

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
 Data File : VW022848.D
 Acq On : 05 May 2022 17:38
 Operator : SY/VA
 Sample : N2708-03MS
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL30MS

Quant Time: May 06 01:08:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 06 01:05:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	366116	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	363134	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	164016	21.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.885	69	127817	26.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.640%
11) 1,1-Dichloroethene-d2	4.019	63	194032	19.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.960%
21) 2-Butanone-d5	7.080	46	65567	45.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
24) Chloroform-d	7.653	84	248711	23.187	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.305	65	137099	23.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	8.275	84	474641	22.677	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	9.274	67	139294	23.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	10.323	98	452228	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.573	79	60128	22.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.840%
47) 2-Hexanone-d5	10.920	63	54785	48.811	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134174	24.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	162197	22.995	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	52757	26.434	ug/L	96
3) Chloromethane	2.215	50	82726	21.450	ug/L	97
5) Vinyl chloride	2.361	62	166458	21.506	ug/L	97
6) Bromomethane	2.776	94	106328	21.396	ug/L	91
8) Chloroethane	2.922	64	91343	24.468	ug/L	98
9) Trichlorofluoromethane	3.251	101	64461	18.221	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	105191	19.886	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	93322	19.902	ug/L	93
13) Acetone	4.123	43	49756	46.534	ug/L	93
14) Carbon disulfide	4.385	76	223514	17.386	ug/L	98
15) Methyl Acetate	4.672	43	43022	20.028	ug/L	99
16) Methylene chloride	4.915	84	118328	22.088	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	107674	20.405	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	170375	21.150	ug/L	99
19) 1,1-Dichloroethane	6.214	63	193286	21.612	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	120350	21.234	ug/L	99
22) 2-Butanone	7.171	43	65782	43.992	ug/L	98
23) Bromochloromethane	7.513	128	55258	20.818	ug/L	93
25) Chloroform	7.677	83	222671	22.517	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

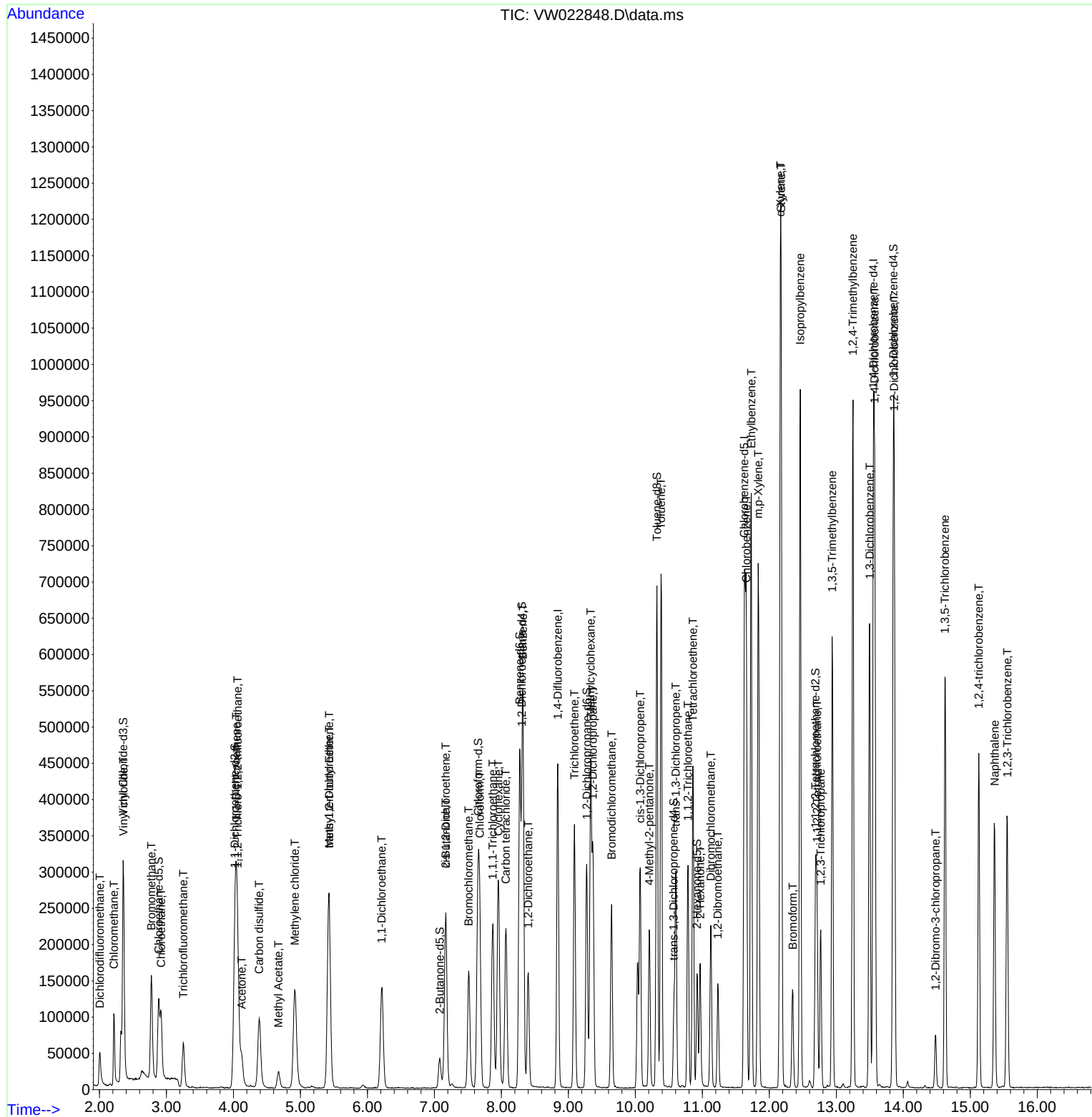
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139372	21.142	ug/L	99
29) Cyclohexane	7.958	56	155838	19.843	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	180831	21.072	ug/L	98
31) Carbon tetrachloride	8.067	117	161680	20.141	ug/L	98
33) Benzene	8.323	78	461222	21.560	ug/L	100
34) Trichloroethene	9.091	95	122768	20.868	ug/L	96
35) Methylcyclohexane	9.335	83	187390	19.389	ug/L	99
37) 1,2-Dichloropropane	9.366	63	111972	21.629	ug/L	100
38) Bromodichloromethane	9.646	83	162970	22.163	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	175275	21.835	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	135414	41.500	ug/L	99
42) Toluene	10.384	91	524643	21.884	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	156297	21.815	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	96166	22.221	ug/L	95
46) Tetrachloroethene	10.859	164	89230	20.182	ug/L	93
48) 2-Hexanone	10.969	43	106360	48.785	ug/L	97
49) Dibromochloromethane	11.128	129	110754	21.264	ug/L	94
50) 1,2-Dibromoethane	11.231	107	88628	20.395	ug/L	99
51) Chlorobenzene	11.658	112	343414	21.728	ug/L	99
52) Ethylbenzene	11.731	91	580293	21.757	ug/L	99
53) m,p-Xylene	11.835	106	231709	22.048	ug/L	96
54) o-Xylene	12.164	106	224698	22.281	ug/L	95
55) Styrene	12.176	104	389358	22.721	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115696	21.404	ug/L	96
59) Bromoform	12.353	173	58794	20.560	ug/L	99
60) Isopropylbenzene	12.463	105	610987	22.103	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	84890	21.055	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	325390	21.158	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	498753	21.599	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	264777	21.454	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	267169	20.958	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	245419	21.731	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17793	20.193	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	164651	20.098	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	132857	20.160	ug/L	100
71) Naphthalene	15.365	128	309864	21.634	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	116690	19.979	ug/L	97

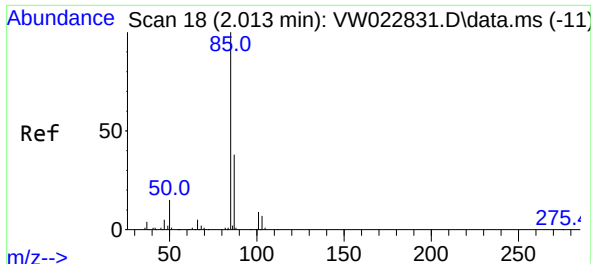
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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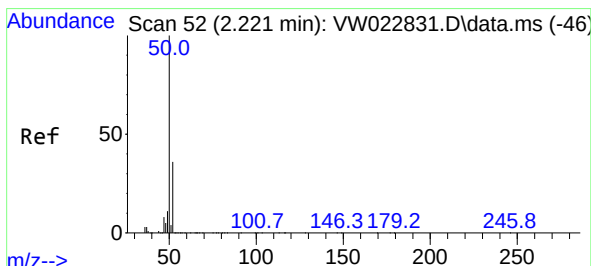
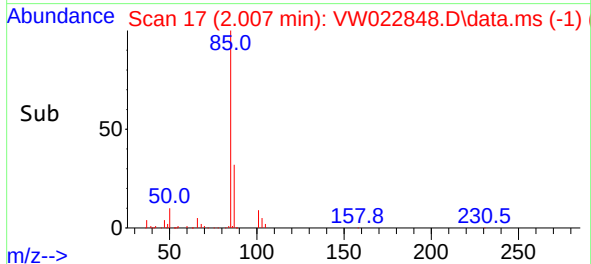
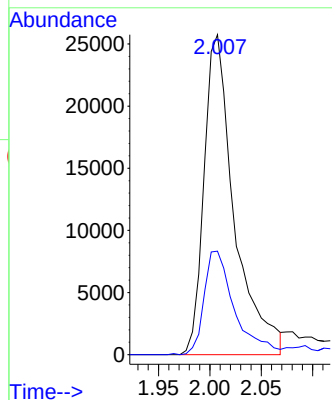
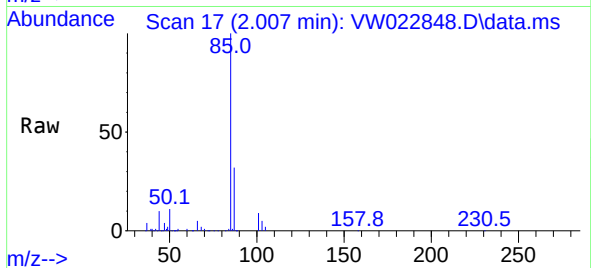




#2
Dichlorodifluoromethane
Concen: 26.434 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

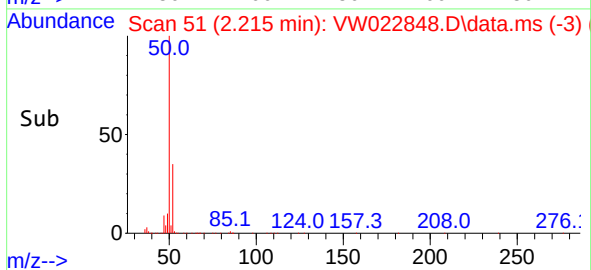
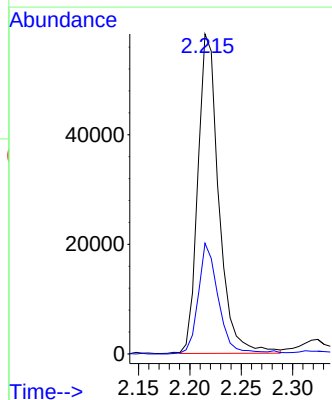
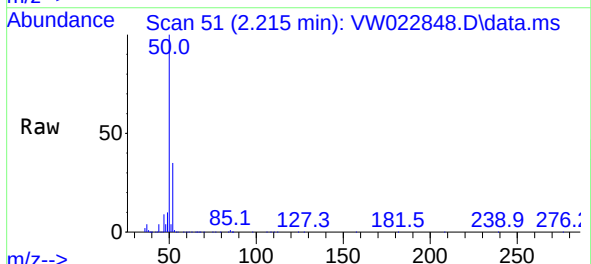
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

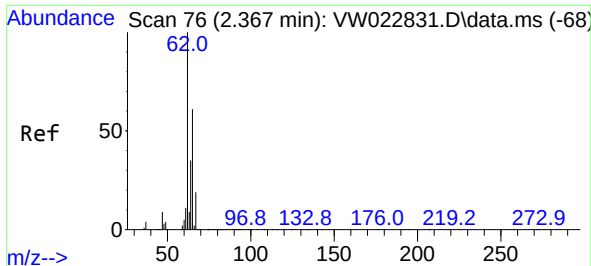
Tgt Ion: 85 Resp: 52757
Ion Ratio Lower Upper
85 100
87 32.5 27.8 41.8



#3
Chloromethane
Concen: 21.450 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 50 Resp: 82726
Ion Ratio Lower Upper
50 100
52 34.6 23.1 42.9

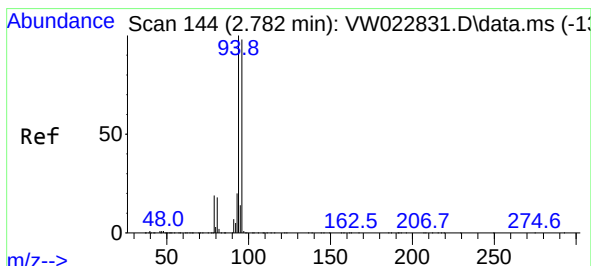
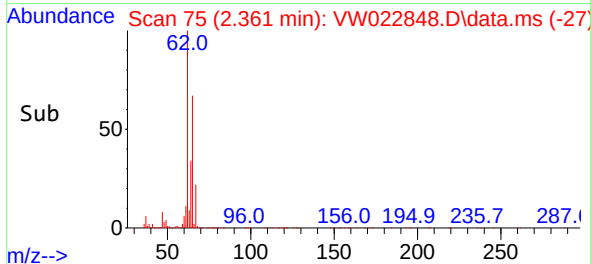
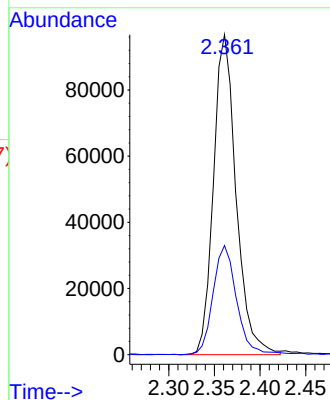
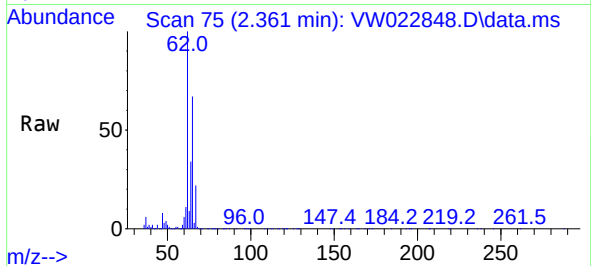




#5
 Vinyl chloride
 Concen: 21.506 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022848.D
 Acq: 05 May 2022 17:38

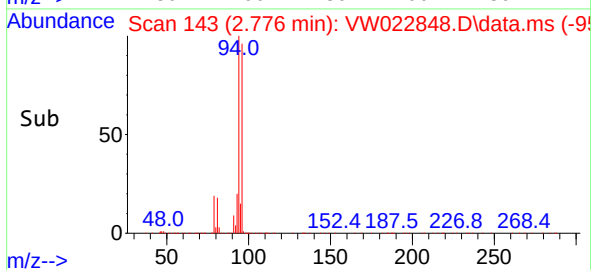
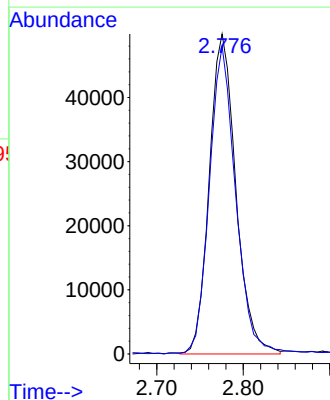
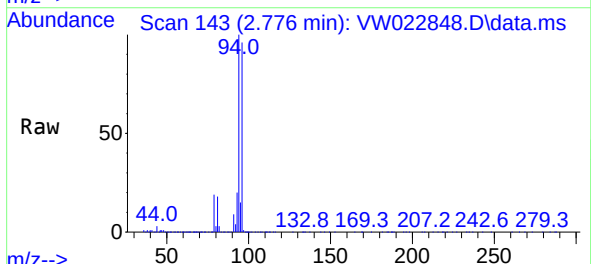
Instrument :
 MSVOA_W
 ClientSampleId :
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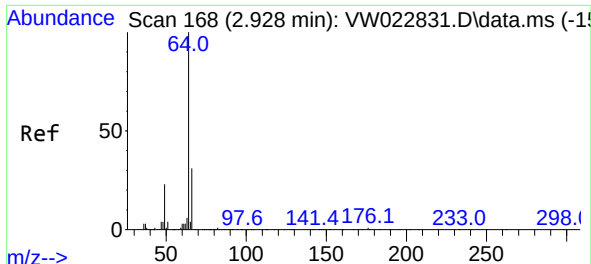
Tgt Ion: 62 Resp: 166458
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.9 46.3



#6
 Bromomethane
 Concen: 21.396 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022848.D
 Acq: 05 May 2022 17:38

Tgt Ion: 94 Resp: 106328
 Ion Ratio Lower Upper
 94 100
 96 96.2 61.7 114.5

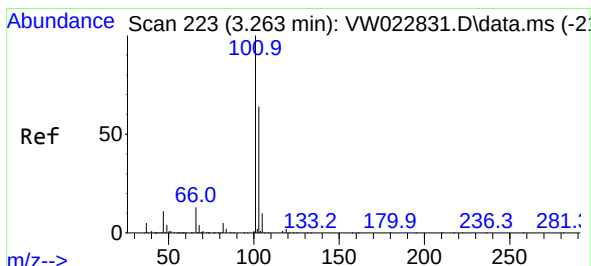
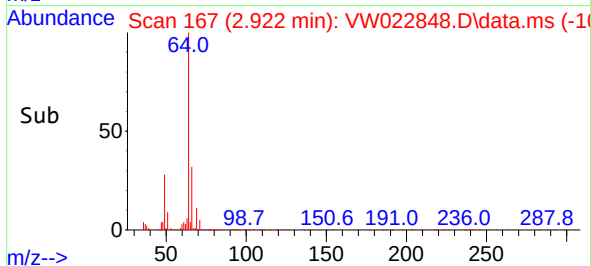
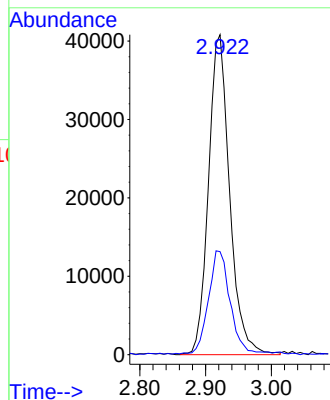
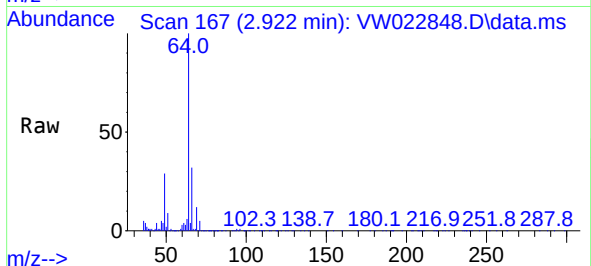




#8
Chloroethane
Concen: 24.468 ug/L
RT: 2.922 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

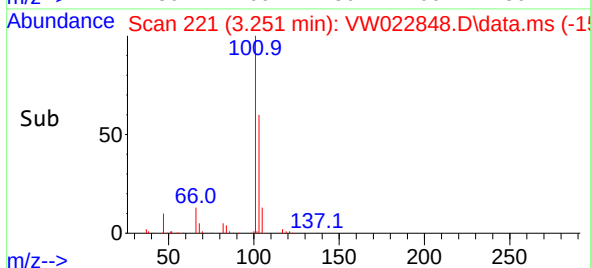
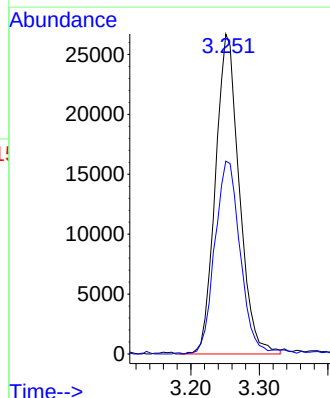
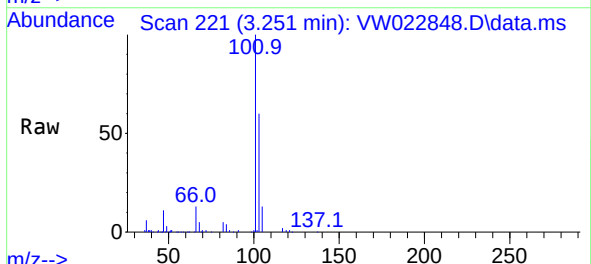
Instrument :
MSVOA_W
ClientSampleId :
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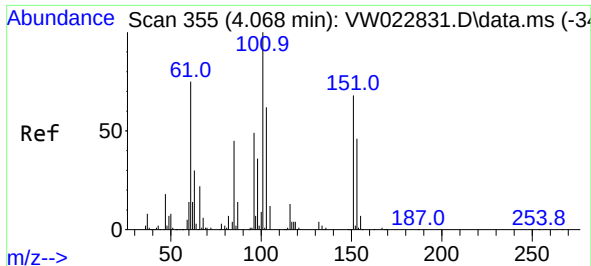
Tgt Ion: 64 Resp: 91343
Ion Ratio Lower Upper
64 100
66 32.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.221 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 101 Resp: 64461
Ion Ratio Lower Upper
101 100
103 63.6 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.886 ug/L

RT: 4.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

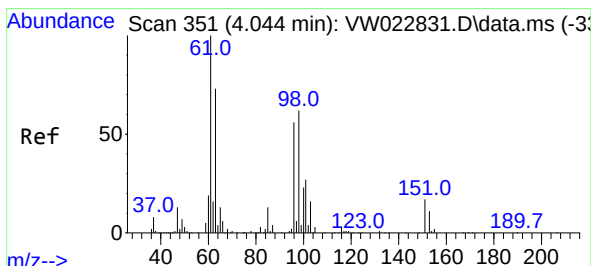
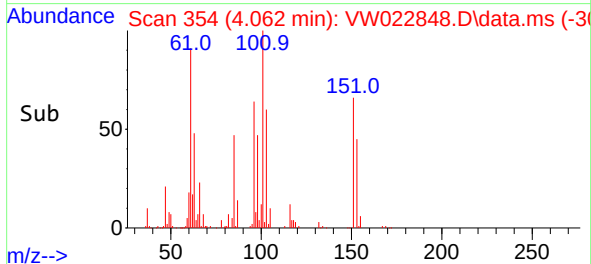
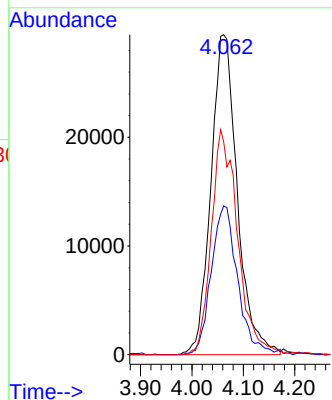
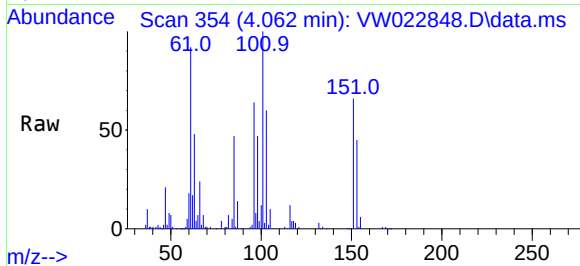
Tgt Ion:101 Resp: 105191

Ion Ratio Lower Upper

101 100

85 45.1 34.3 51.5

151 41.6 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 19.902 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

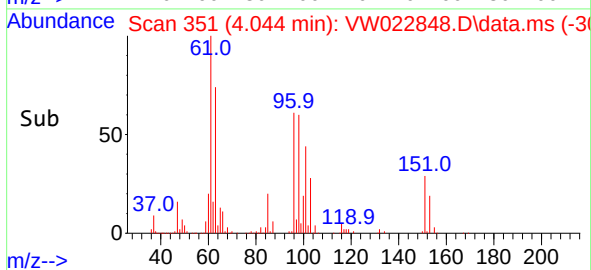
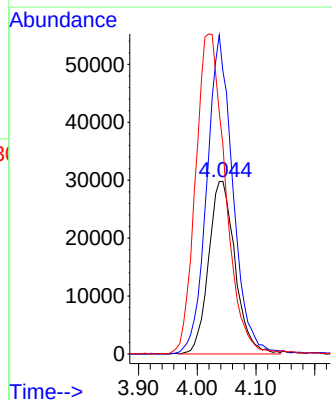
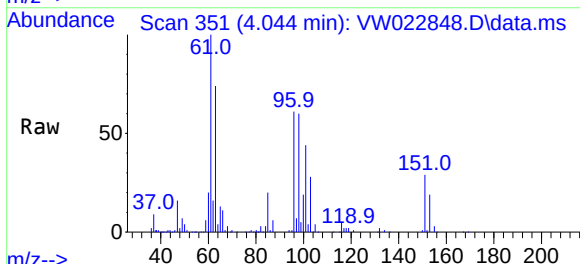
Tgt Ion: 96 Resp: 93322

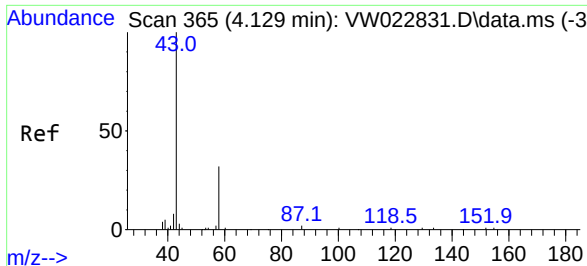
Ion Ratio Lower Upper

96 100

61 163.8 125.7 233.5

63 121.1 83.4 155.0

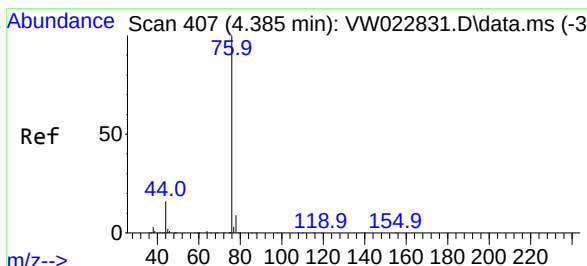
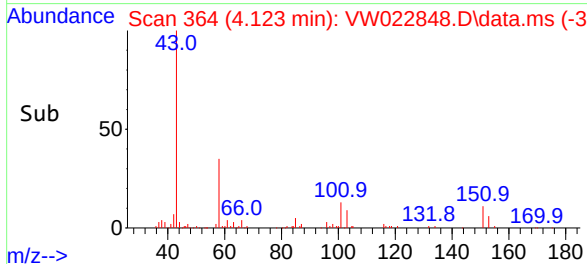
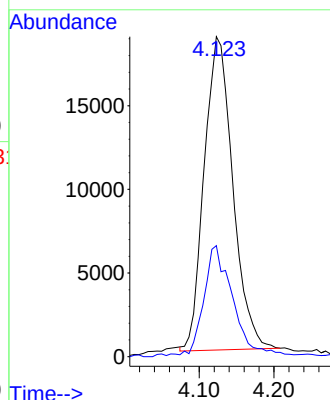
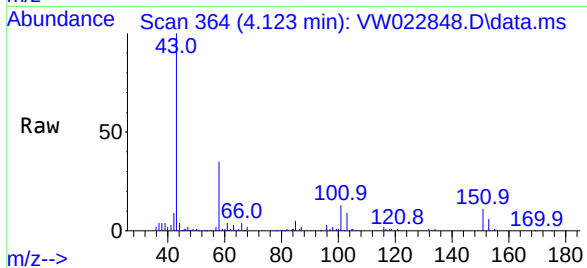




#13
Acetone
Concen: 46.534 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
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Acq: 05 May 2022 17:38

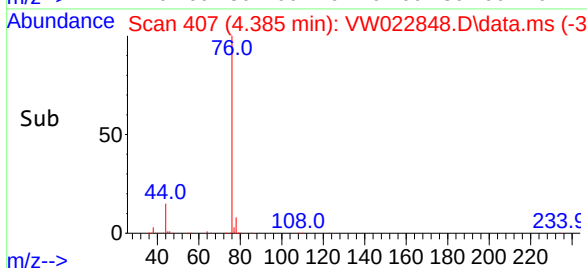
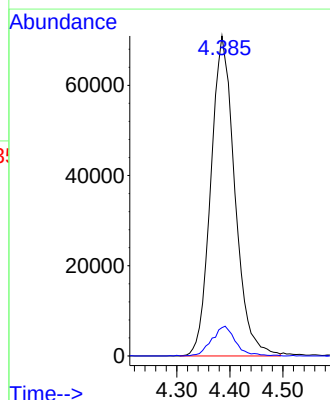
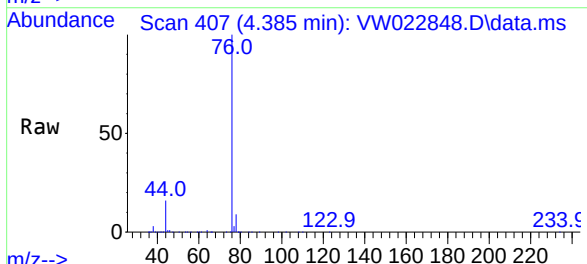
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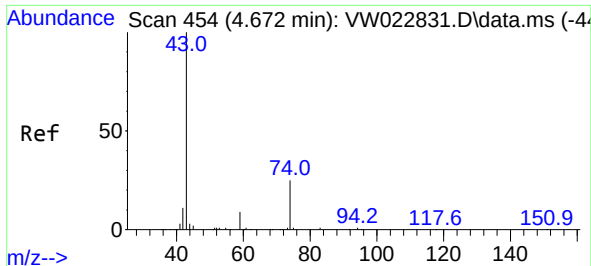
Tgt Ion: 43 Resp: 49756
Ion Ratio Lower Upper
43 100
58 35.7 0.0 64.0



#14
Carbon disulfide
Concen: 17.386 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 223514
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

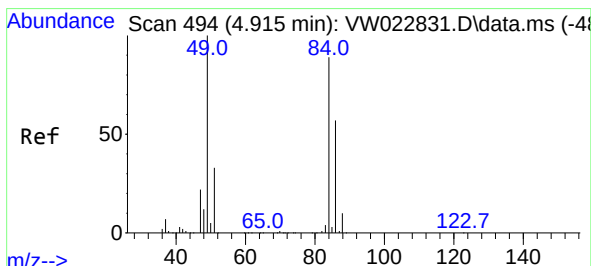
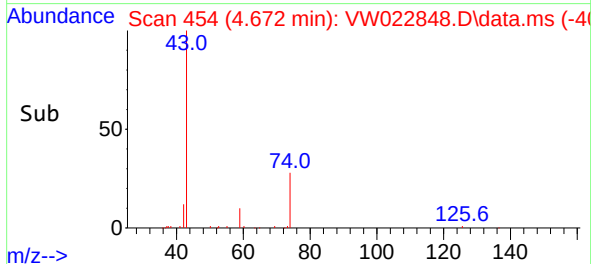
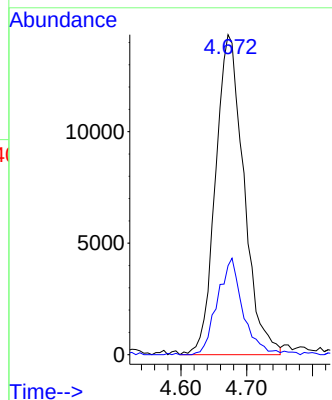
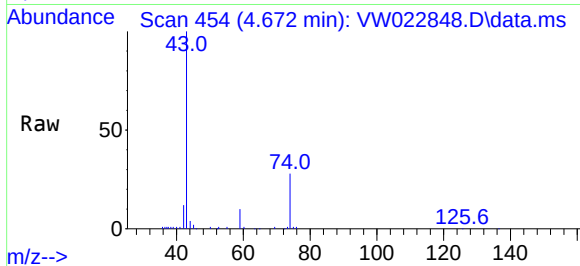




#15
Methyl Acetate
Concen: 20.028 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

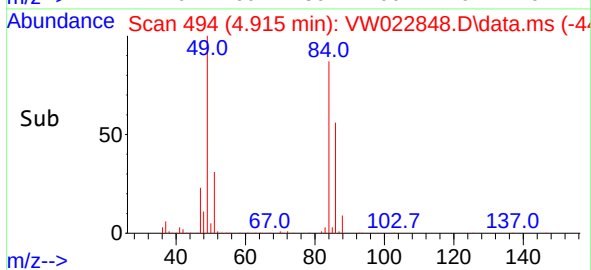
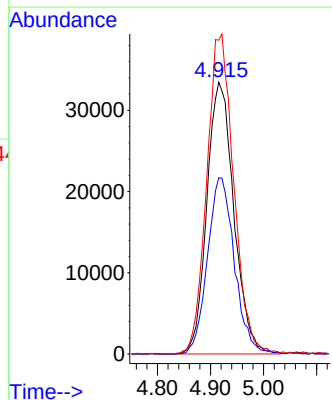
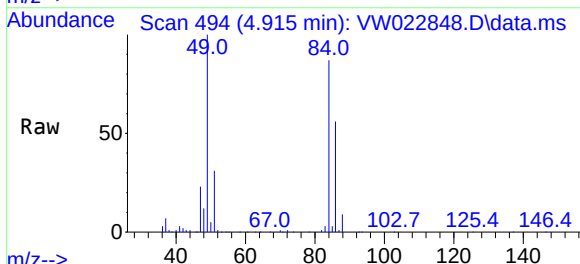
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

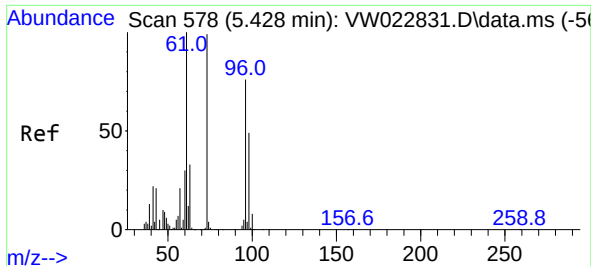
Tgt Ion: 43 Resp: 43022
Ion Ratio Lower Upper
43 100
74 26.7 21.9 32.9



#16
Methylene chloride
Concen: 22.088 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 84 Resp: 118328
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 115.5 82.5 153.1

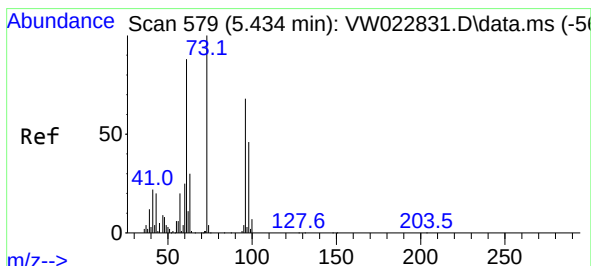
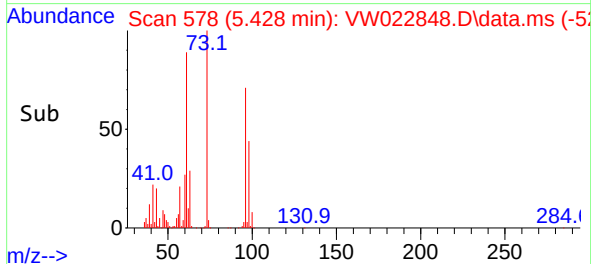
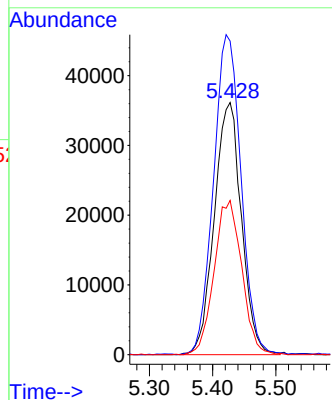
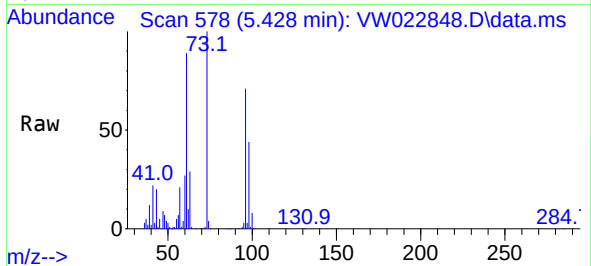




#17
trans-1,2-Dichloroethene
Concen: 20.405 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

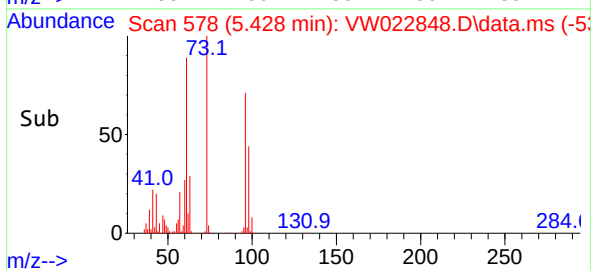
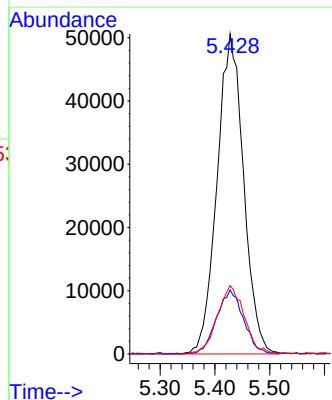
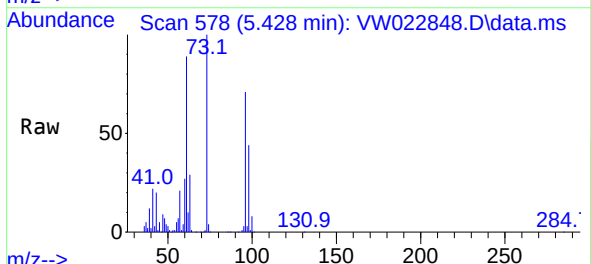
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

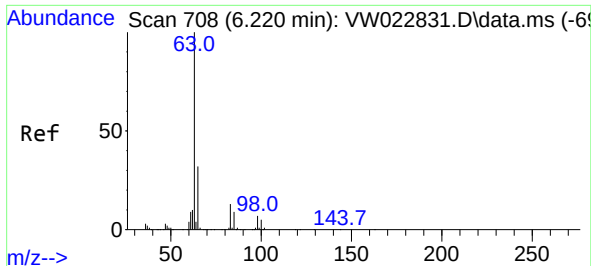
Tgt Ion: 96 Resp: 107674
Ion Ratio Lower Upper
96 100
61 124.4 92.2 171.2
98 61.2 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 21.150 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 73 Resp: 170375
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 21.612 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

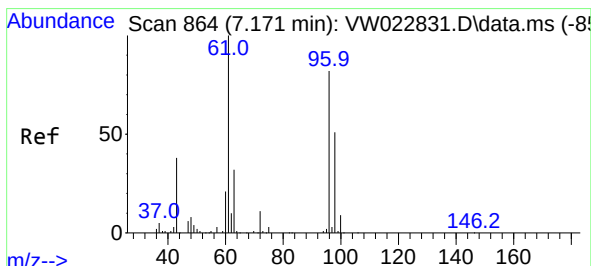
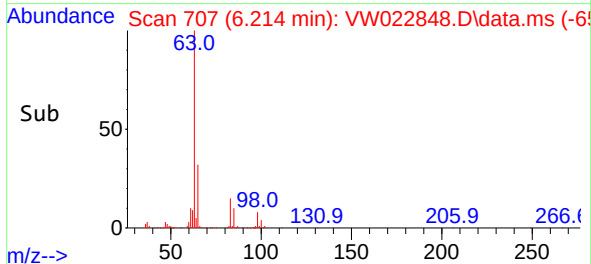
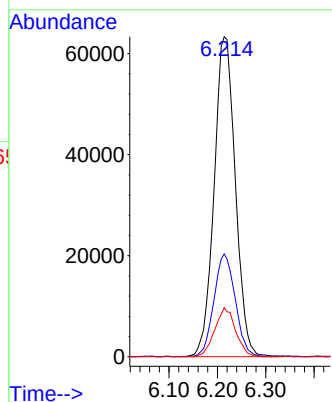
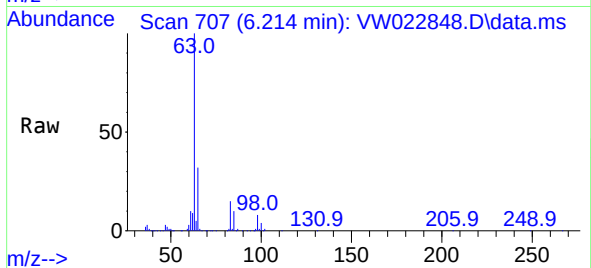
Tgt Ion: 63 Resp: 193286

Ion Ratio Lower Upper

63 100

65 32.1 23.3 43.3

83 15.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 21.234 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

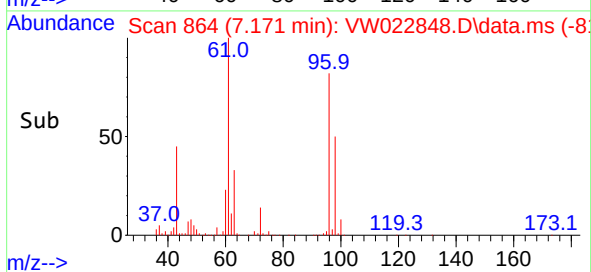
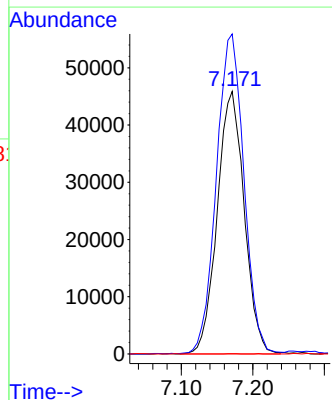
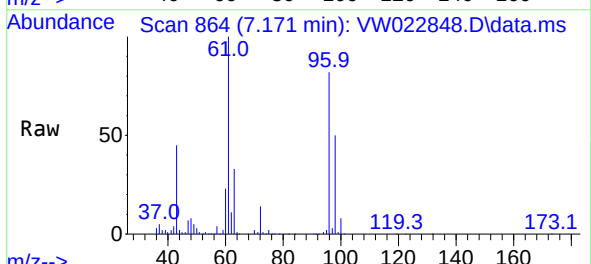
Tgt Ion: 96 Resp: 120350

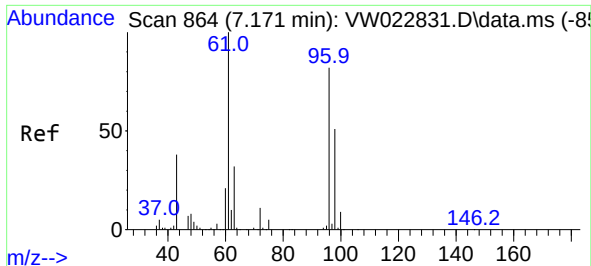
Ion Ratio Lower Upper

96 100

61 121.8 84.2 156.4

68 0.1 0.1 0.1

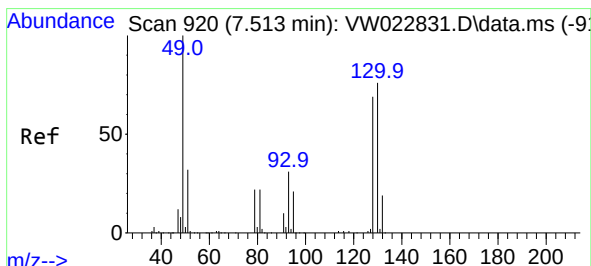
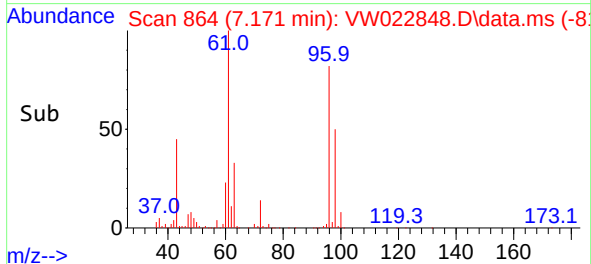
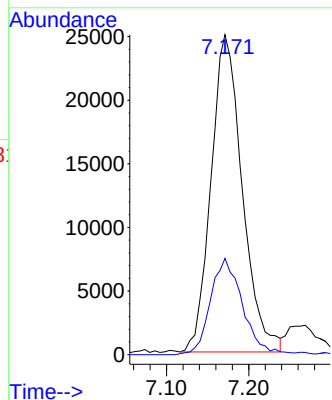
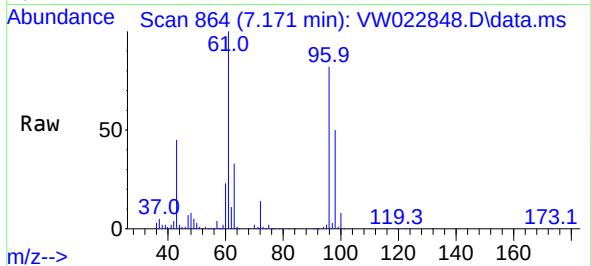




#22
2-Butanone
Concen: 43.992 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

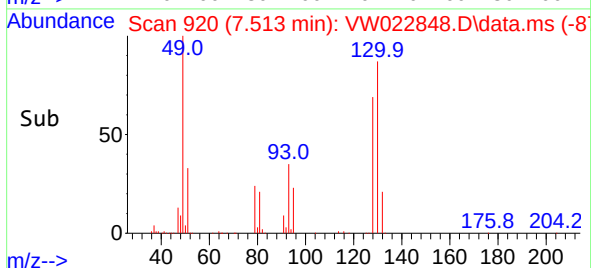
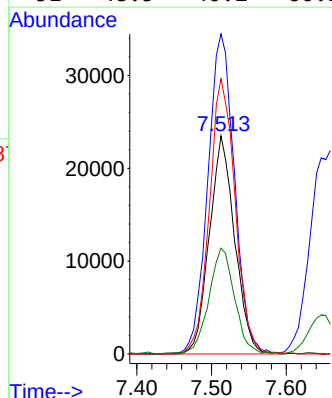
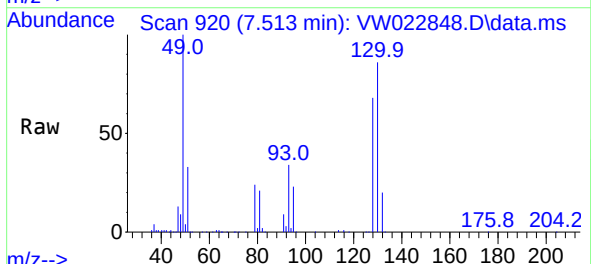
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

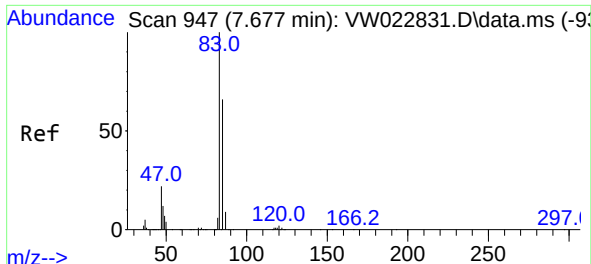
Tgt Ion: 43 Resp: 65782
Ion Ratio Lower Upper
43 100
72 31.1 15.1 45.3



#23
Bromochloromethane
Concen: 20.818 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 128 Resp: 55258
Ion Ratio Lower Upper
128 100
49 146.8 110.0 204.4
130 126.2 94.8 176.0
51 48.5 40.2 60.2

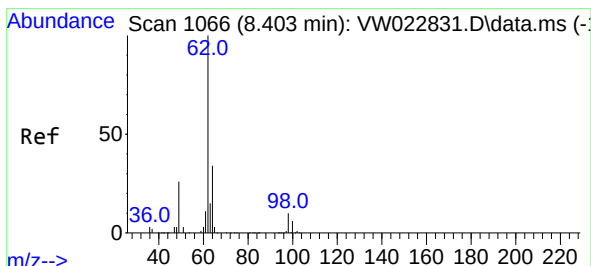
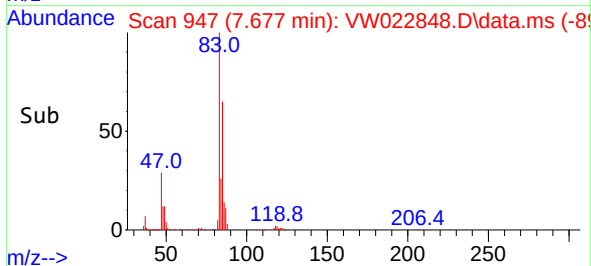
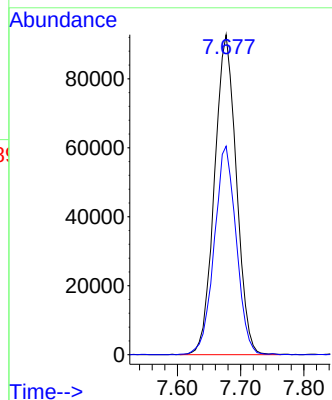
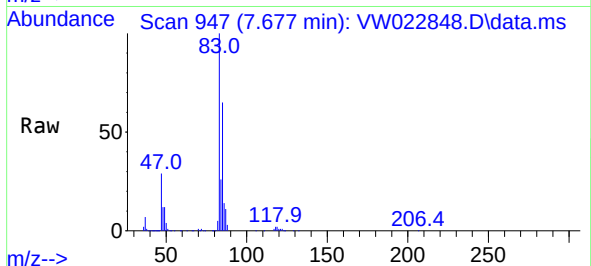




#25
Chloroform
Concen: 22.517 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

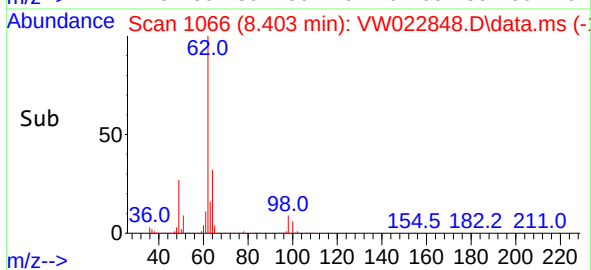
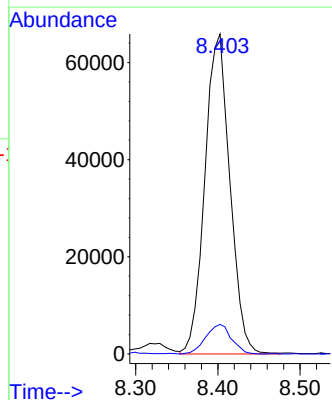
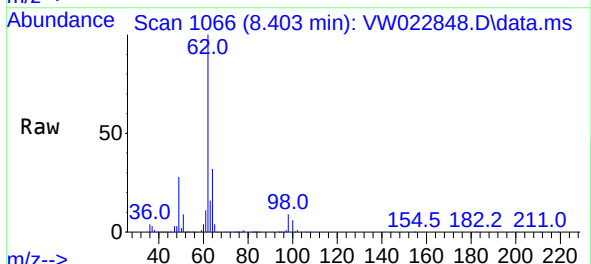
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

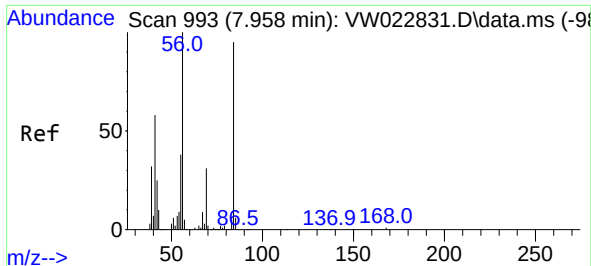
Tgt Ion: 83 Resp: 222671
Ion Ratio Lower Upper
83 100
85 65.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 21.142 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 62 Resp: 139372
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 19.843 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

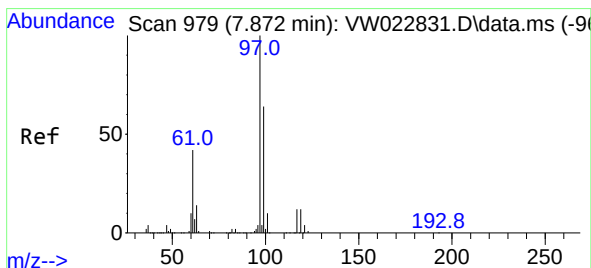
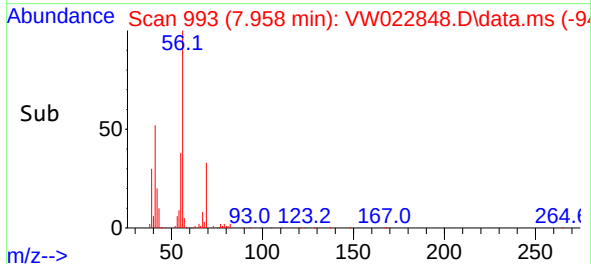
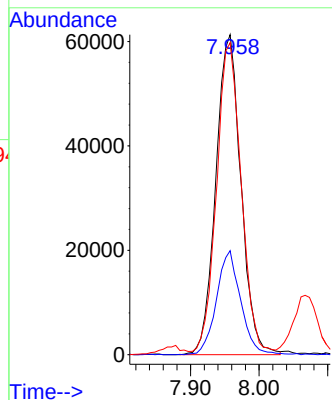
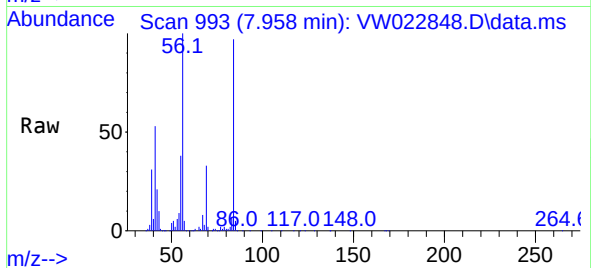
Tgt Ion: 56 Resp: 155838

Ion Ratio Lower Upper

56 100

69 31.3 25.6 38.4

84 96.5 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 21.072 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

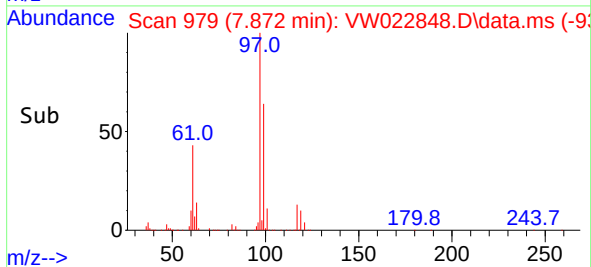
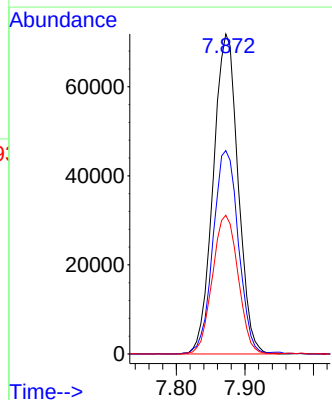
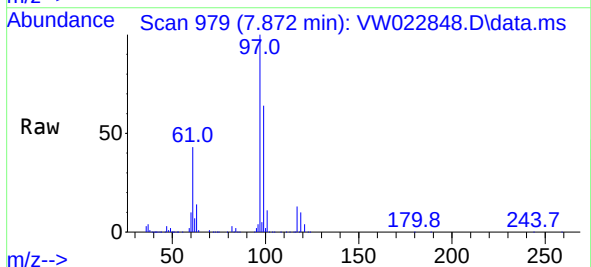
Tgt Ion: 97 Resp: 180831

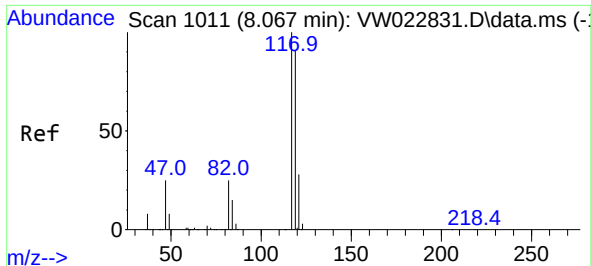
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 44.8 34.8 52.2

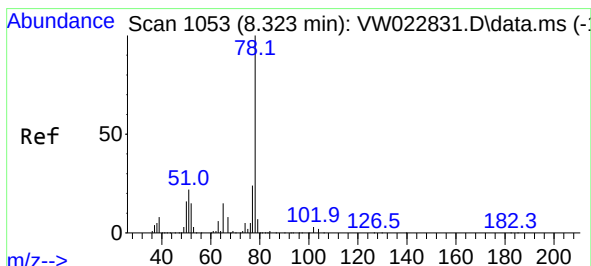
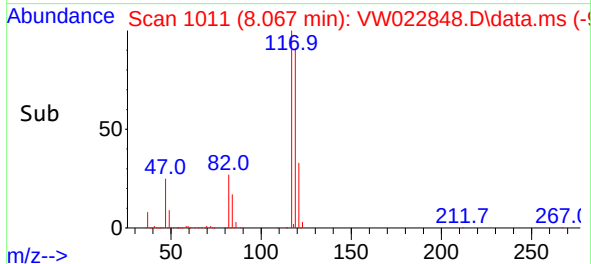
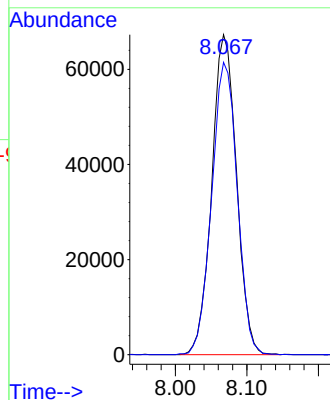
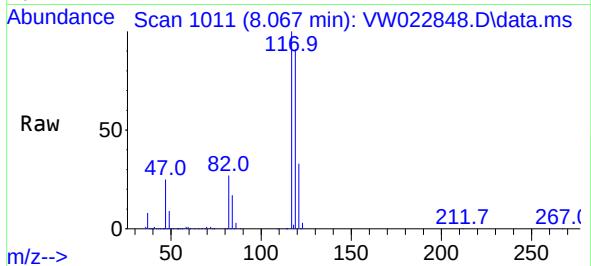




#31
Carbon tetrachloride
Concen: 20.141 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

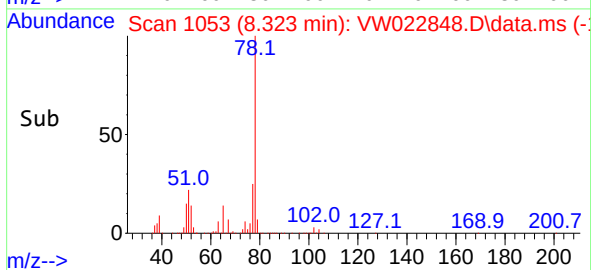
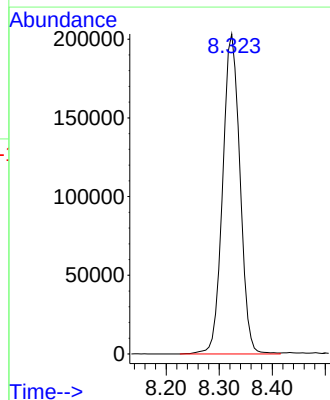
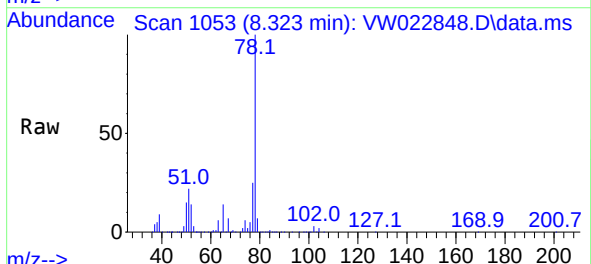
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

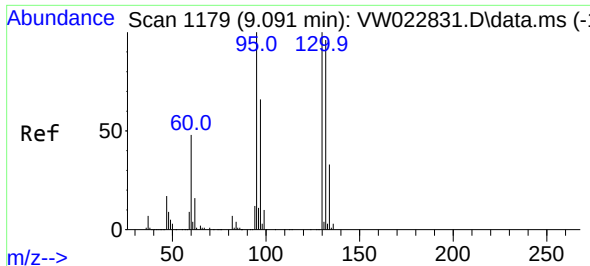
Tgt Ion:117 Resp: 161680
Ion Ratio Lower Upper
117 100
119 94.3 76.6 115.0



#33
Benzene
Concen: 21.560 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 78 Resp: 461222

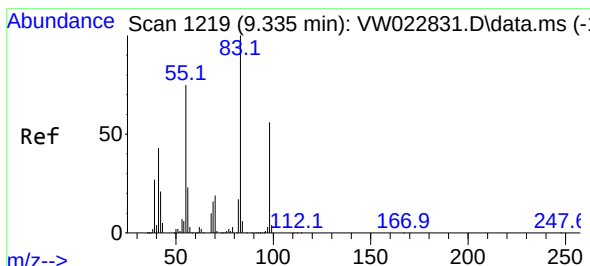
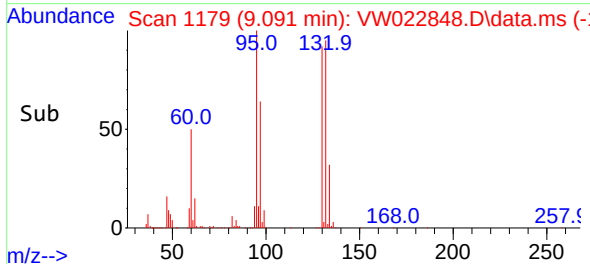
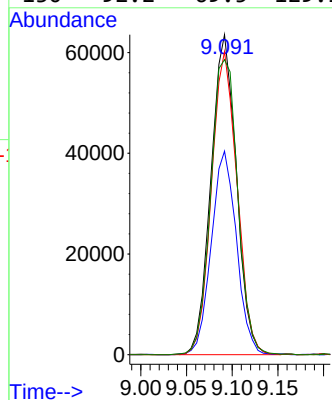
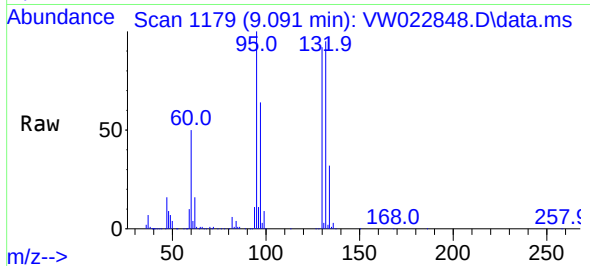




#34
Trichloroethene
Concen: 20.868 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

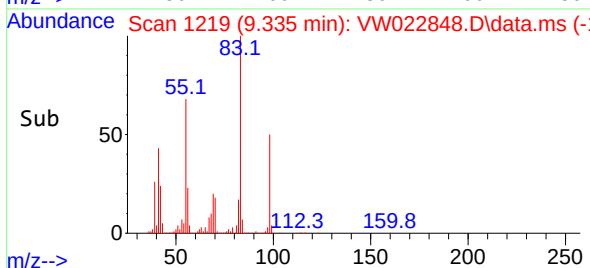
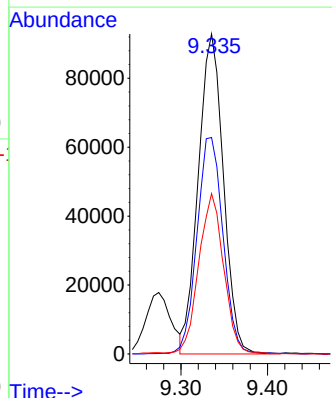
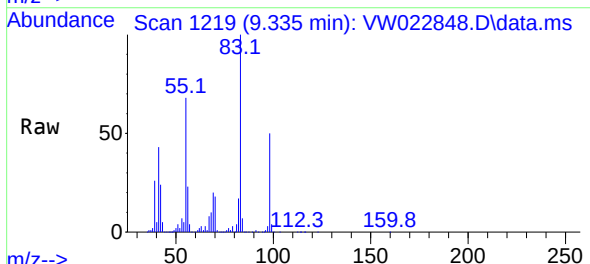
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

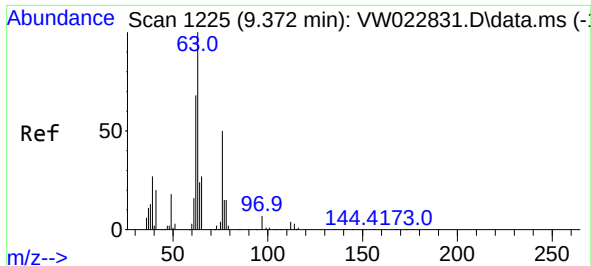
Tgt Ion: 95 Resp: 122768
Ion Ratio Lower Upper
95 100
97 63.6 46.1 85.7
132 94.8 66.9 124.3
130 92.2 69.5 129.1



#35
Methylcyclohexane
Concen: 19.389 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 83 Resp: 187390
Ion Ratio Lower Upper
83 100
55 69.9 55.1 82.7
98 49.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 21.629 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

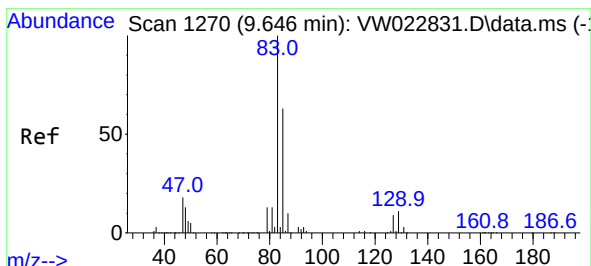
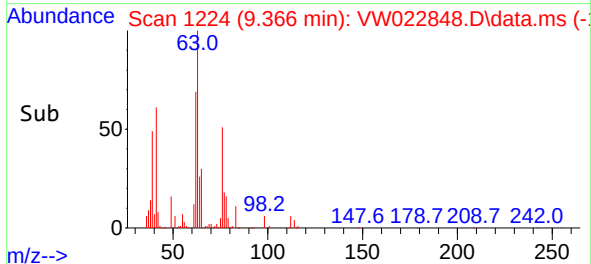
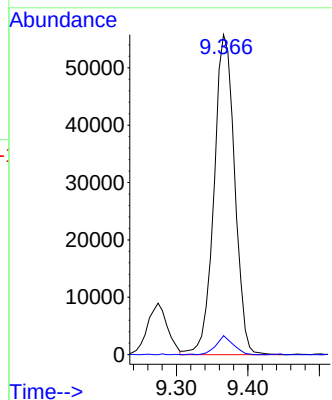
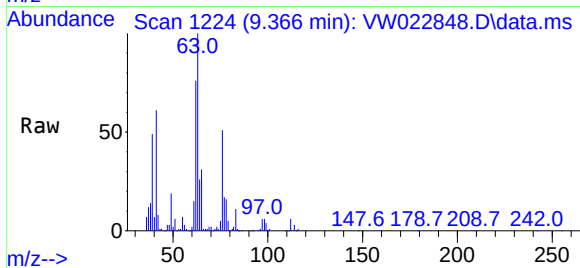
EXL30MS

Tgt Ion: 63 Resp: 111972

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 22.163 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

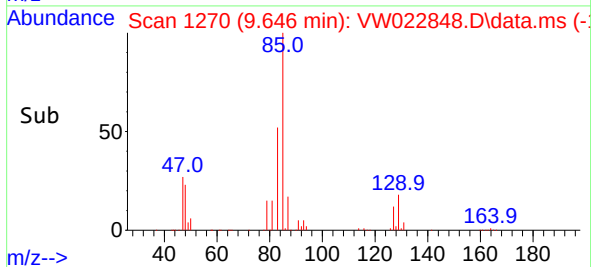
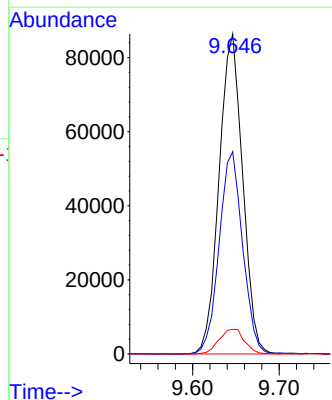
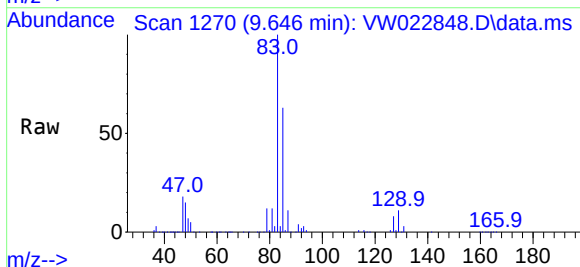
Tgt Ion: 83 Resp: 162970

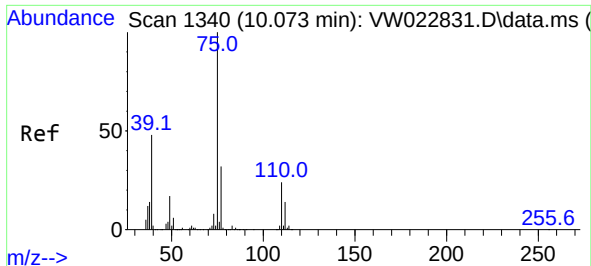
Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.7

127 7.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 21.835 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

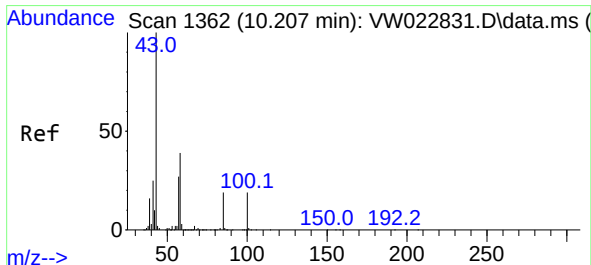
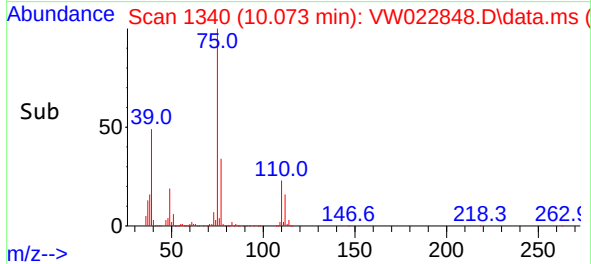
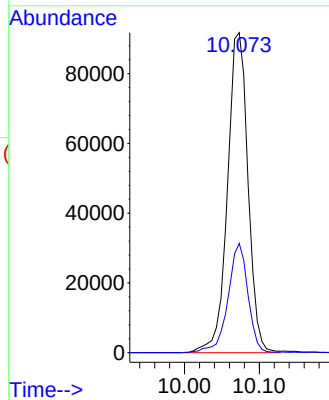
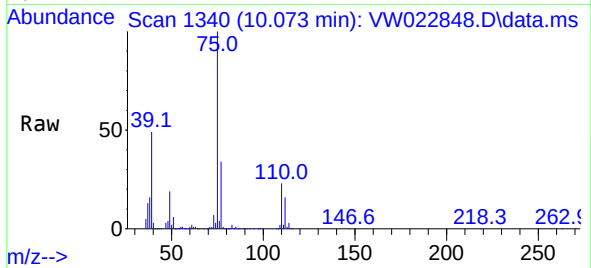
EXL30MS

Tgt Ion: 75 Resp: 175275

Ion Ratio Lower Upper

75 100

77 34.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 41.500 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

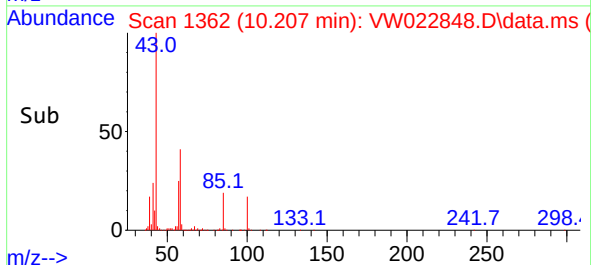
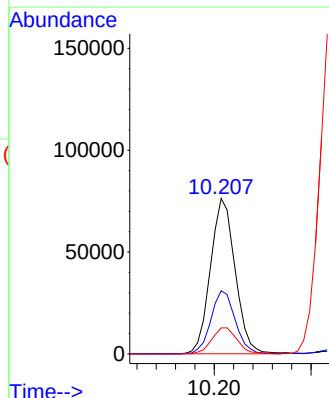
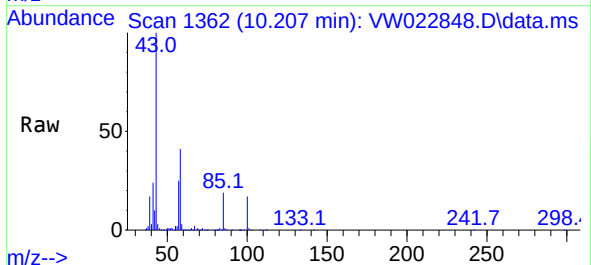
Tgt Ion: 43 Resp: 135414

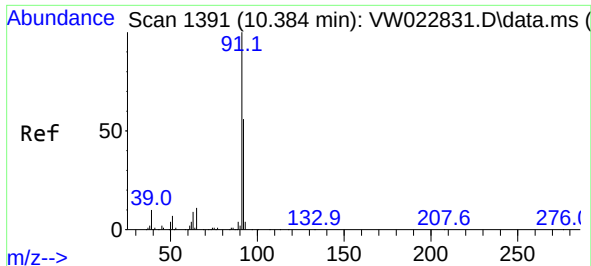
Ion Ratio Lower Upper

43 100

58 40.2 31.4 47.2

100 17.4 14.2 21.4

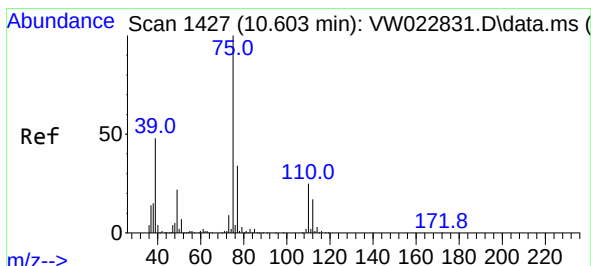
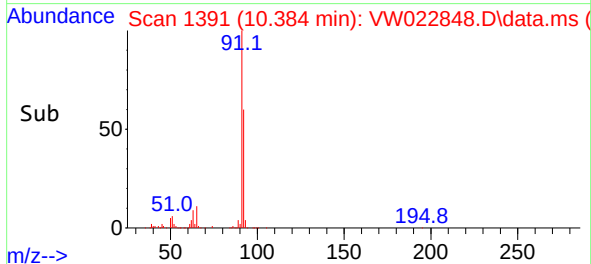
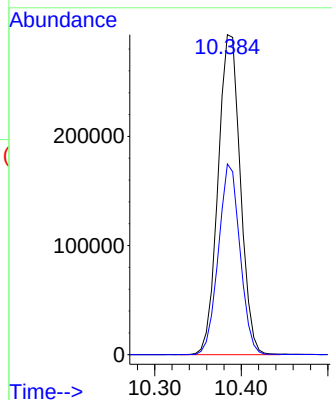
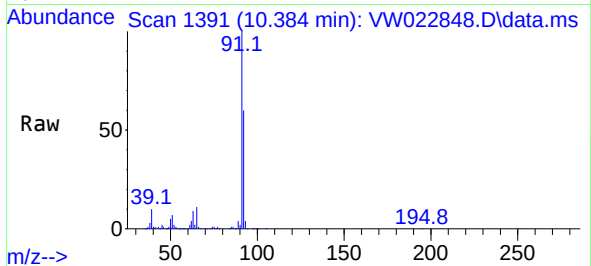




#42
Toluene
Concen: 21.884 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

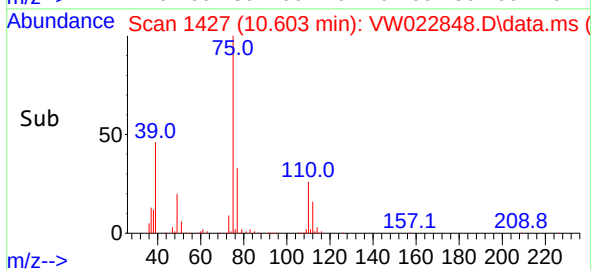
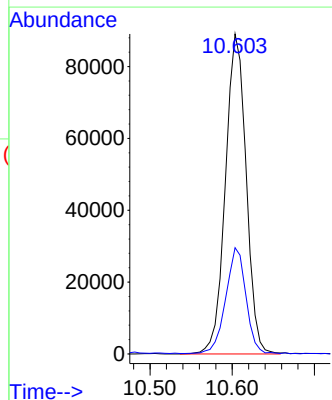
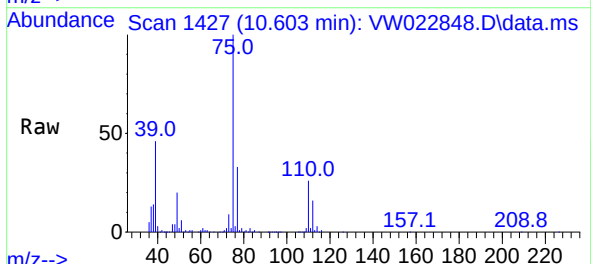
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

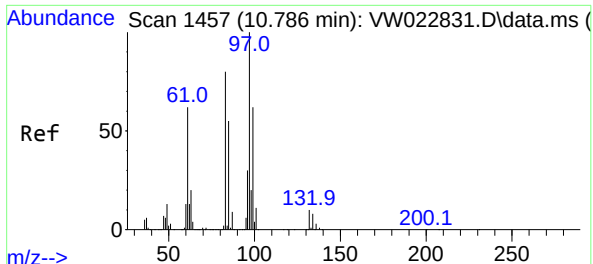
Tgt Ion: 91 Resp: 524643
Ion Ratio Lower Upper
91 100
92 59.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 21.815 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 75 Resp: 156297
Ion Ratio Lower Upper
75 100
77 33.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.221 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

Tgt Ion: 97 Resp: 96166

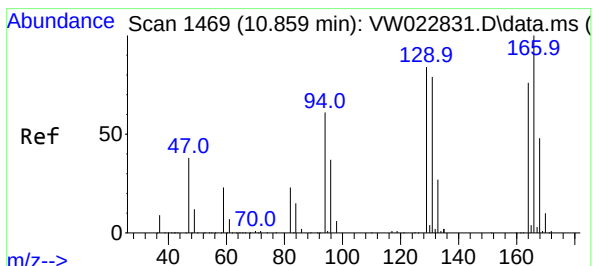
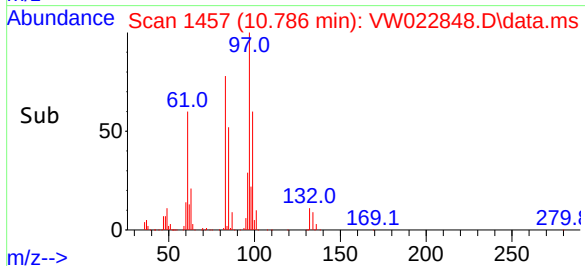
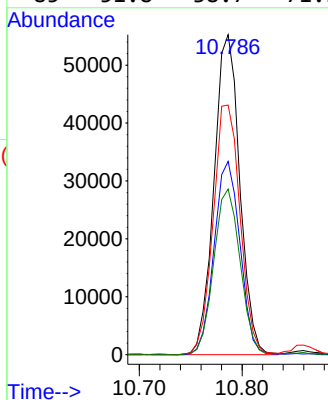
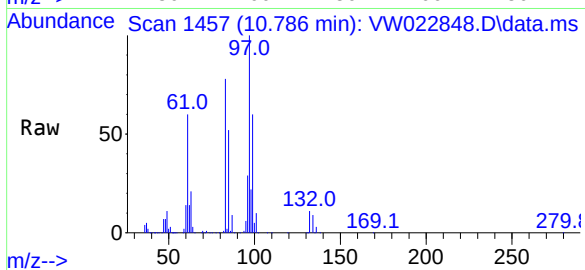
Ion Ratio Lower Upper

97 100

99 60.4 44.7 82.9

83 78.0 58.4 108.4

85 51.8 38.7 71.9



#46

Tetrachloroethene

Concen: 20.182 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Tgt Ion:164 Resp: 89230

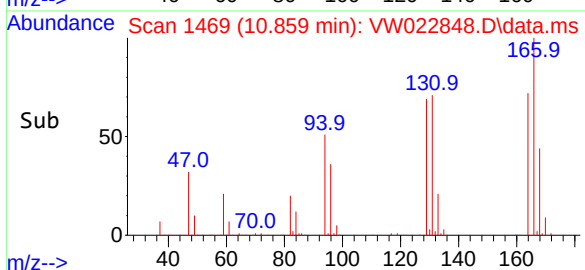
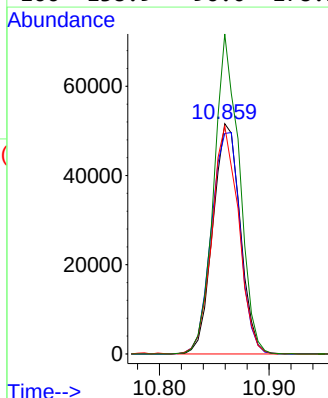
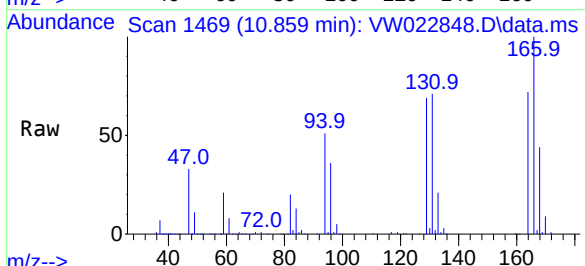
Ion Ratio Lower Upper

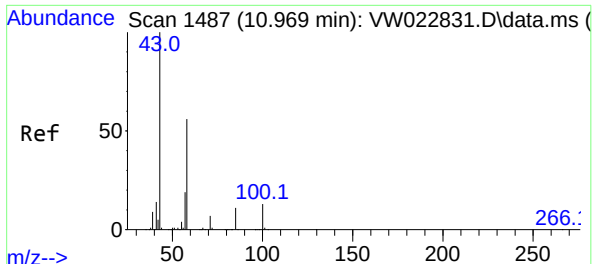
164 100

129 95.7 76.9 142.7

131 99.0 75.1 139.5

166 138.9 96.0 178.2





#48

2-Hexanone

Concen: 48.785 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

Tgt Ion: 43 Resp: 106360

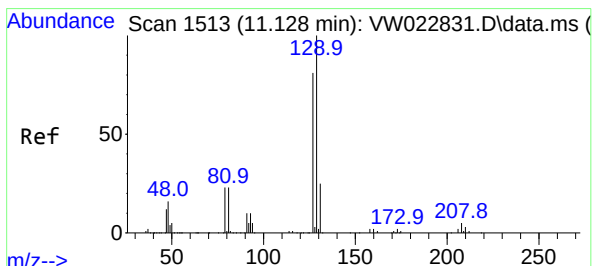
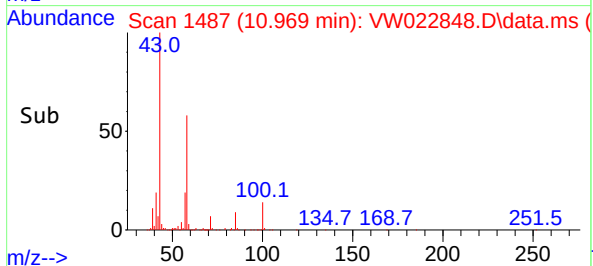
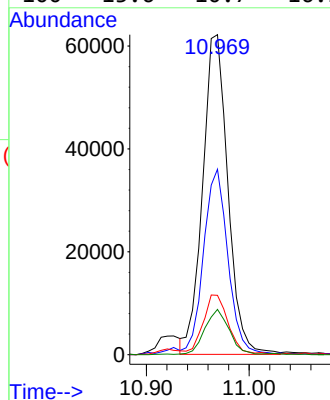
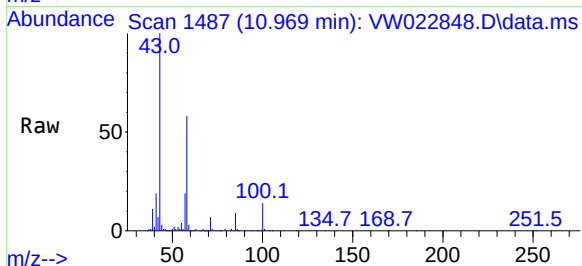
Ion Ratio Lower Upper

43 100

58 55.3 45.9 68.9

57 18.7 16.2 24.2

100 13.6 10.7 16.1



#49

Dibromochloromethane

Concen: 21.264 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022848.D

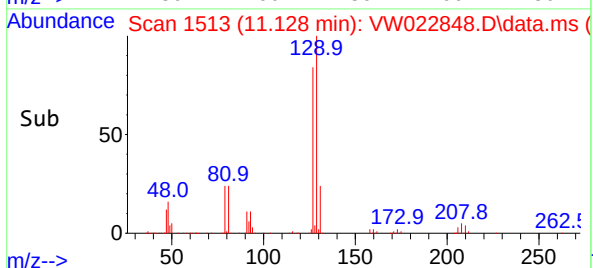
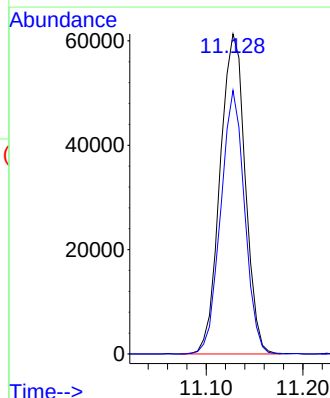
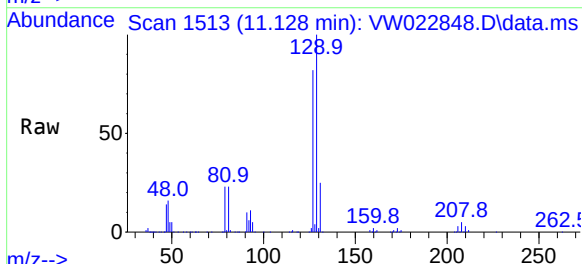
Acq: 05 May 2022 17:38

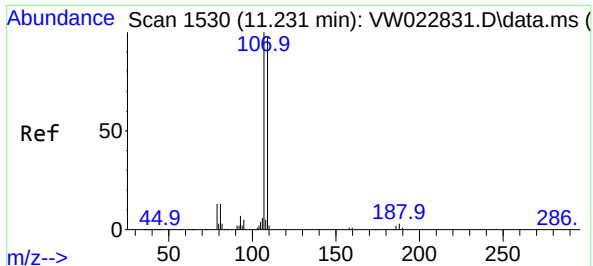
Tgt Ion:129 Resp: 110754

Ion Ratio Lower Upper

129 100

127 82.3 53.8 100.0





#50

1,2-Dibromoethane

Concen: 20.395 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

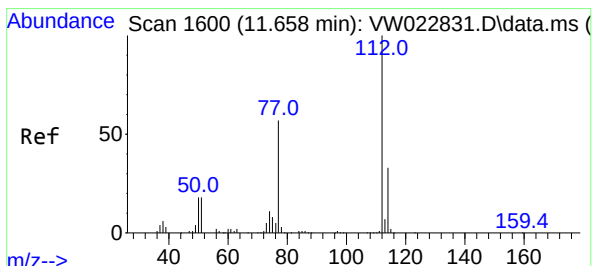
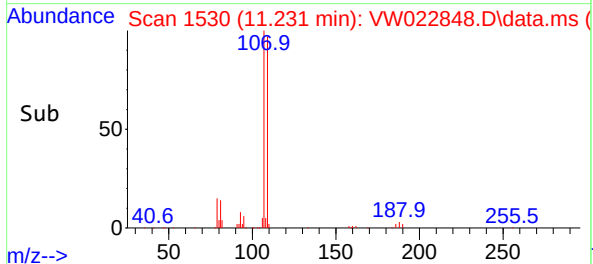
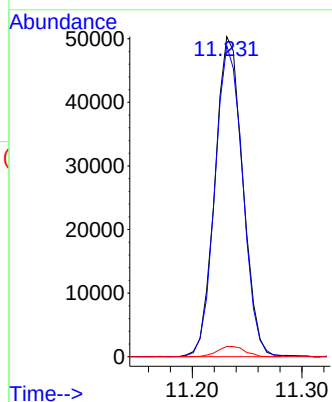
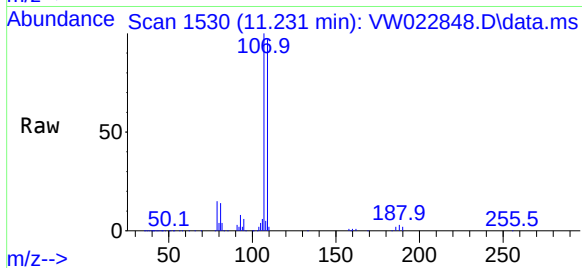
Tgt Ion:107 Resp: 88628

Ion Ratio Lower Upper

107 100

109 97.2 67.5 125.4

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 21.728 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

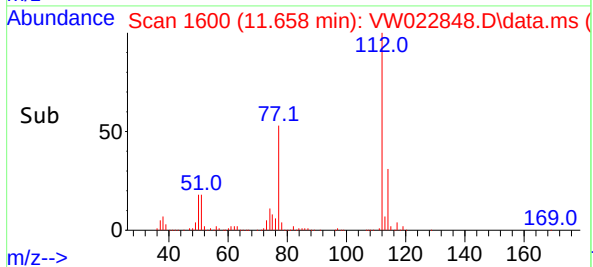
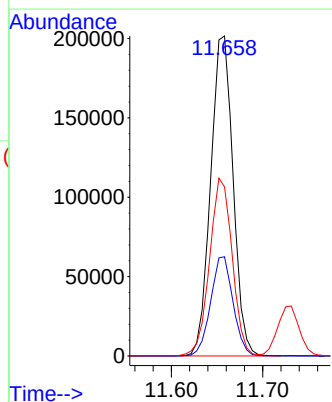
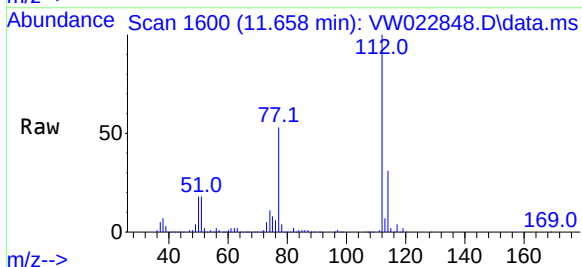
Tgt Ion:112 Resp: 343414

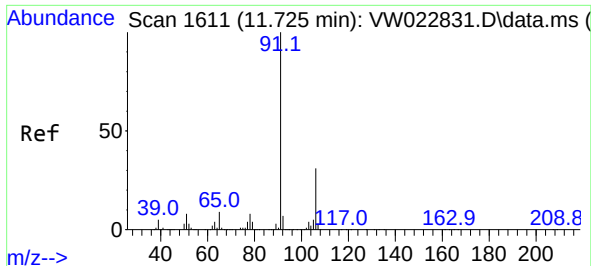
Ion Ratio Lower Upper

112 100

114 31.0 22.0 41.0

77 52.8 42.6 63.8

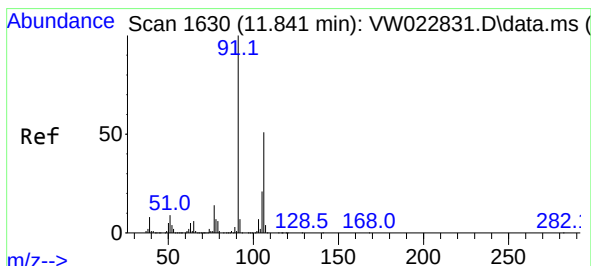
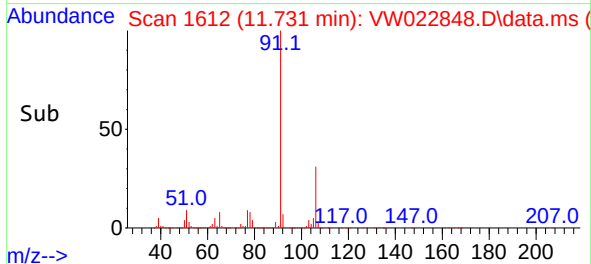
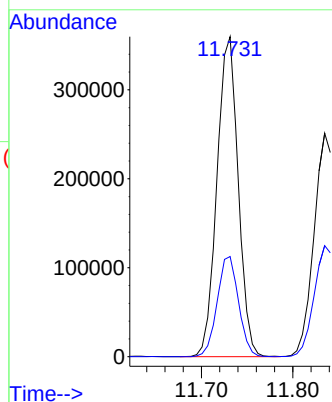
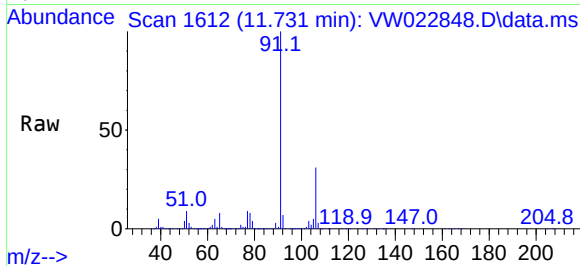




#52
Ethylbenzene
Concen: 21.757 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

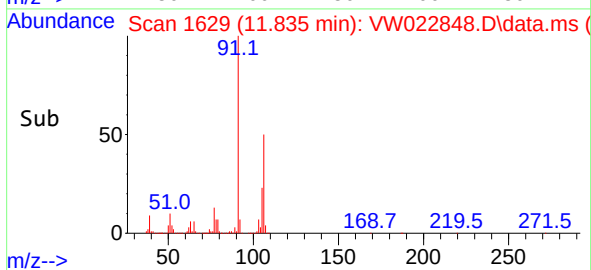
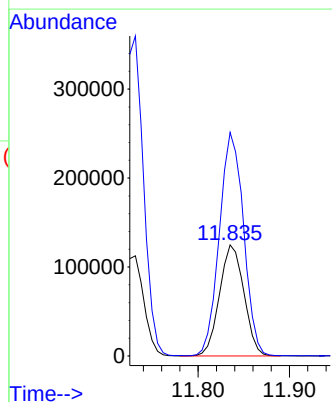
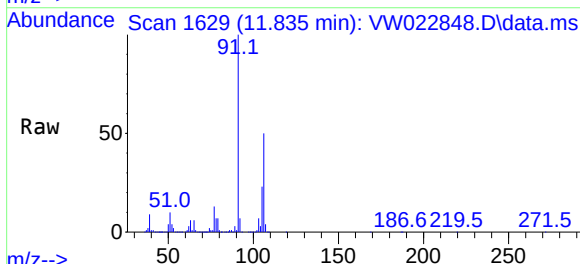
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

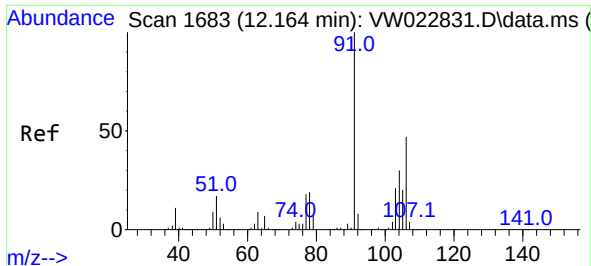
Tgt Ion: 91 Resp: 580293
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 22.048 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 106 Resp: 231709
Ion Ratio Lower Upper
106 100
91 201.3 136.8 254.0

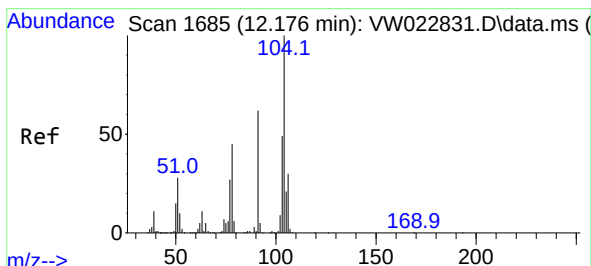
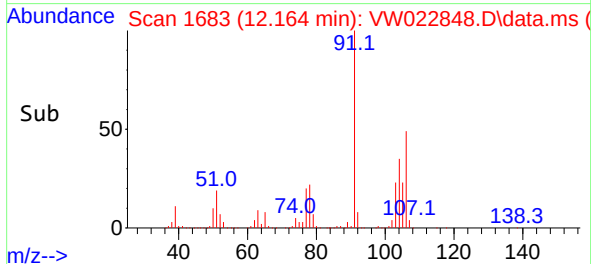
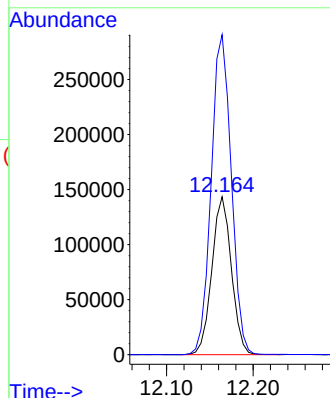
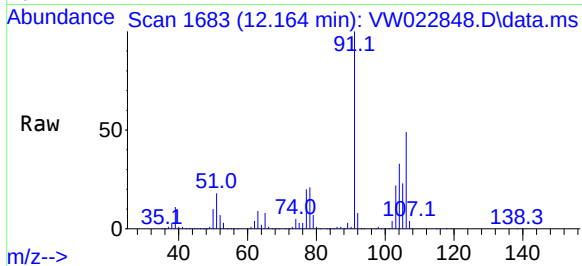




#54
o-Xylene
Concen: 22.281 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

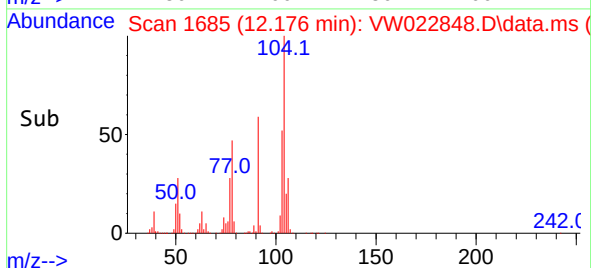
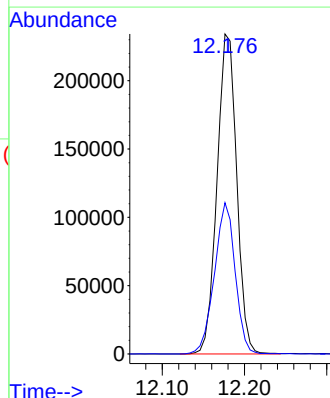
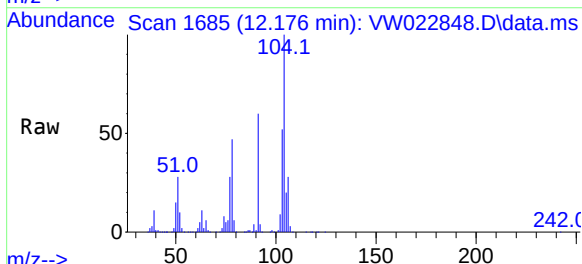
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

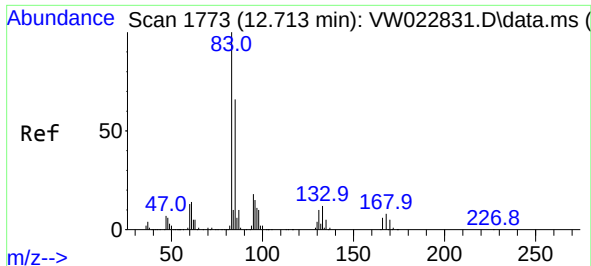
Tgt Ion:106 Resp: 224698
Ion Ratio Lower Upper
106 100
91 202.6 147.2 273.4



#55
Styrene
Concen: 22.721 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion:104 Resp: 389358
Ion Ratio Lower Upper
104 100
78 47.3 32.3 59.9

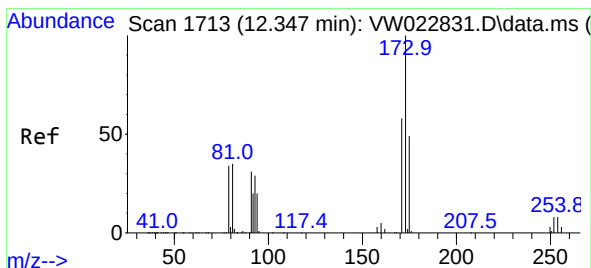
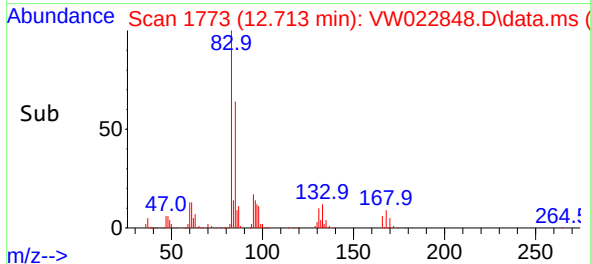
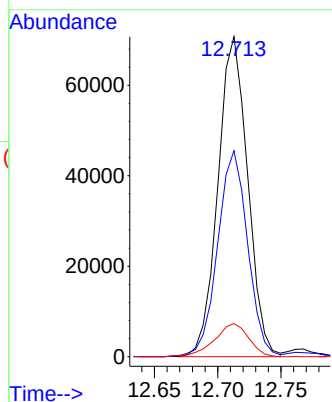
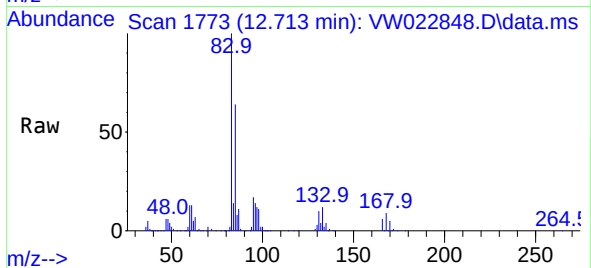




#57
1,1,2,2-Tetrachloroethane
Concen: 21.404 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

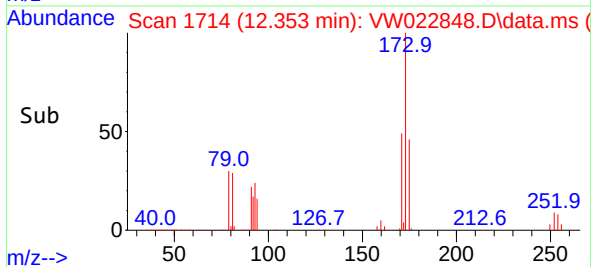
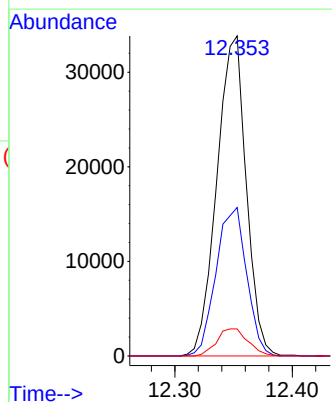
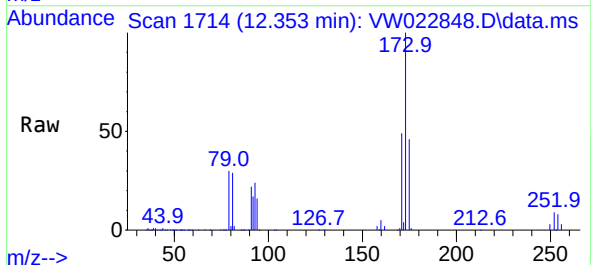
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

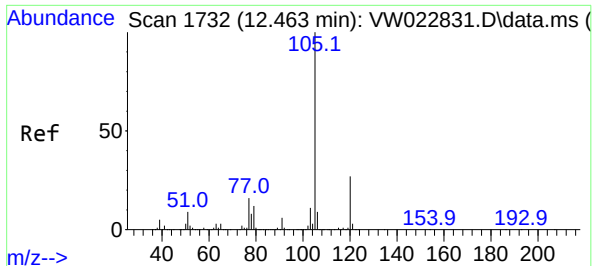
Tgt Ion: 83 Resp: 115696
Ion Ratio Lower Upper
83 100
85 64.4 47.5 88.1
131 10.4 8.7 13.1



#59
Bromoform
Concen: 20.560 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 173 Resp: 58794
Ion Ratio Lower Upper
173 100
175 48.3 38.1 57.1
254 9.0 6.5 9.7

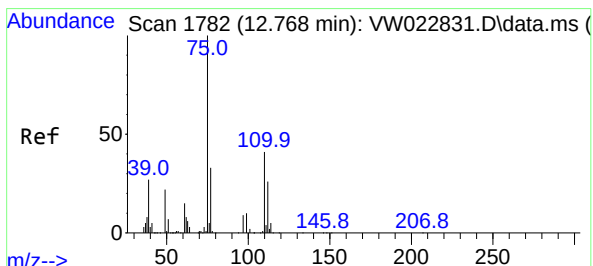
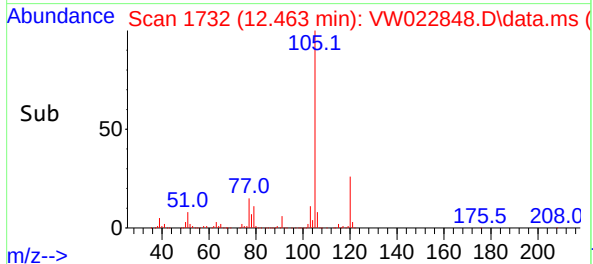
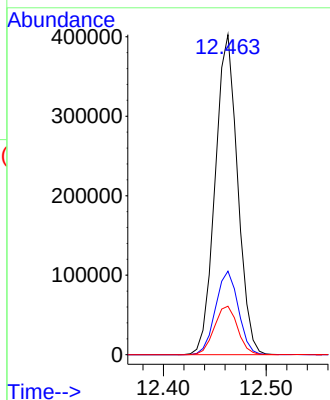
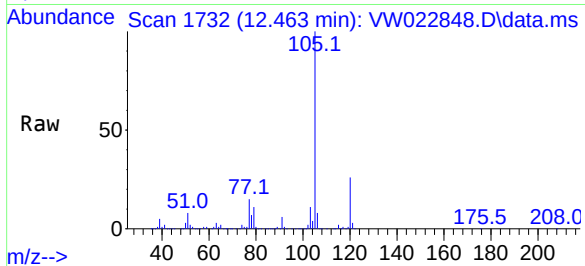




#60
Isopropylbenzene
Concen: 22.103 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

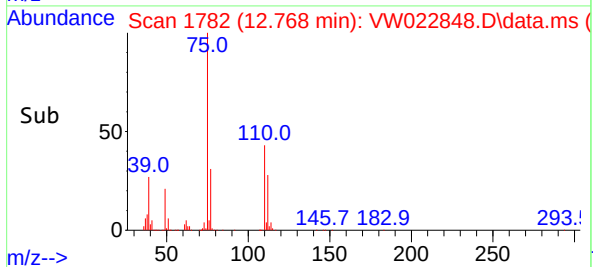
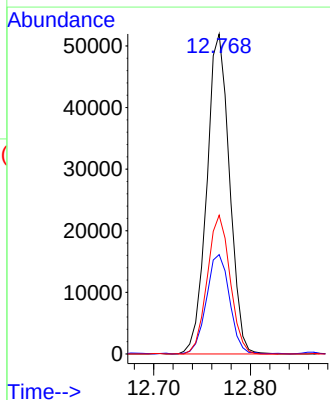
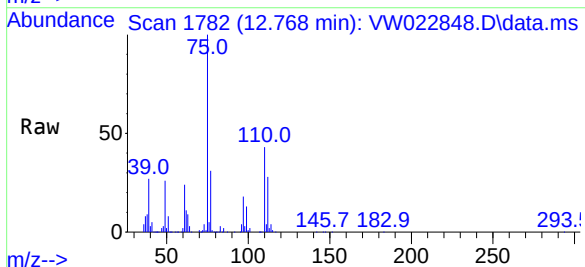
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

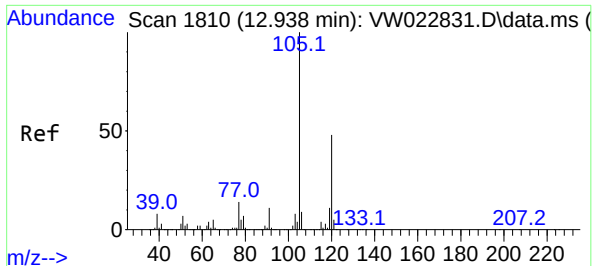
Tgt Ion:105 Resp: 610987
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.055 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion: 75 Resp: 84890
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 43.4 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 21.158 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

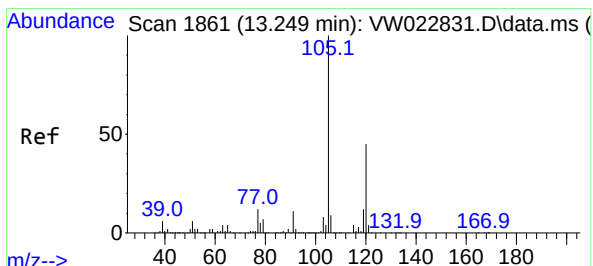
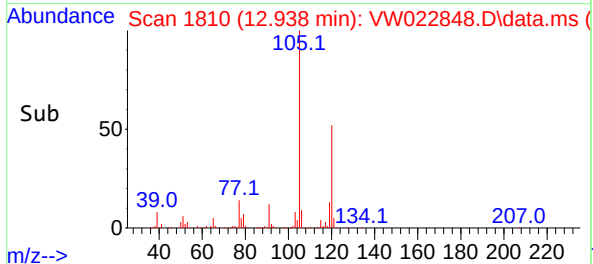
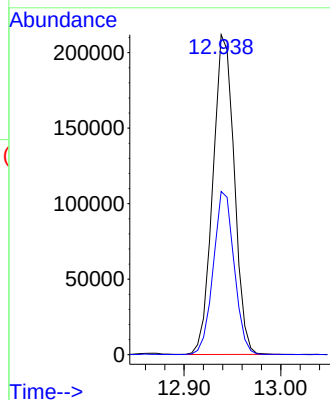
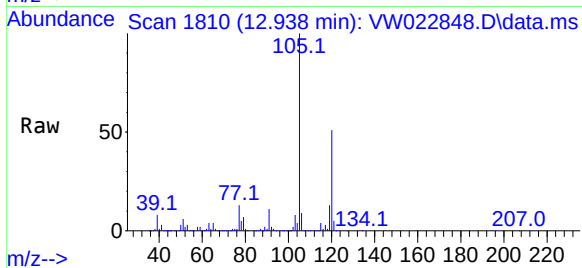
EXL30MS

Tgt Ion:105 Resp: 325390

Ion Ratio Lower Upper

105 100

120 49.8 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 21.599 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022848.D

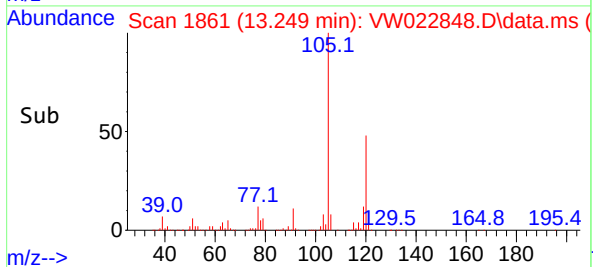
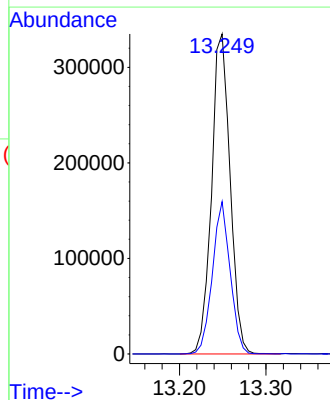
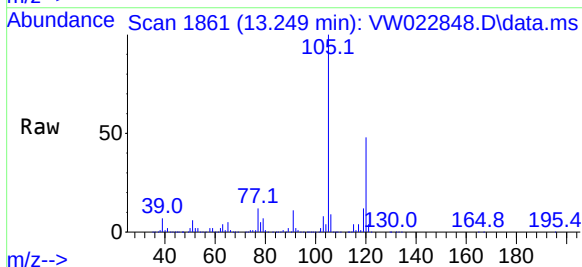
Acq: 05 May 2022 17:38

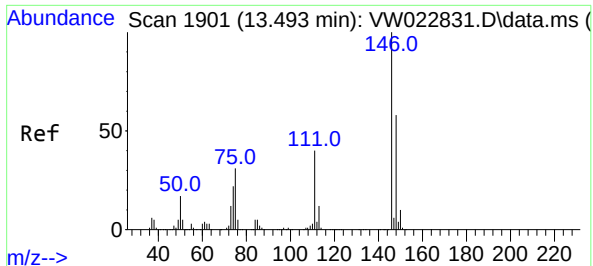
Tgt Ion:105 Resp: 498753

Ion Ratio Lower Upper

105 100

120 45.4 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 21.454 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

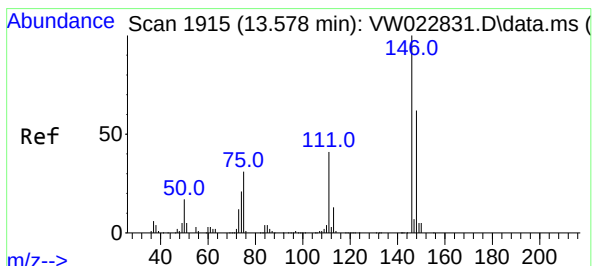
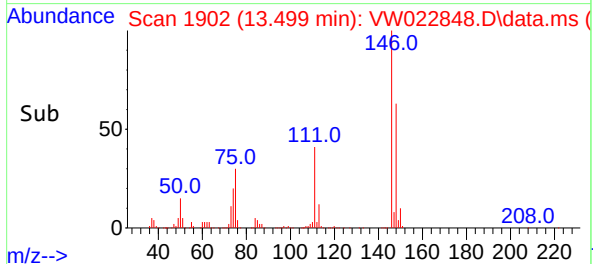
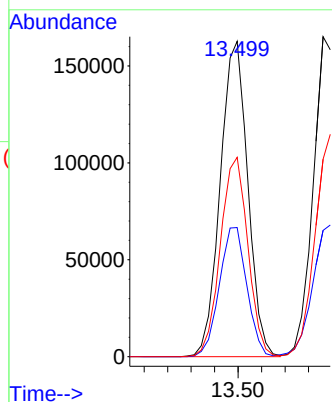
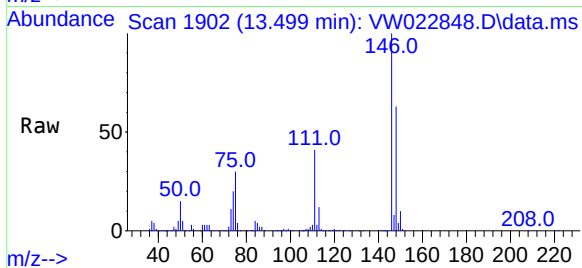
Tgt Ion:146 Resp: 264777

Ion Ratio Lower Upper

146 100

111 40.9 29.5 54.9

148 63.2 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 20.958 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

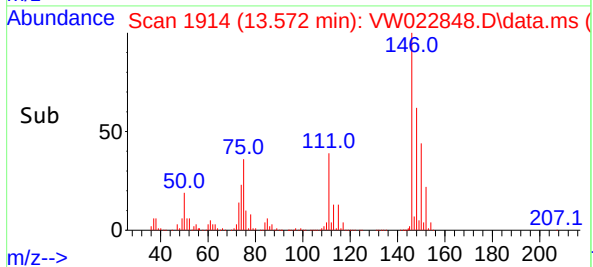
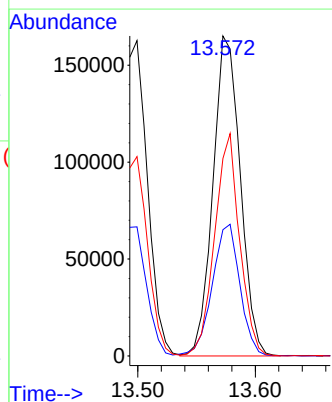
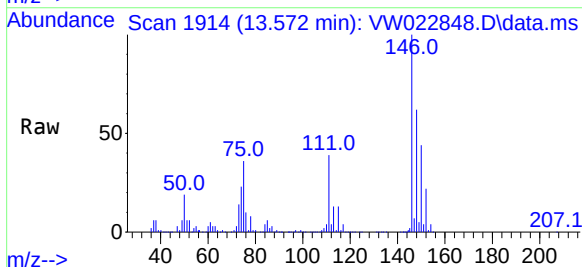
Tgt Ion:146 Resp: 267169

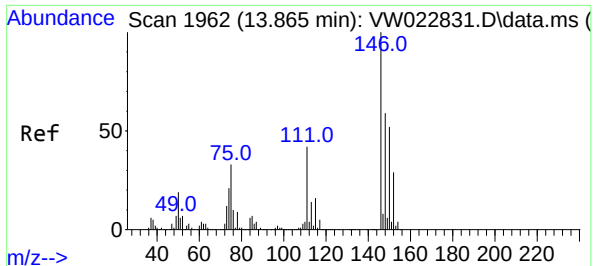
Ion Ratio Lower Upper

146 100

111 39.5 27.2 50.4

148 61.7 44.0 81.6

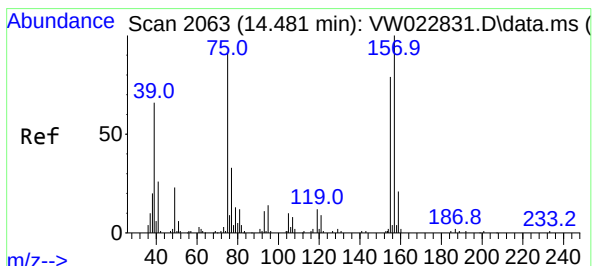
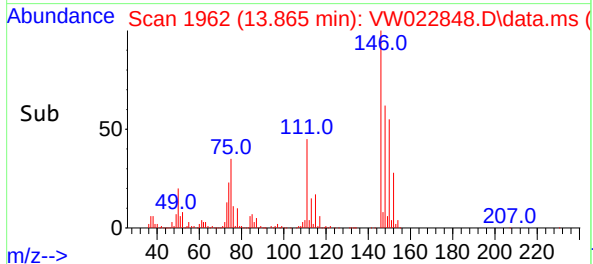
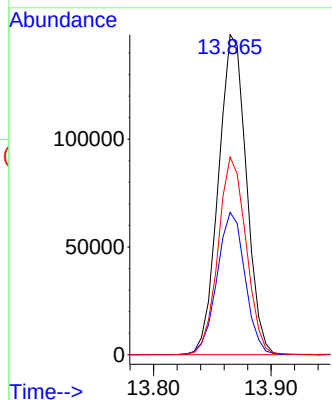
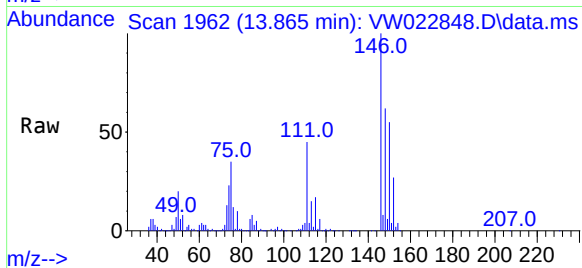




#67
1,2-Dichlorobenzene
Concen: 21.731 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

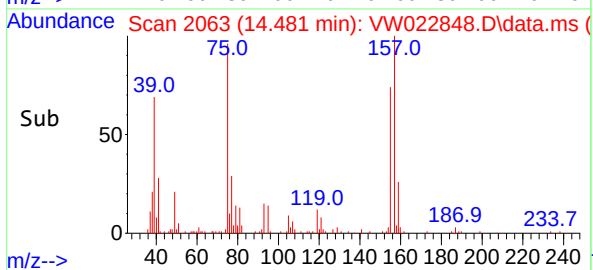
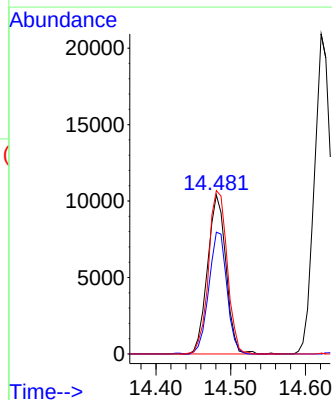
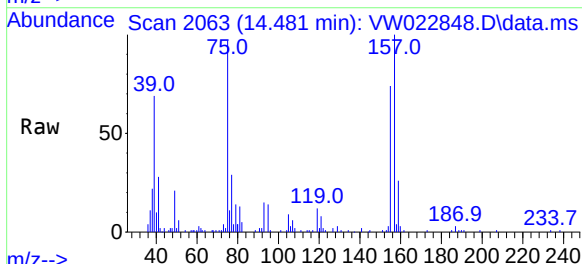
Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

Tgt Ion:146 Resp: 245419
Ion Ratio Lower Upper
146 100
111 44.5 35.7 53.5
148 61.8 52.6 79.0

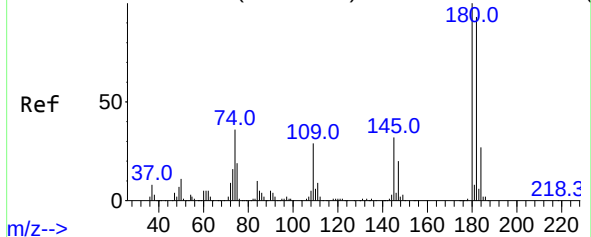


#68
1,2-Dibromo-3-chloropropane
Concen: 20.193 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

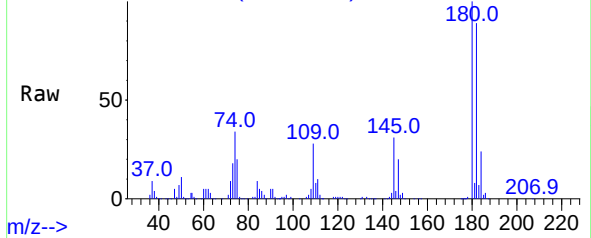
Tgt Ion: 75 Resp: 17793
Ion Ratio Lower Upper
75 100
155 76.5 59.3 88.9
157 102.8 89.8 134.8



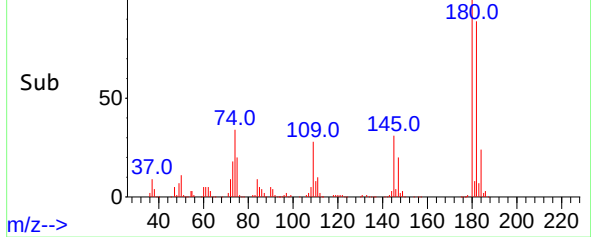
Abundance Scan 2086 (14.621 min): VW022831.D\data.ms (



m/z--> Abundance Scan 2086 (14.621 min): VW022848.D\data.ms

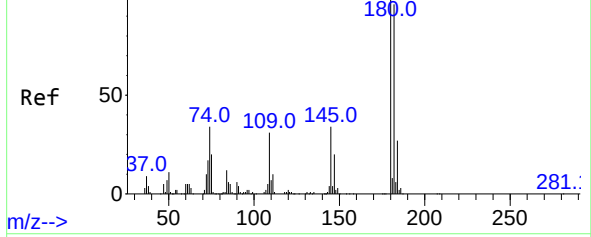


m/z--> Abundance Scan 2086 (14.621 min): VW022848.D\data.ms (

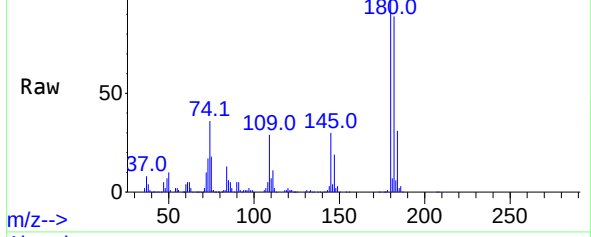


m/z-->

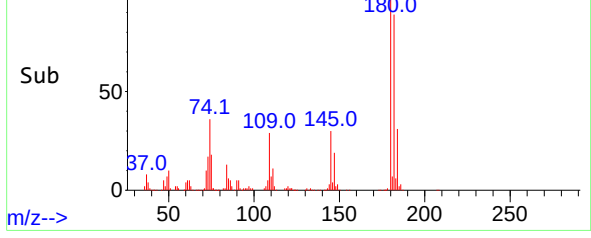
Abundance Scan 2169 (15.127 min): VW022831.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW022848.D\data.ms



m/z--> Abundance Scan 2169 (15.127 min): VW022848.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 20.098 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :

EXL30MS

Tgt Ion:180 Resp: 164651

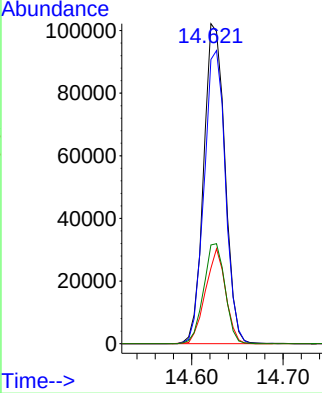
Ion Ratio Lower Upper

180 100

182 91.8 74.8 112.2

184 28.2 23.4 35.2

145 31.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 20.160 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022848.D

Acq: 05 May 2022 17:38

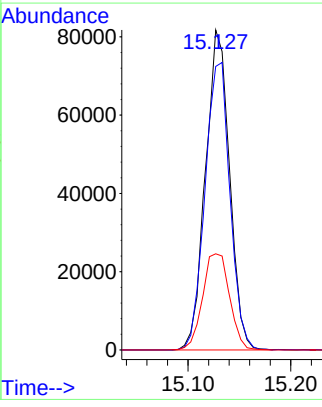
Tgt Ion:180 Resp: 132857

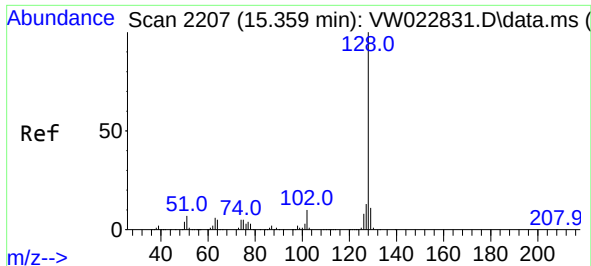
Ion Ratio Lower Upper

180 100

182 93.5 74.9 112.3

145 33.7 26.6 39.8

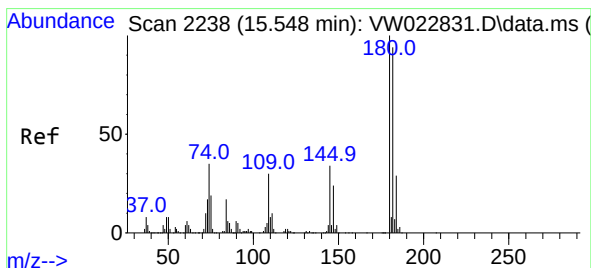
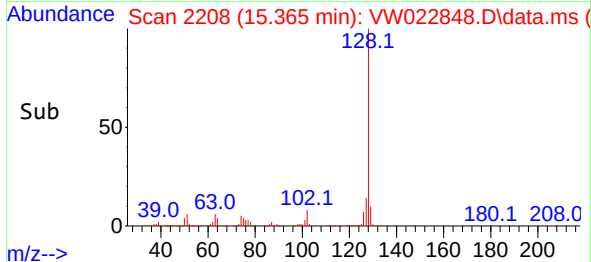
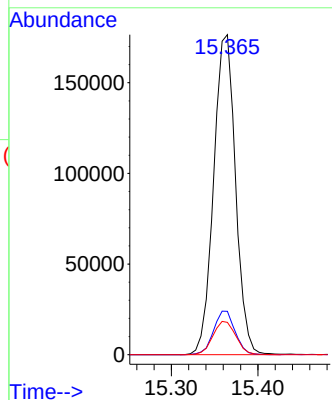
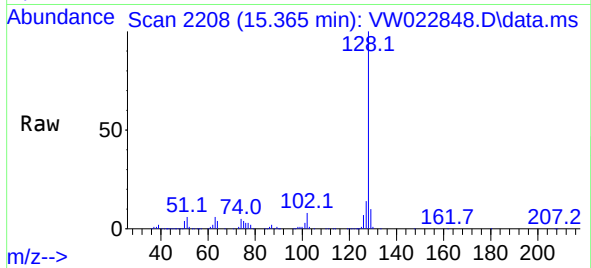




#71
Naphthalene
Concen: 21.634 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Instrument :
MSVOA_W
ClientSampleId :
EXL30MS

Tgt Ion:128 Resp: 309864
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 19.979 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022848.D
Acq: 05 May 2022 17:38

Tgt Ion:180 Resp: 116690
Ion Ratio Lower Upper
180 100
182 89.2 73.5 110.3
145 35.9 27.9 41.9

