

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022757.D
 Acq On : 02 May 2022 22:17
 Operator : SY/VA
 Sample : N2638-10MS
 Misc : 5.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL04MS

Quant Time: May 03 01:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	314690	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	313905	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	155332	24.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.885	69	113300	26.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.880%
11) 1,1-Dichloroethene-d2	4.019	63	181805	21.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.160%
21) 2-Butanone-d5	7.074	46	68889	56.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.240%
24) Chloroform-d	7.647	84	236363	25.637	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	8.305	65	136221	26.939	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.760%
32) Benzene-d6	8.275	84	451280	24.942	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.760%
36) 1,2-Dichloropropane-d6	9.274	67	132362	26.043	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.160%
41) Toluene-d8	10.323	98	432968	24.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.080%
43) trans-1,3-Dichloroprop...	10.579	79	59601	25.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.880%
47) 2-Hexanone-d5	10.920	63	60529	62.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.780%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	133775	28.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	152377	25.323	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	45337	26.428	ug/L	90
3) Chloromethane	2.215	50	72169	21.771	ug/L	95
5) Vinyl chloride	2.361	62	153758	23.112	ug/L	98
6) Bromomethane	2.776	94	98451	23.048	ug/L	89
8) Chloroethane	2.922	64	78504	24.465	ug/L	99
9) Trichlorofluoromethane	3.251	101	56015	18.422	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	94011	20.677	ug/L	97
12) 1,1-Dichloroethene	4.038	96	85476	21.207	ug/L	90
13) Acetone	4.129	43	55429	60.311	ug/L	95
14) Carbon disulfide	4.385	76	227649	20.602	ug/L	98
15) Methyl Acetate	4.672	43	49302	26.702	ug/L	98
16) Methylene chloride	4.922	84	104905	22.782	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	97353	21.464	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	171615	24.786	ug/L	100
19) 1,1-Dichloroethane	6.214	63	175550	22.837	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	112562	23.105	ug/L #	98
22) 2-Butanone	7.171	43	72923	56.736	ug/L	98
23) Bromochloromethane	7.513	128	53422	23.415	ug/L	93
25) Chloroform	7.677	83	201080	23.656	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022757.D
 Acq On : 02 May 2022 22:17
 Operator : SY/VA
 Sample : N2638-10MS
 Misc : 5.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL04MS

Quant Time: May 03 01:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

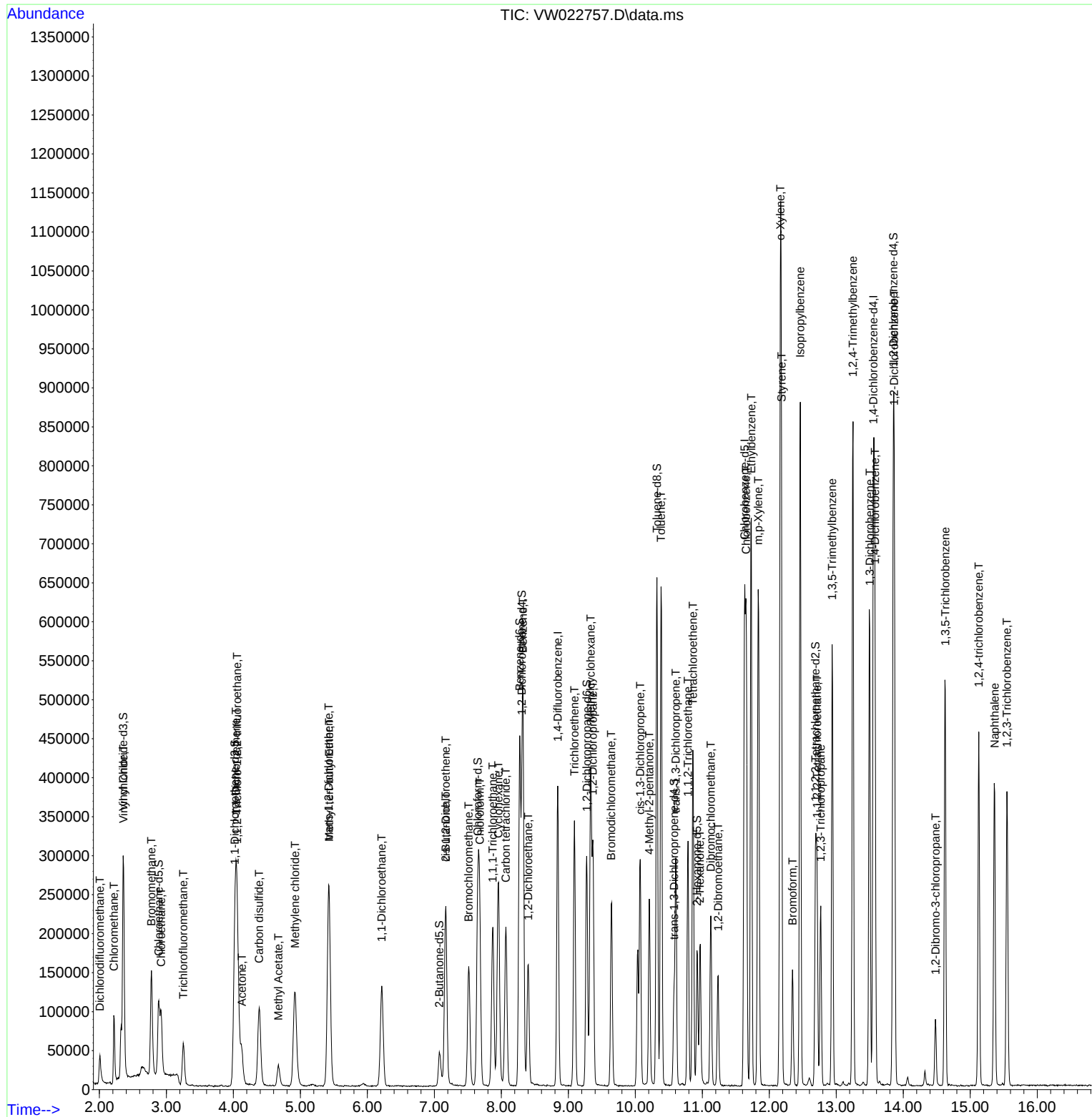
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	140084	24.723	ug/L	99
29) Cyclohexane	7.958	56	141538	20.849	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	162846	21.952	ug/L	98
31) Carbon tetrachloride	8.067	117	148200	21.357	ug/L	100
33) Benzene	8.323	78	424987	22.982	ug/L	100
34) Trichloroethene	9.092	95	112215	22.065	ug/L	96
35) Methylcyclohexane	9.335	83	173690	20.790	ug/L	97
37) 1,2-Dichloropropane	9.366	63	102609	22.929	ug/L	99
38) Bromodichloromethane	9.640	83	150173	23.626	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	166364	23.976	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	146640	51.988	ug/L	99
42) Toluene	10.384	91	475005	22.920	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	152073	24.554	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	93979	25.121	ug/L	97
46) Tetrachloroethene	10.860	164	84577	22.130	ug/L	98
48) 2-Hexanone	10.963	43	113421	60.182	ug/L	97
49) Dibromochloromethane	11.128	129	109593	24.341	ug/L	93
50) 1,2-Dibromoethane	11.237	107	93383	24.859	ug/L	93
51) Chlorobenzene	11.652	112	310489	22.725	ug/L	96
52) Ethylbenzene	11.731	91	519855	22.547	ug/L	100
53) m,p-Xylene	11.835	106	209367	23.046	ug/L	98
54) o-Xylene	12.164	106	202256	23.200	ug/L	99
55) Styrene	12.182	104	353089	23.836	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	116795	24.996	ug/L	97
59) Bromoform	12.347	173	61995	25.413	ug/L	100
60) Isopropylbenzene	12.463	105	547034	23.197	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	90270	26.246	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	291311	22.204	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	459027	23.302	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	242678	23.050	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	241824	22.237	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	226325	23.491	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	20302	27.009	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	143901	20.590	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	122326	21.759	ug/L	99
71) Naphthalene	15.365	128	325104	26.607	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	110256	22.128	ug/L	97

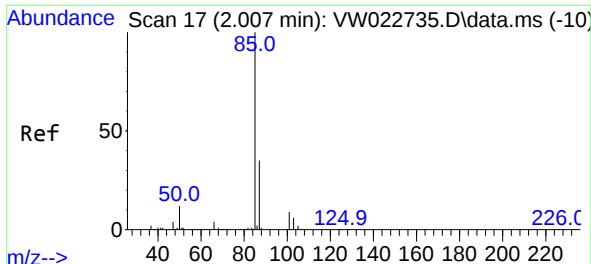
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
Data File : VW022757.D
Acq On : 02 May 2022 22:17
Operator : SY/VA
Sample : N2638-10MS
Misc : 5.18g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

Quant Time: May 03 01:46:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 03 01:41:22 2022
Response via : Initial Calibration

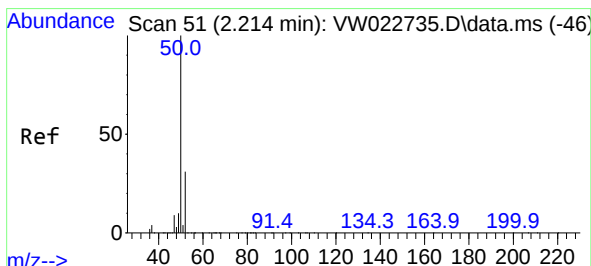
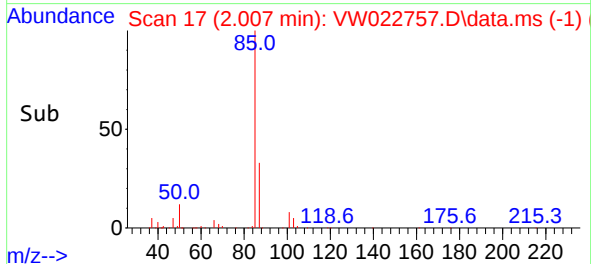
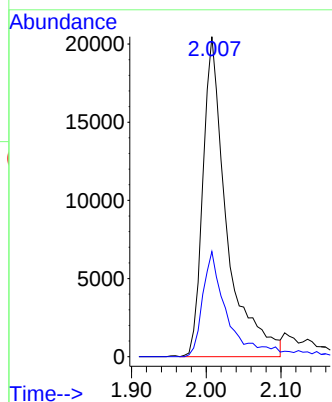
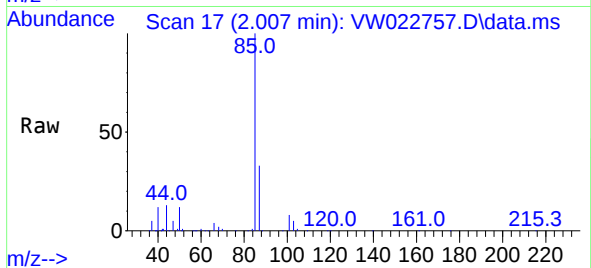




#2
Dichlorodifluoromethane
Concen: 26.428 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

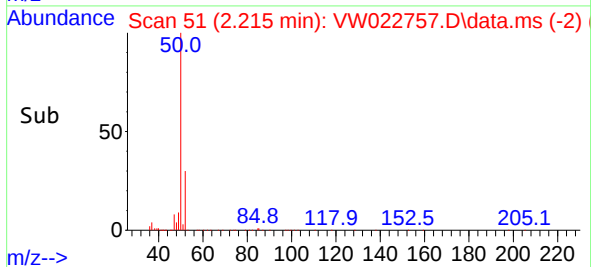
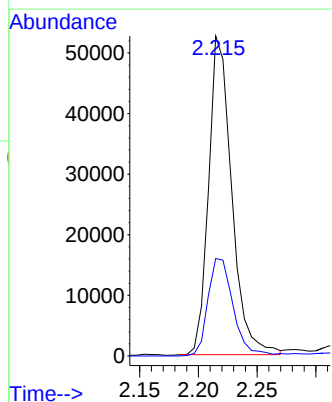
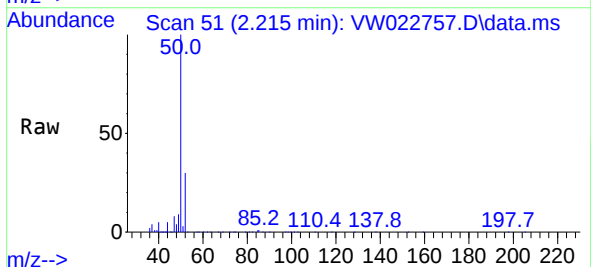
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

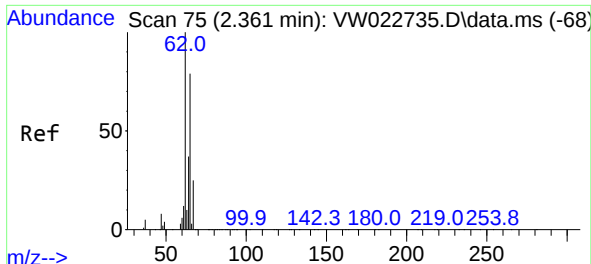
Tgt Ion: 85 Resp: 45337
Ion Ratio Lower Upper
85 100
87 29.3 27.8 41.8



#3
Chloromethane
Concen: 21.771 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 50 Resp: 72169
Ion Ratio Lower Upper
50 100
52 30.4 23.1 42.9

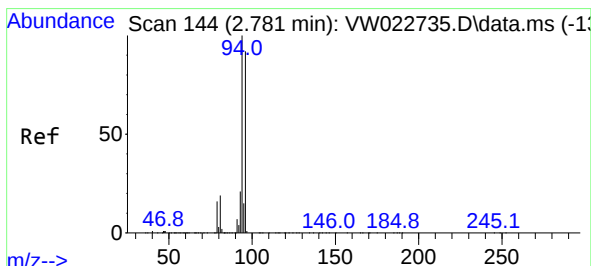
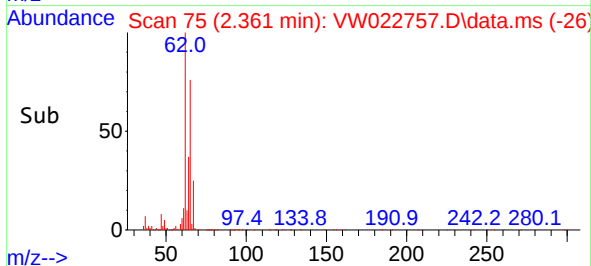
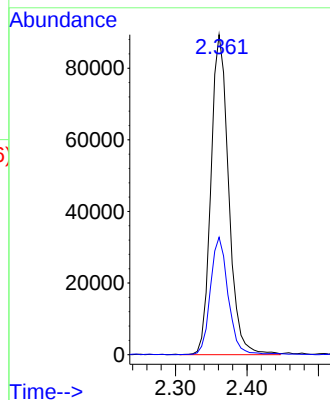
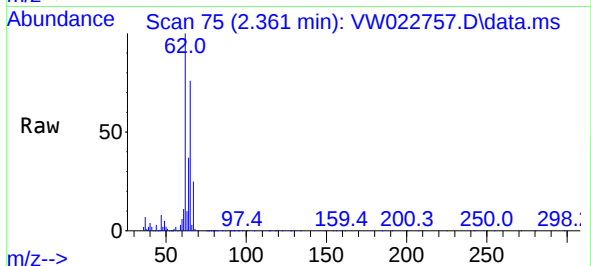




#5
 Vinyl chloride
 Concen: 23.112 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022757.D
 Acq: 02 May 2022 22:17

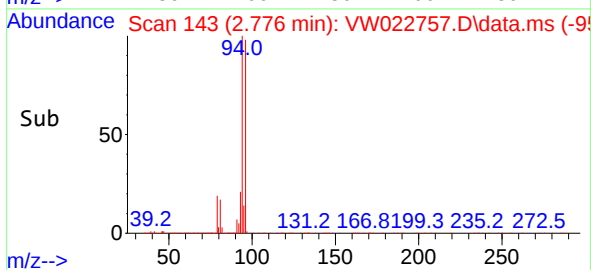
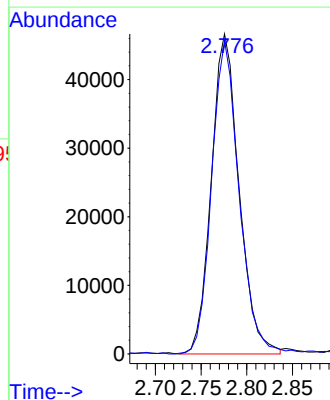
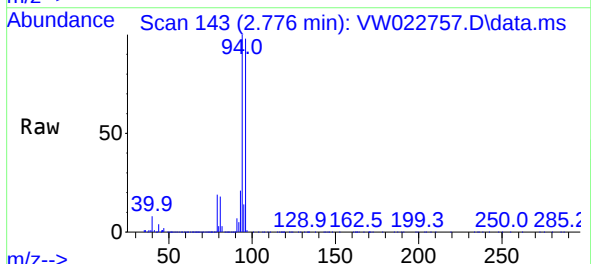
Instrument :
 MSVOA_W
 ClientSampleId :
 EXL04MS

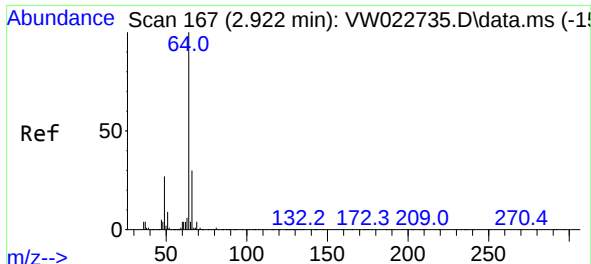
Tgt Ion: 62 Resp: 153758
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.9 46.3



#6
 Bromomethane
 Concen: 23.048 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022757.D
 Acq: 02 May 2022 22:17

Tgt Ion: 94 Resp: 98451
 Ion Ratio Lower Upper
 94 100
 96 97.9 61.7 114.5

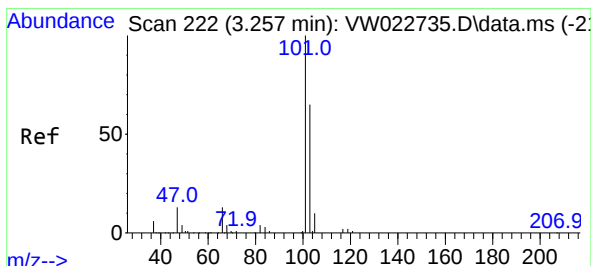
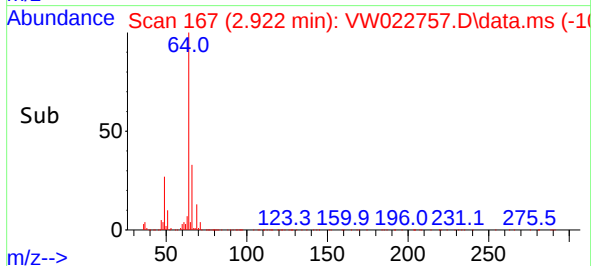
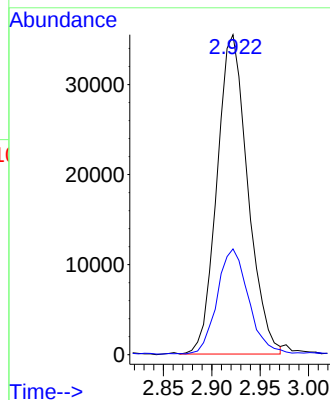
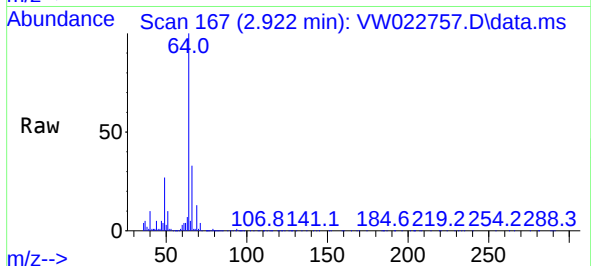




#8
Chloroethane
Concen: 24.465 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

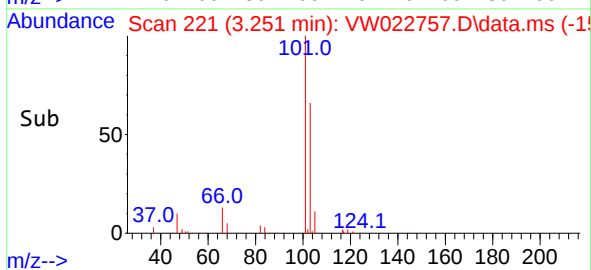
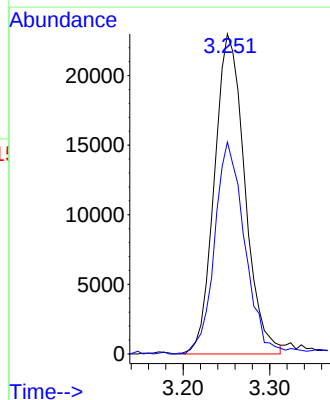
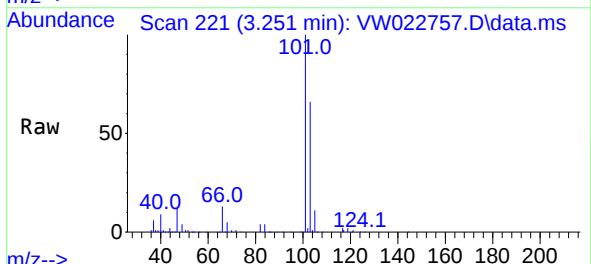
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

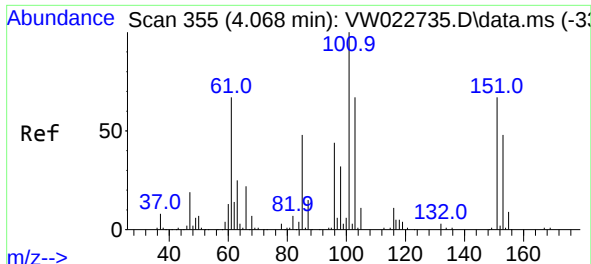
Tgt Ion: 64 Resp: 78504
Ion Ratio Lower Upper
64 100
66 33.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.422 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 101 Resp: 56015
Ion Ratio Lower Upper
101 100
103 64.6 53.9 80.9





#10

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

Concen: 20.677 ug/L

RT: 4.056 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Instrument :

MSVOA_W

ClientSampleId :

EXL04MS

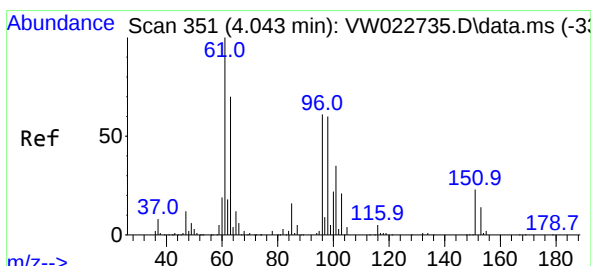
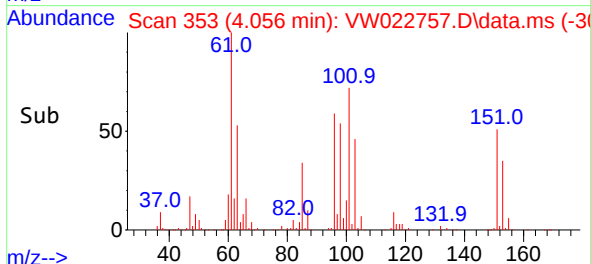
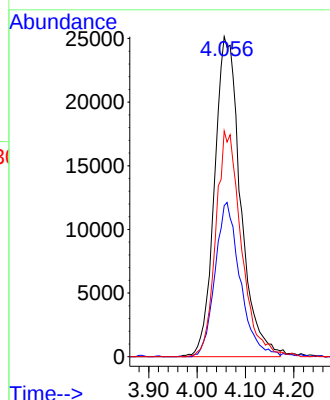
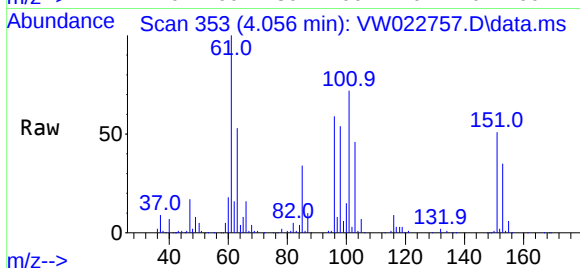
Tgt Ion:101 Resp: 94011

Ion Ratio Lower Upper

101 100

85 46.3 34.3 51.5

151 68.7 54.2 81.2



#12

1,1-Dichloroethene

Concen: 21.207 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.006 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

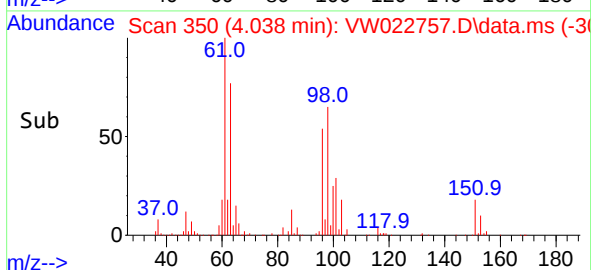
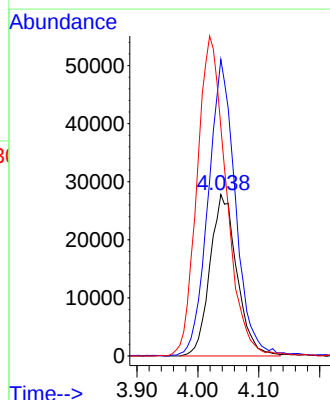
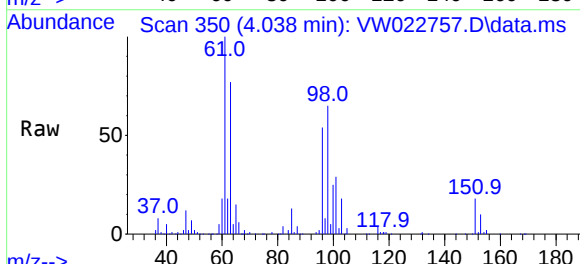
Tgt Ion: 96 Resp: 85476

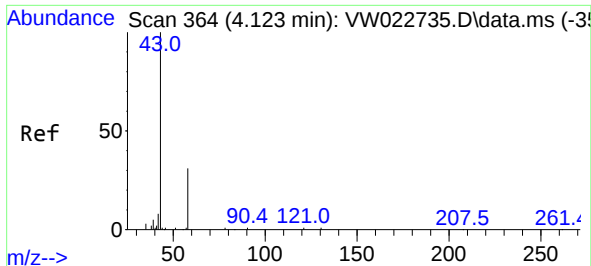
Ion Ratio Lower Upper

96 100

61 183.6 125.7 233.5

63 141.7 83.4 155.0

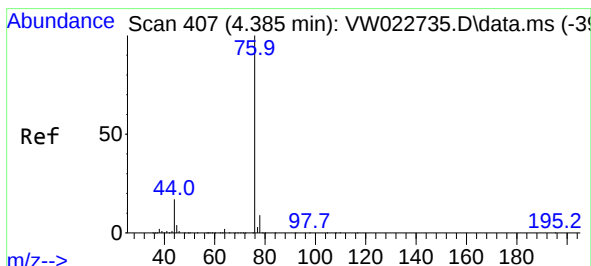
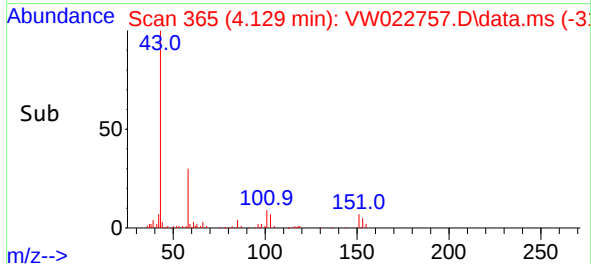
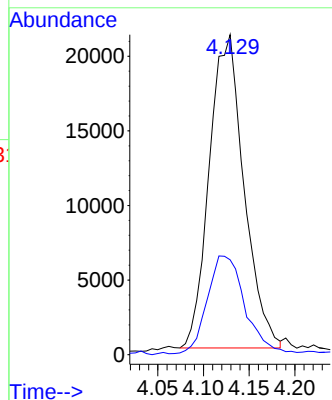
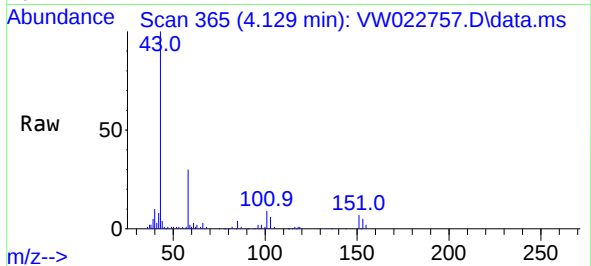




#13
Acetone
Concen: 60.311 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

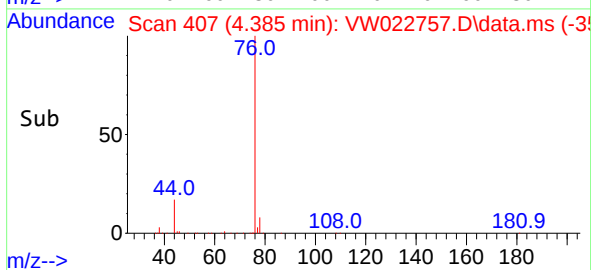
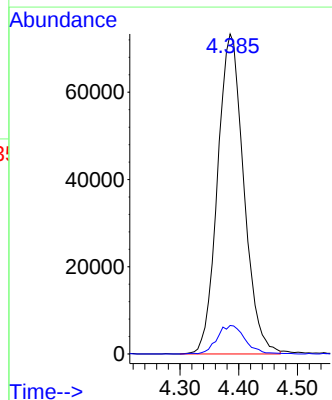
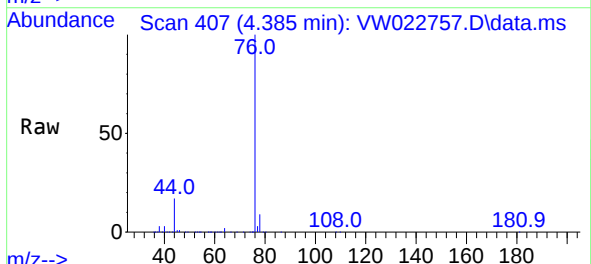
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

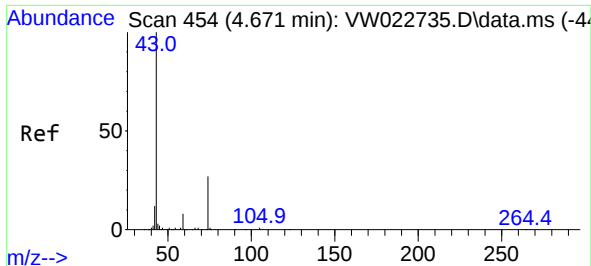
Tgt Ion: 43 Resp: 55429
Ion Ratio Lower Upper
43 100
58 34.7 0.0 64.0



#14
Carbon disulfide
Concen: 20.602 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 76 Resp: 227649
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

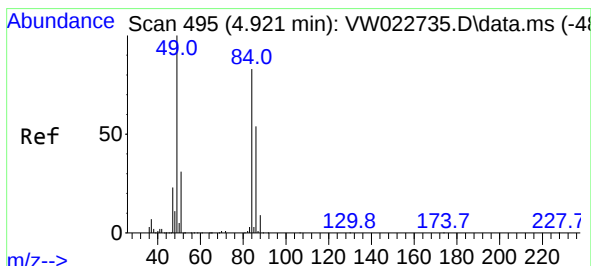
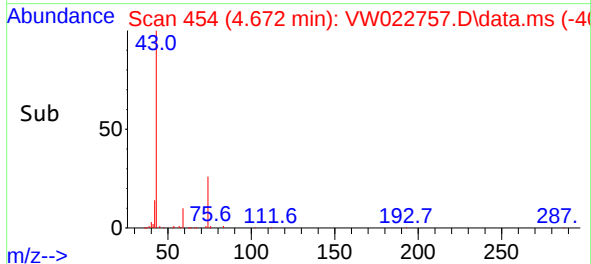
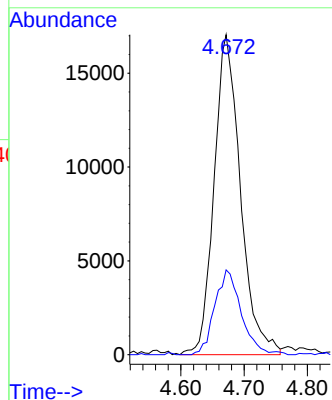
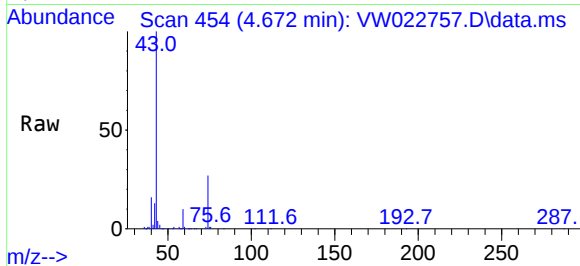




#15
Methyl Acetate
Concen: 26.702 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

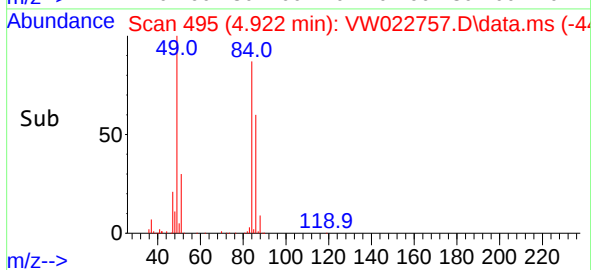
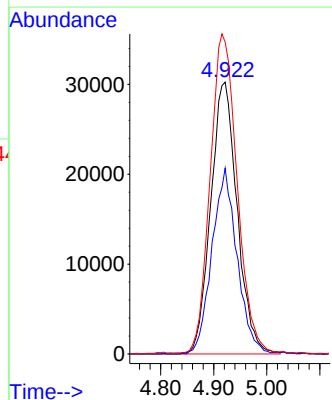
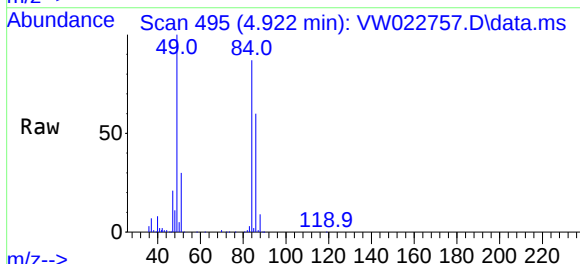
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

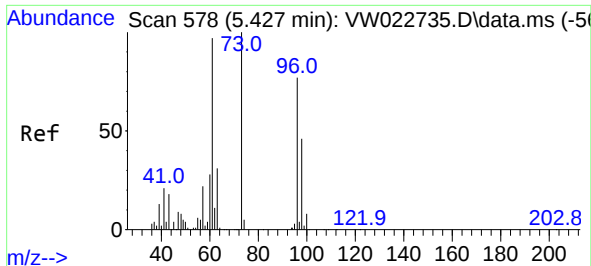
Tgt Ion: 43 Resp: 49302
Ion Ratio Lower Upper
43 100
74 26.2 21.9 32.9



#16
Methylene chloride
Concen: 22.782 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 84 Resp: 104905
Ion Ratio Lower Upper
84 100
86 68.3 45.4 84.4
49 114.8 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 21.464 ug/L

RT: 5.421 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Instrument :

MSVOA_W

ClientSampleId :

EXL04MS

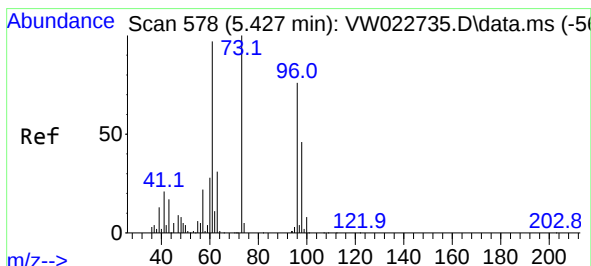
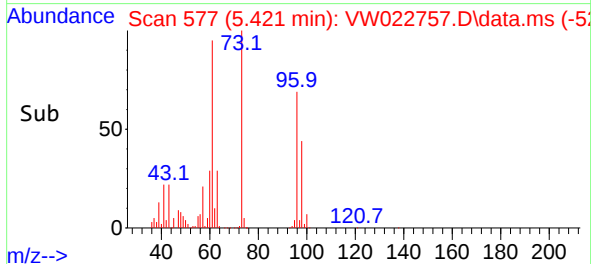
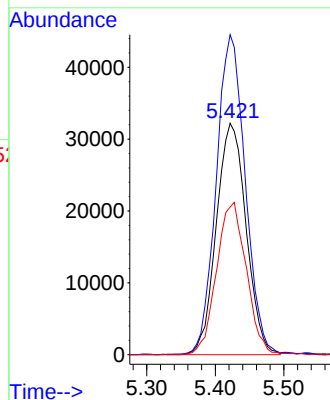
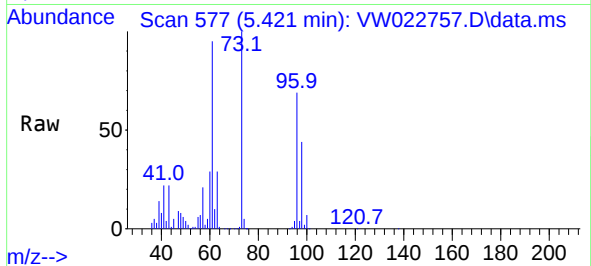
Tgt Ion: 96 Resp: 97353

Ion Ratio Lower Upper

96 100

61 138.3 92.2 171.2

98 63.9 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 24.786 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

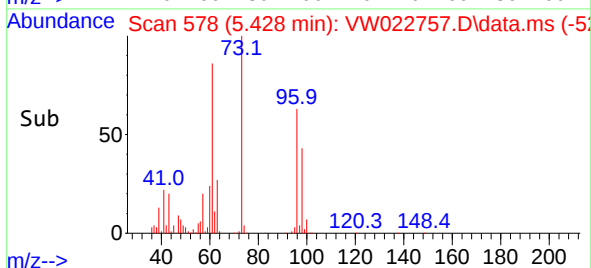
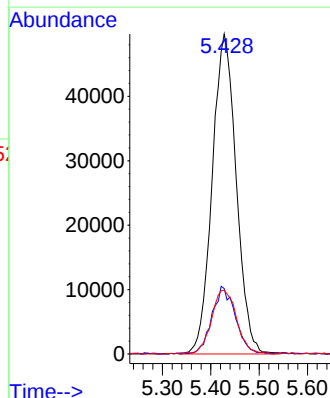
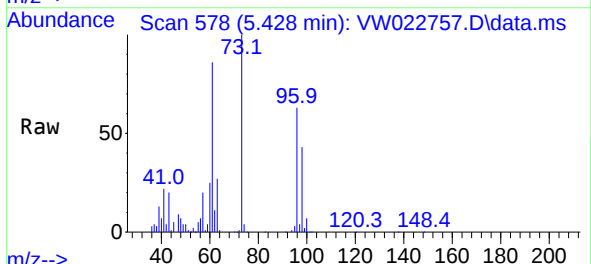
Tgt Ion: 73 Resp: 171615

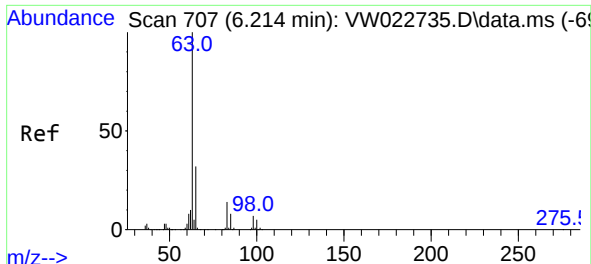
Ion Ratio Lower Upper

73 100

43 20.1 15.9 23.9

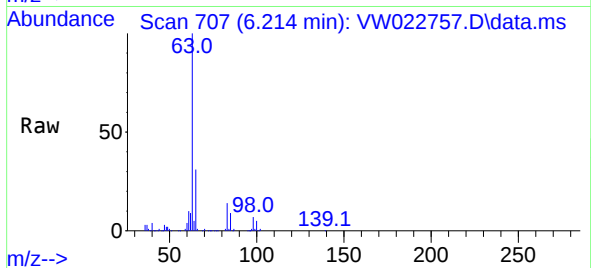
57 20.7 16.5 24.7



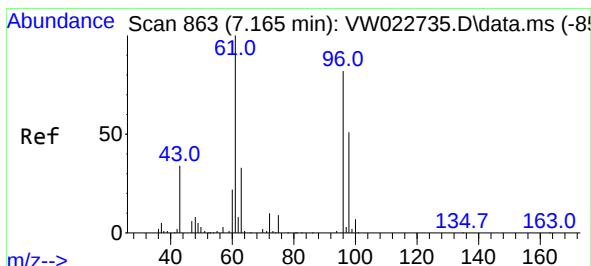
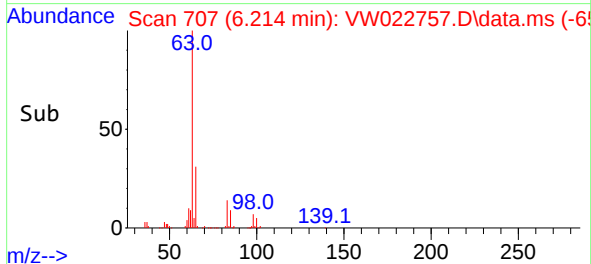
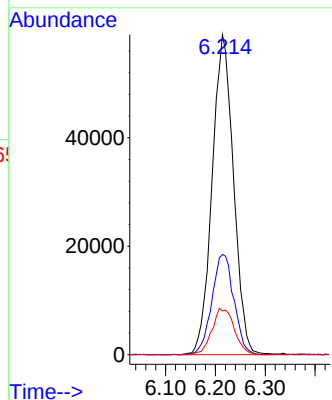


#19
1,1-Dichloroethane
Concen: 22.837 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

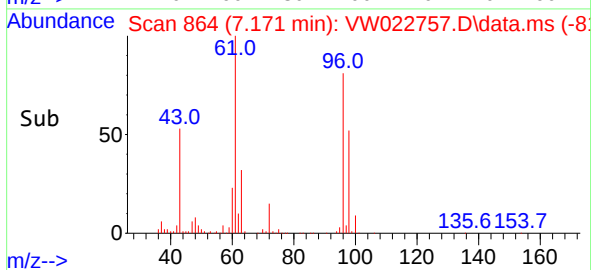
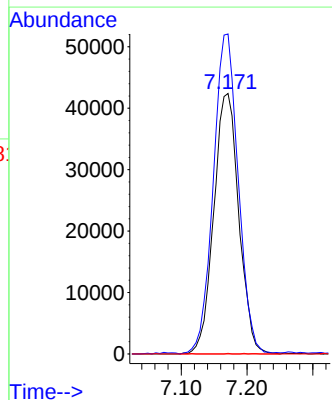
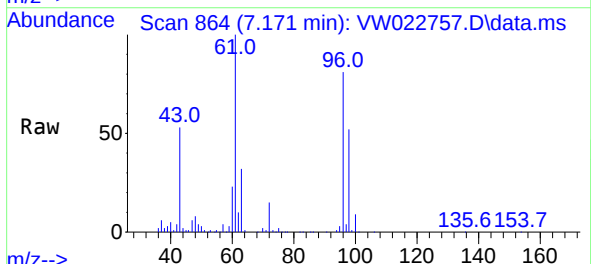


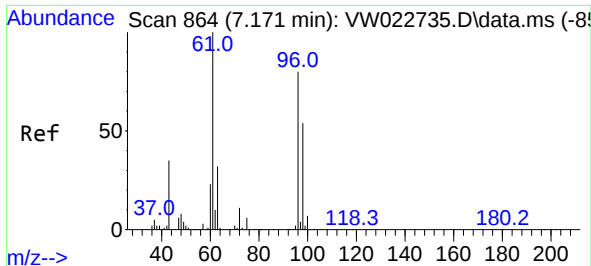
Tgt Ion: 63 Resp: 175550
Ion Ratio Lower Upper
63 100
65 31.3 23.3 43.3
83 13.7 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 23.105 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 96 Resp: 112562
Ion Ratio Lower Upper
96 100
61 122.8 84.2 156.4
68 0.2 0.1 0.1

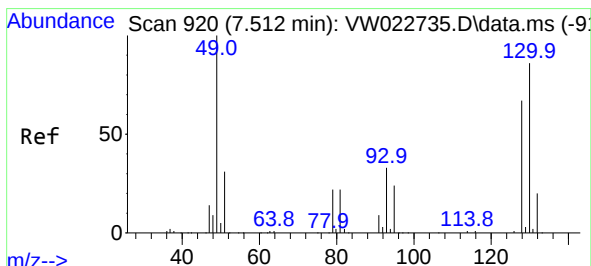
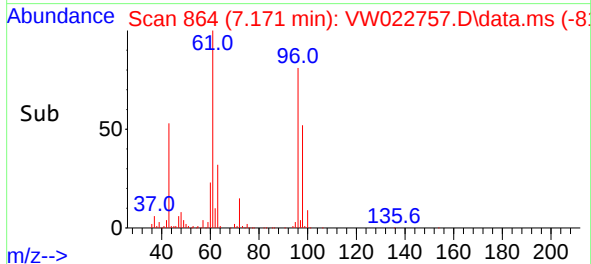
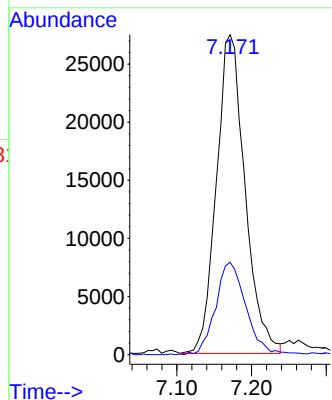
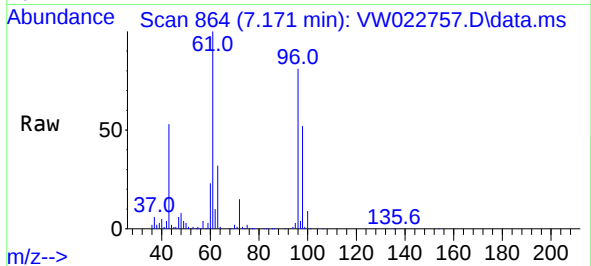




#22
2-Butanone
Concen: 56.736 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

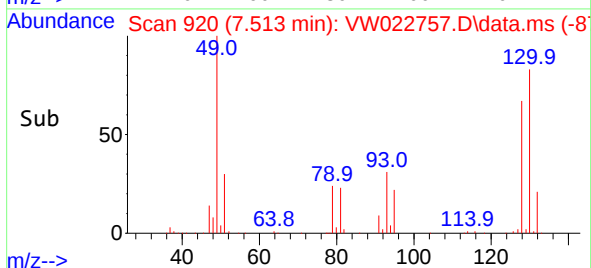
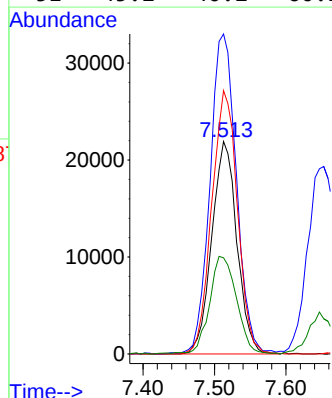
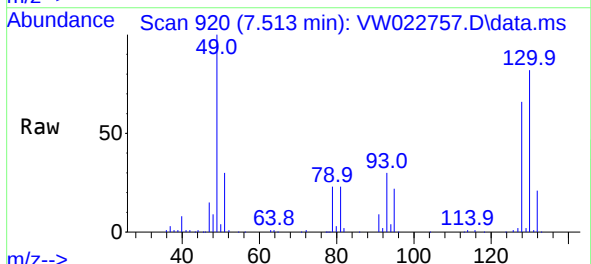
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

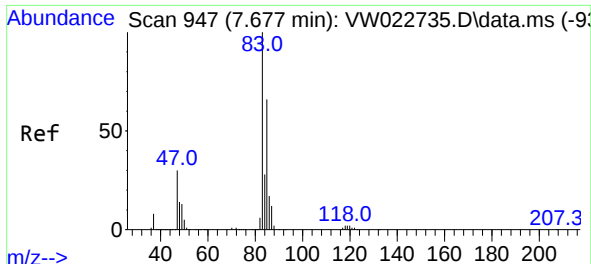
Tgt Ion: 43 Resp: 72923
Ion Ratio Lower Upper
43 100
72 29.2 15.1 45.3



#23
Bromochloromethane
Concen: 23.415 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 128 Resp: 53422
Ion Ratio Lower Upper
128 100
49 150.6 110.0 204.4
130 123.9 94.8 176.0
51 45.2 40.2 60.2

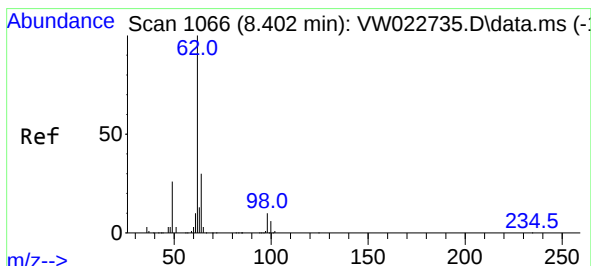
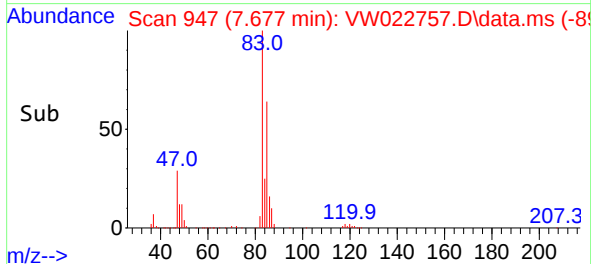
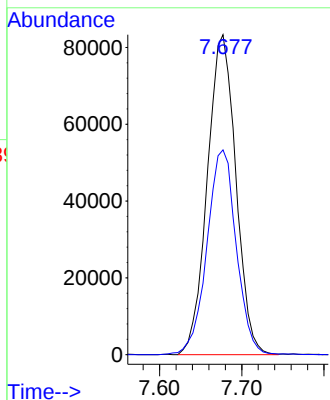
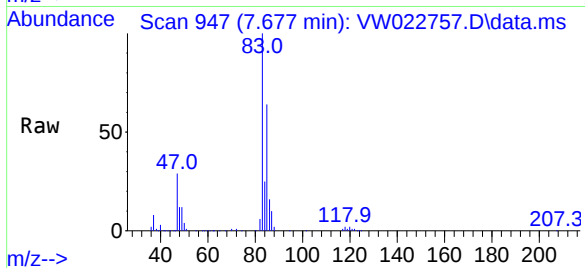




#25
Chloroform
Concen: 23.656 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

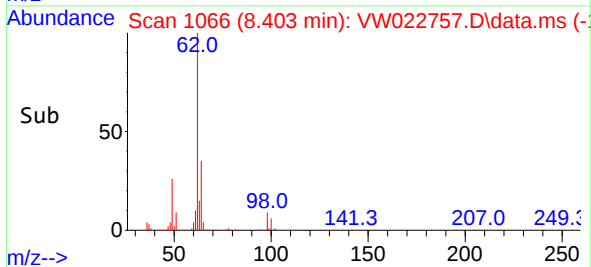
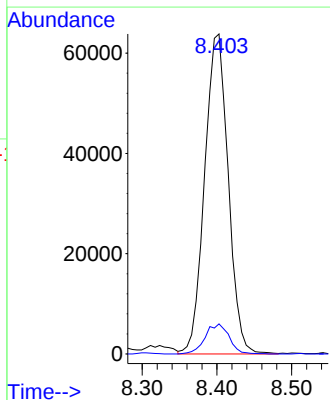
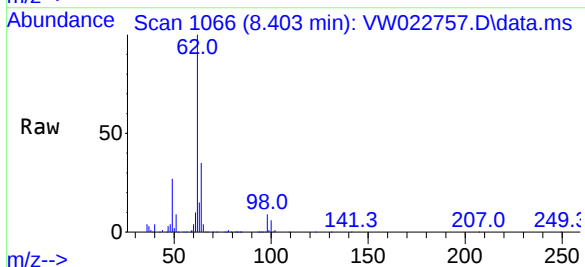
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

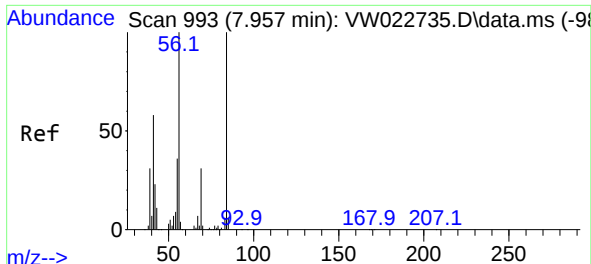
Tgt Ion: 83 Resp: 201080
Ion Ratio Lower Upper
83 100
85 64.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.723 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 62 Resp: 140084
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 20.849 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Instrument :

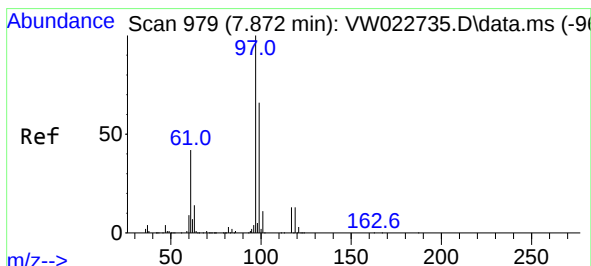
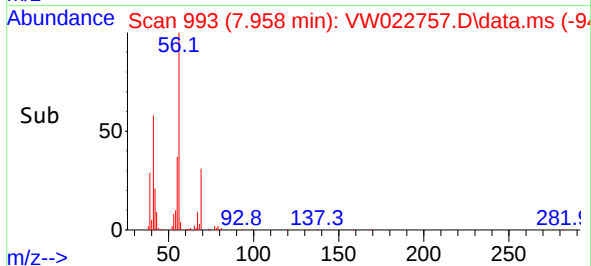
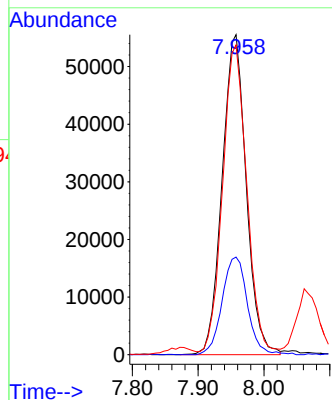
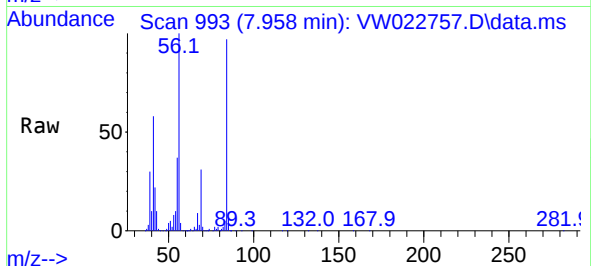
MSVOA_W

ClientSampleId :

EXL04MS

Tgt Ion: 56 Resp: 141538

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.6	38.4
84	97.3	78.2	117.4



#30

1,1,1-Trichloroethane

Concen: 21.952 ug/L

RT: 7.872 min Scan# 979

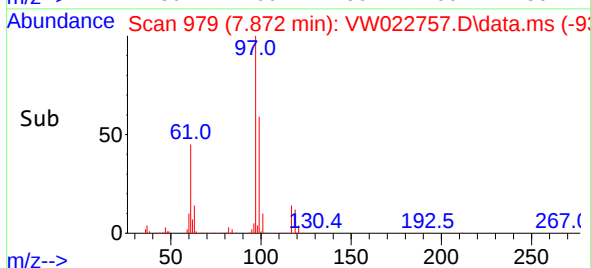
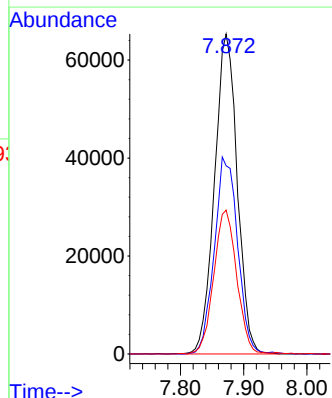
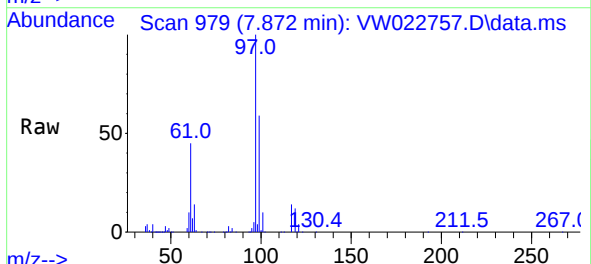
Delta R.T. 0.000 min

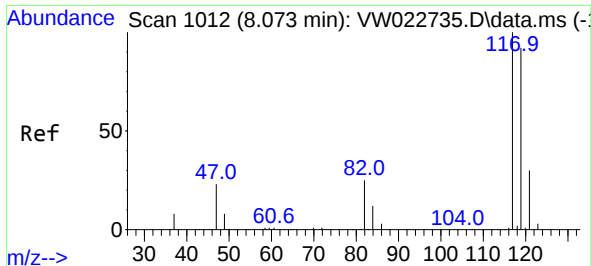
Lab File: VW022757.D

Acq: 02 May 2022 22:17

Tgt Ion: 97 Resp: 162846

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.4
61	45.4	34.8	52.2

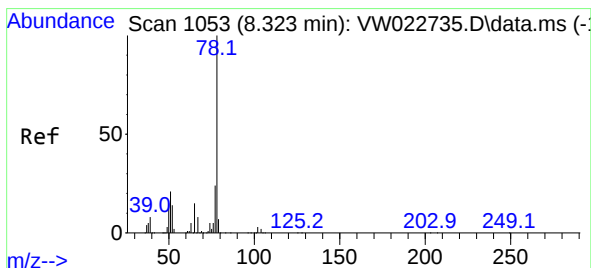
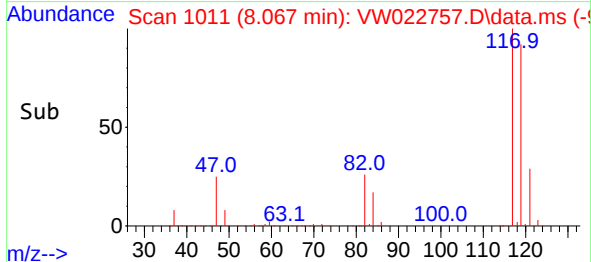
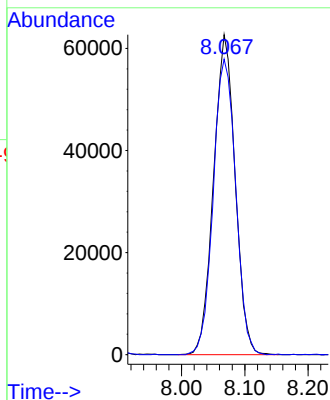
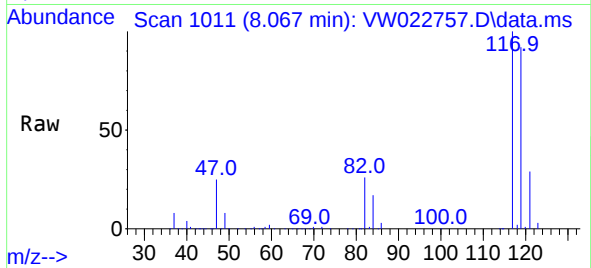




#31
Carbon tetrachloride
Concen: 21.357 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

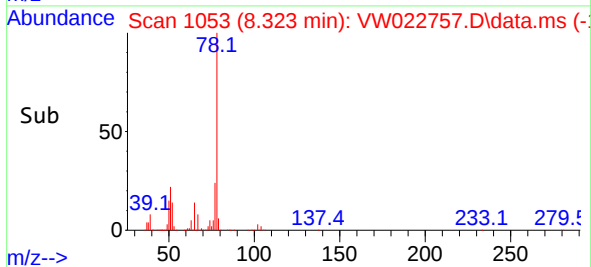
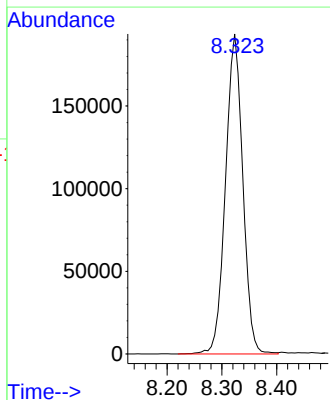
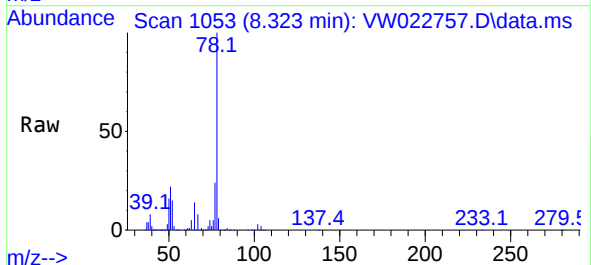
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

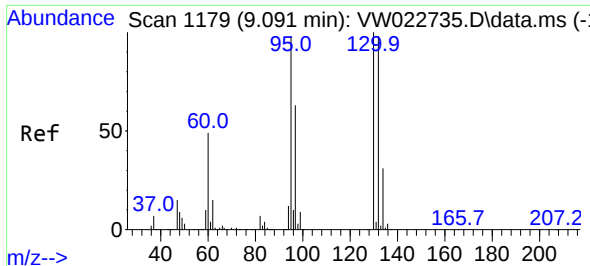
Tgt Ion:117 Resp: 148200
Ion Ratio Lower Upper
117 100
119 96.1 76.6 115.0



#33
Benzene
Concen: 22.982 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 78 Resp: 424987

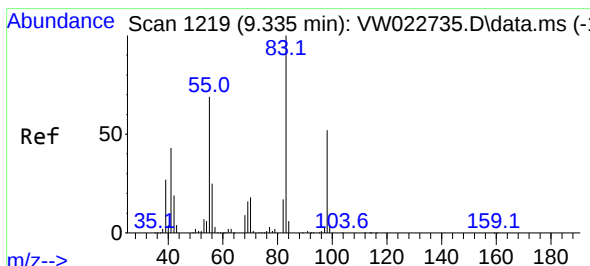
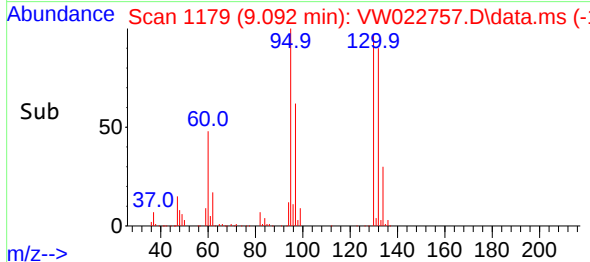
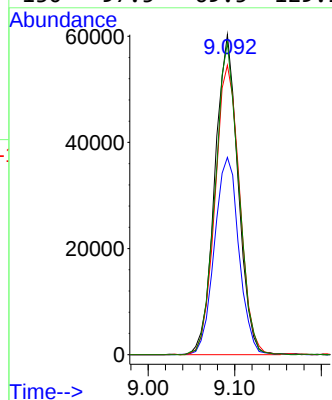
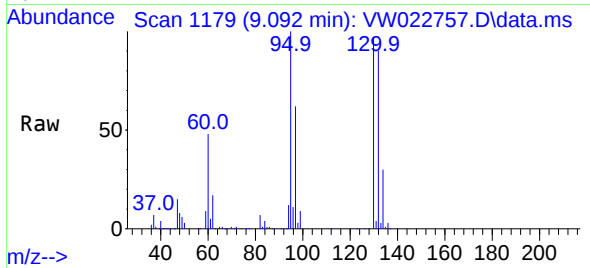




#34
Trichloroethene
Concen: 22.065 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

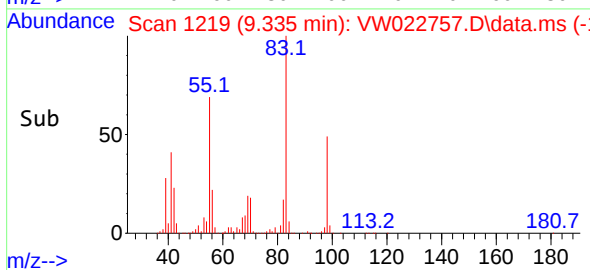
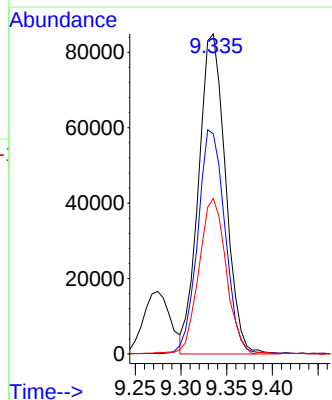
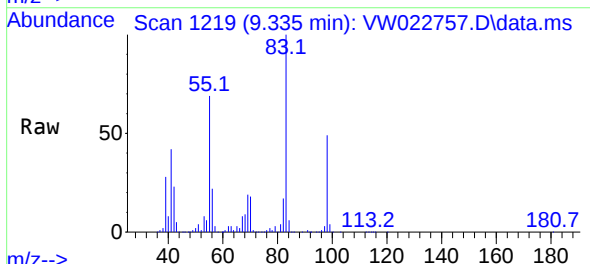
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

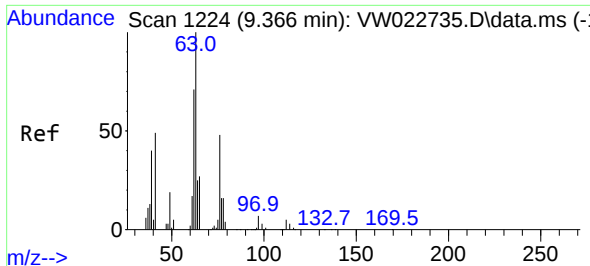
Tgt Ion: 95 Resp: 112215
Ion Ratio Lower Upper
95 100
97 61.6 46.1 85.7
132 90.5 66.9 124.3
130 97.5 69.5 129.1



#35
Methylcyclohexane
Concen: 20.790 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 83 Resp: 173690
Ion Ratio Lower Upper
83 100
55 71.1 55.1 82.7
98 48.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.929 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Instrument :

MSVOA_W

ClientSampleId :

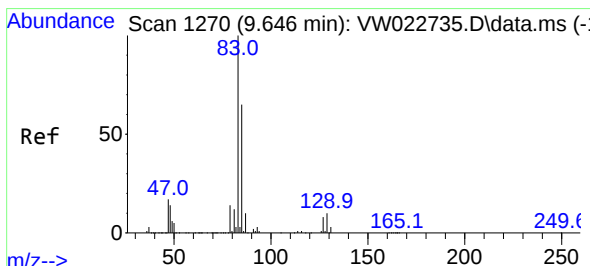
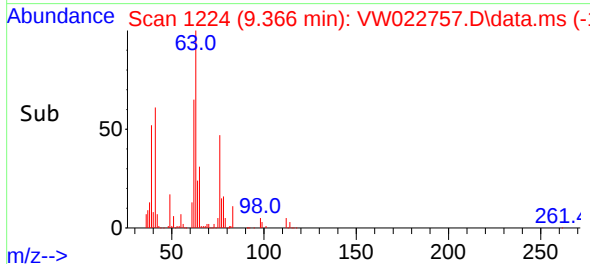
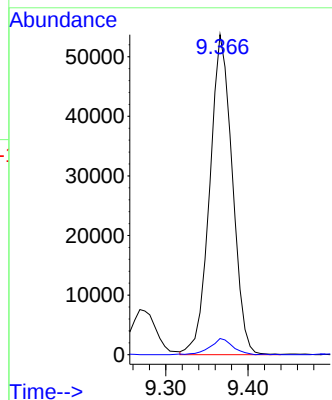
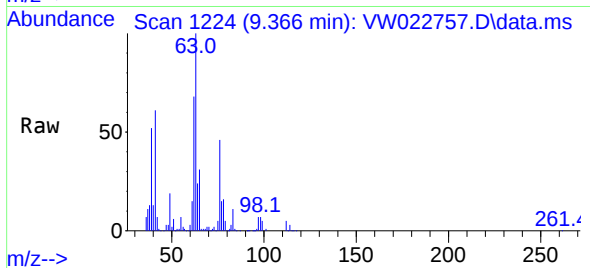
EXL04MS

Tgt Ion: 63 Resp: 102609

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 23.626 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

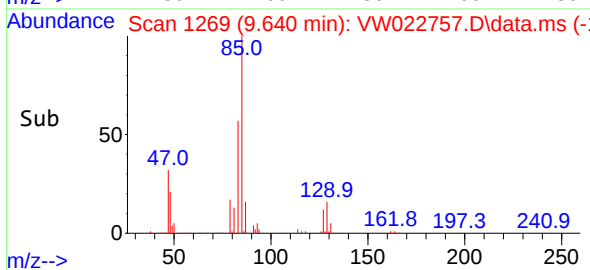
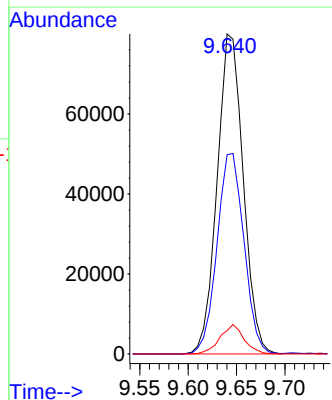
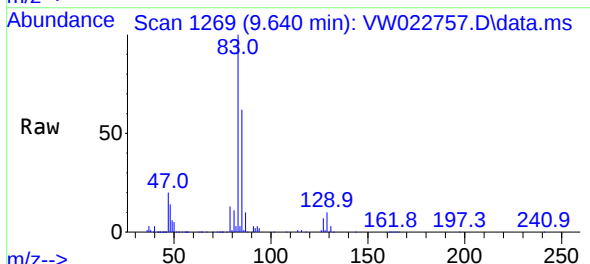
Tgt Ion: 83 Resp: 150173

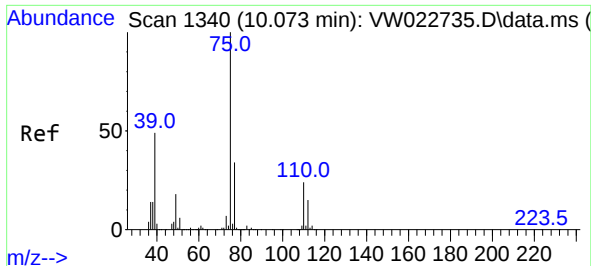
Ion Ratio Lower Upper

83 100

85 62.3 43.5 80.7

127 7.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.976 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Instrument :

MSVOA_W

ClientSampleId :

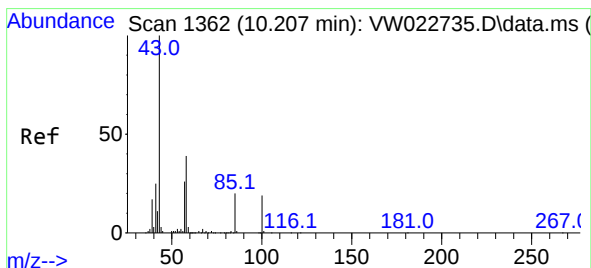
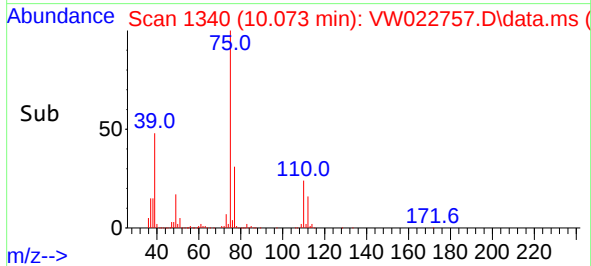
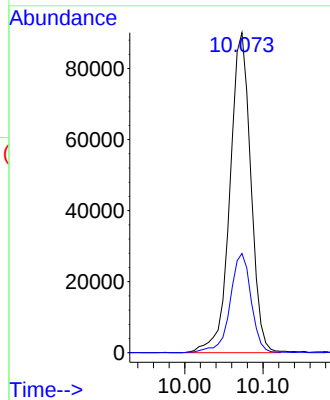
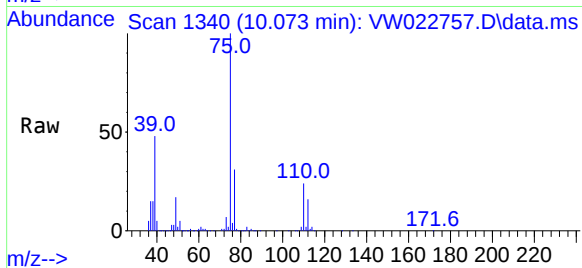
EXL04MS

Tgt Ion: 75 Resp: 166364

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 51.988 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

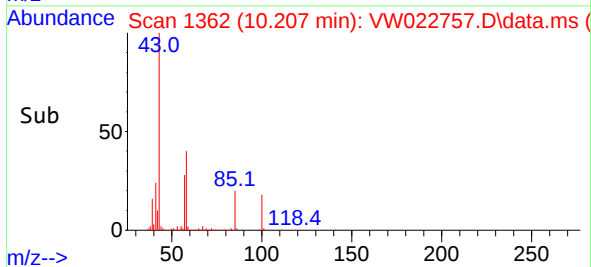
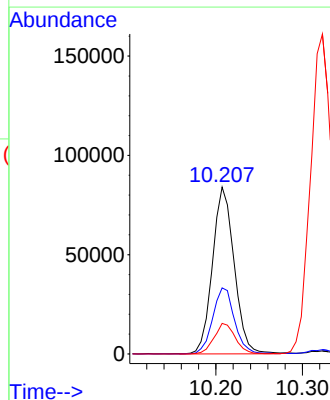
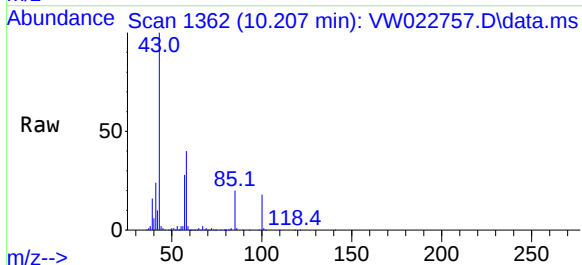
Tgt Ion: 43 Resp: 146640

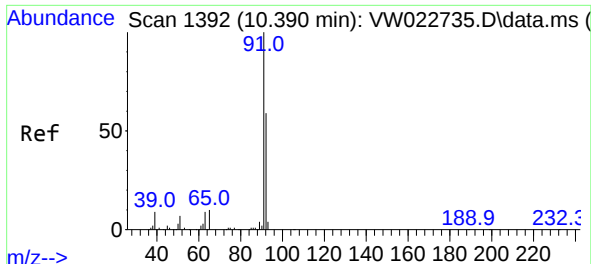
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 17.9 14.2 21.4

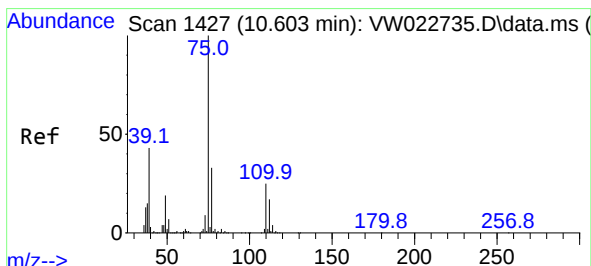
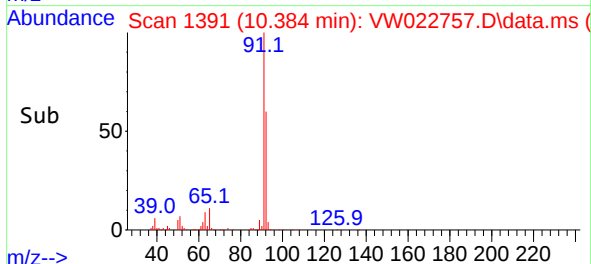
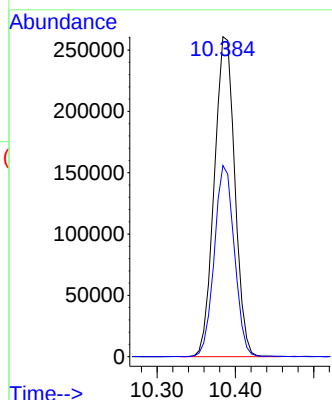
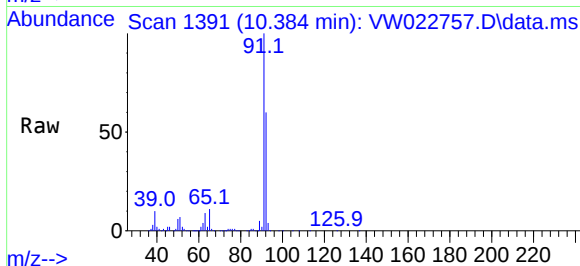




#42
Toluene
Concen: 22.920 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

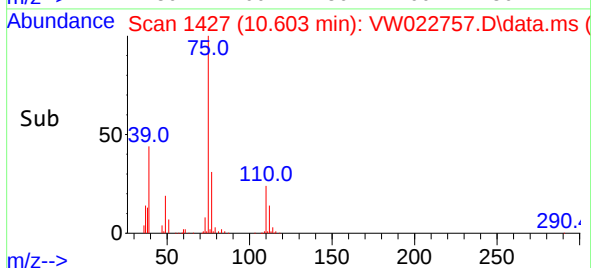
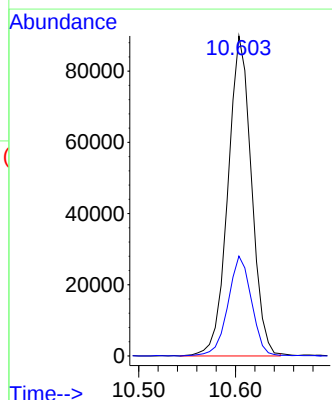
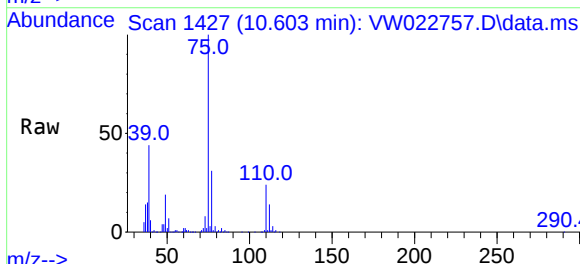
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

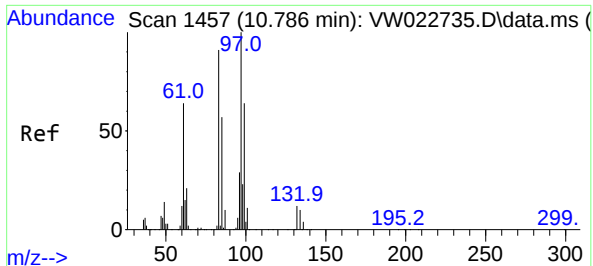
Tgt Ion: 91 Resp: 475005
Ion Ratio Lower Upper
91 100
92 59.7 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.554 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 75 Resp: 152073
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.121 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Instrument :

MSVOA_W

ClientSampleId :

EXL04MS

Tgt Ion: 97 Resp: 93979

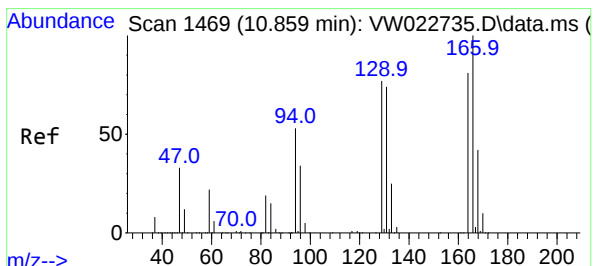
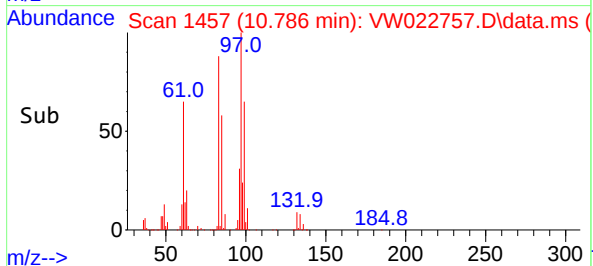
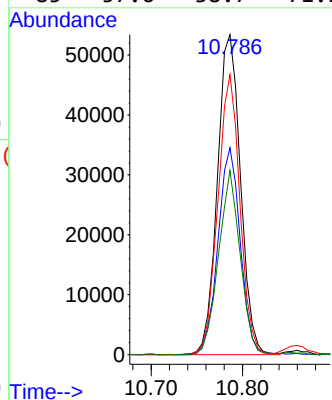
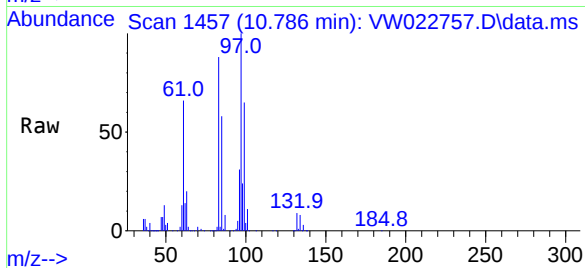
Ion Ratio Lower Upper

97 100

99 64.6 44.7 82.9

83 87.5 58.4 108.4

85 57.6 38.7 71.9



#46

Tetrachloroethene

Concen: 22.130 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Tgt Ion:164 Resp: 84577

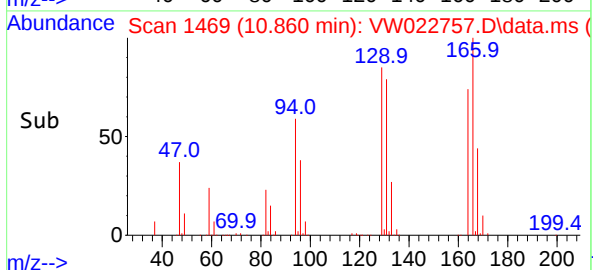
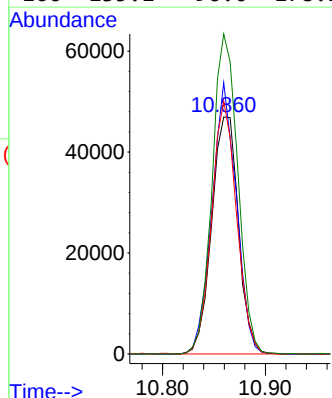
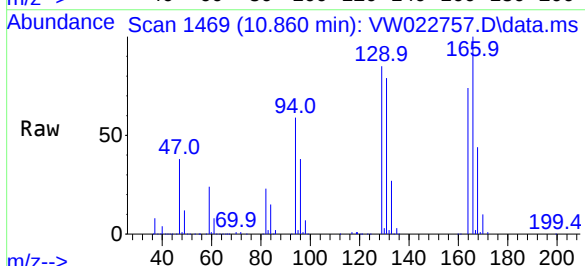
Ion Ratio Lower Upper

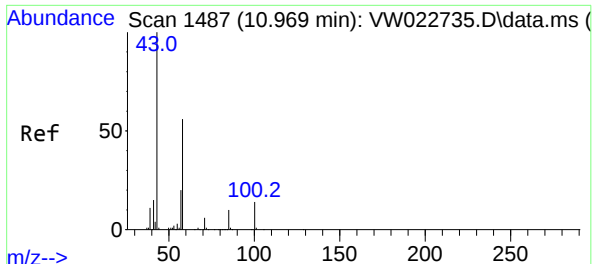
164 100

129 114.5 76.9 142.7

131 106.7 75.1 139.5

166 135.1 96.0 178.2



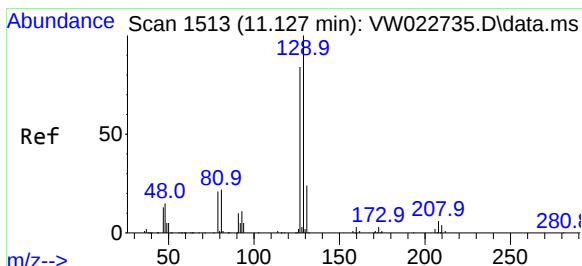
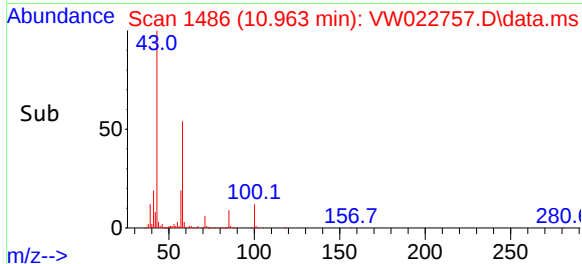
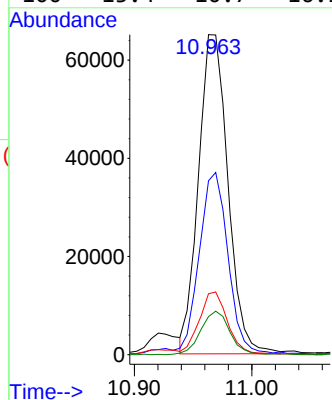
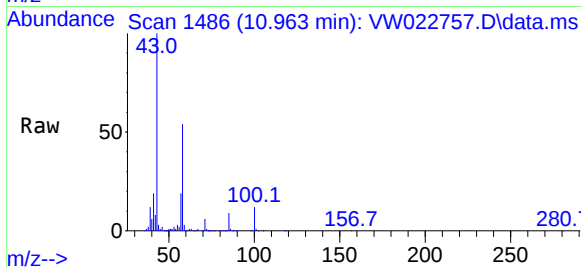


#48
2-Hexanone
Concen: 60.182 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

Tgt Ion: 43 Resp: 113421

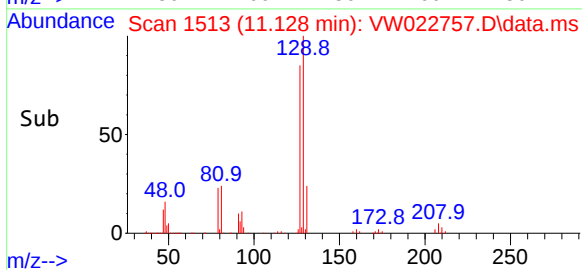
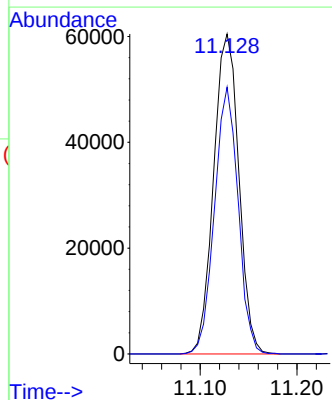
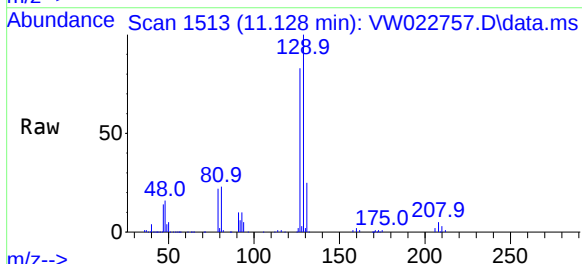
Ion	Ratio	Lower	Upper
43	100		
58	54.6	45.9	68.9
57	18.8	16.2	24.2
100	13.4	10.7	16.1

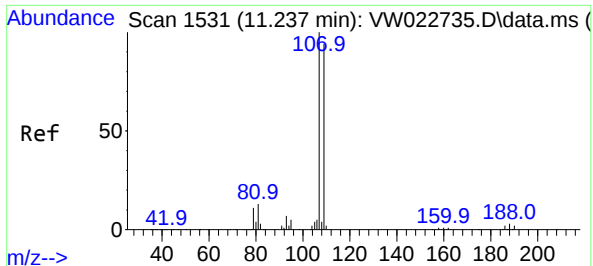


#49
Dibromochloromethane
Concen: 24.341 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion: 129 Resp: 109593

Ion	Ratio	Lower	Upper
129	100		
127	83.4	53.8	100.0



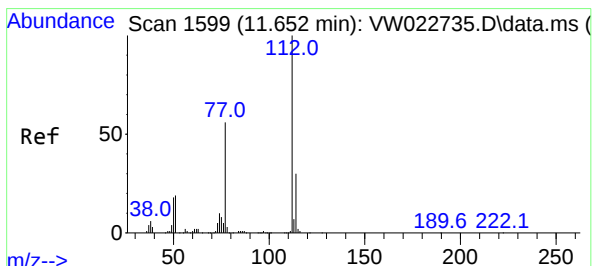
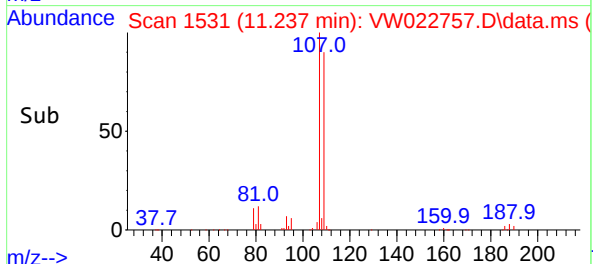
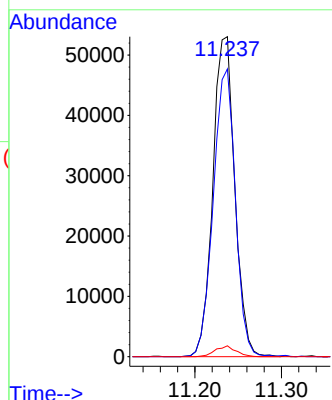
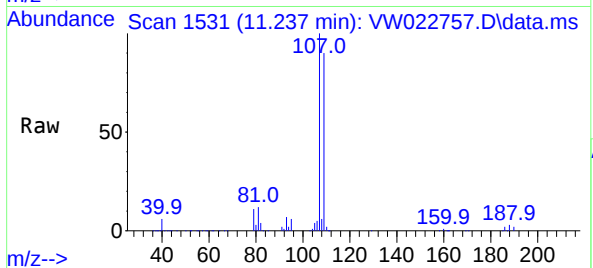


#50
1,2-Dibromoethane
Concen: 24.859 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

Tgt Ion:107 Resp: 93383

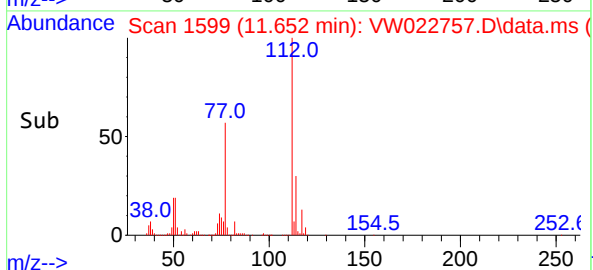
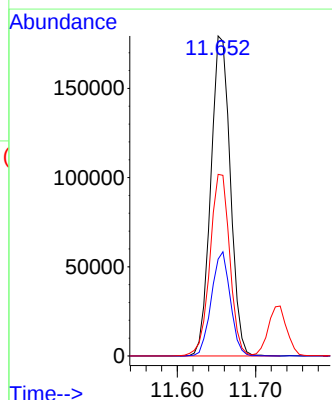
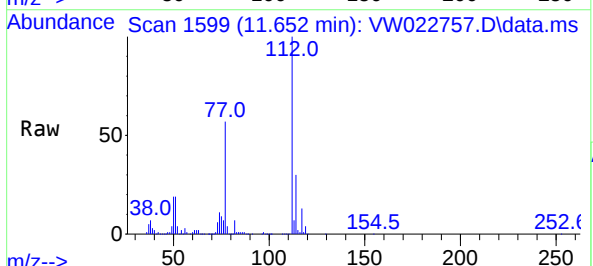
Ion	Ratio	Lower	Upper
107	100		
109	89.9	67.5	125.4
188	3.4	2.9	4.3

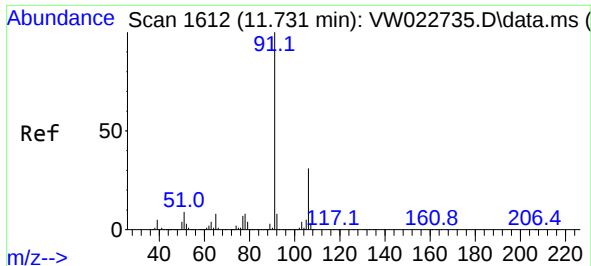


#51
Chlorobenzene
Concen: 22.725 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:112 Resp: 310489

Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.0	41.0
77	56.7	42.6	63.8

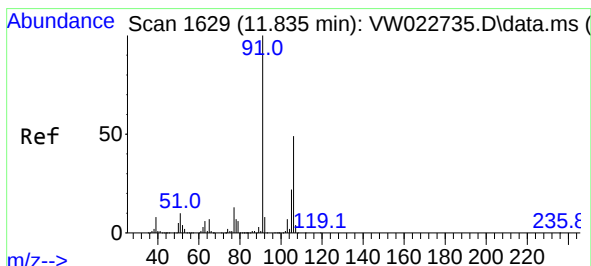
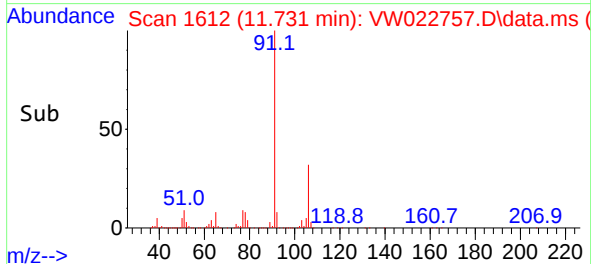
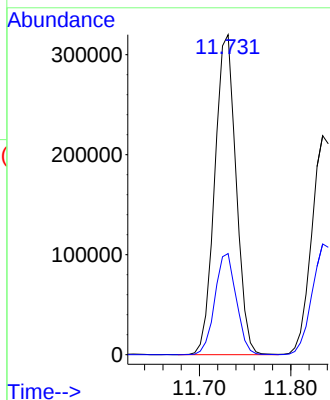
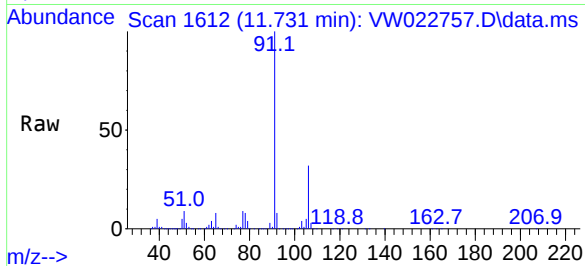




#52
Ethylbenzene
Concen: 22.547 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

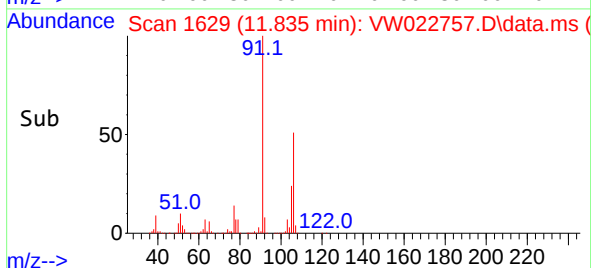
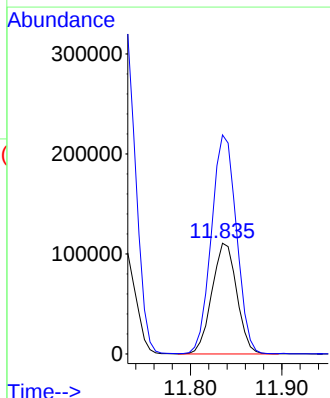
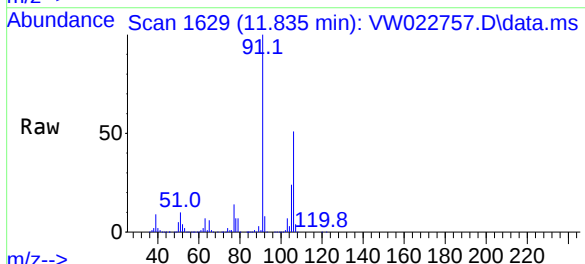
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

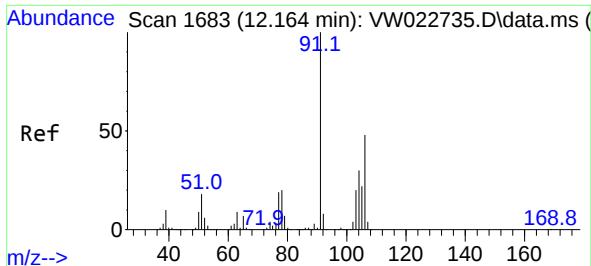
Tgt Ion: 91 Resp: 519855
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 23.046 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:106 Resp: 209367
Ion Ratio Lower Upper
106 100
91 197.8 136.8 254.0

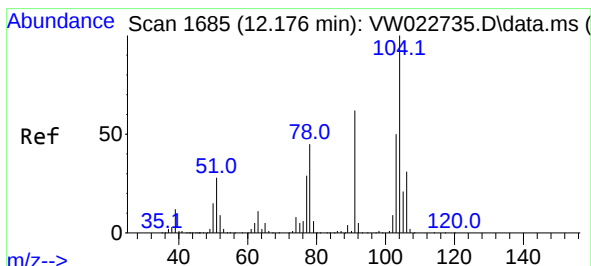
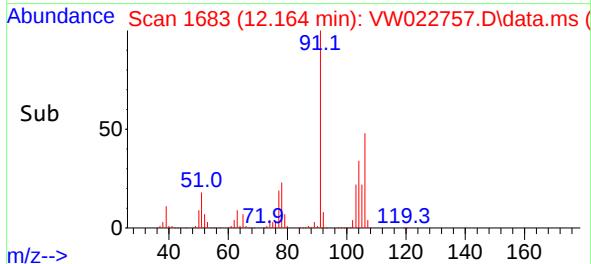
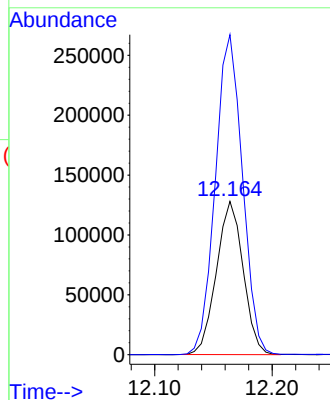
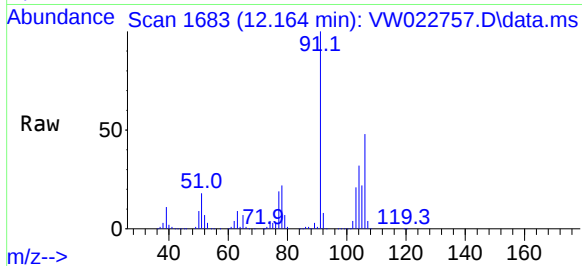




#54
o-Xylene
Concen: 23.200 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

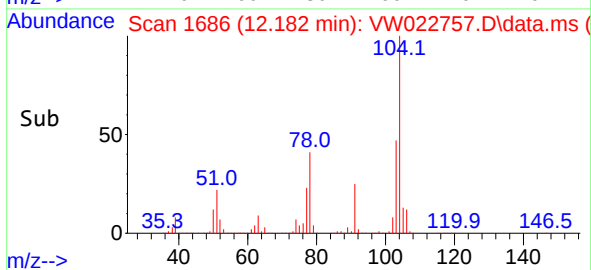
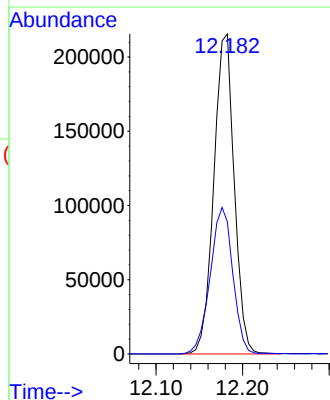
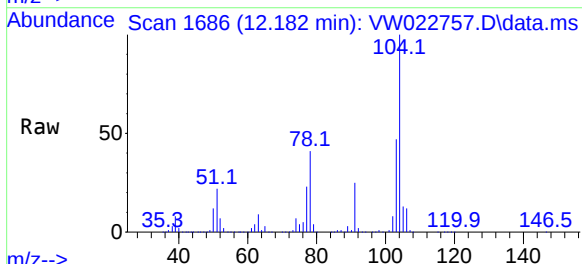
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

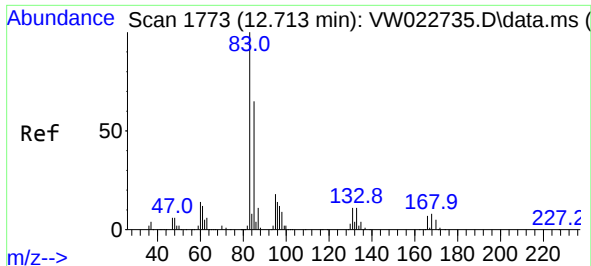
Tgt Ion:106 Resp: 202256
Ion Ratio Lower Upper
106 100
91 208.7 147.2 273.4



#55
Styrene
Concen: 23.836 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:104 Resp: 353089
Ion Ratio Lower Upper
104 100
78 41.2 32.3 59.9

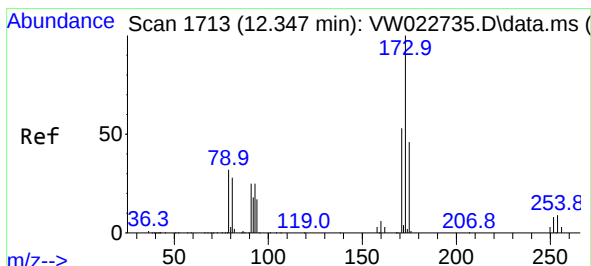
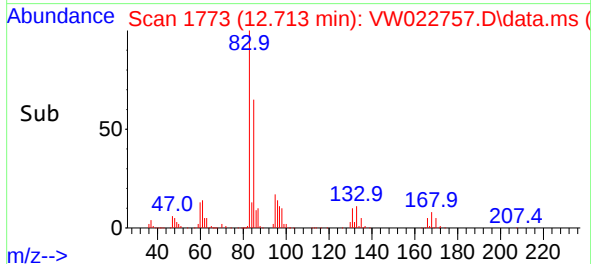
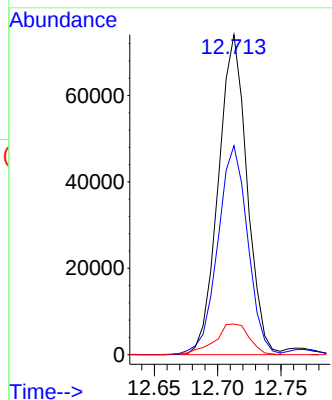
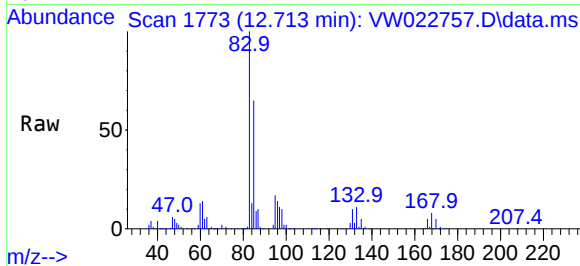




#57
1,1,2,2-Tetrachloroethane
Concen: 24.996 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

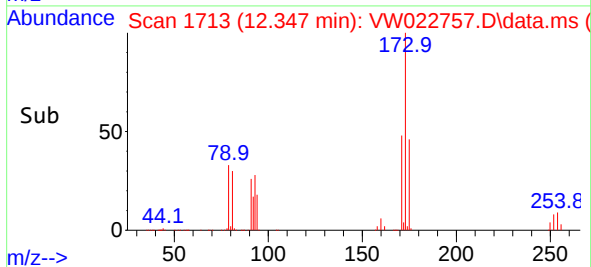
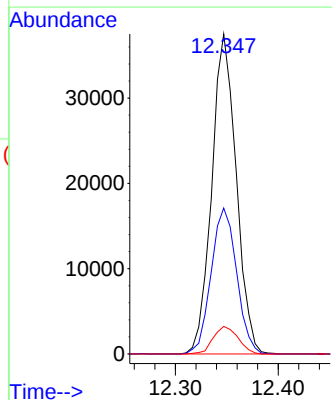
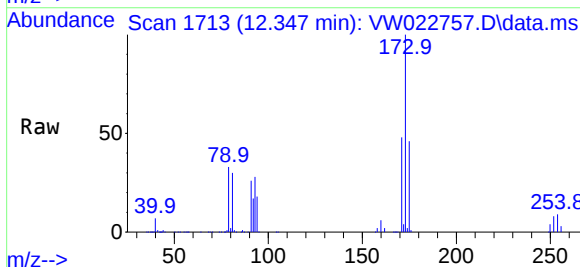
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

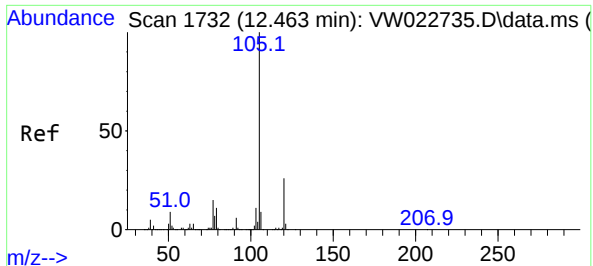
Tgt Ion: 83 Resp: 116795
Ion Ratio Lower Upper
83 100
85 65.3 47.5 88.1
131 9.6 8.7 13.1



#59
Bromoform
Concen: 25.413 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:173 Resp: 61995
Ion Ratio Lower Upper
173 100
175 47.5 38.1 57.1
254 8.7 6.5 9.7

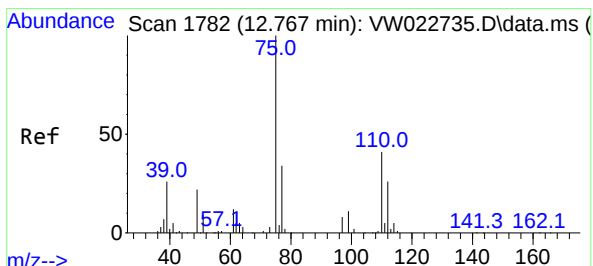
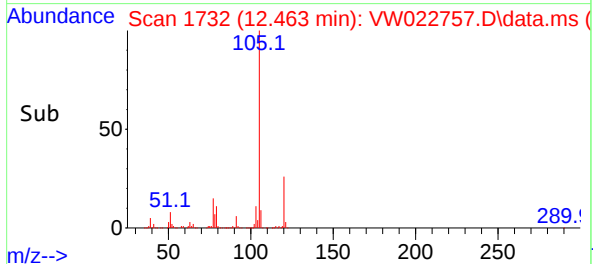
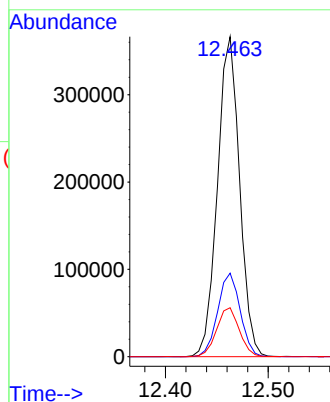
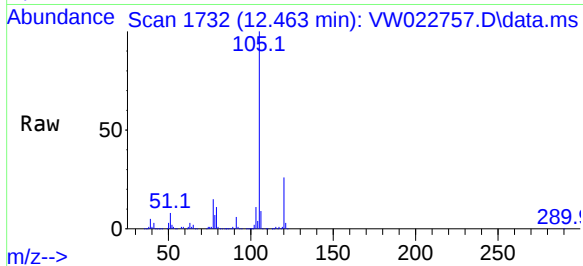




#60
Isopropylbenzene
Concen: 23.197 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

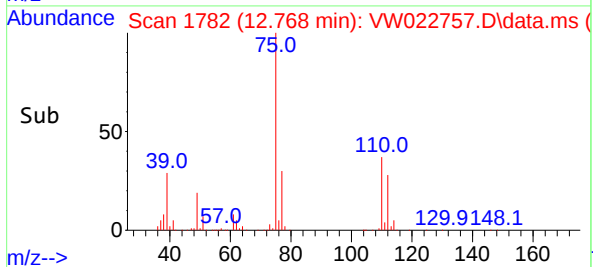
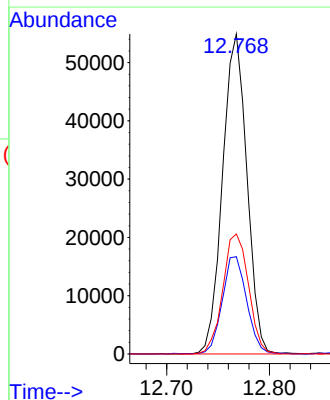
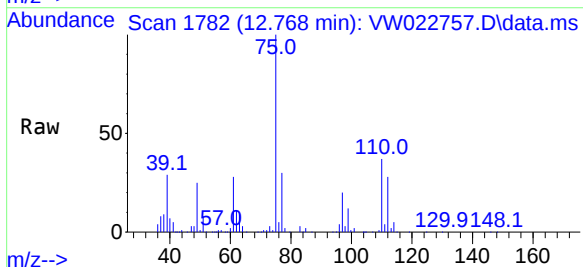
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

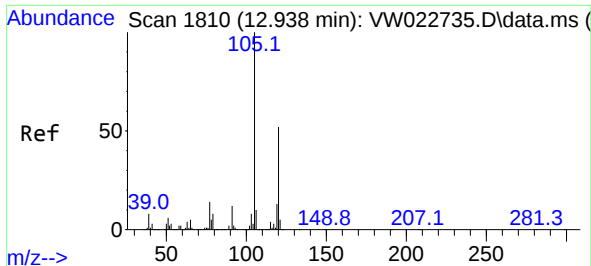
Tgt Ion:	105	Resp:	547034
Ion Ratio	Lower	Upper	
105	100		
120	26.5	21.3	31.9
77	15.8	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 26.246 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:	75	Resp:	90270
Ion Ratio	Lower	Upper	
75	100		
77	30.7	26.2	39.2
110	39.6	34.1	51.1

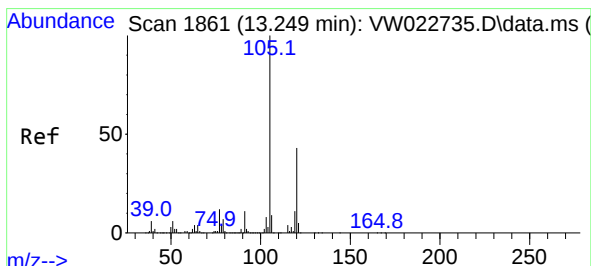
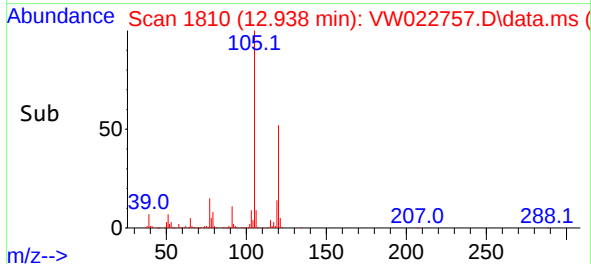
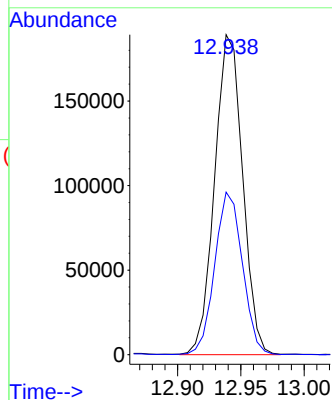
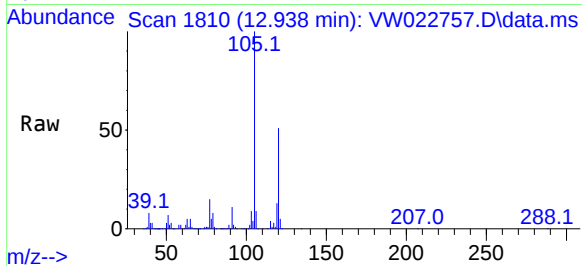




#62
1,3,5-Trimethylbenzene
Concen: 22.204 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

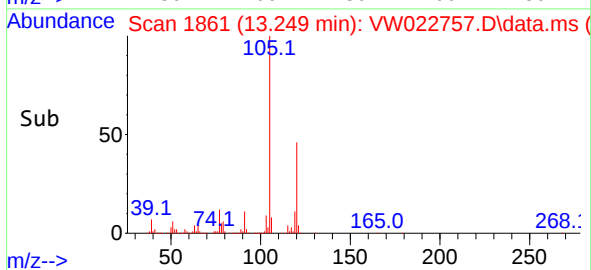
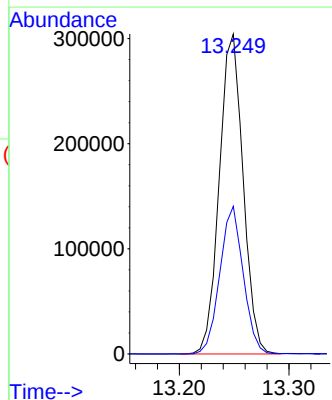
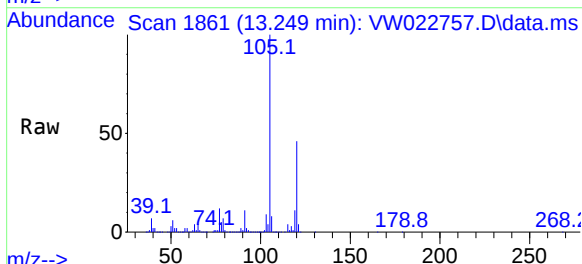
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

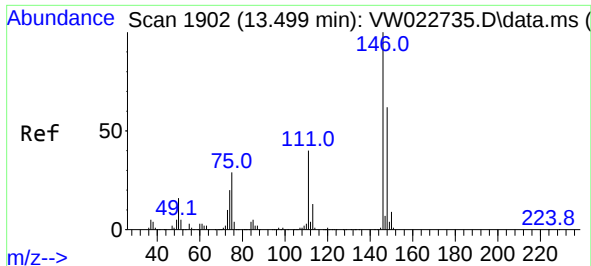
Tgt Ion:105 Resp: 291311
Ion Ratio Lower Upper
105 100
120 50.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 23.302 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:105 Resp: 459027
Ion Ratio Lower Upper
105 100
120 45.3 37.4 56.2

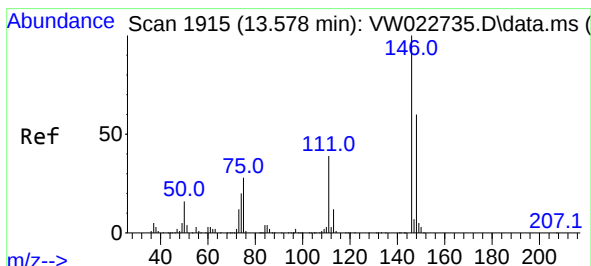
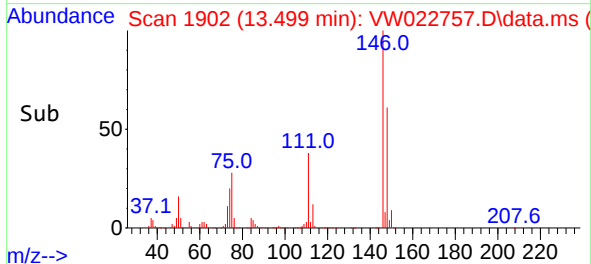
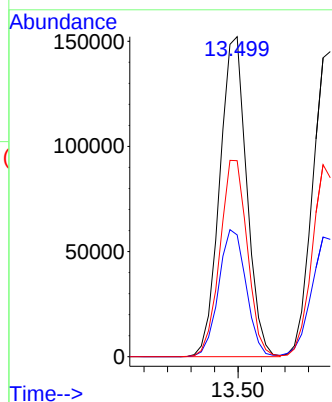
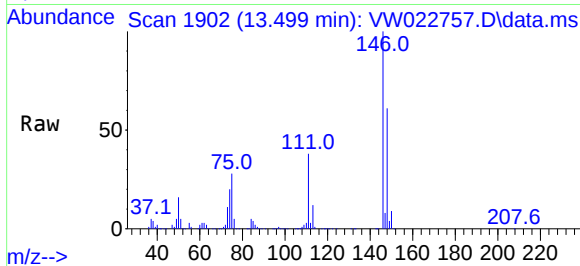




#64
1,3-Dichlorobenzene
Concen: 23.050 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

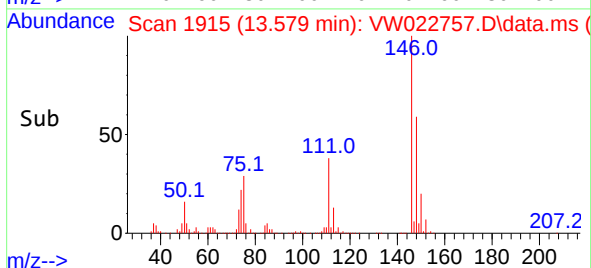
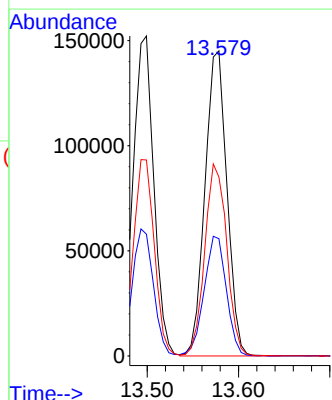
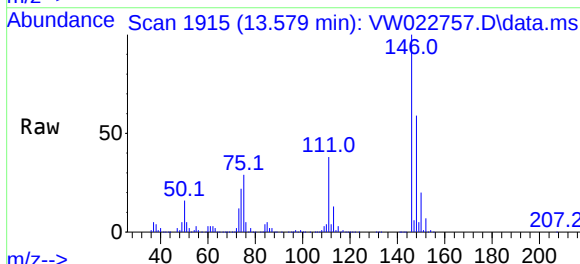
Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

Tgt Ion:146 Resp: 242678
Ion Ratio Lower Upper
146 100
111 38.1 29.5 54.9
148 61.2 48.6 90.2

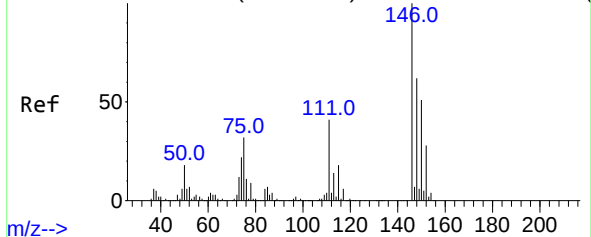


#65
1,4-Dichlorobenzene
Concen: 22.237 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

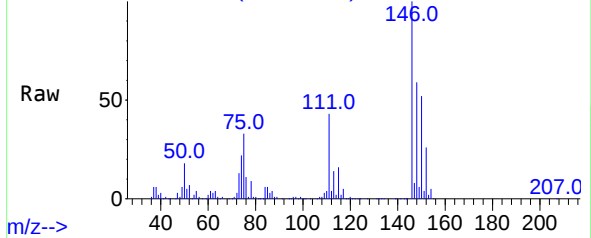
Tgt Ion:146 Resp: 241824
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 58.7 44.0 81.6



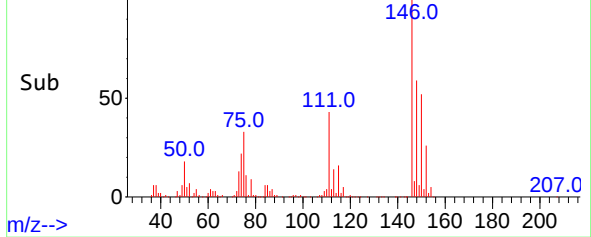
Abundance Scan 1962 (13.865 min): VW022735.D\data.ms (



m/z--> Abundance Scan 1962 (13.865 min): VW022757.D\data.ms



m/z--> Abundance Scan 1962 (13.865 min): VW022757.D\data.ms (



m/z-->

#67

1,2-Dichlorobenzene

Concen: 23.491 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Instrument :

MSVOA_W

ClientSampleId :

EXL04MS

Tgt Ion:146 Resp: 226325

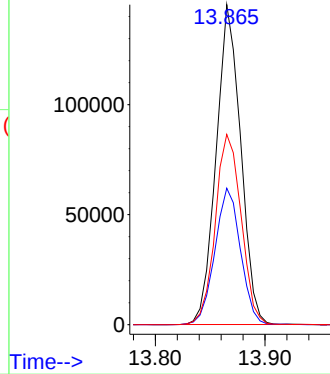
Ion Ratio Lower Upper

146 100

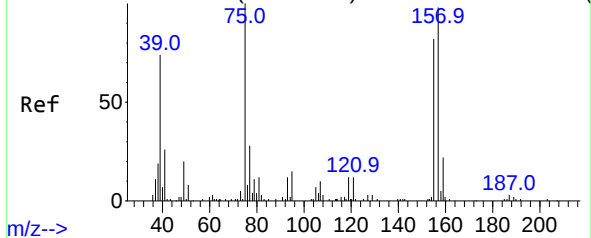
111 42.7 35.7 53.5

148 59.4 52.6 79.0

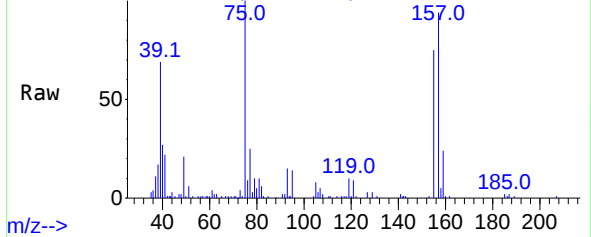
Abundance



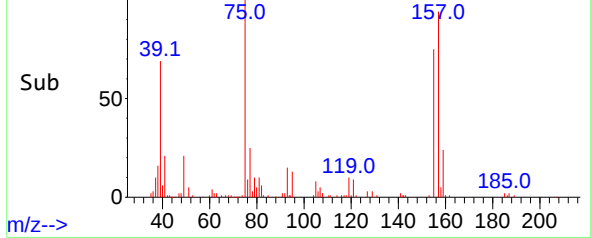
Abundance Scan 2063 (14.480 min): VW022735.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW022757.D\data.ms



m/z--> Abundance Scan 2063 (14.481 min): VW022757.D\data.ms (



m/z-->

#68

1,2-Dibromo-3-chloropropane

Concen: 27.009 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022757.D

Acq: 02 May 2022 22:17

Tgt Ion: 75 Resp: 20302

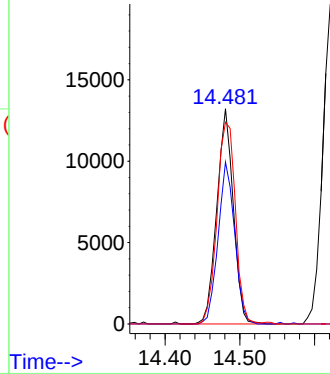
Ion Ratio Lower Upper

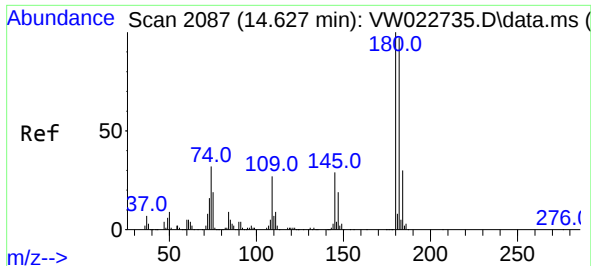
75 100

155 75.3 59.3 88.9

157 93.8 89.8 134.8

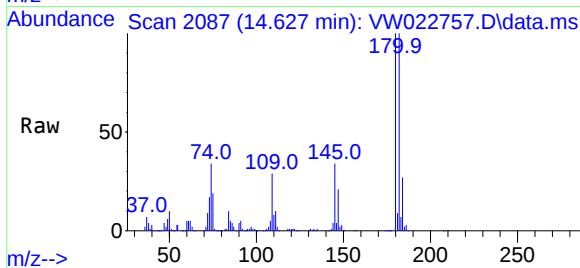
Abundance





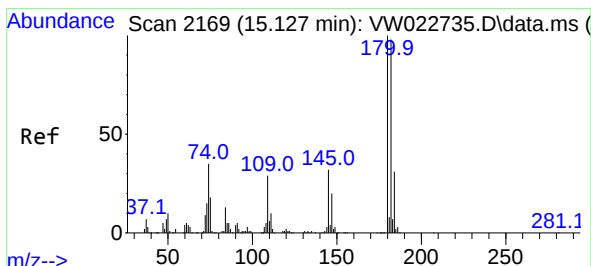
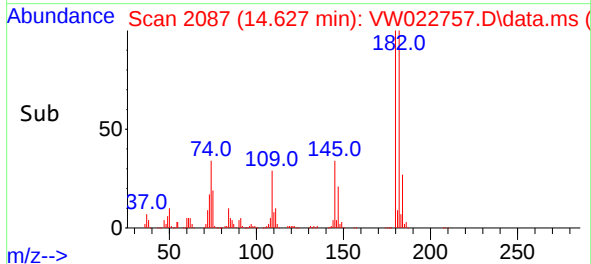
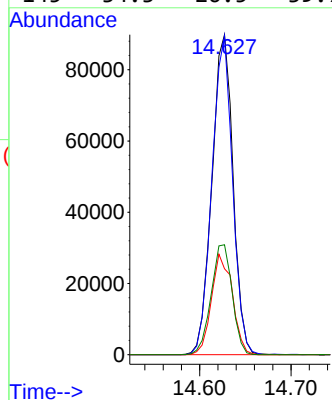
#69
1,3,5-Trichlorobenzene
Concen: 20.590 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Instrument :
MSVOA_W
ClientSampleId :
EXL04MS



Tgt Ion:180 Resp: 143901

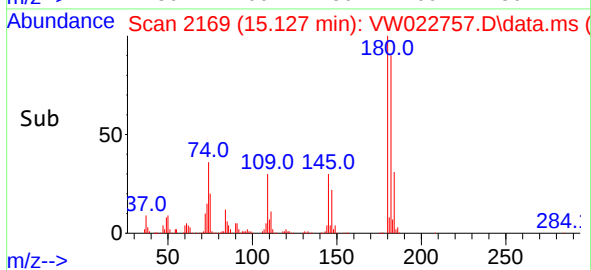
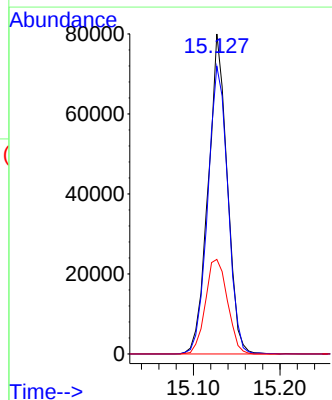
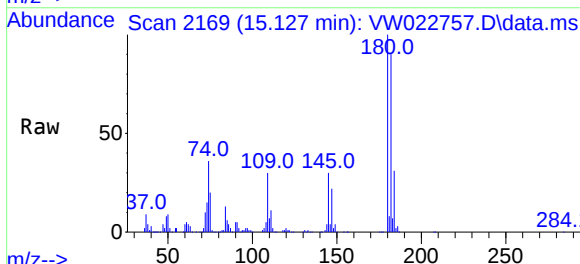
Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.8	112.2
184	31.2	23.4	35.2
145	34.3	26.5	39.7

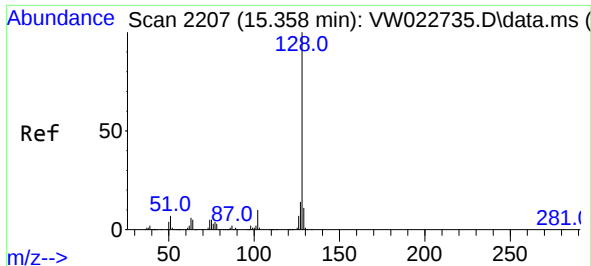


#70
1,2,4-trichlorobenzene
Concen: 21.759 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:180 Resp: 122326

Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.9	112.3
145	34.1	26.6	39.8

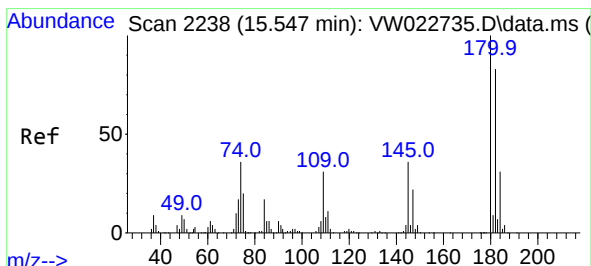
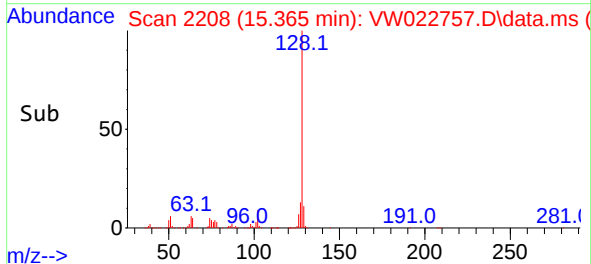
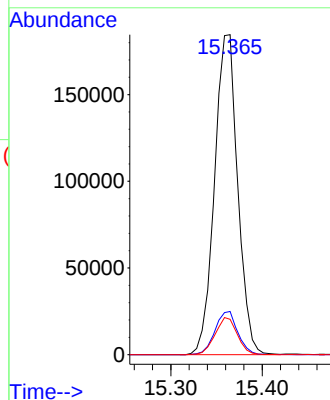
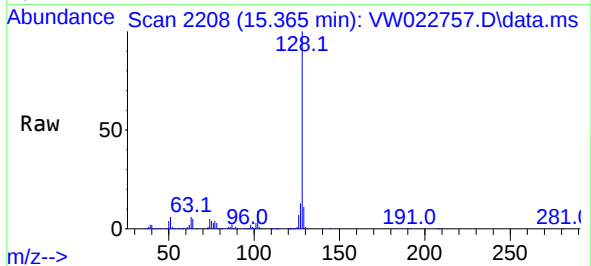




#71
Naphthalene
Concen: 26.607 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Instrument :
MSVOA_W
ClientSampleId :
EXL04MS

Tgt Ion:128 Resp: 325104
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.128 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW022757.D
Acq: 02 May 2022 22:17

Tgt Ion:180 Resp: 110256
Ion Ratio Lower Upper
180 100
182 94.4 73.5 110.3
145 36.7 27.9 41.9

