

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021250.D
 Acq On : 09 Dec 2021 18:59
 Operator : SY/VA
 Sample : M4885-18MSRE
 Misc : 5.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:32:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	106996	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44663	22.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.680%
7) Chloroethane-d5	2.885	69	31618	24.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.160%
11) 1,1-Dichloroethene-d2	4.025	63	56121	21.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	7.080	46	12727	46.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.660%
24) Chloroform-d	7.653	84	62068	20.816	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.280%
26) 1,2-Dichloroethane-d4	8.305	65	33459	21.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	8.275	84	117597	20.304	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	9.274	67	32248	20.761	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.040%
41) Toluene-d8	10.323	98	118094	19.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.840%
43) trans-1,3-Dichloroprop...	10.579	79	15211	21.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.080%
47) 2-Hexanone-d5	10.921	63	10816	47.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30604	22.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	46652	19.586	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12401	29.997	ug/L	98
3) Chloromethane	2.215	50	29712	21.709	ug/L	99
5) Vinyl chloride	2.361	62	48595	22.617	ug/L	99
6) Bromomethane	2.776	94	32355	23.216	ug/L	100
8) Chloroethane	2.922	64	25213	25.472	ug/L	99
9) Trichlorofluoromethane	3.263	101	24092	21.251	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31424	21.269	ug/L	91
12) 1,1-Dichloroethene	4.044	96	28818	21.729	ug/L	85
13) Acetone	4.129	43	11214	45.539	ug/L	91
14) Carbon disulfide	4.385	76	76057	22.206	ug/L	98
15) Methyl Acetate	4.672	43	10681	25.139	ug/L	# 88
16) Methylene chloride	4.915	84	32159	18.190	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	30965	21.563	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	47958	24.181	ug/L	94
19) 1,1-Dichloroethane	6.220	63	49819	22.108	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	33646	22.214	ug/L	77
22) 2-Butanone	7.171	43	15207	47.288	ug/L	85
23) Bromochloromethane	7.519	128	15702	22.171	ug/L	# 64
25) Chloroform	7.677	83	58315	22.293	ug/L	98

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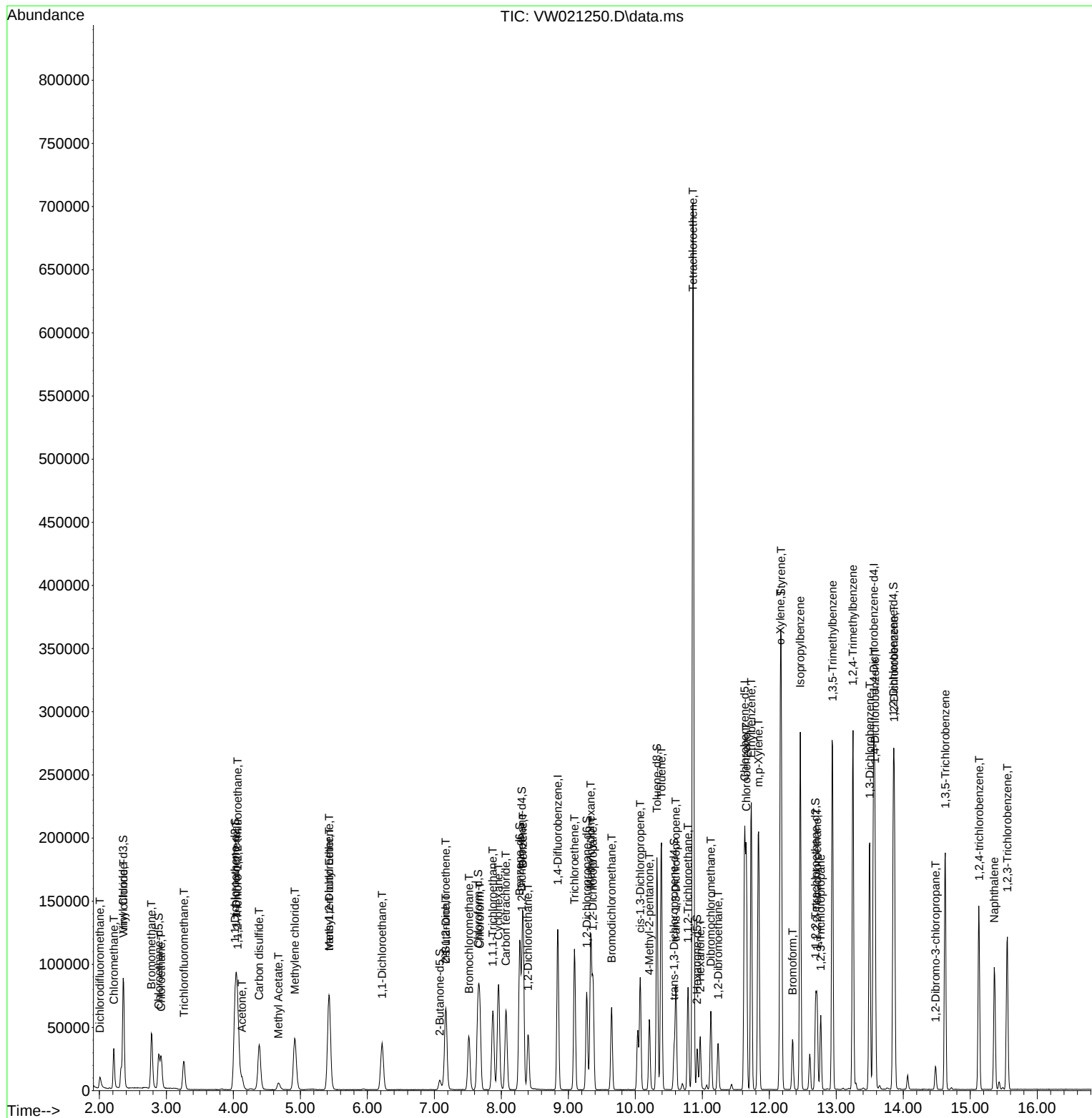
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	38898	23.482	ug/L	96
29) Cyclohexane	7.958	56	43010	20.450	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	50322	21.226	ug/L	95
31) Carbon tetrachloride	8.067	117	46460	21.243	ug/L	97
33) Benzene	8.323	78	121268	21.068	ug/L	100
34) Trichloroethene	9.092	95	35313	21.855	ug/L	94
35) Methylcyclohexane	9.335	83	51429	19.295	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	27883	21.717	ug/L #	95
38) Bromodichloromethane	9.646	83	40439	22.907	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	46839	23.143	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	34068	48.698	ug/L #	92
42) Toluene	10.390	91	144212	21.422	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	41766	23.560	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	24864	23.660	ug/L	94
46) Tetrachloroethene	10.860	164	152601	99.417	ug/L	96
48) 2-Hexanone	10.969	43	25310	49.889	ug/L #	95
49) Dibromochloromethane	11.128	129	30793	23.769	ug/L	88
50) 1,2-Dibromoethane	11.238	107	24133	23.076	ug/L #	94
51) Chlorobenzene	11.658	112	97430	21.617	ug/L	89
52) Ethylbenzene	11.731	91	160227	20.828	ug/L	96
53) m,p-Xylene	11.841	106	67881	21.873	ug/L	85
54) o-Xylene	12.164	106	65484	22.234	ug/L	96
55) Styrene	12.176	104	111226	22.189	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	29561	24.539	ug/L #	97
59) Bromoform	12.347	173	17669	24.162	ug/L #	98
60) Isopropylbenzene	12.463	105	172914	20.706	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	21445	23.975	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	150445	21.171	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	146724	20.930	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	81703	20.742	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	81896	20.926	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	73640	21.235	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4301	23.312	ug/L	84
69) 1,3,5-Trichlorobenzene	14.627	180	60749	20.634	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	45696	19.297	ug/L	96
71) Naphthalene	15.359	128	83711	21.759	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	41162	21.033	ug/L	97

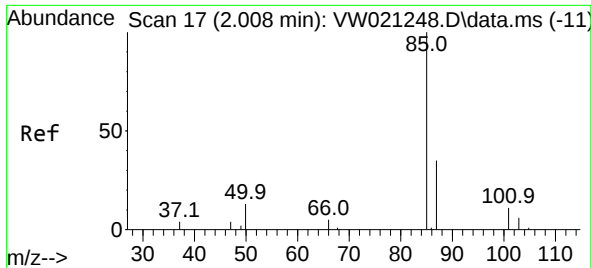
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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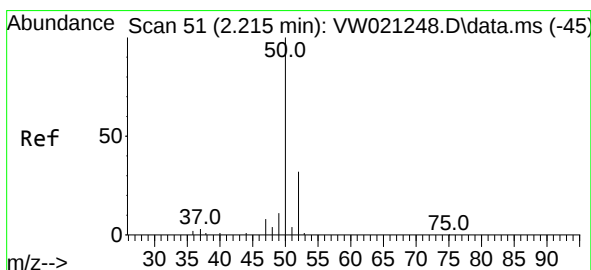
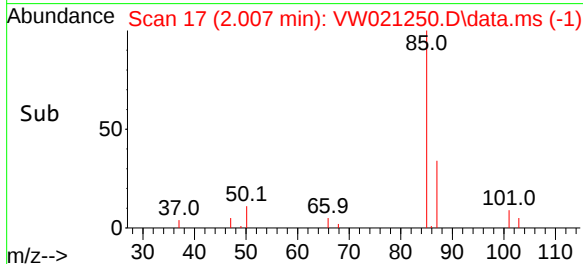
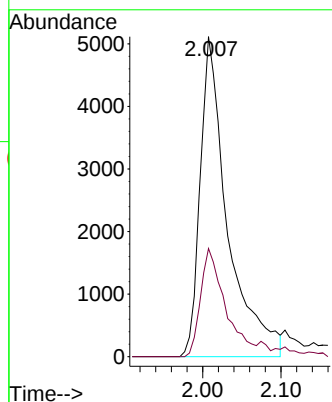
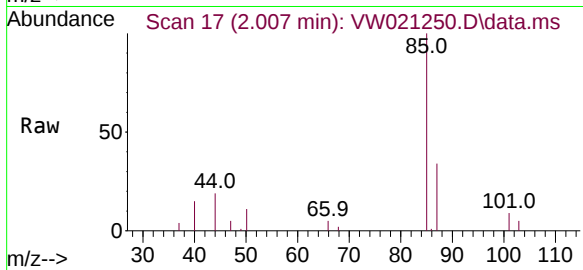




#2
 Dichlorodifluoromethane
 Concen: 29.997 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

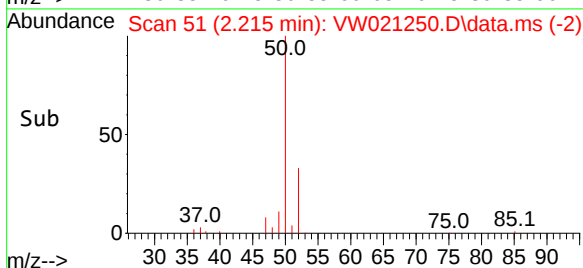
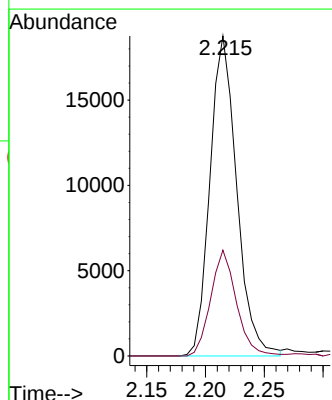
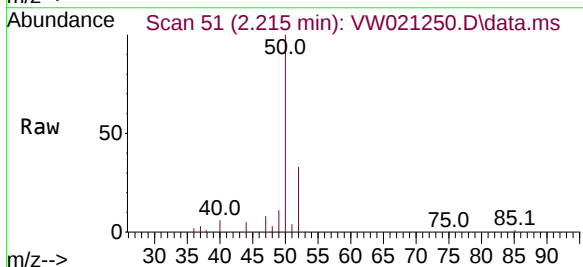
Instrument :
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 ClientSampleId :

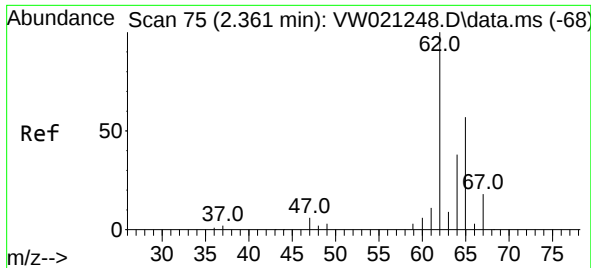
Tgt Ion: 85 Resp: 12401
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.8 38.6



#3
 Chloromethane
 Concen: 21.709 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

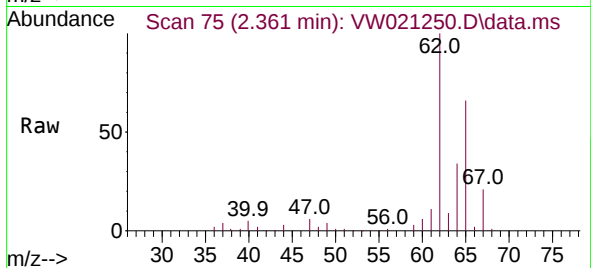
Tgt Ion: 50 Resp: 29712
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6



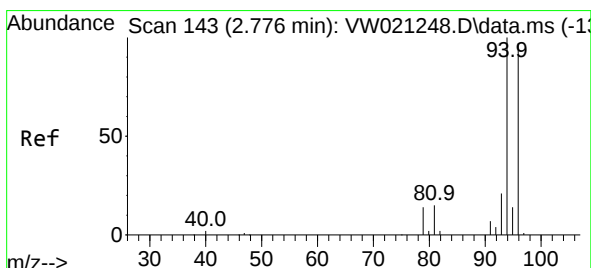
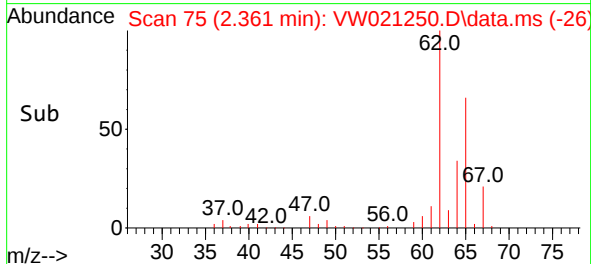
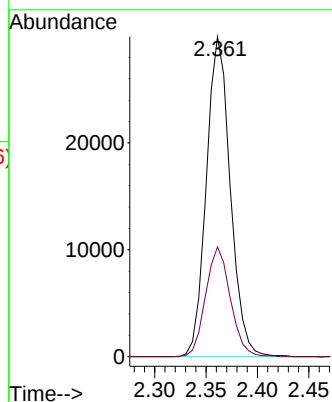


#5
 Vinyl chloride
 Concen: 22.617 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

Instrument :
 MSVOA_W
 ClientSampleId :

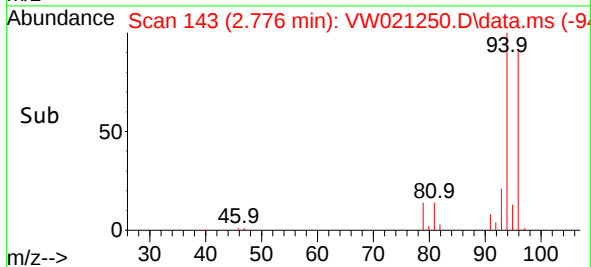
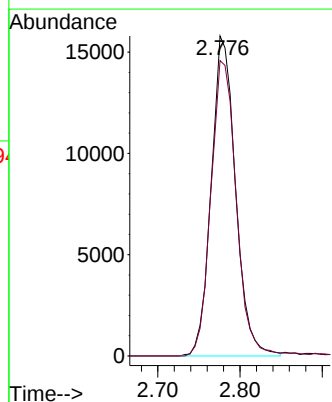
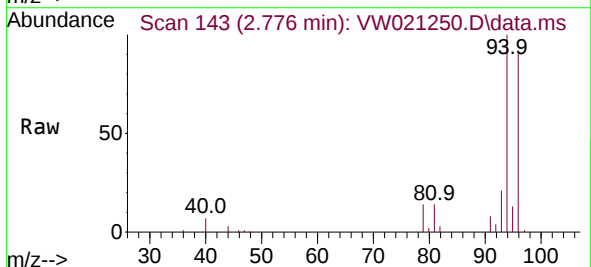


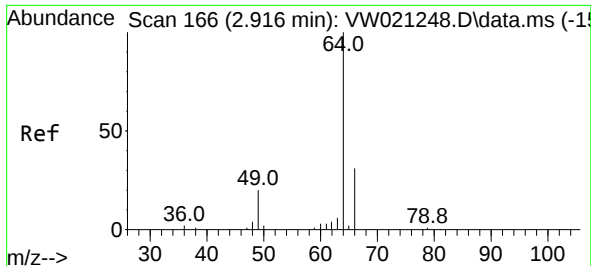
Tgt Ion: 62 Resp: 48595
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.4 45.2



#6
 Bromomethane
 Concen: 23.216 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

Tgt Ion: 94 Resp: 32355
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.8 120.4

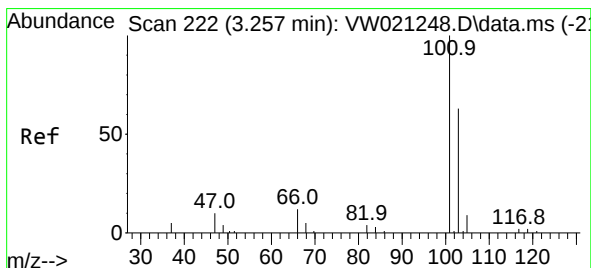
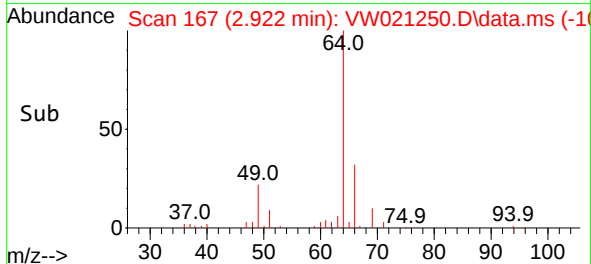
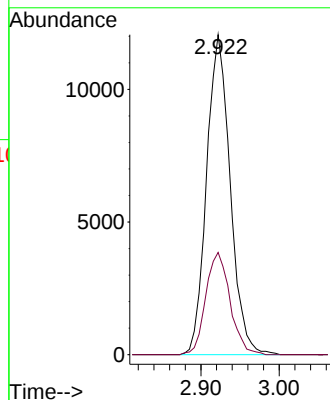
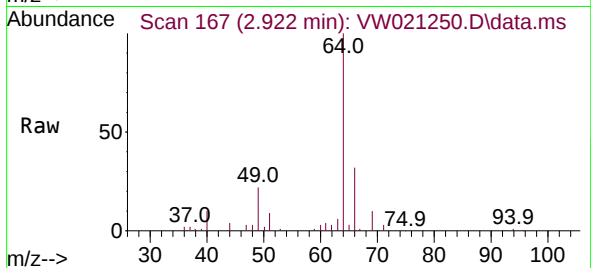




#8
Chloroethane
Concen: 25.472 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

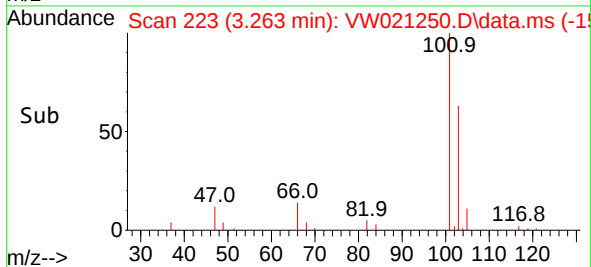
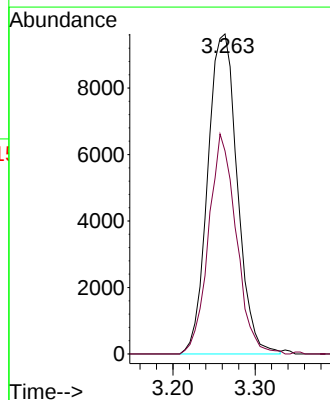
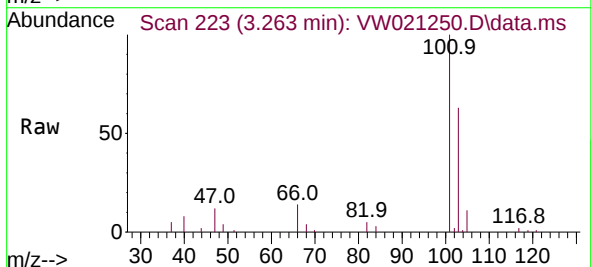
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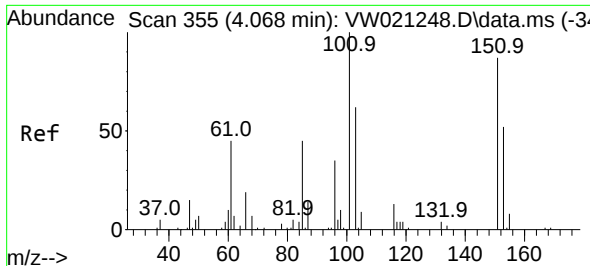
Tgt Ion: 64 Resp: 25213
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.251 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 101 Resp: 24092
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

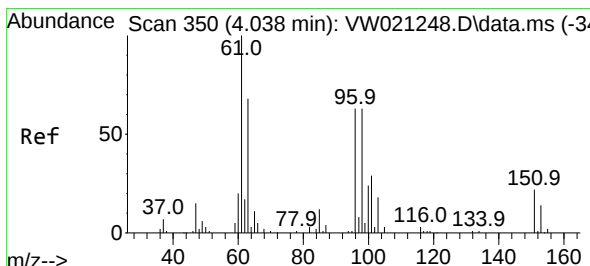
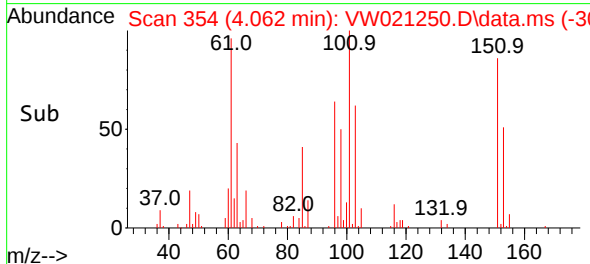
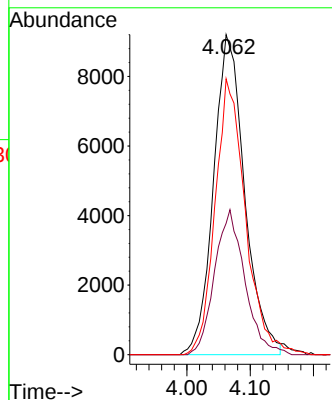
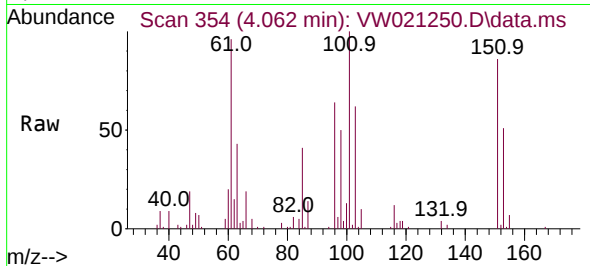




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.269 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

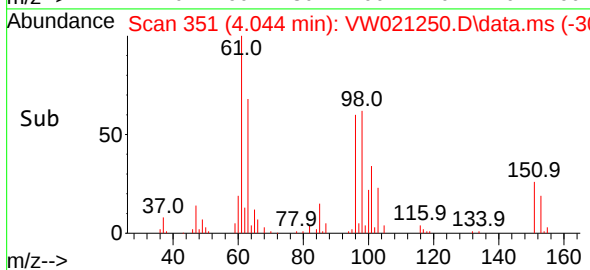
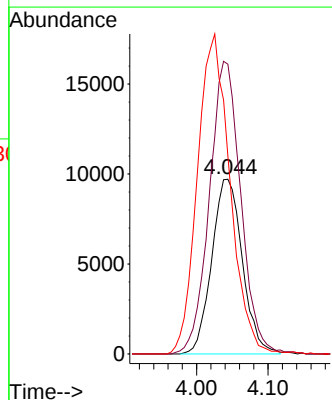
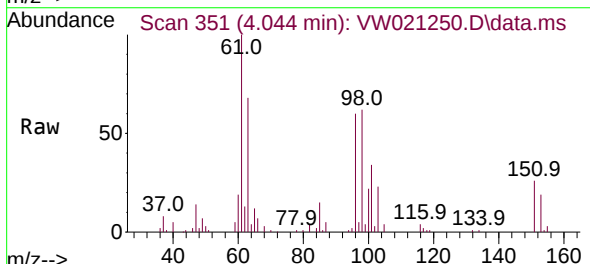
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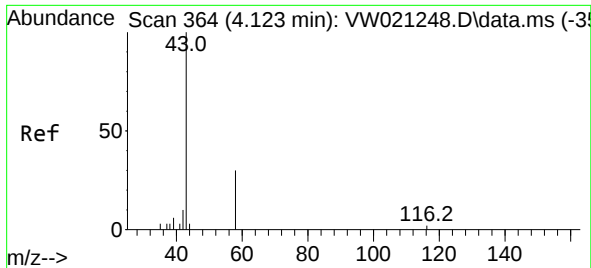
Tgt Ion:101 Resp: 31424
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.6 54.8
 151 82.2 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.729 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

Tgt Ion: 96 Resp: 28818
 Ion Ratio Lower Upper
 96 100
 61 165.9 138.3 256.9
 63 113.3 82.6 153.4





#13

Acetone

Concen: 45.539 ug/L

RT: 4.129 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Instrument :

MSVOA_W

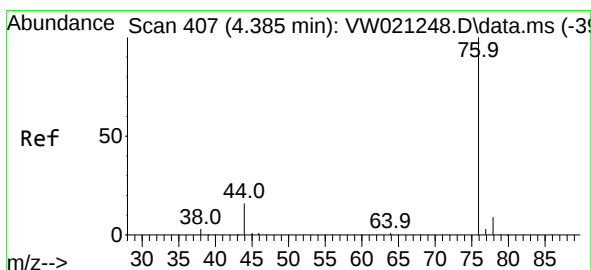
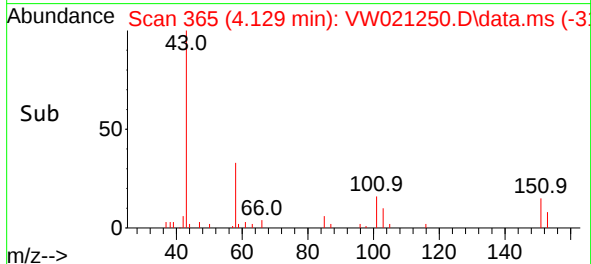
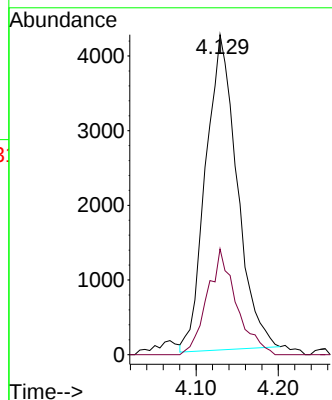
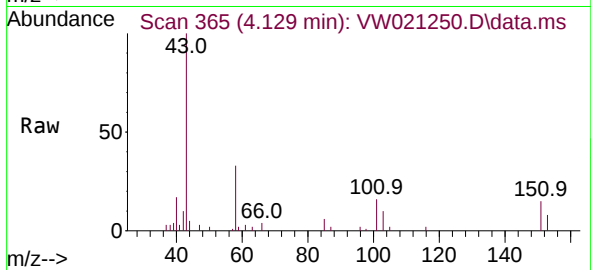
ClientSampleId :

Tgt Ion: 43 Resp: 11214

Ion Ratio Lower Upper

43 100

58 31.1 0.0 52.8



#14

Carbon disulfide

Concen: 22.206 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021250.D

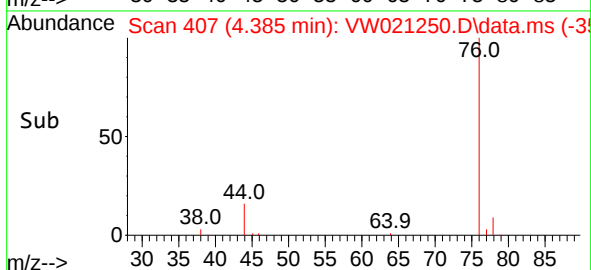
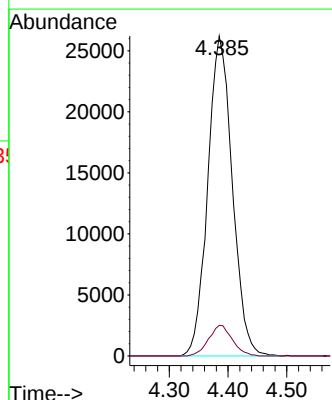
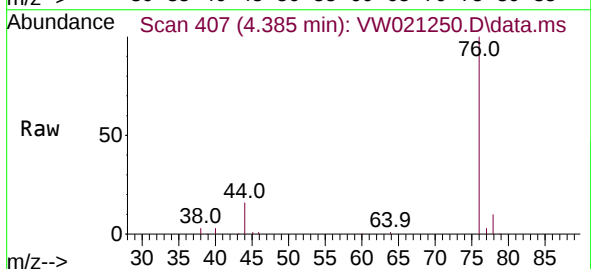
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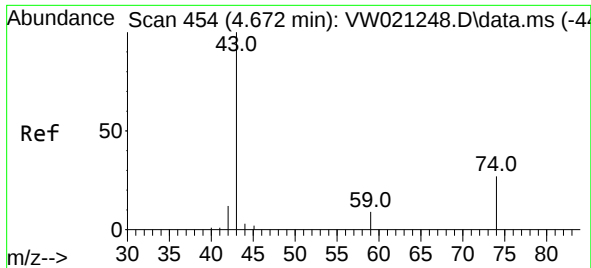
Tgt Ion: 76 Resp: 76057

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

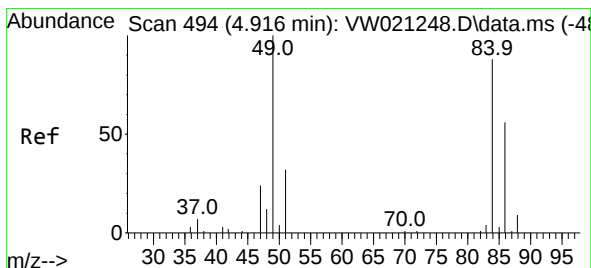
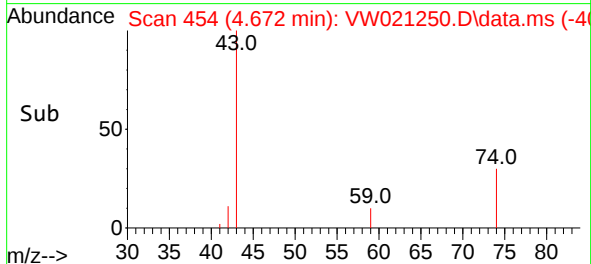
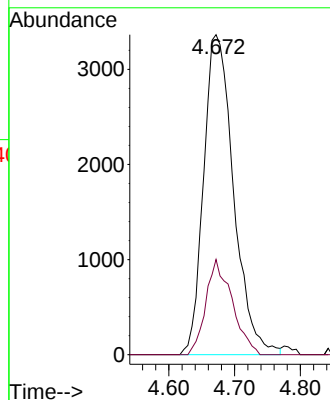
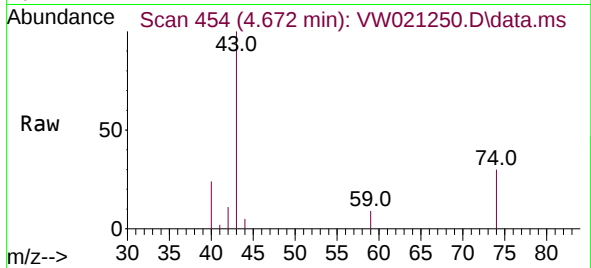




#15
Methyl Acetate
Concen: 25.139 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

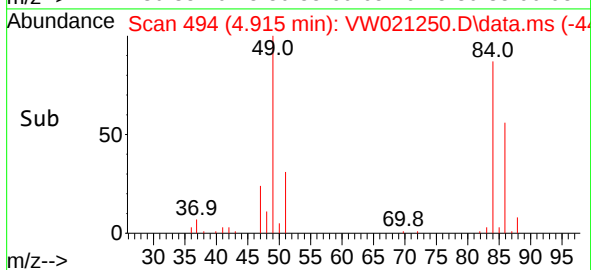
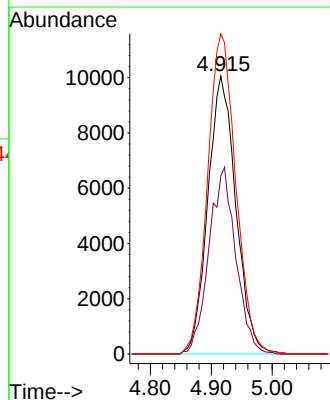
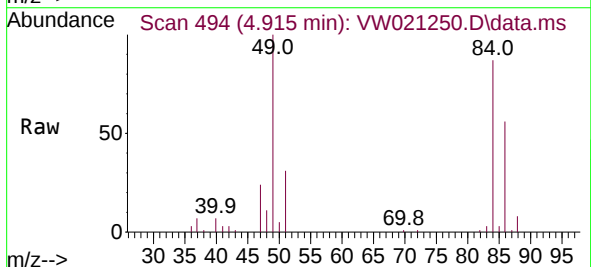
Instrument :
MSVOA_W
ClientSampleId :

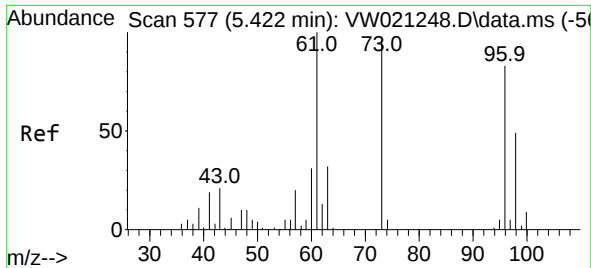
Tgt Ion: 43 Resp: 10681
Ion Ratio Lower Upper
43 100
74 26.0 16.4 24.6#



#16
Methylene chloride
Concen: 18.190 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 84 Resp: 32159
Ion Ratio Lower Upper
84 100
86 64.0 45.5 84.5
49 115.2 100.5 186.7

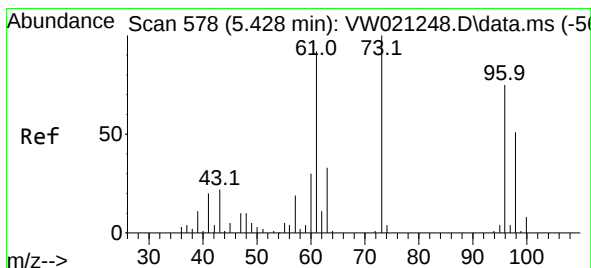
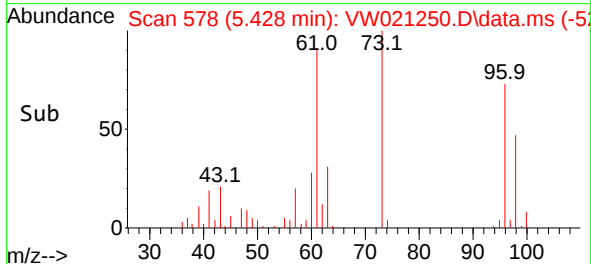
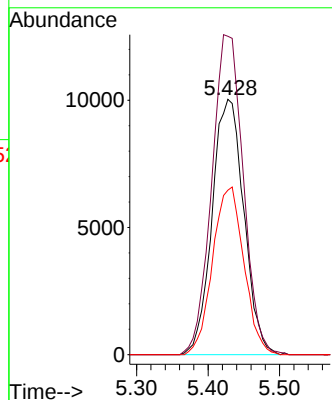
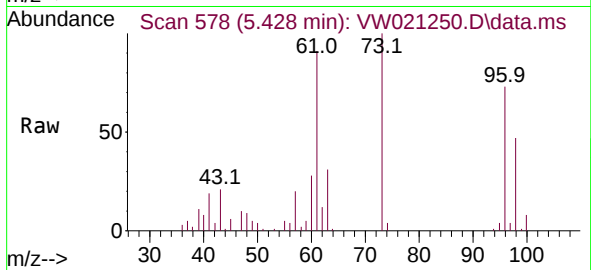




#17
trans-1,2-Dichloroethene
Concen: 21.563 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

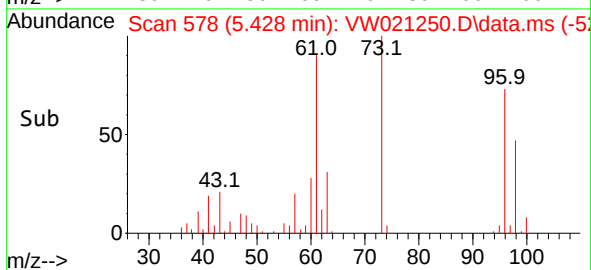
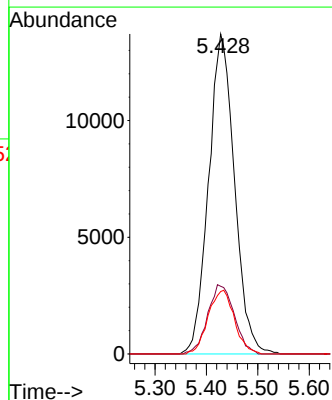
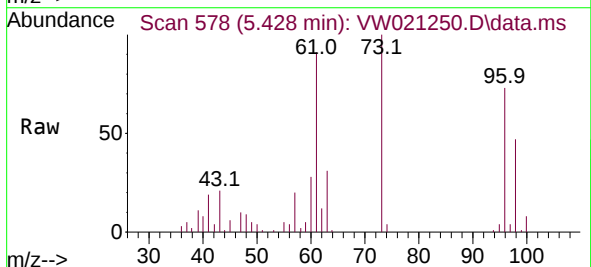
Instrument :
MSVOA_W
ClientSampleId :

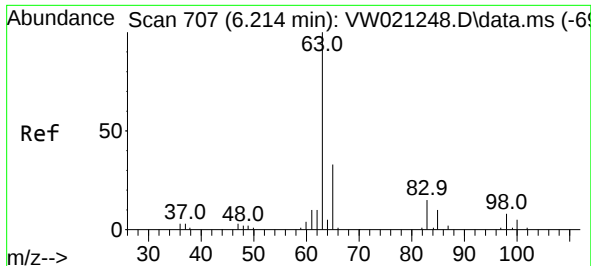
Tgt Ion: 96 Resp: 30965
Ion Ratio Lower Upper
96 100
61 124.7 107.4 199.4
98 64.4 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.181 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 73 Resp: 47958
Ion Ratio Lower Upper
73 100
43 22.1 19.5 29.3
57 20.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.108 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021250.D

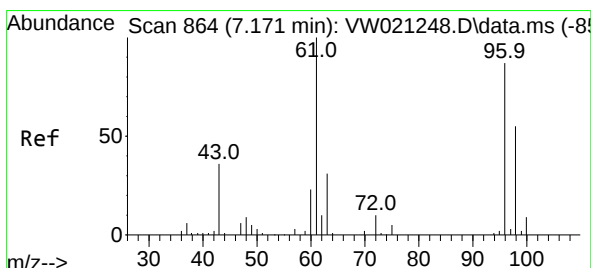
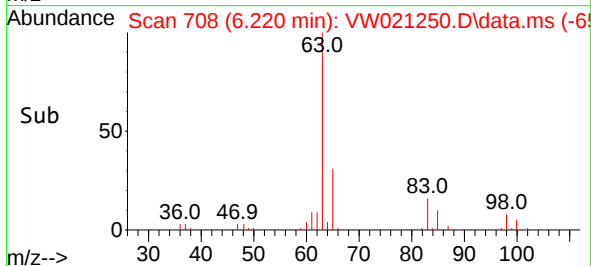
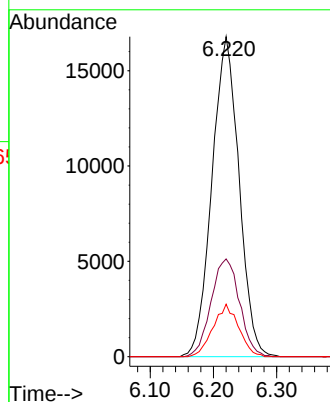
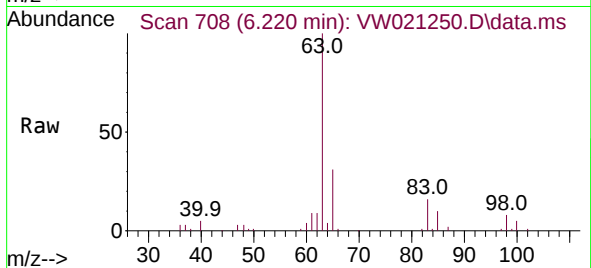
Acq: 09 Dec 2021 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	49819
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.1	41.1
83	16.4	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 22.214 ug/L

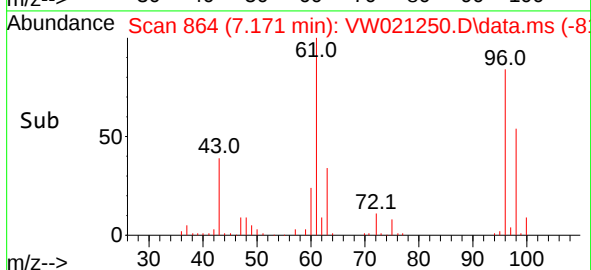
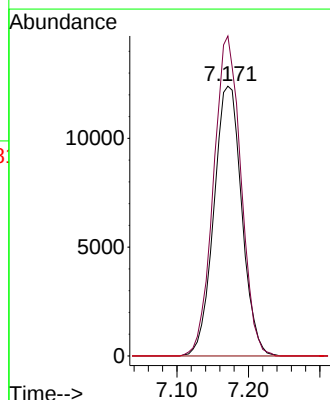
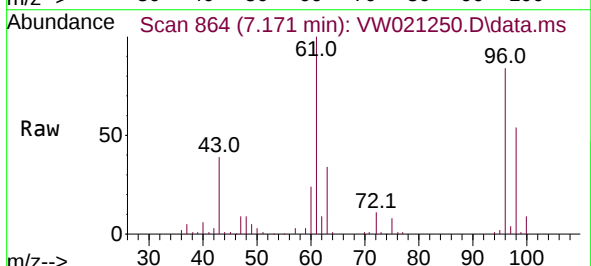
RT: 7.171 min Scan# 864

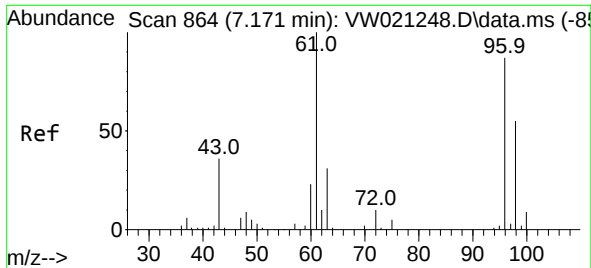
Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Tgt Ion:	96	Resp:	33646
Ion	Ratio	Lower	Upper
96	100		
61	118.6	103.7	192.7
68	0.0	0.0	0.0

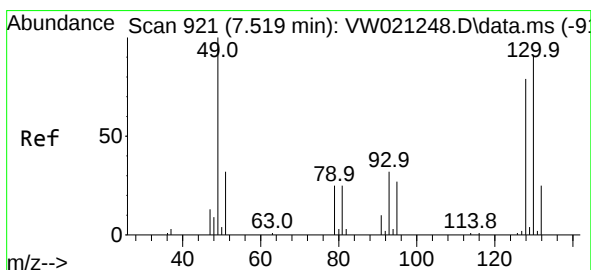
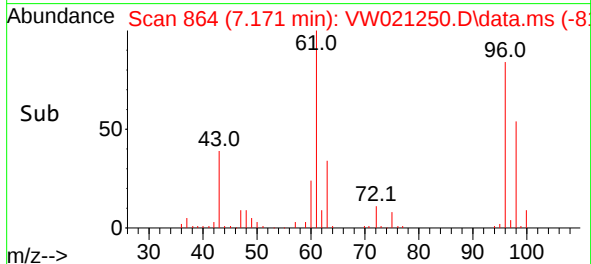
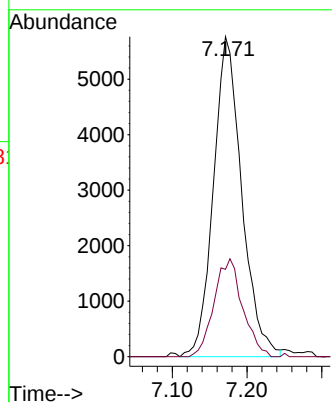
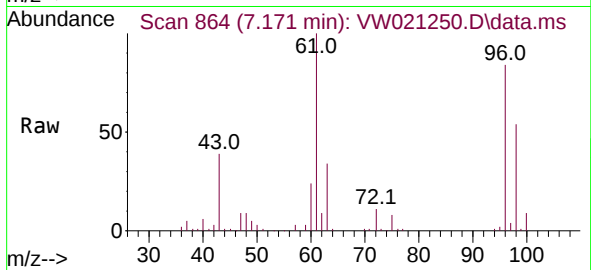




#22
2-Butanone
Concen: 47.288 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

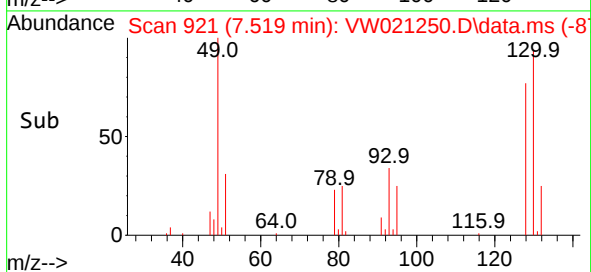
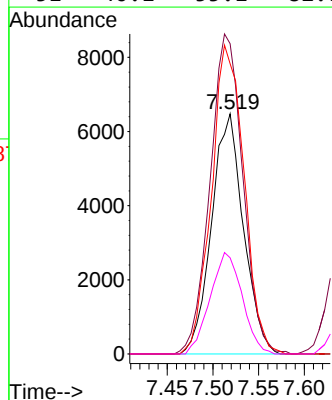
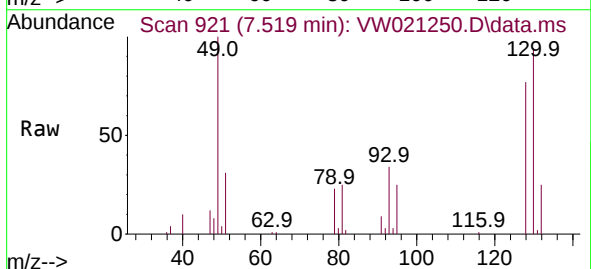
Instrument :
MSVOA_W
ClientSampleId :

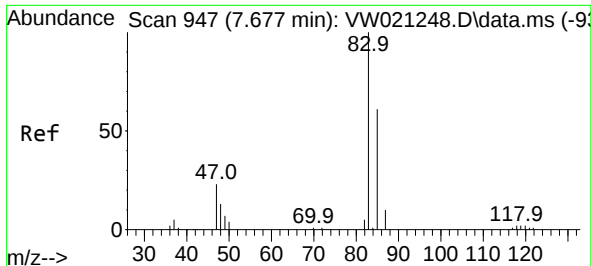
Tgt Ion: 43 Resp: 15207
Ion Ratio Lower Upper
43 100
72 30.8 11.8 35.4



#23
Bromochloromethane
Concen: 22.171 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 128 Resp: 15702
Ion Ratio Lower Upper
128 100
49 129.2 150.3 279.1#
130 120.8 88.3 163.9
51 40.1 55.1 82.7#

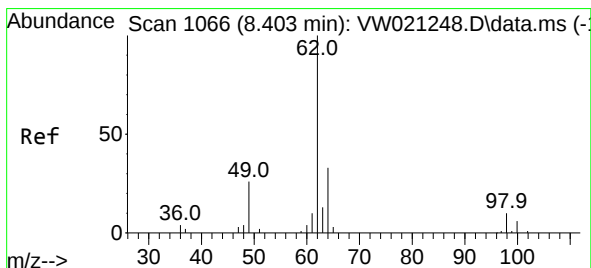
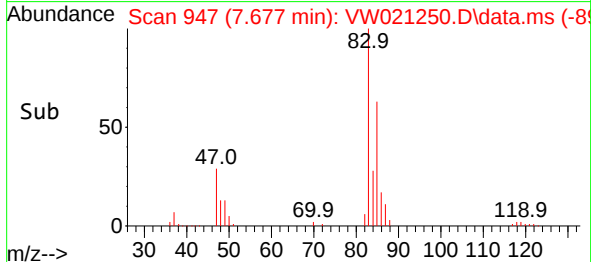
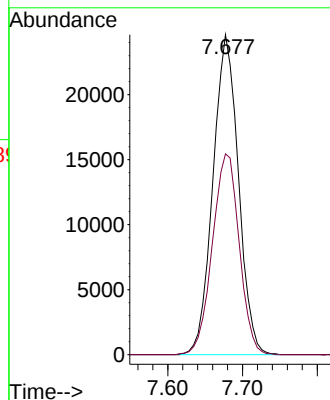
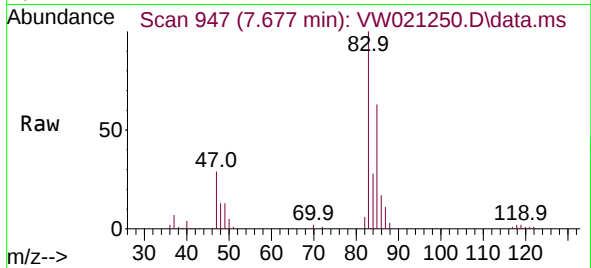




#25
Chloroform
Concen: 22.293 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

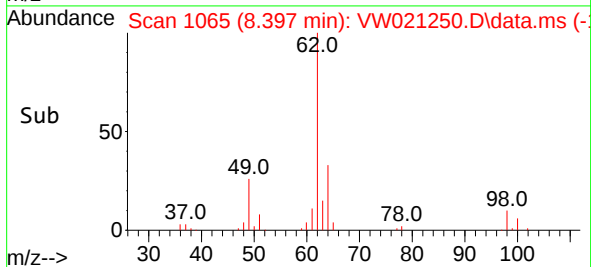
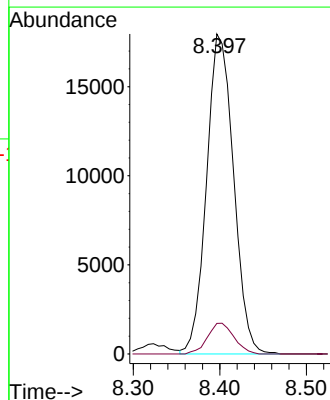
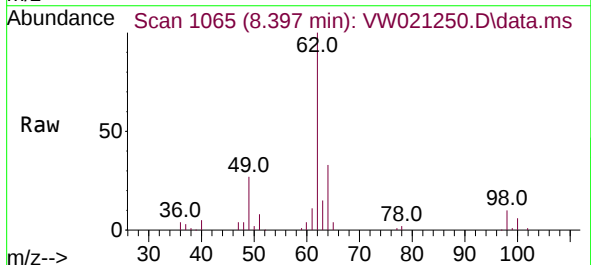
Instrument :
MSVOA_W
ClientSampleId :

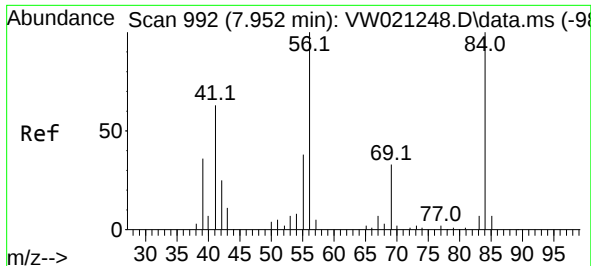
Tgt Ion: 83 Resp: 58315
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.482 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

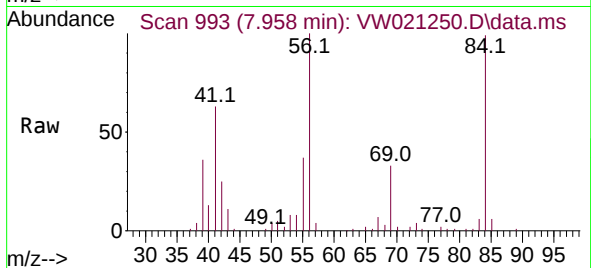
Tgt Ion: 62 Resp: 38898
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7



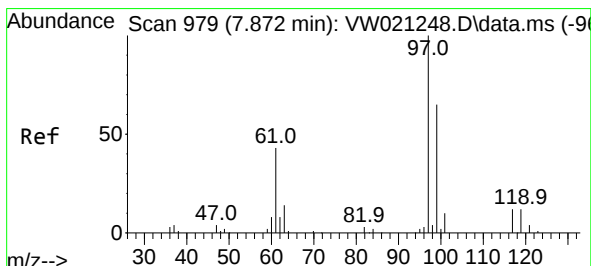
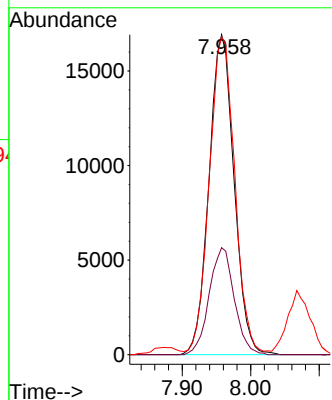
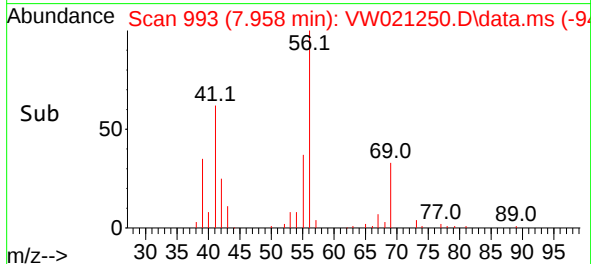


#29
Cyclohexane
Concen: 20.450 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Instrument :
MSVOA_W
ClientSampleId :

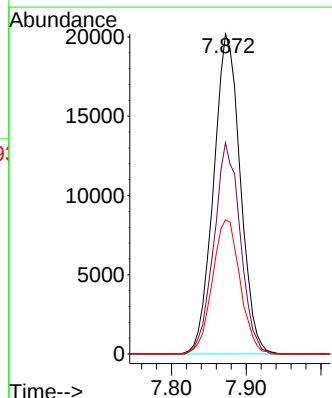
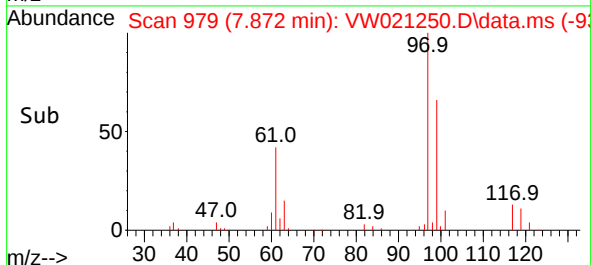
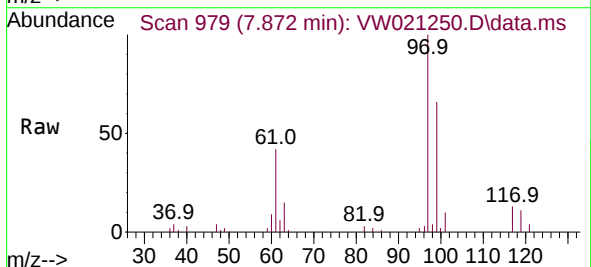


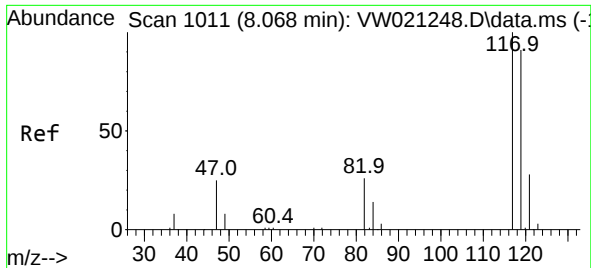
Tgt Ion: 56 Resp: 43010
Ion Ratio Lower Upper
56 100
69 33.4 23.5 35.3
84 101.4 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 21.226 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 97 Resp: 50322
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 43.3 40.9 61.3

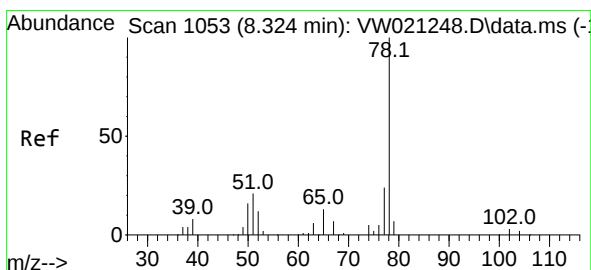
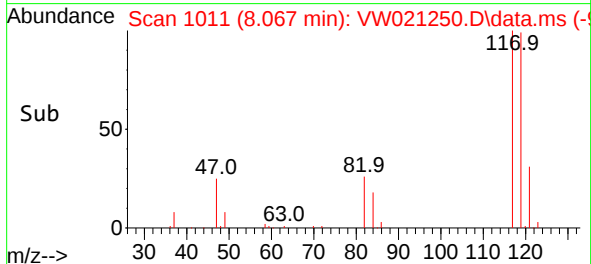
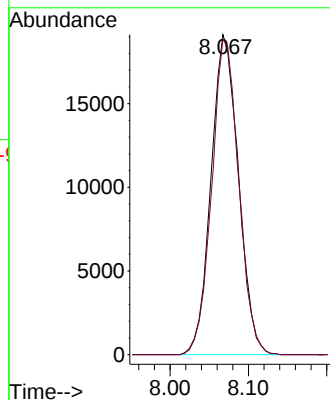
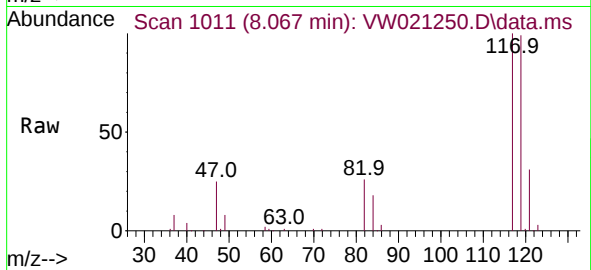




#31
Carbon tetrachloride
Concen: 21.243 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

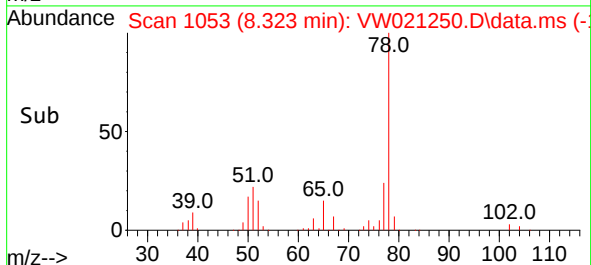
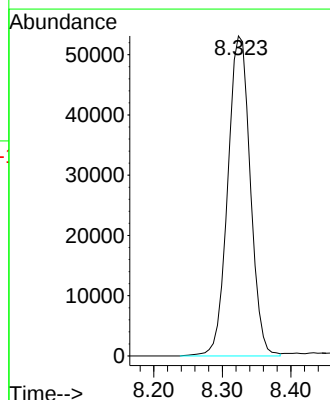
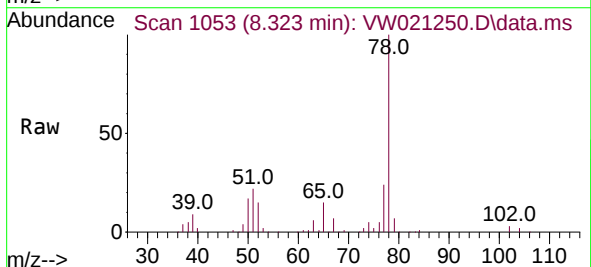
Instrument :
MSVOA_W
ClientSampleId :

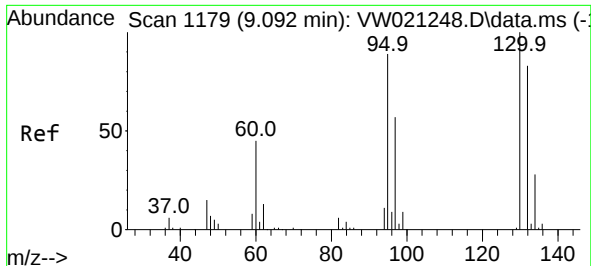
Tgt Ion:117 Resp: 46460
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5



#33
Benzene
Concen: 21.068 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 78 Resp: 121268

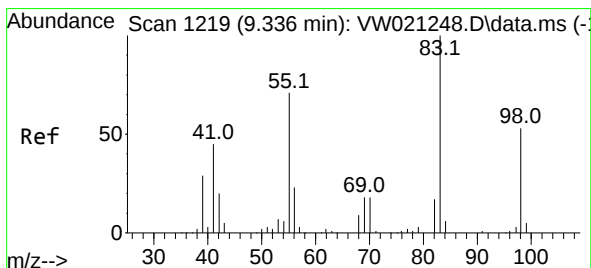
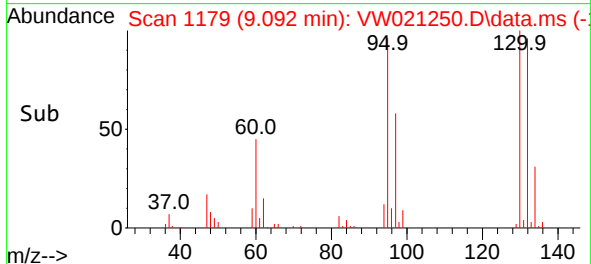
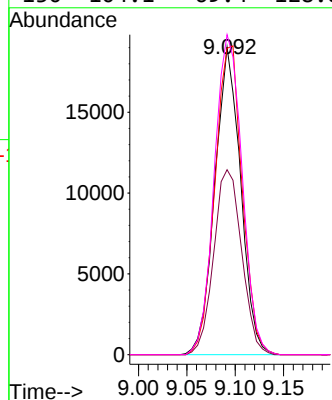
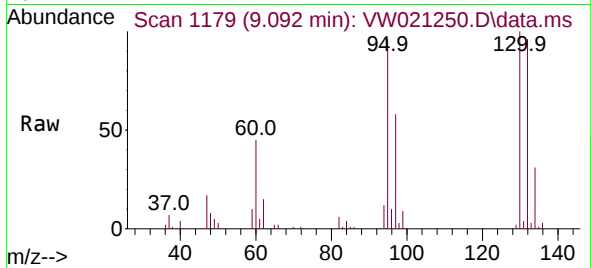




#34
Trichloroethene
Concen: 21.855 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

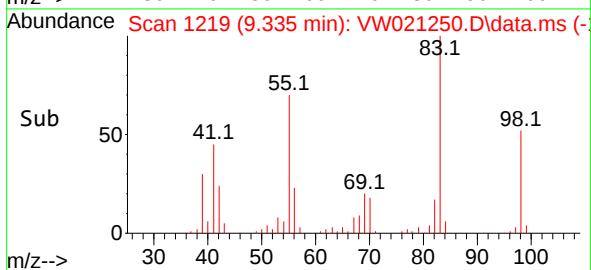
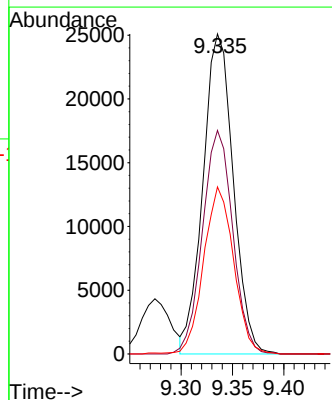
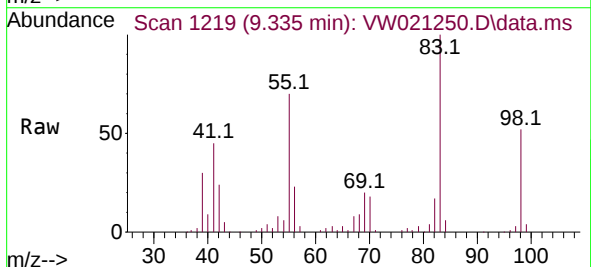
Instrument :
MSVOA_W
ClientSampleId :

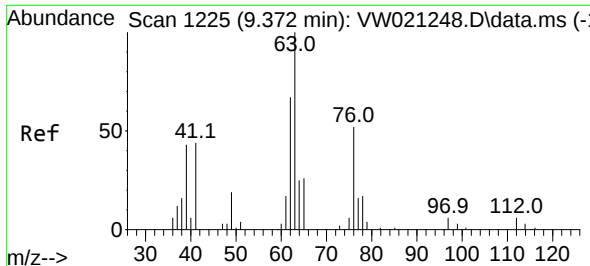
Tgt Ion: 95 Resp: 35313
Ion Ratio Lower Upper
95 100
97 60.2 47.0 87.2
132 99.7 65.5 121.6
130 104.1 69.4 128.8



#35
Methylcyclohexane
Concen: 19.295 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 83 Resp: 51429
Ion Ratio Lower Upper
83 100
55 69.8 70.8 106.2#
98 51.8 37.7 56.5

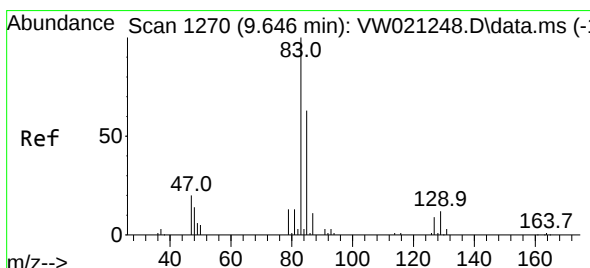
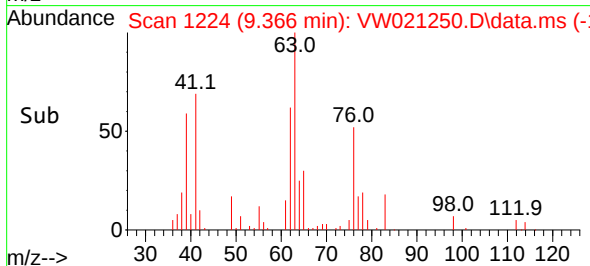
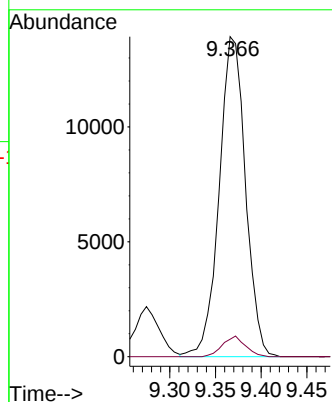
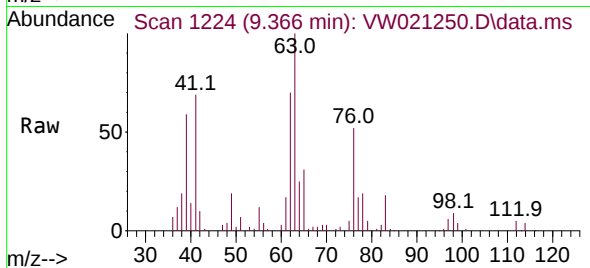




#37
1,2-Dichloropropane
Concen: 21.717 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

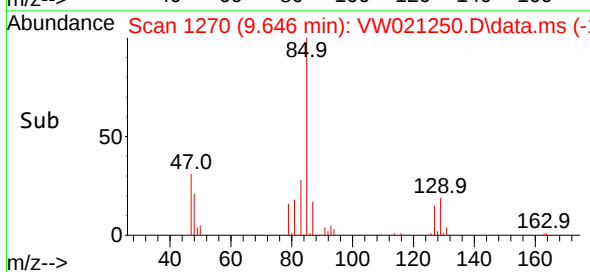
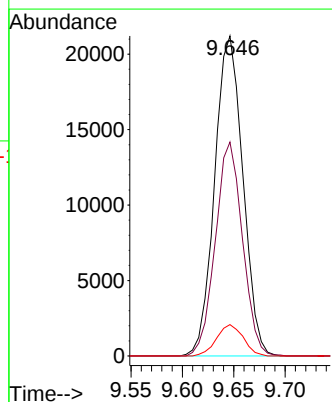
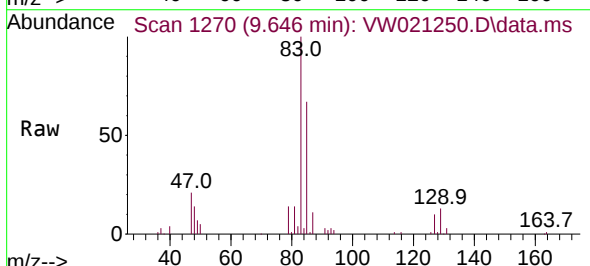
Instrument :
MSVOA_W
ClientSampleId :

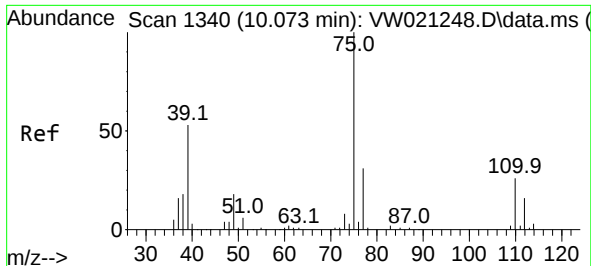
Tgt Ion: 63 Resp: 27883
Ion Ratio Lower Upper
63 100
112 5.6 3.2 4.8#



#38
Bromodichloromethane
Concen: 22.907 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 83 Resp: 40439
Ion Ratio Lower Upper
83 100
85 66.9 44.1 81.9
127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.143 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Instrument :

MSVOA_W

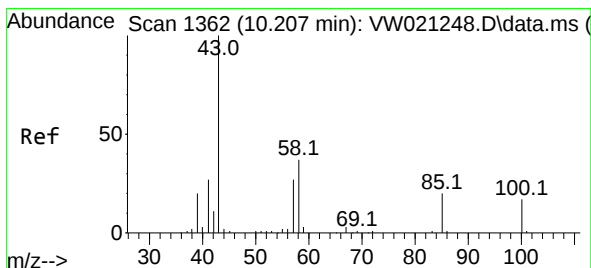
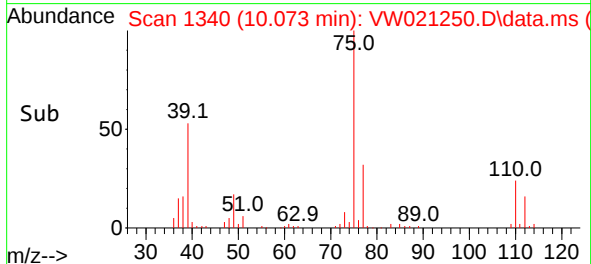
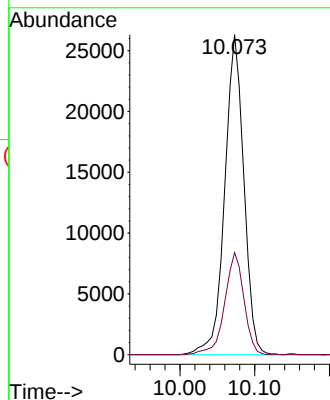
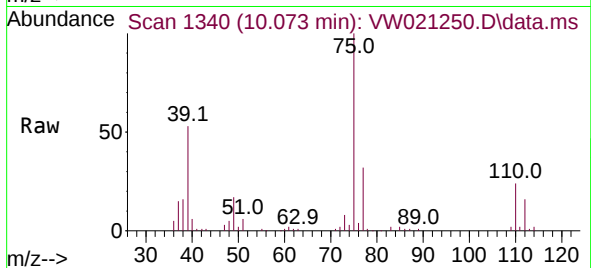
ClientSampleId :

Tgt Ion: 75 Resp: 46839

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.698 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

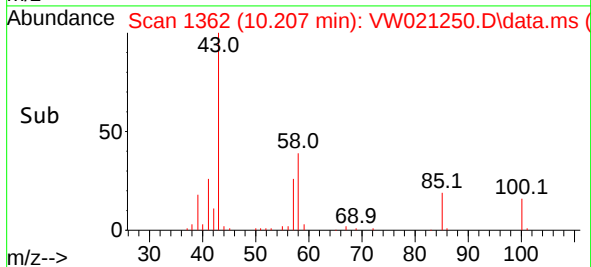
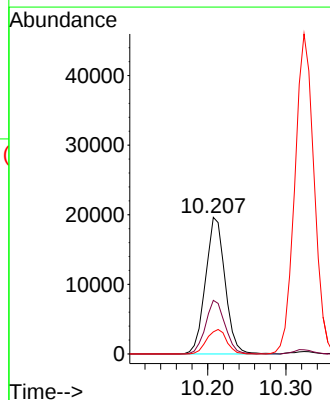
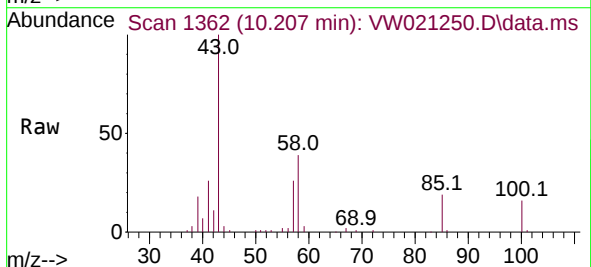
Tgt Ion: 43 Resp: 34068

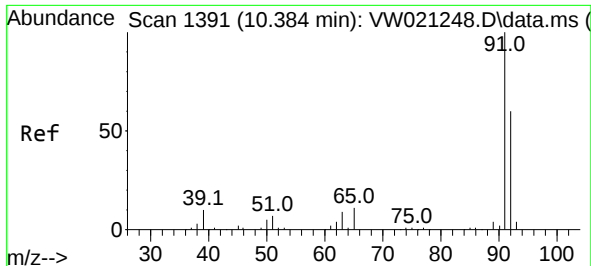
Ion Ratio Lower Upper

43 100

58 39.1 28.8 43.2

100 18.1 10.0 15.0#

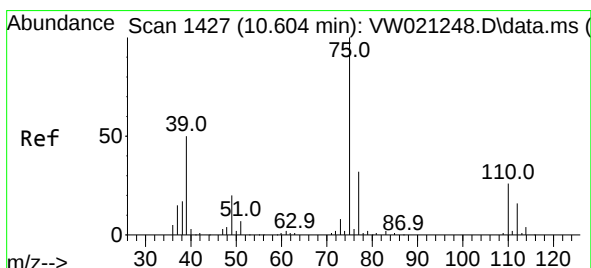
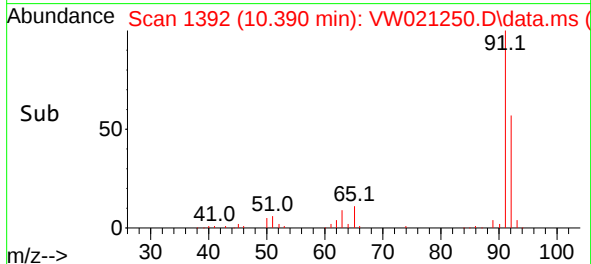
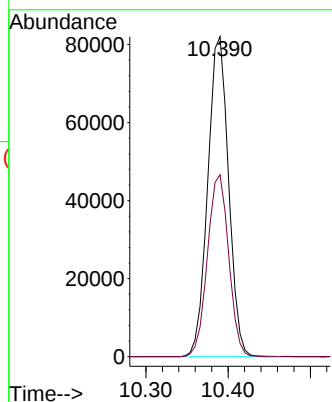
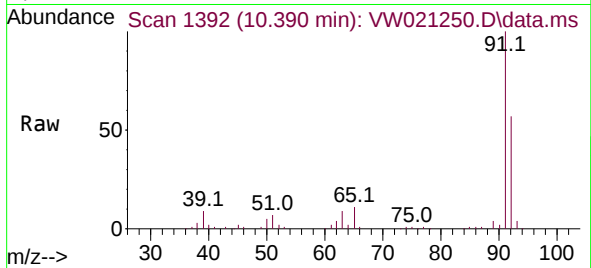




#42
Toluene
Concen: 21.422 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

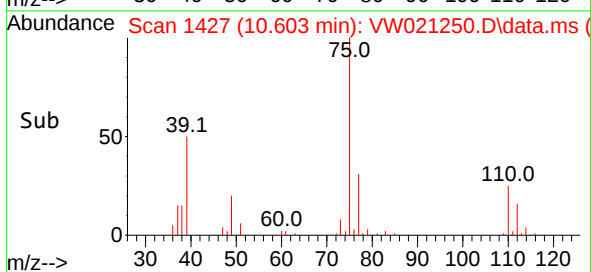
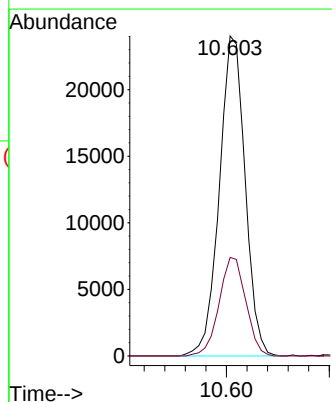
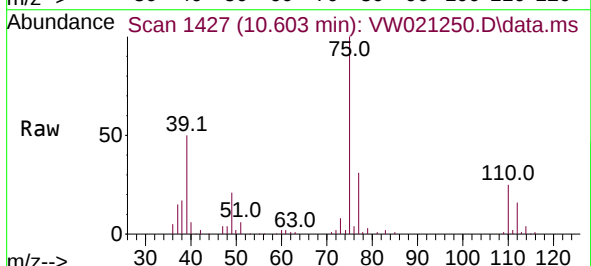
Instrument :
MSVOA_W
ClientSampleId :

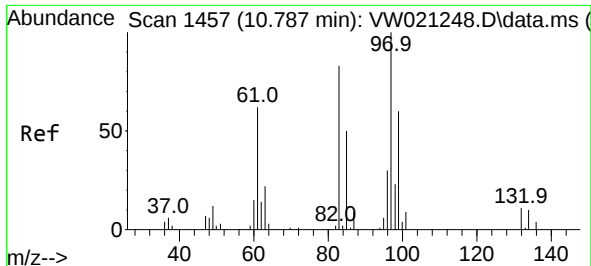
Tgt Ion: 91 Resp: 144212
Ion Ratio Lower Upper
91 100
92 56.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.560 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 75 Resp: 41766
Ion Ratio Lower Upper
75 100
77 30.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 23.660 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 24864

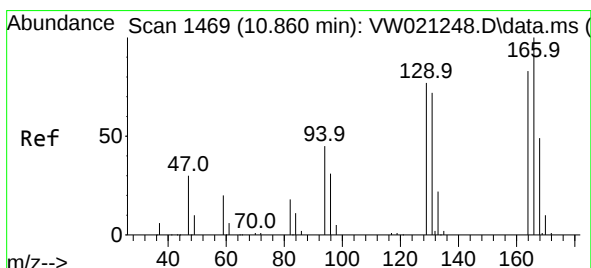
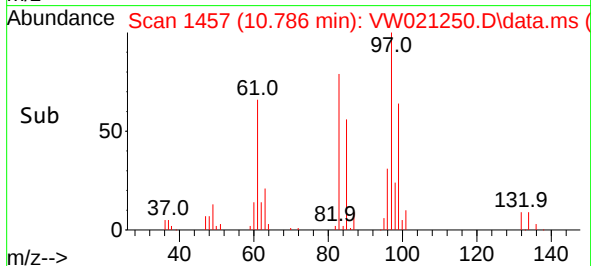
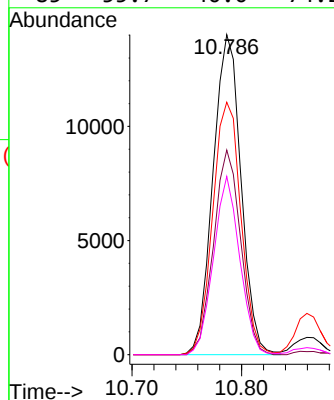
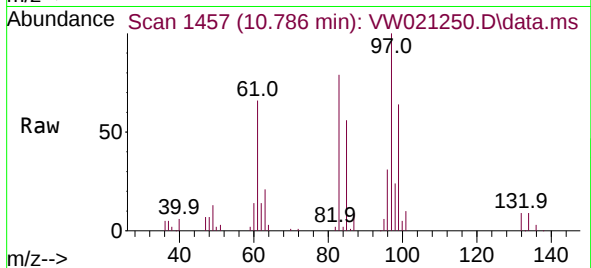
Ion Ratio Lower Upper

97 100

99 63.9 43.0 79.8

83 78.9 62.6 116.3

85 55.7 40.0 74.2



#46

Tetrachloroethene

Concen: 99.417 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Tgt Ion:164 Resp: 152601

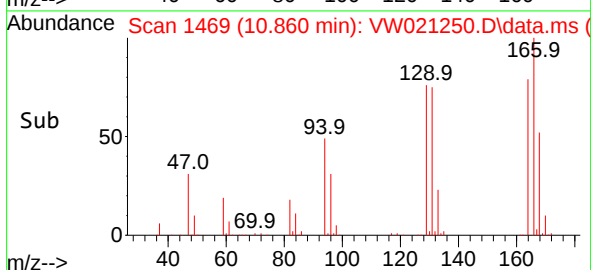
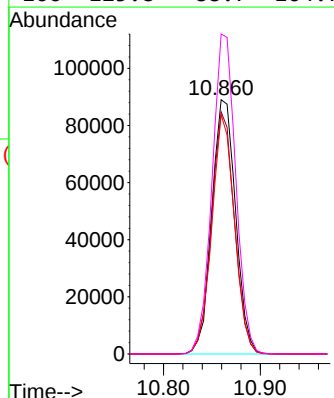
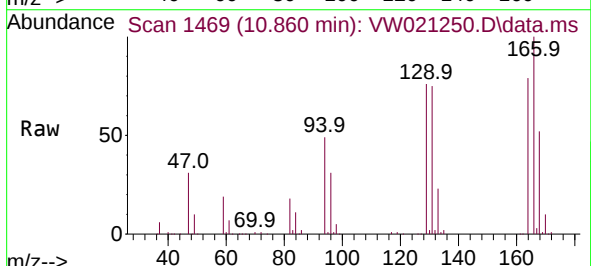
Ion Ratio Lower Upper

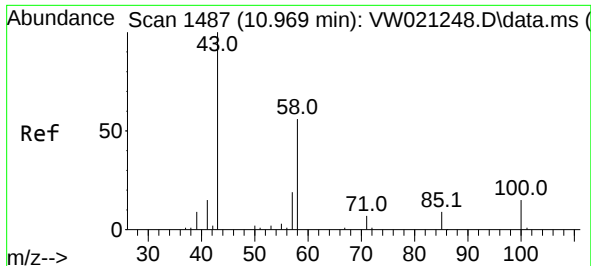
164 100

129 95.2 65.5 121.7

131 94.2 59.7 110.9

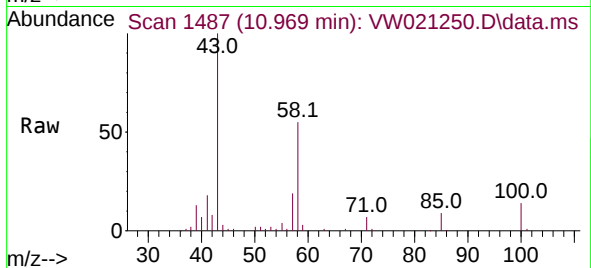
166 125.8 88.7 164.7



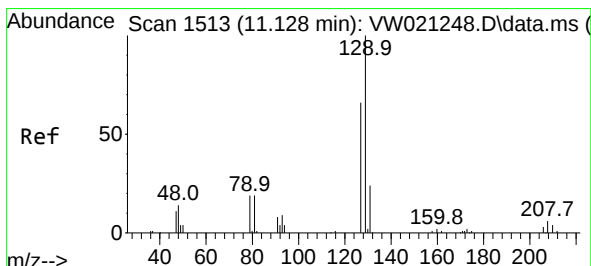
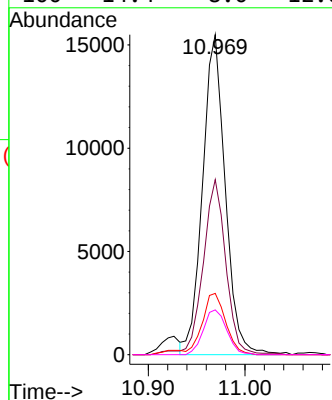
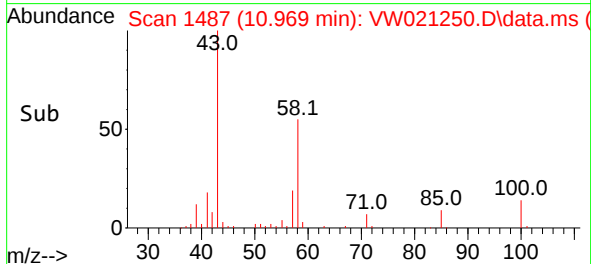


#48
2-Hexanone
Concen: 49.889 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Instrument :
MSVOA_W
ClientSampleId :

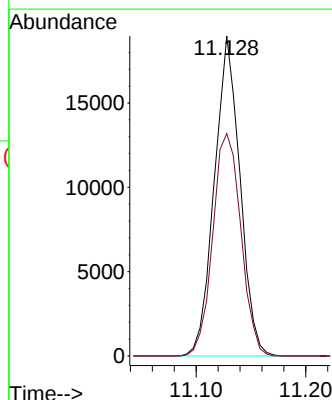
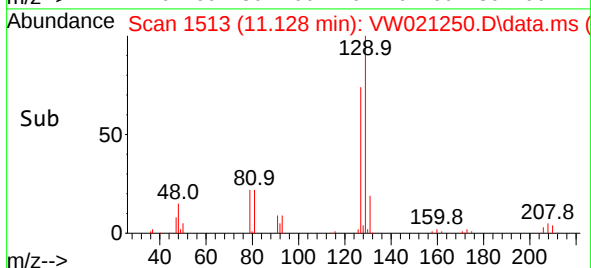
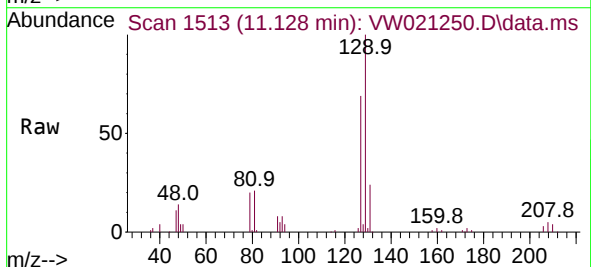


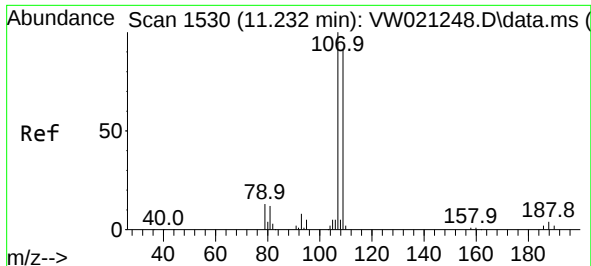
Tgt Ion: 43 Resp: 25310
Ion Ratio Lower Upper
43 100
58 53.0 40.2 60.2
57 19.6 14.3 21.5
100 14.4 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.769 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 129 Resp: 30793
Ion Ratio Lower Upper
129 100
127 69.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.076 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

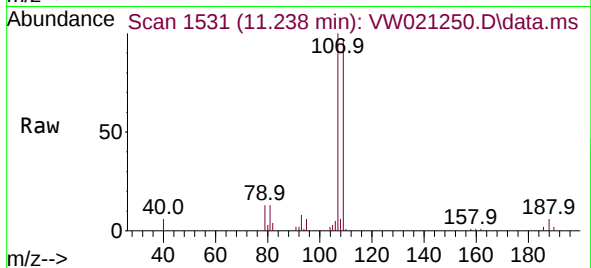
Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

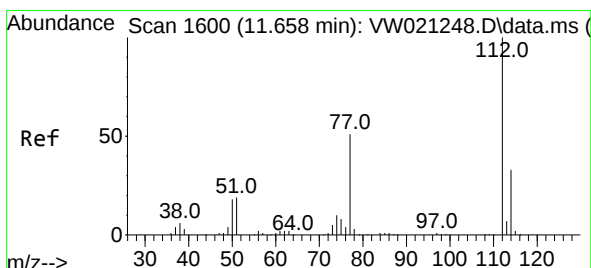
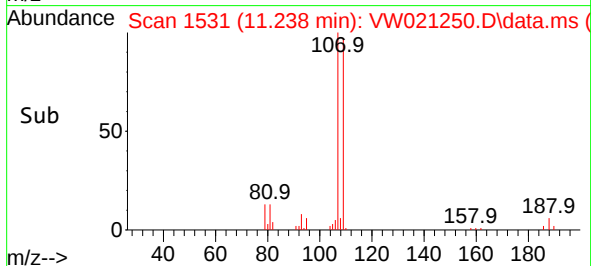
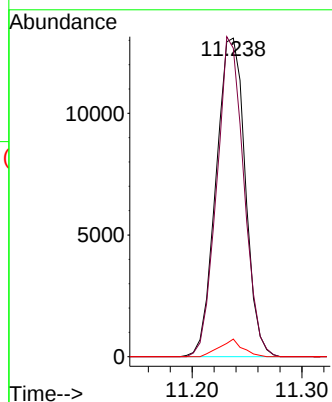
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	24133
Ion	Ratio	Lower	Upper
107	100		
109	96.8	64.1	119.1
188	5.5	2.6	3.8#



#51

Chlorobenzene

Concen: 21.617 ug/L

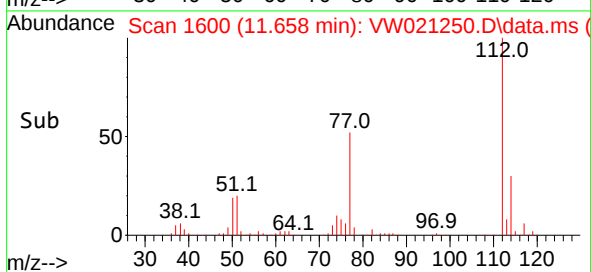
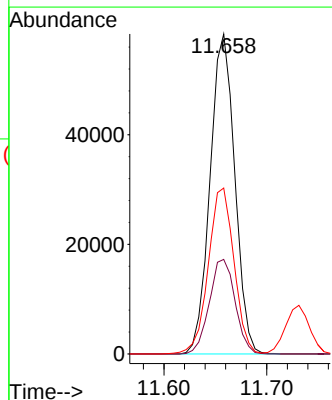
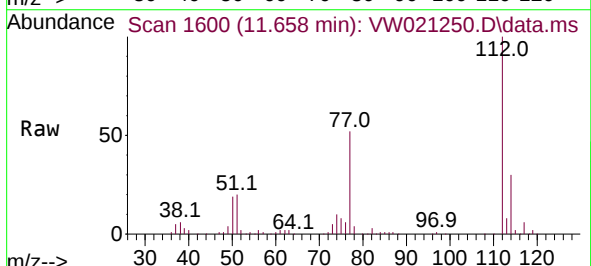
RT: 11.658 min Scan# 1600

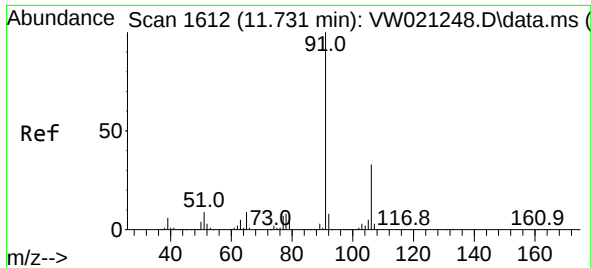
Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Tgt Ion:	112	Resp:	97430
Ion	Ratio	Lower	Upper
112	100		
114	29.6	22.4	41.6
77	51.8	50.2	75.4

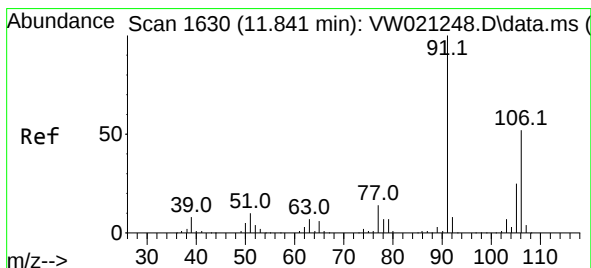
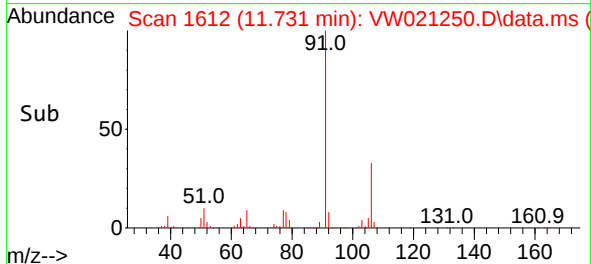
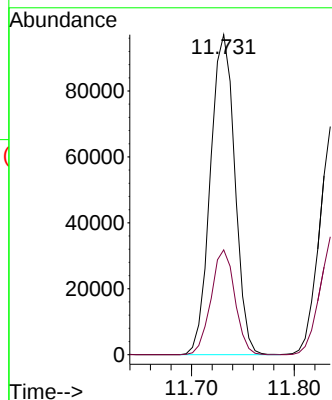
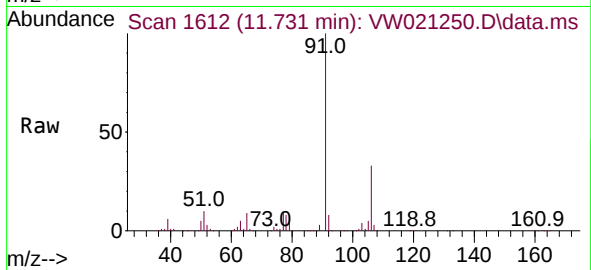




#52
Ethylbenzene
Concen: 20.828 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

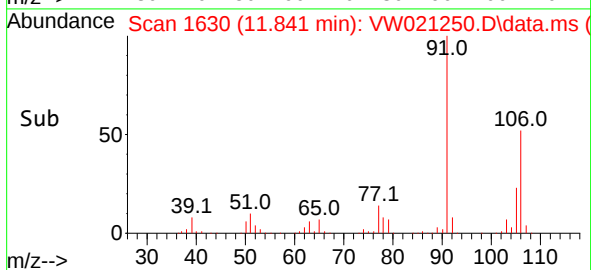
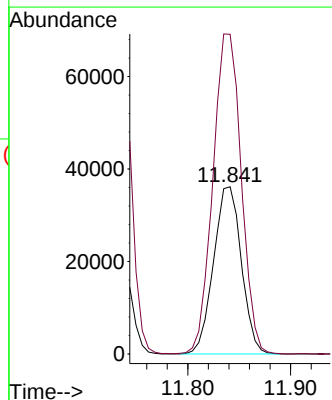
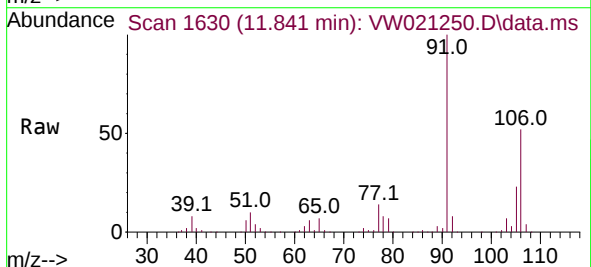
Instrument :
MSVOA_W
ClientSampleId :

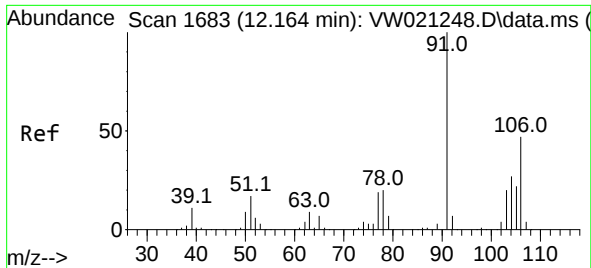
Tgt Ion: 91 Resp: 160227
Ion Ratio Lower Upper
91 100
106 32.7 21.5 39.9



#53
m,p-Xylene
Concen: 21.873 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion:106 Resp: 67881
Ion Ratio Lower Upper
106 100
91 191.1 149.9 278.3

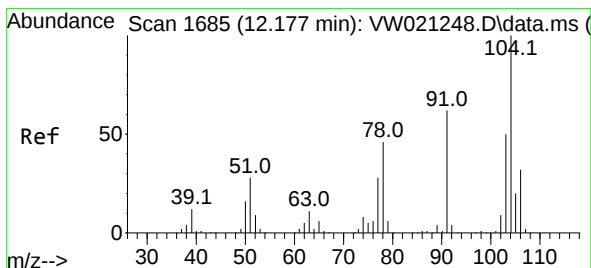
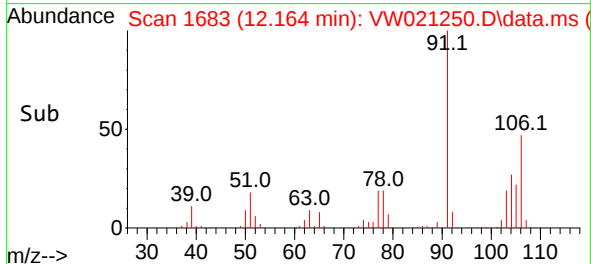
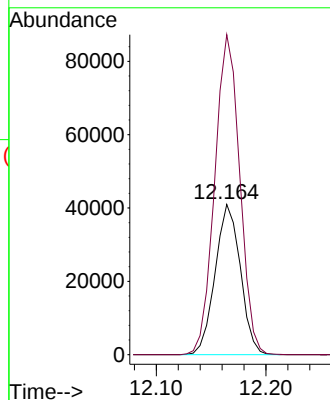
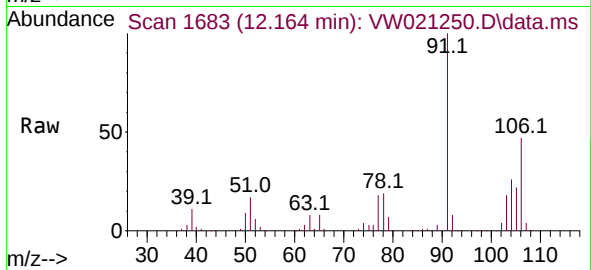




#54
o-Xylene
Concen: 22.234 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

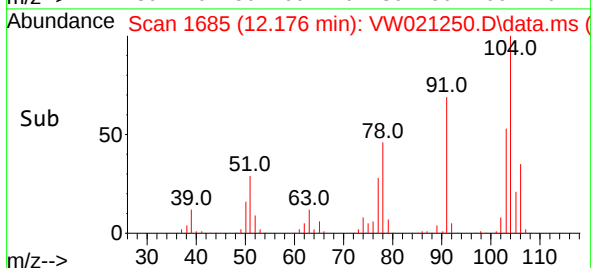
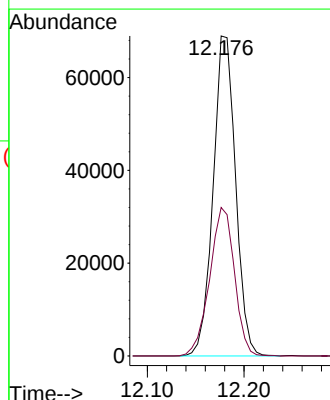
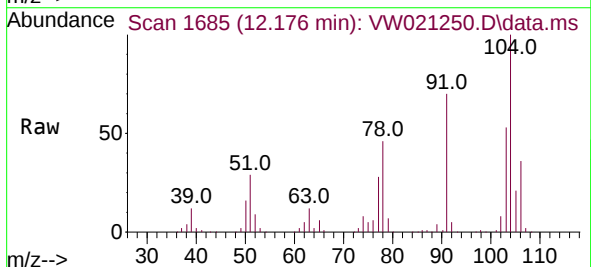
Instrument :
MSVOA_W
ClientSampleId :

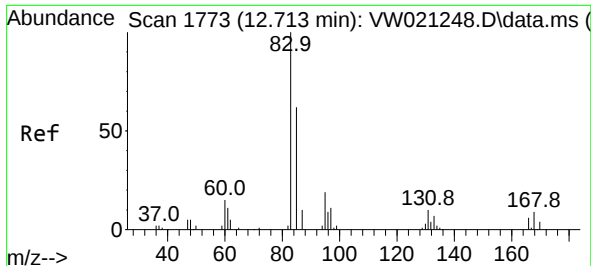
Tgt Ion:106 Resp: 65484
Ion Ratio Lower Upper
106 100
91 212.9 153.6 285.3



#55
Styrene
Concen: 22.189 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion:104 Resp: 111226
Ion Ratio Lower Upper
104 100
78 46.4 34.4 64.0

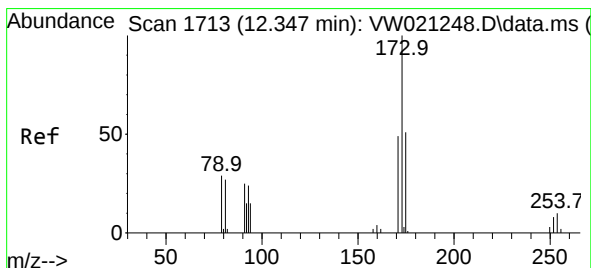
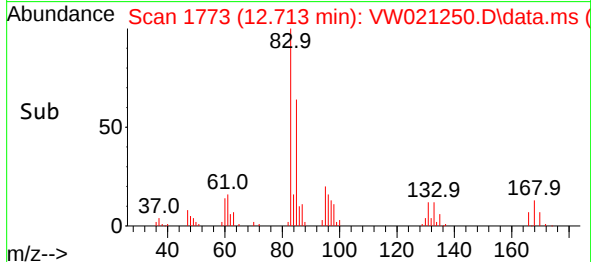
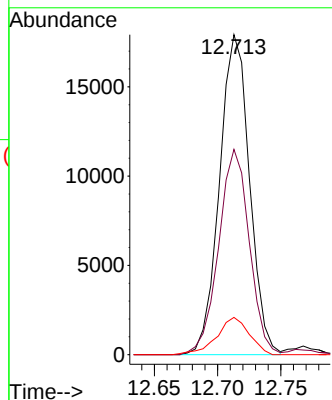
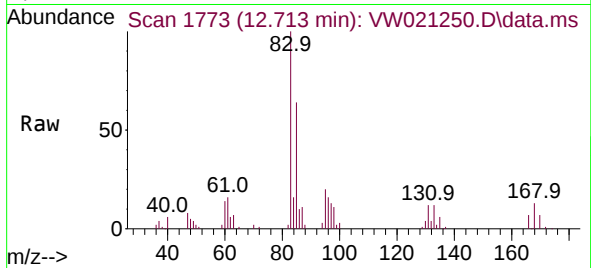




#57
1,1,2,2-Tetrachloroethane
Concen: 24.539 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

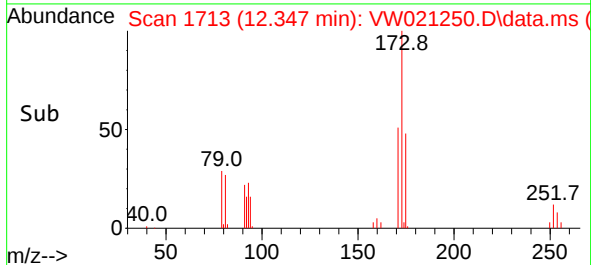
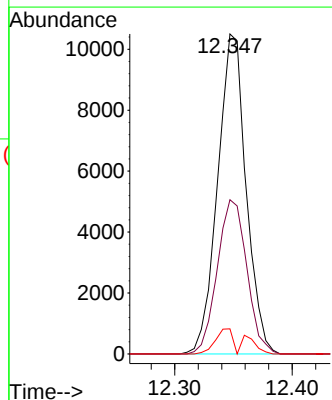
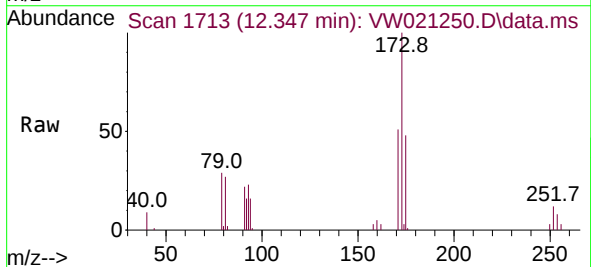
Instrument :
MSVOA_W
ClientSampleId :

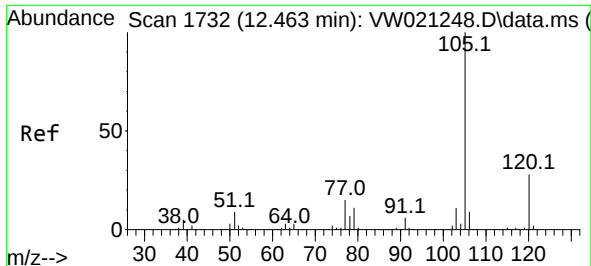
Tgt Ion: 83 Resp: 29561
Ion Ratio Lower Upper
83 100
85 64.1 44.0 81.6
131 11.6 6.9 10.3#



#59
Bromoform
Concen: 24.162 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion:173 Resp: 17669
Ion Ratio Lower Upper
173 100
175 50.0 39.6 59.4
254 4.8 7.4 11.0#

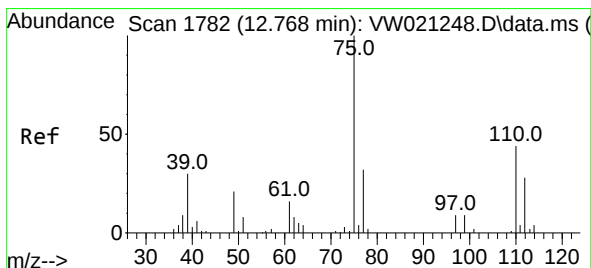
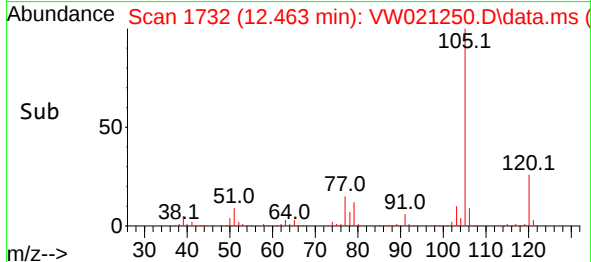
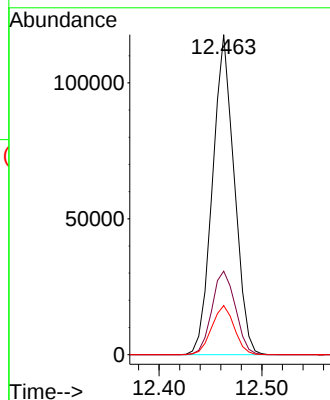
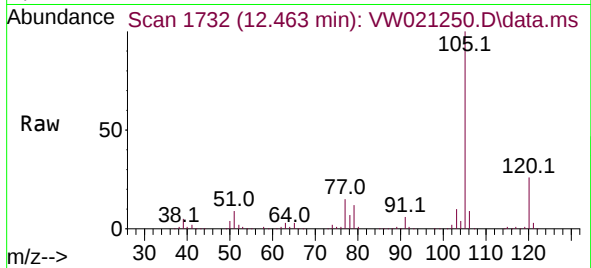




#60
Isopropylbenzene
Concen: 20.706 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

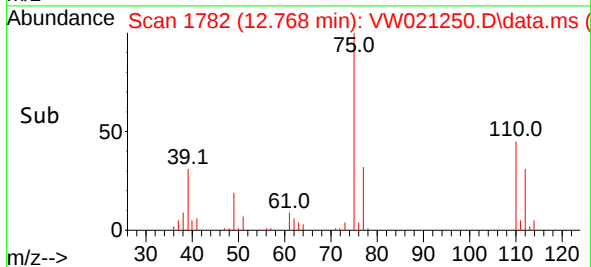
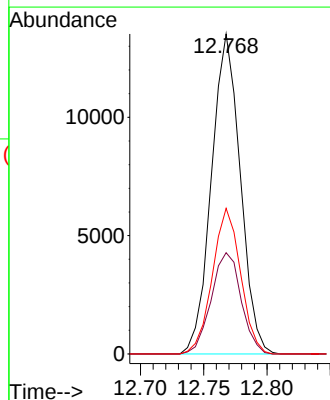
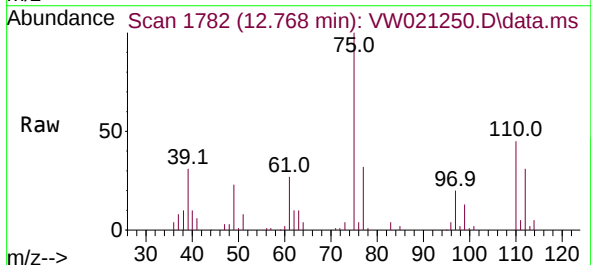
Instrument :
MSVOA_W
ClientSampleId :

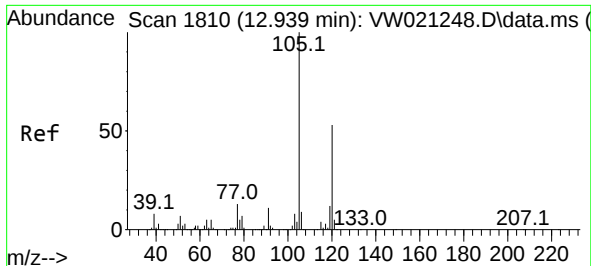
Tgt Ion:105 Resp: 172914
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 15.9 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.975 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion: 75 Resp: 21445
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 44.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 21.171 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Instrument :

MSVOA_W

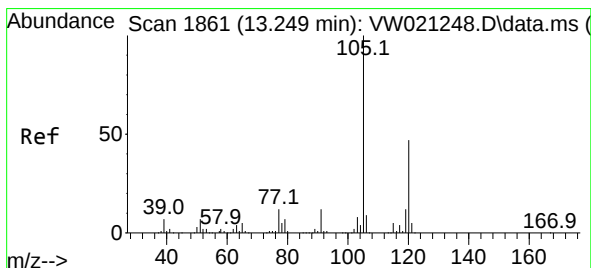
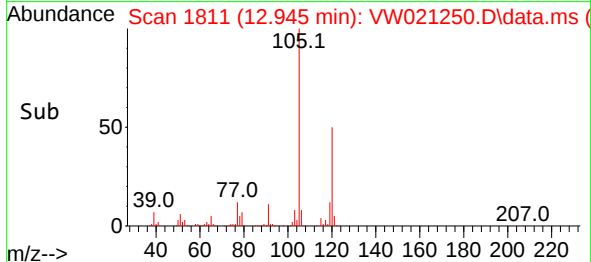
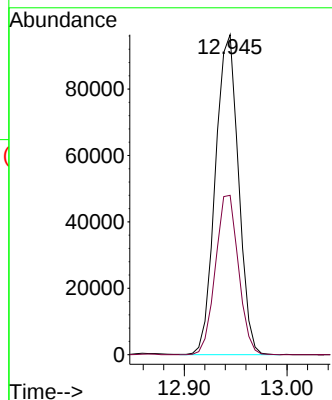
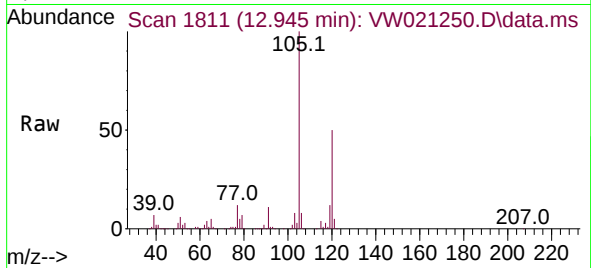
ClientSampleId :

Tgt Ion:105 Resp: 150445

Ion Ratio Lower Upper

105 100

120 49.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 20.930 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021250.D

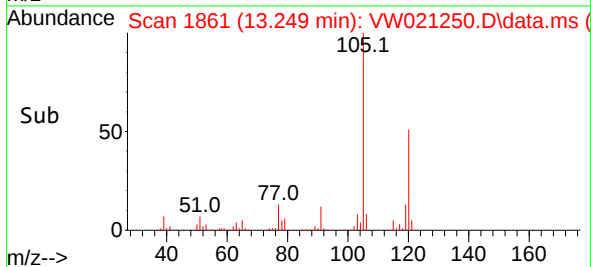
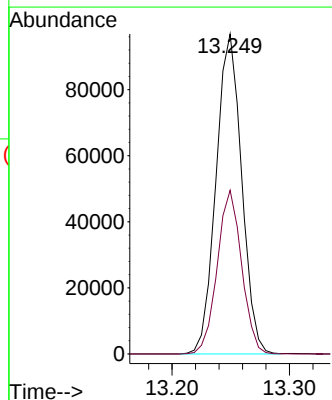
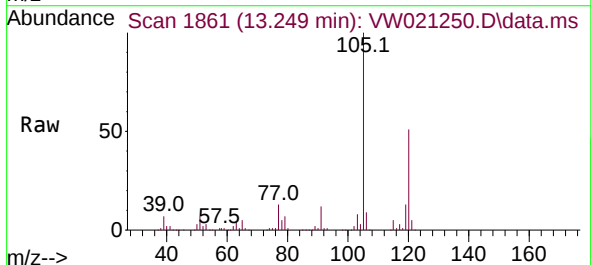
Acq: 09 Dec 2021 18:59

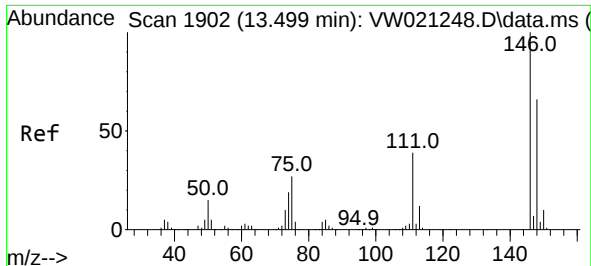
Tgt Ion:105 Resp: 146724

Ion Ratio Lower Upper

105 100

120 48.7 35.0 52.6

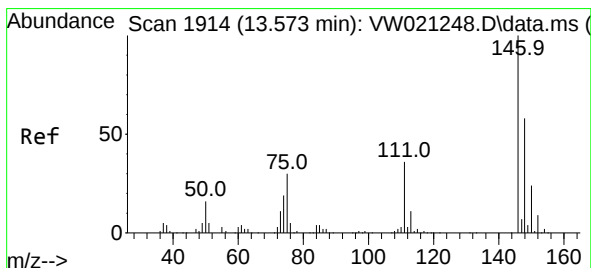
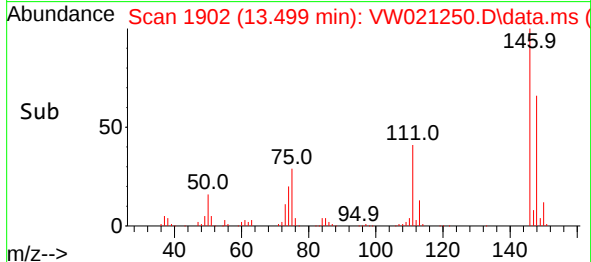
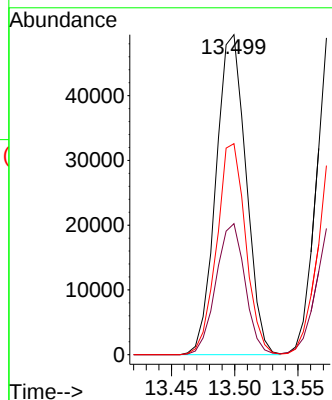
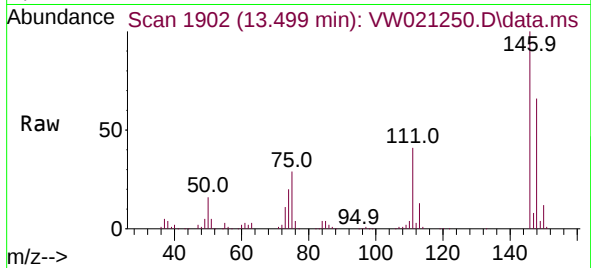




#64
1,3-Dichlorobenzene
Concen: 20.742 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

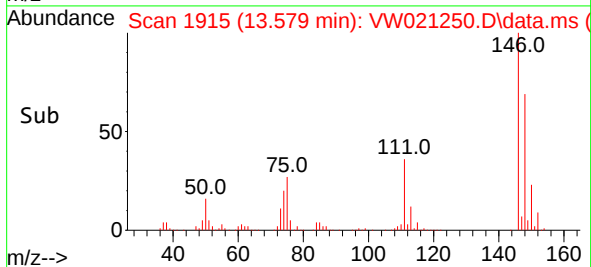
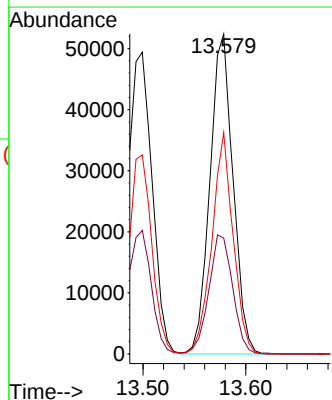
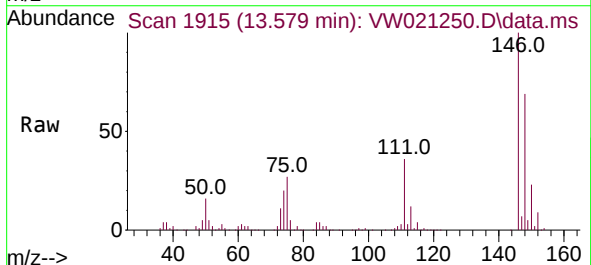
Instrument :
MSVOA_W
ClientSampleId :

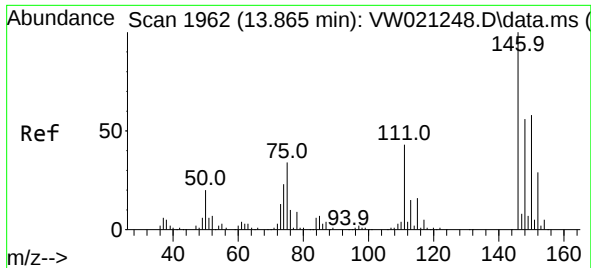
Tgt Ion:146 Resp: 81703
Ion Ratio Lower Upper
146 100
111 41.0 29.8 55.3
148 66.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 20.926 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion:146 Resp: 81896
Ion Ratio Lower Upper
146 100
111 36.2 29.0 53.9
148 69.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.235 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

Instrument :

MSVOA_W

ClientSampleId :

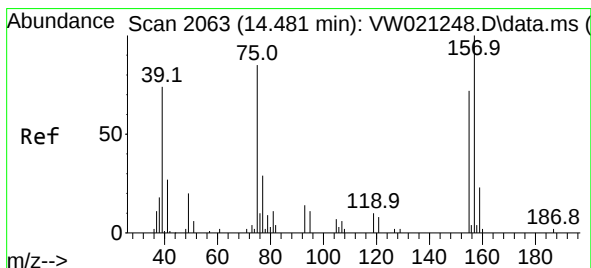
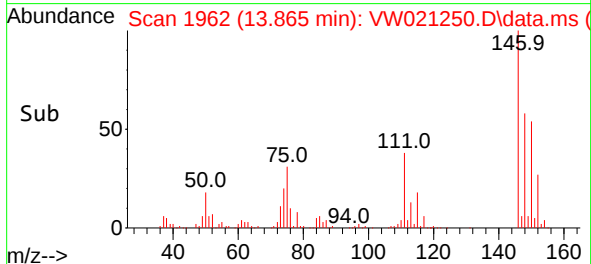
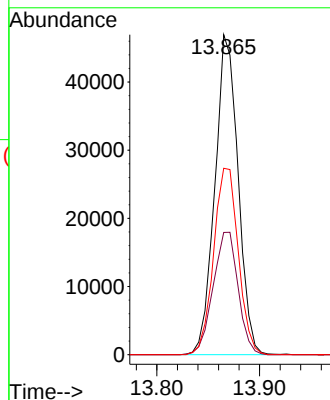
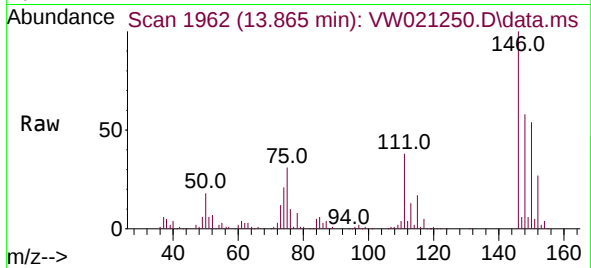
Tgt Ion:146 Resp: 73640

Ion Ratio Lower Upper

146 100

111 38.2 33.1 49.7

148 58.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.312 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021250.D

Acq: 09 Dec 2021 18:59

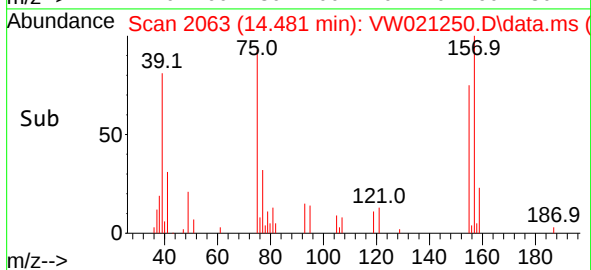
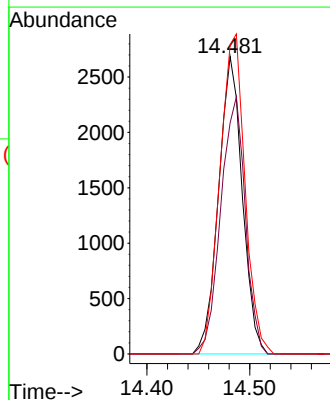
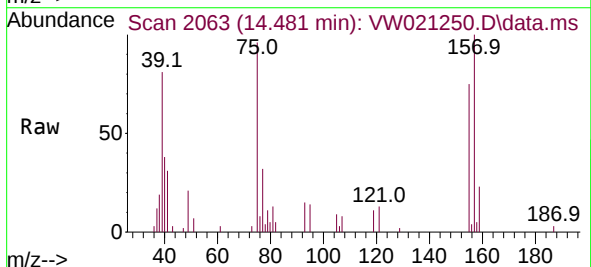
Tgt Ion: 75 Resp: 4301

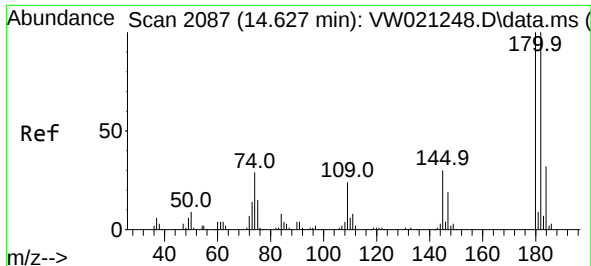
Ion Ratio Lower Upper

75 100

155 77.7 54.2 81.2

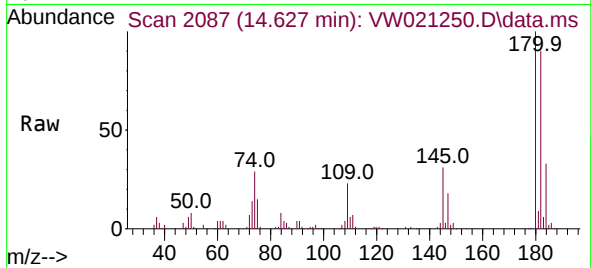
157 103.8 69.4 104.2



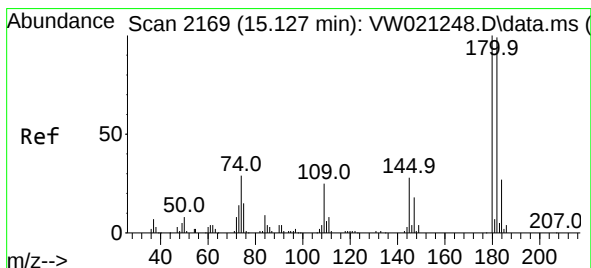
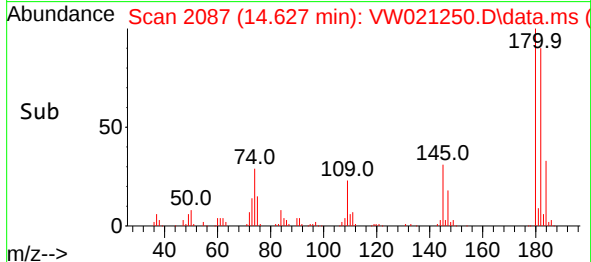
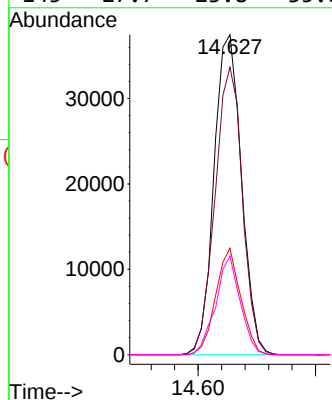


#69
 1,3,5-Trichlorobenzene
 Concen: 20.634 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

Instrument :
 MSVOA_W
 ClientSampleId :

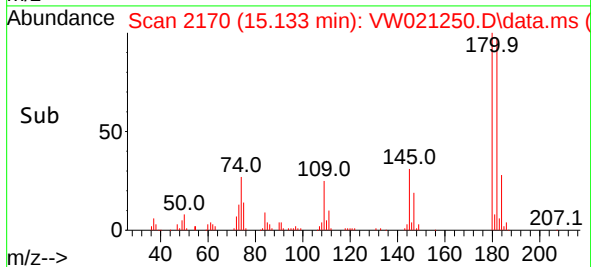
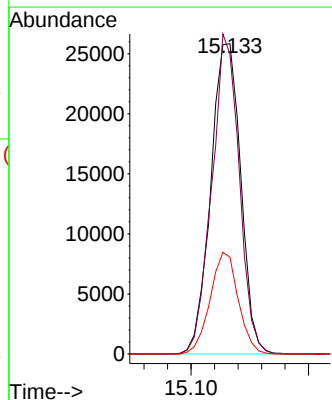
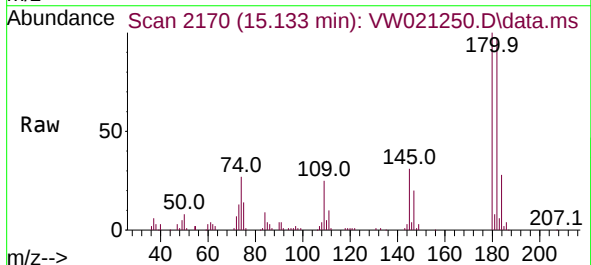


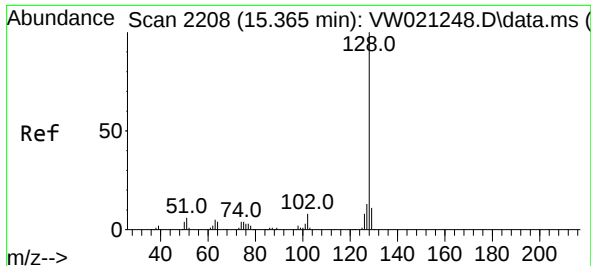
Tgt Ion:180 Resp: 60749
 Ion Ratio Lower Upper
 180 100
 182 89.8 75.4 113.0
 184 30.5 23.8 35.8
 145 27.7 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 19.297 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021250.D
 Acq: 09 Dec 2021 18:59

Tgt Ion:180 Resp: 45696
 Ion Ratio Lower Upper
 180 100
 182 94.3 79.0 118.6
 145 30.8 26.0 39.0

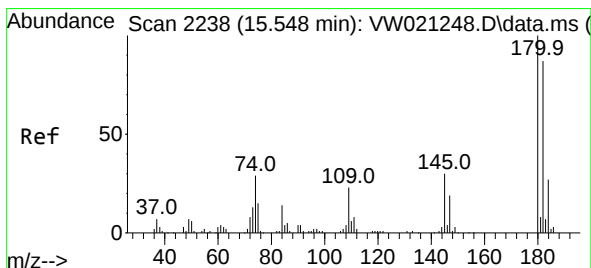
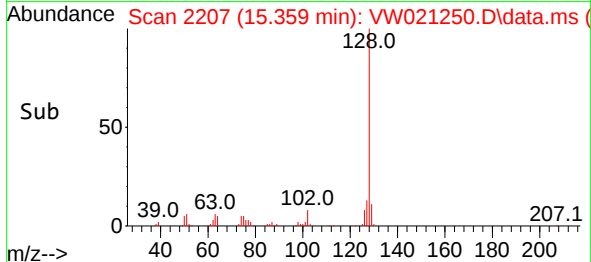
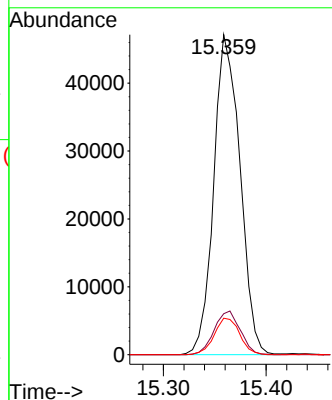
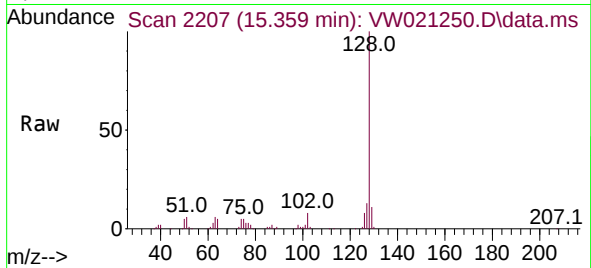




#71
Naphthalene
Concen: 21.759 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 83711
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.033 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021250.D
Acq: 09 Dec 2021 18:59

Tgt Ion:180 Resp: 41162
Ion Ratio Lower Upper
180 100
182 97.1 76.6 114.8
145 30.6 27.4 41.0

