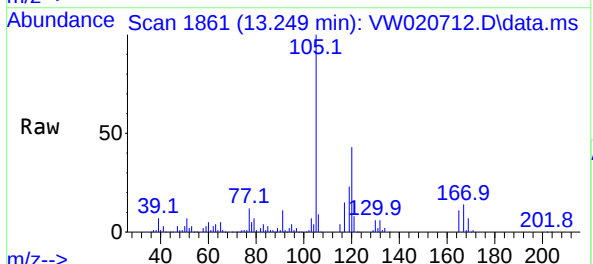
Manual Integrations
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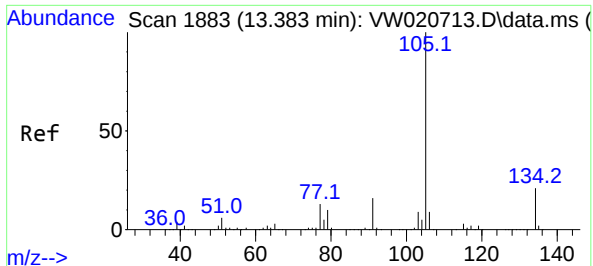
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#84
1,2,4-Trimethylbenzene
Concen: 17.380 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:105 Resp: 82482
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





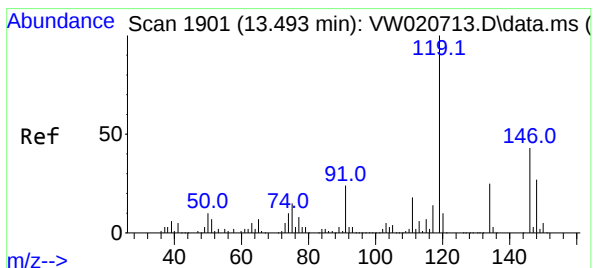
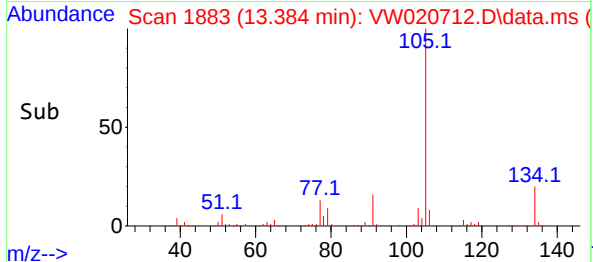
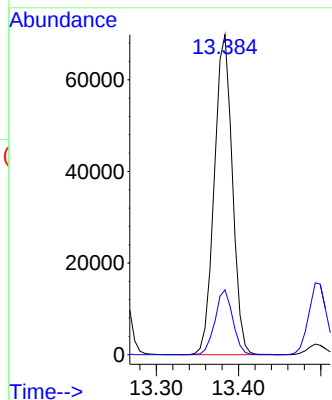
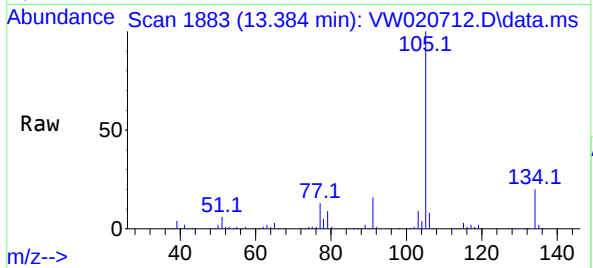
#85
sec-Butylbenzene
Concen: 17.428 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:105 Resp: 106217
Ion Ratio Lower Upper
105 100
134 19.9 10.3 30.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

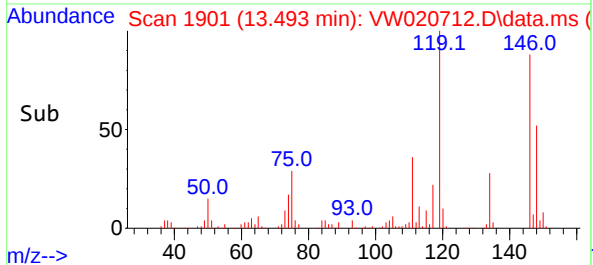
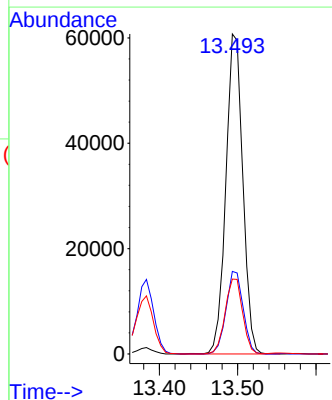
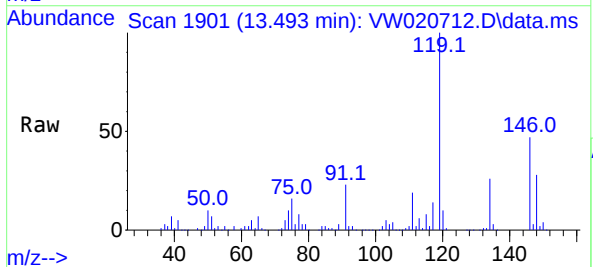
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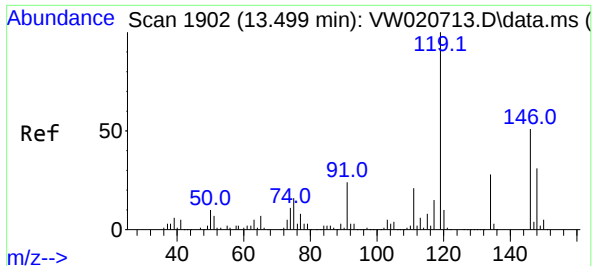
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#86
p-Isopropyltoluene
Concen: 17.657 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:119 Resp: 91370
Ion Ratio Lower Upper
119 100
134 26.0 13.1 39.1
91 24.3 12.0 36.0





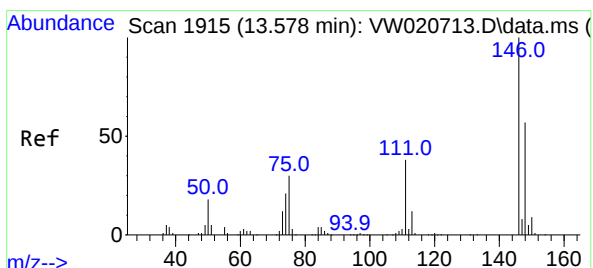
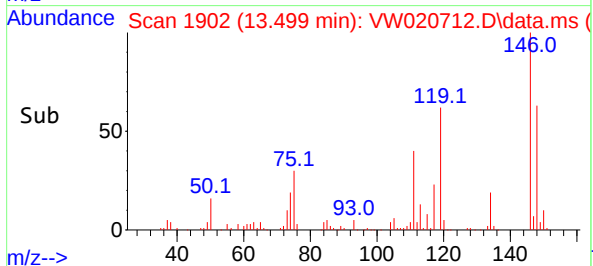
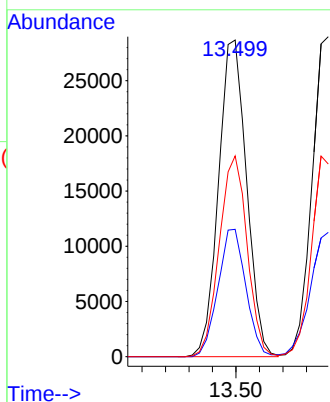
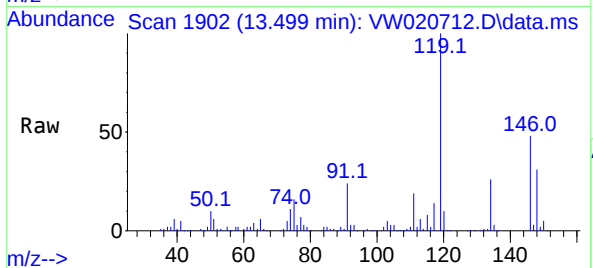
#87
1,3-Dichlorobenzene
Concen: 17.515 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:146 Resp: 47582
Ion Ratio Lower Upper
146 100
111 40.1 19.8 59.4
148 62.9 31.1 93.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

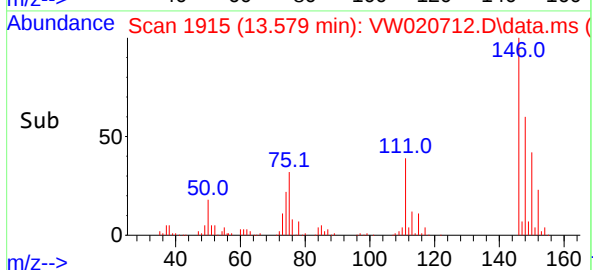
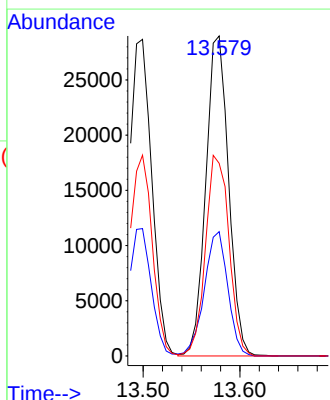
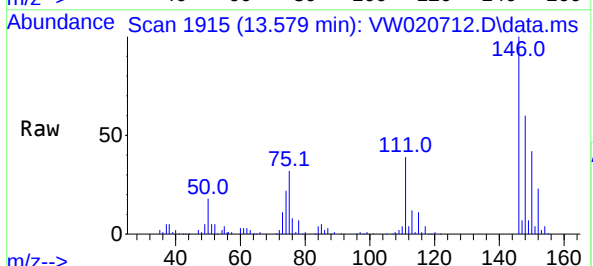
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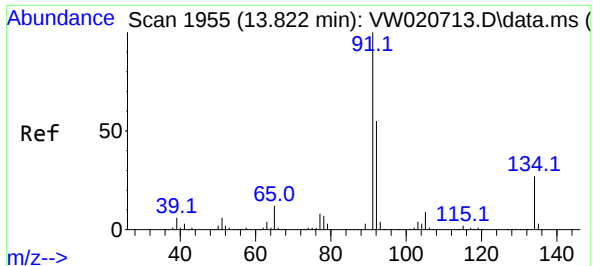
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#88
1,4-Dichlorobenzene
Concen: 17.528 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Tgt Ion:146 Resp: 47505
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 64.6 30.8 92.3





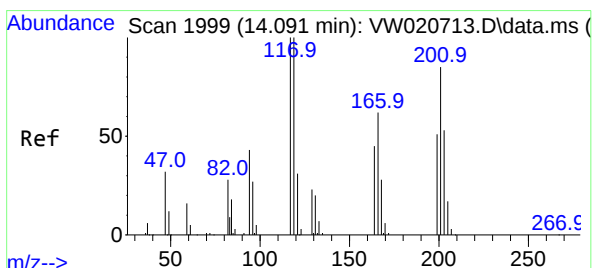
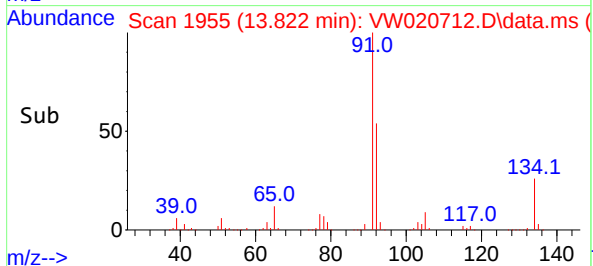
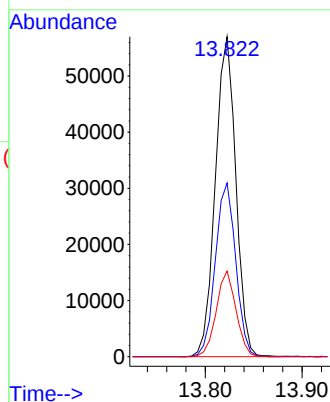
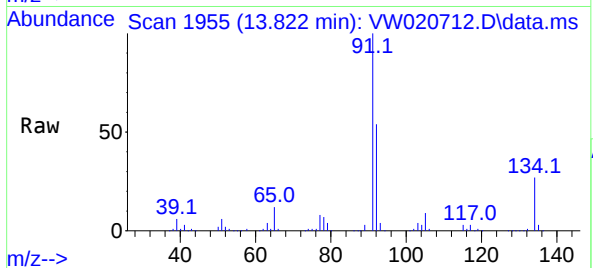
#89
n-Butylbenzene
Concen: 17.254 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:	91	Resp:	83922
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.8	80.3
134	25.8	13.1	39.3

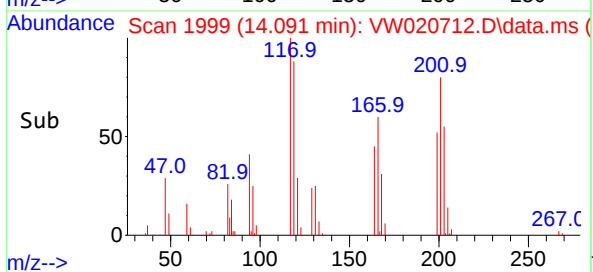
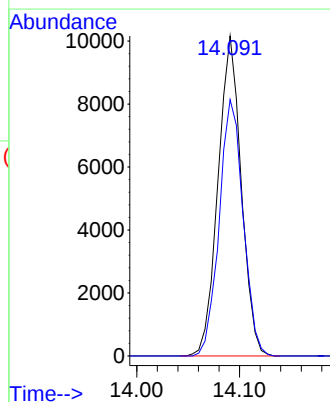
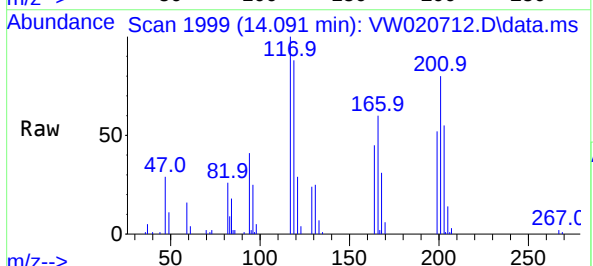
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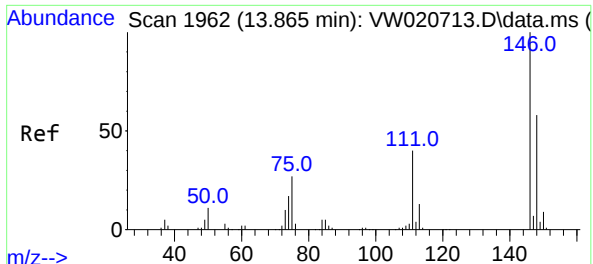
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#90
Hexachloroethane
Concen: 16.861 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

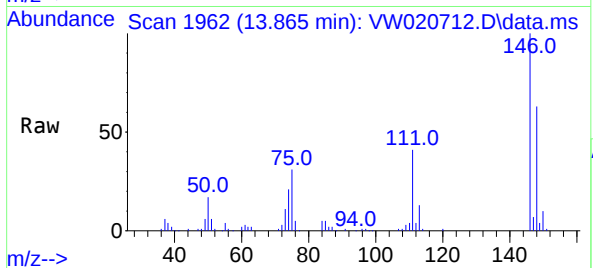
Tgt Ion:	117	Resp:	15882
Ion	Ratio	Lower	Upper
117	100		
201	82.6	42.4	127.1





#91
1,2-Dichlorobenzene
Concen: 17.660 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

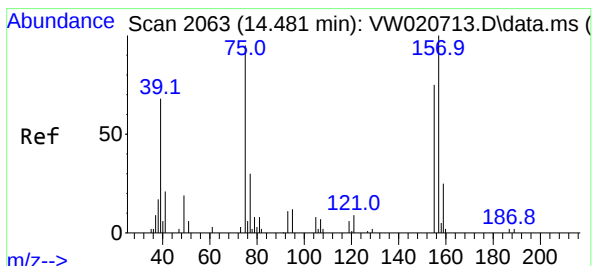
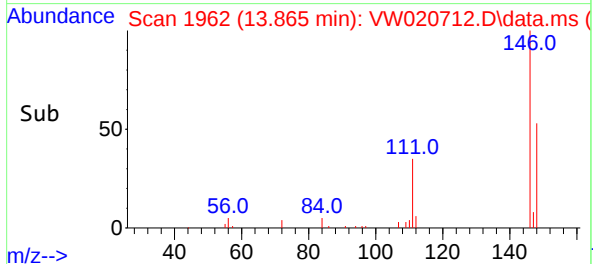
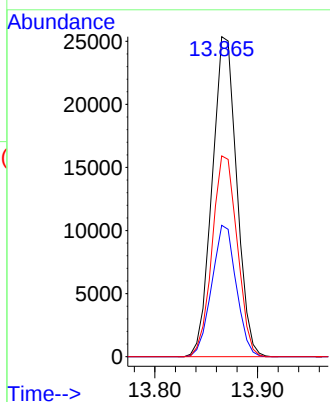
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020



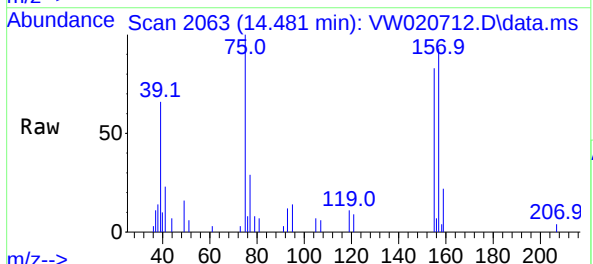
Tgt Ion:146 Resp: 42007
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 64.2 30.7 92.1

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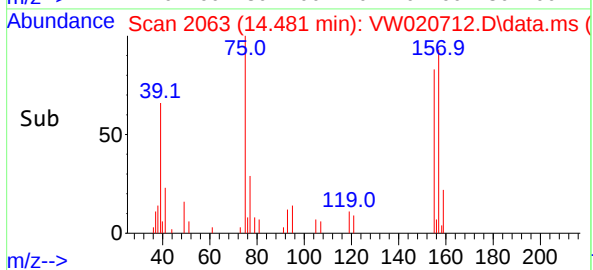
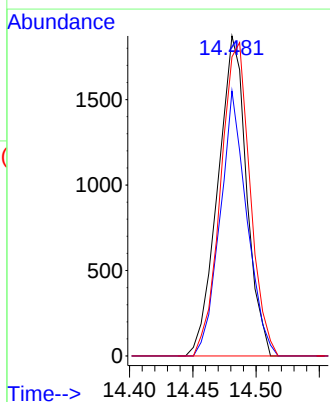
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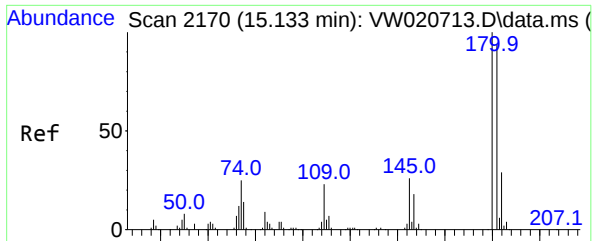


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.168 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



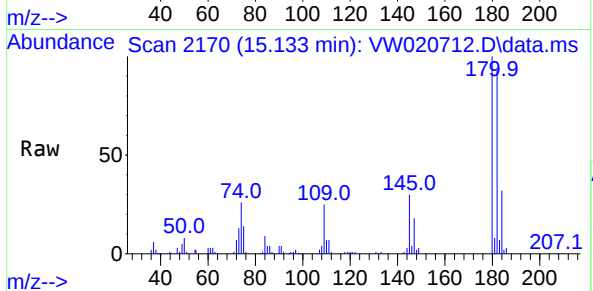
Tgt Ion: 75 Resp: 2957
Ion Ratio Lower Upper
75 100
155 77.1 42.4 127.1
157 100.2 55.9 167.7





#93
1,2,4-Trichlorobenzene
Concen: 17.401 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

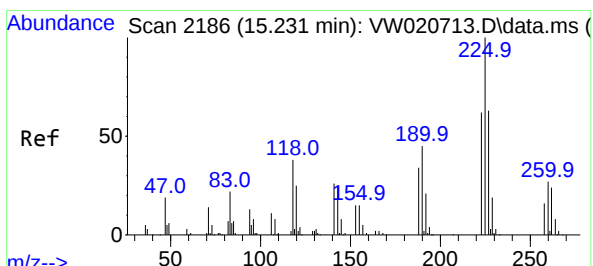
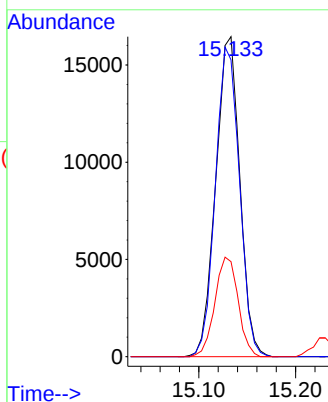
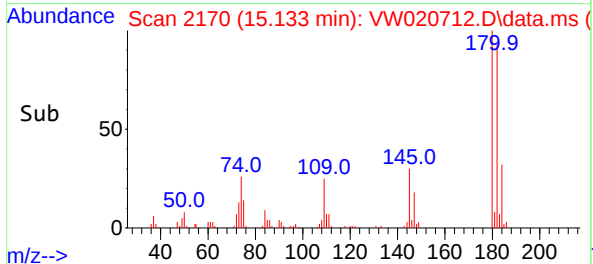
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



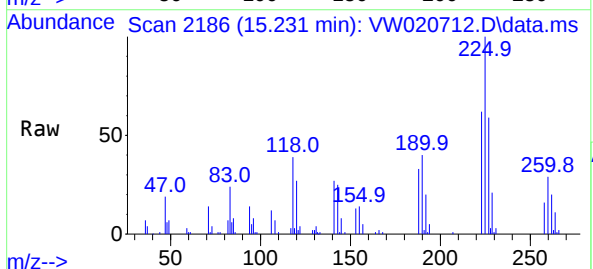
Tgt Ion:180 Resp: 28392
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.8
145 30.0 14.8 44.4

Manual Integrations
APPROVED

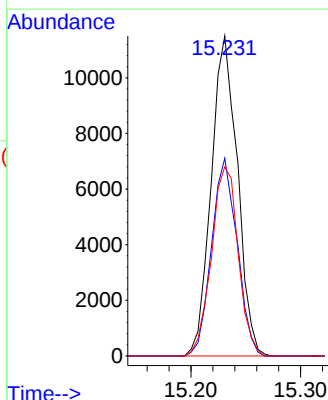
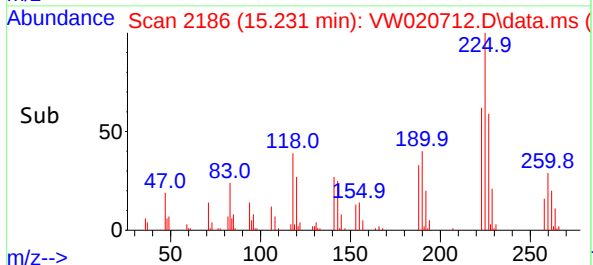
MMDadoda
10/29/2021 4:39:03 PM

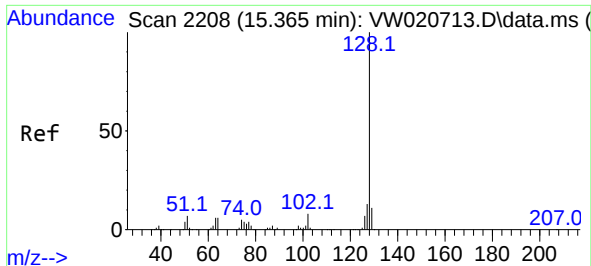


#94
Hexachlorobutadiene
Concen: 18.108 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



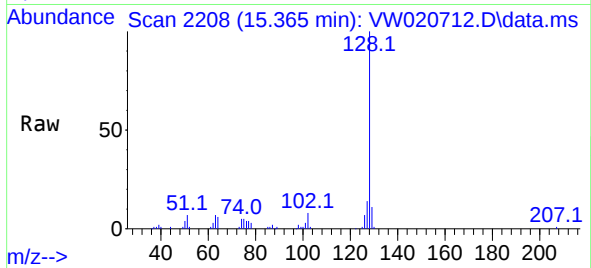
Tgt Ion:225 Resp: 19091
Ion Ratio Lower Upper
225 100
223 60.4 31.6 95.0
227 60.3 31.9 95.7





#95
Naphthalene
Concen: 16.326 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25

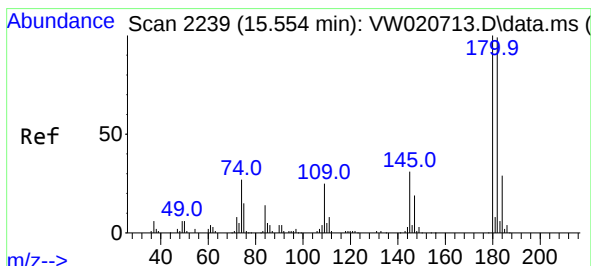
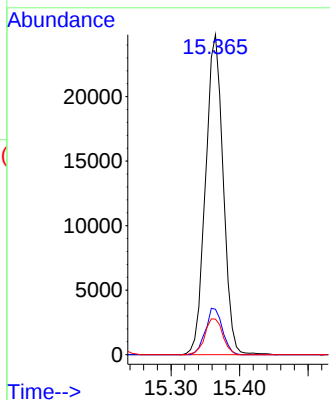
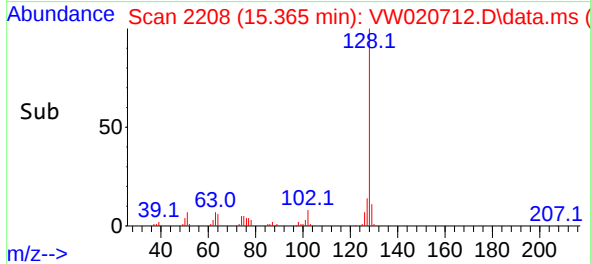
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



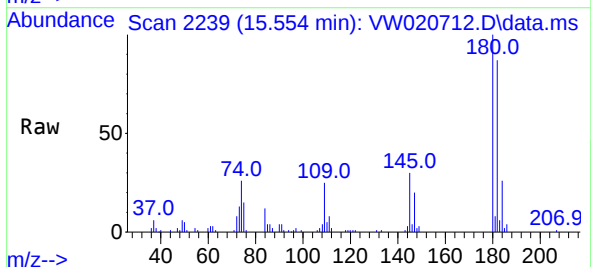
Tgt Ion:128 Resp: 44292
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 11.4 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
10/29/2021 4:39:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.999 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020712.D
Acq: 28 Oct 2021 10:25



Tgt Ion:180 Resp: 26373
Ion Ratio Lower Upper
180 100
182 91.1 48.5 145.5
145 29.3 15.7 47.1

