

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023048.D
 Acq On : 16 May 2022 13:09
 Operator : SY/VA
 Sample : N2821-19MS
 Misc : 5.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXLD9MS

Quant Time: May 17 01:26:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	333607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	320681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	114411	16.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.880%
7) Chloroethane-d5	2.885	69	95529	21.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	4.019	63	157611	17.822	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.280%
21) 2-Butanone-d5	7.074	46	73925	56.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.620%
24) Chloroform-d	7.647	84	238428	24.394	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	8.305	65	133259	24.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.440%
32) Benzene-d6	8.275	84	412928	22.340	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	9.274	67	131944	25.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	10.323	98	379082	21.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.579	79	56487	23.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.927	63	61934	62.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142064	29.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	127480	23.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	50540	27.791	ug/L	91
3) Chloromethane	2.215	50	76837	21.864	ug/L	97
5) Vinyl chloride	2.361	62	142632	20.224	ug/L	96
6) Bromomethane	2.776	94	83929	18.534	ug/L	99
8) Chloroethane	2.916	64	78372	23.039	ug/L	95
9) Trichlorofluoromethane	3.251	101	56880	17.645	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	100790	20.911	ug/L	96
12) 1,1-Dichloroethene	4.038	96	85931	20.111	ug/L	92
13) Acetone	4.129	43	46400	47.624	ug/L	99
14) Carbon disulfide	4.385	76	178246	15.216	ug/L	100
15) Methyl Acetate	4.672	43	43106	22.022	ug/L	98
16) Methylene chloride	4.922	84	102373	20.972	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	98659	20.518	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	189108	25.763	ug/L	99
19) 1,1-Dichloroethane	6.214	63	189135	23.209	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	117775	22.804	ug/L #	97
22) 2-Butanone	7.171	43	75137	55.144	ug/L	96
23) Bromochloromethane	7.513	128	57200	23.649	ug/L	92
25) Chloroform	7.677	83	216200	23.993	ug/L	98

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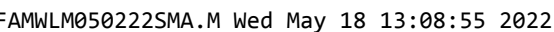
Instrument :
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 ClientSampleId :
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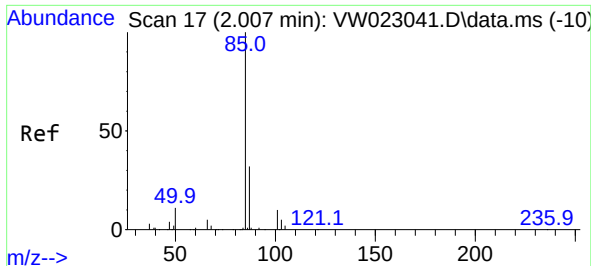
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147839	24.612	ug/L	97
29) Cyclohexane	7.958	56	131089	18.902	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	176510	23.292	ug/L	99
31) Carbon tetrachloride	8.061	117	157391	22.202	ug/L	99
33) Benzene	8.323	78	431065	22.818	ug/L	100
34) Trichloroethene	9.092	95	110945	21.355	ug/L	96
35) Methylcyclohexane	9.335	83	143769	16.845	ug/L	99
37) 1,2-Dichloropropane	9.366	63	109819	24.022	ug/L	99
38) Bromodichloromethane	9.646	83	160306	24.687	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	167278	23.598	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	154335	53.560	ug/L	99
42) Toluene	10.390	91	484927	22.905	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	152927	24.170	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98506	25.775	ug/L	99
46) Tetrachloroethene	10.860	164	78705	20.158	ug/L	94
48) 2-Hexanone	10.969	43	113568	58.987	ug/L	95
49) Dibromochloromethane	11.128	129	112020	24.354	ug/L	86
50) 1,2-Dibromoethane	11.231	107	95695	24.937	ug/L	97
51) Chlorobenzene	11.658	112	314743	22.550	ug/L	95
52) Ethylbenzene	11.731	91	516003	21.907	ug/L	97
53) m,p-Xylene	11.841	106	205646	22.158	ug/L	97
54) o-Xylene	12.164	106	200728	22.539	ug/L	97
55) Styrene	12.176	104	339642	22.443	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120857	25.319	ug/L	95
59) Bromoform	12.347	173	60867	27.141	ug/L	98
60) Isopropylbenzene	12.463	105	523619	24.153	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90095	28.494	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	274186	22.733	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	426587	23.555	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	206753	21.361	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	205213	20.526	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	197477	22.296	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18086	26.172	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	101714	15.831	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	74257	14.368	ug/L	98
71) Naphthalene	15.365	128	207205	18.446	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	63035	13.761	ug/L	94

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

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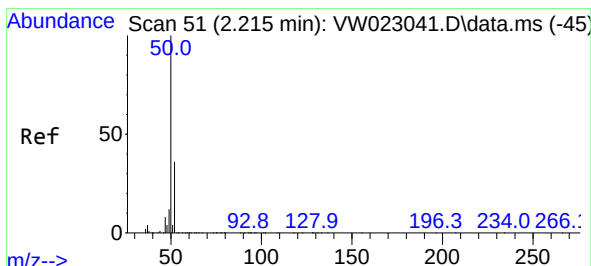
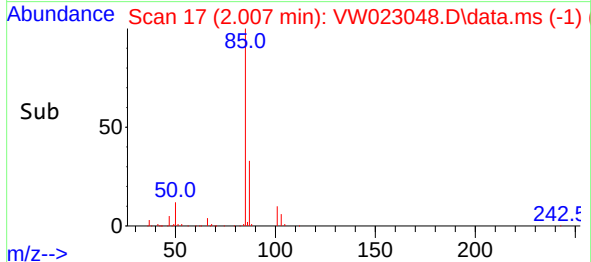
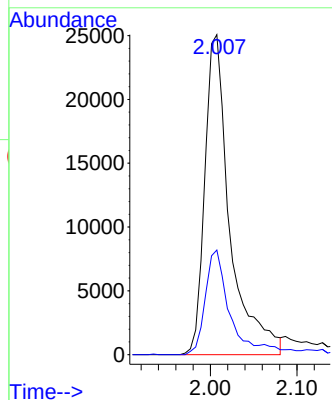
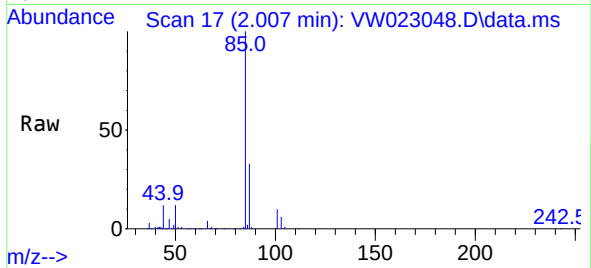




#2
Dichlorodifluoromethane
Concen: 27.791 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

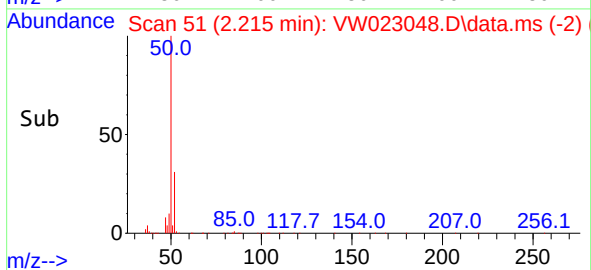
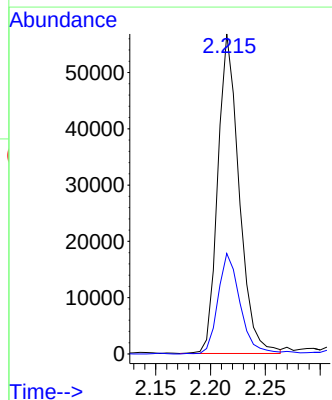
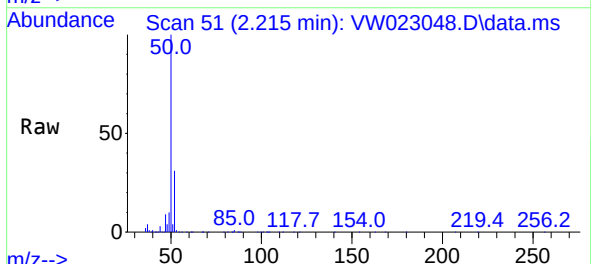
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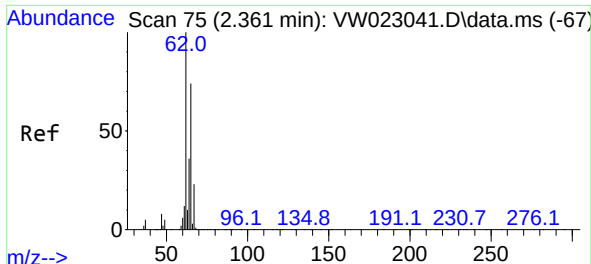
Tgt Ion: 85 Resp: 50540
Ion Ratio Lower Upper
85 100
87 29.6 27.8 41.8



#3
Chloromethane
Concen: 21.864 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 50 Resp: 76837
Ion Ratio Lower Upper
50 100
52 31.4 23.1 42.9

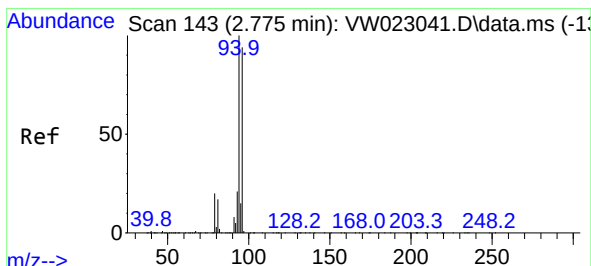
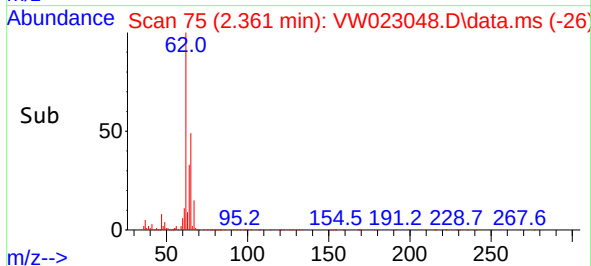
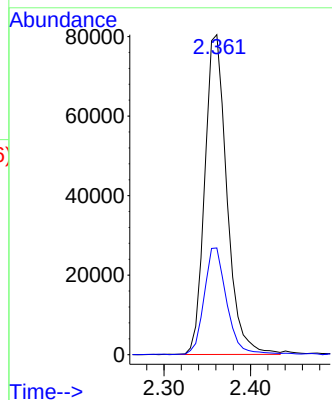
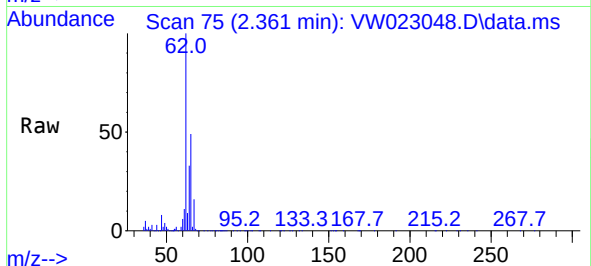




#5
 Vinyl chloride
 Concen: 20.224 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023048.D
 Acq: 16 May 2022 13:09

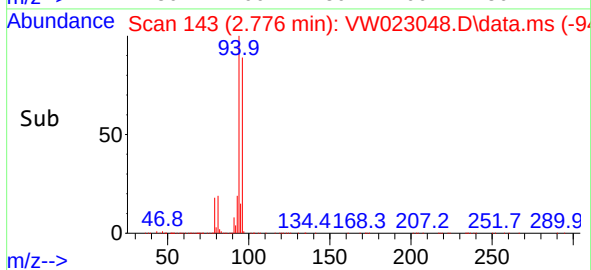
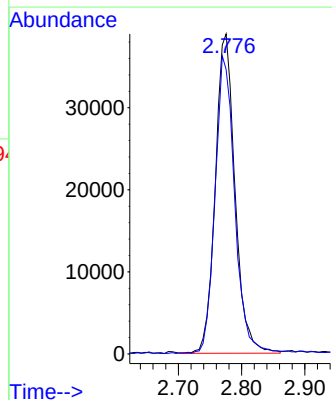
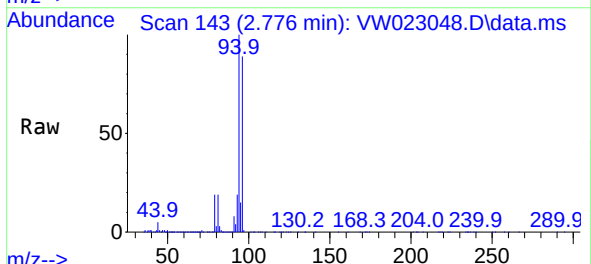
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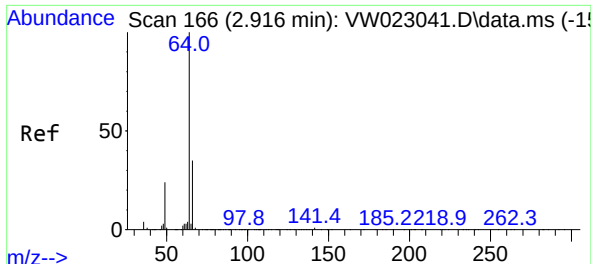
Tgt Ion: 62 Resp: 142632
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.9 46.3



#6
 Bromomethane
 Concen: 18.534 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023048.D
 Acq: 16 May 2022 13:09

Tgt Ion: 94 Resp: 83929
 Ion Ratio Lower Upper
 94 100
 96 88.9 61.7 114.5

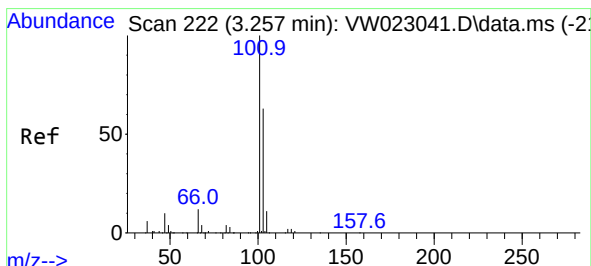
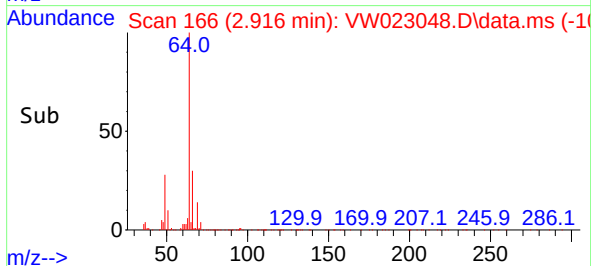
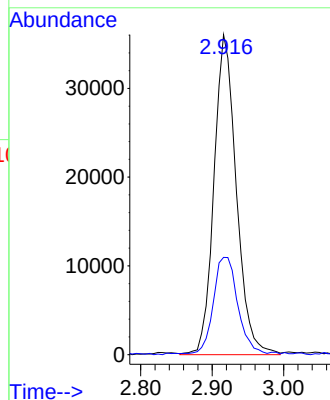
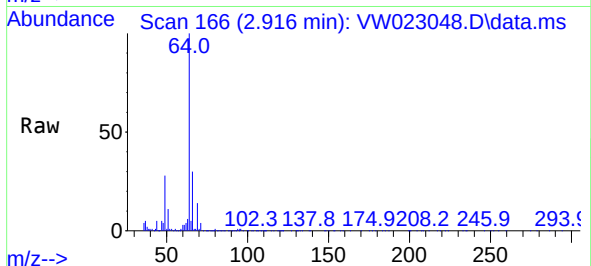




#8
Chloroethane
Concen: 23.039 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

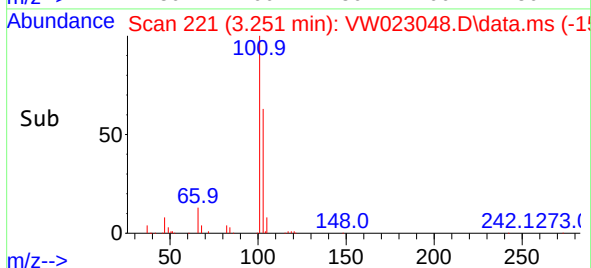
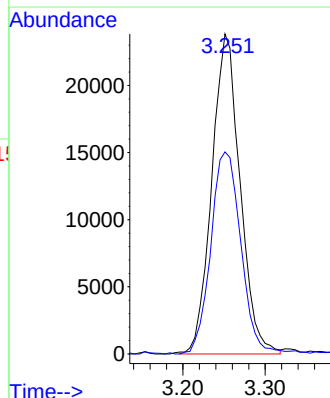
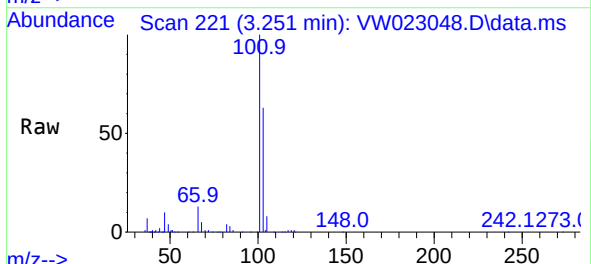
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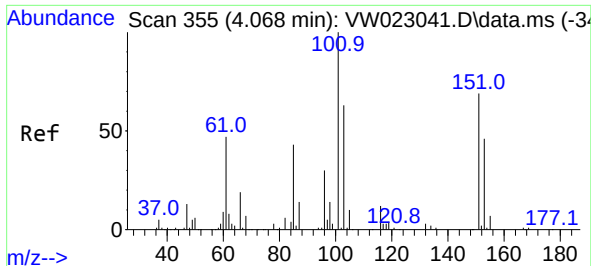
Tgt Ion: 64 Resp: 78372
Ion Ratio Lower Upper
64 100
66 30.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 17.645 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion:101 Resp: 56880
Ion Ratio Lower Upper
101 100
103 67.0 53.9 80.9

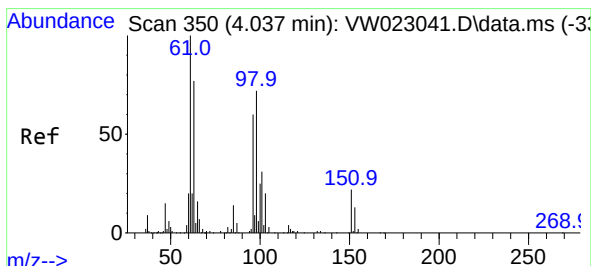
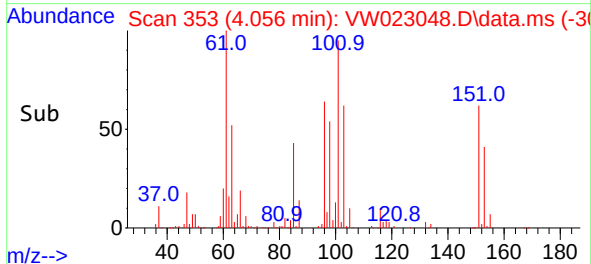
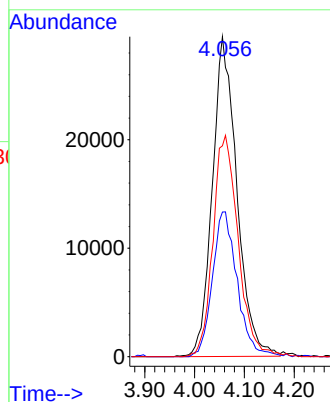
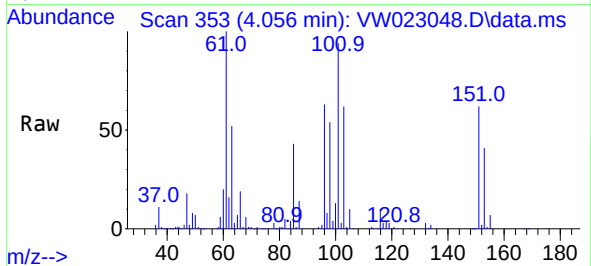




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.911 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW023048.D
 Acq: 16 May 2022 13:09

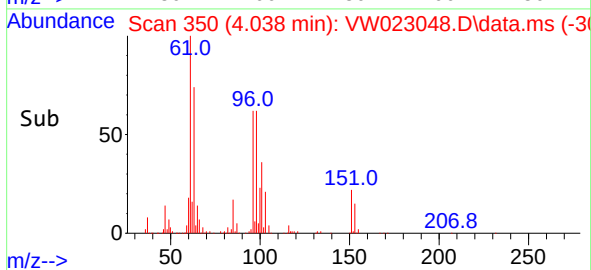
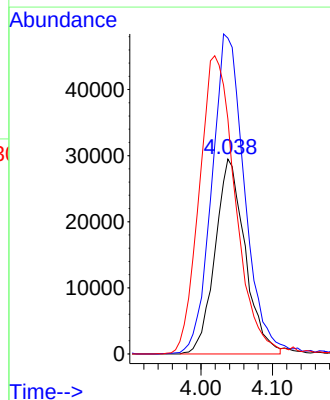
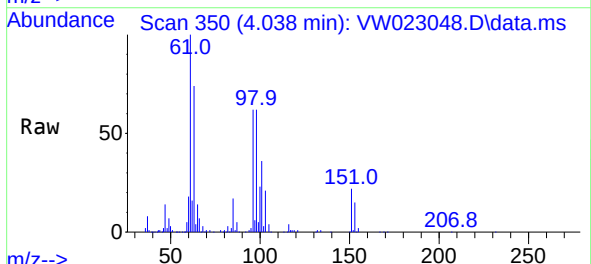
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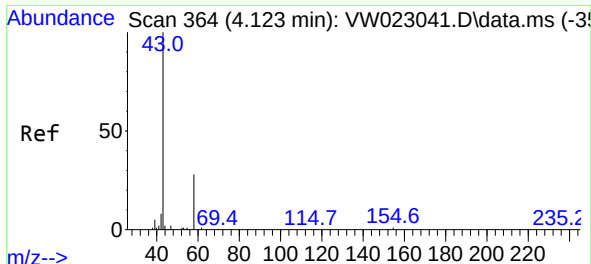
Tgt Ion:101 Resp: 100790
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.3 51.5
 151 70.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.111 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023048.D
 Acq: 16 May 2022 13:09

Tgt Ion: 96 Resp: 85931
 Ion Ratio Lower Upper
 96 100
 61 162.1 125.7 233.5
 63 120.7 83.4 155.0

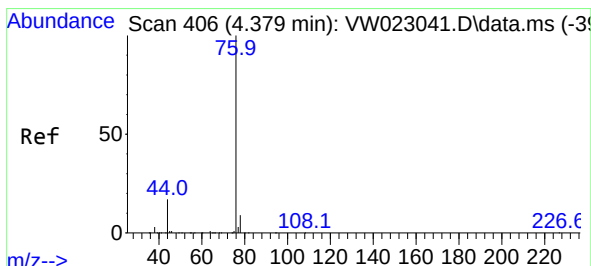
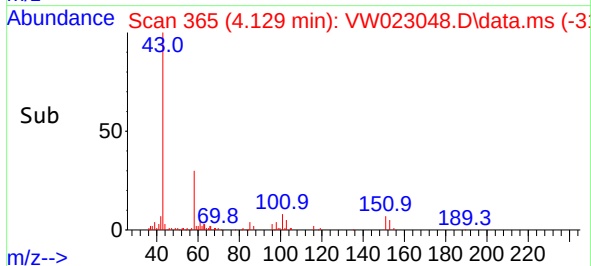
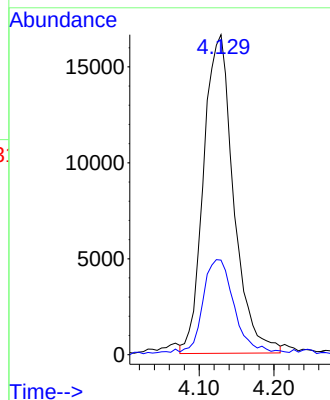
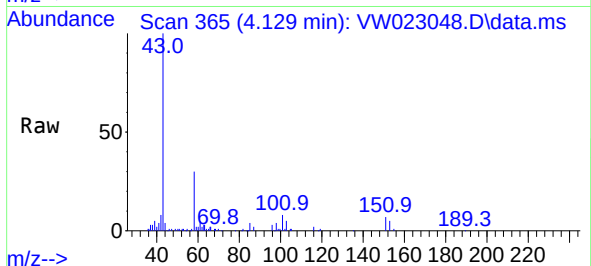




#13
Acetone
Concen: 47.624 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

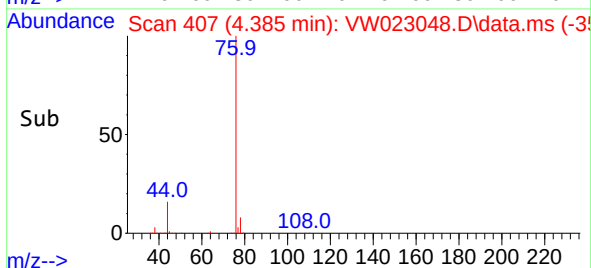
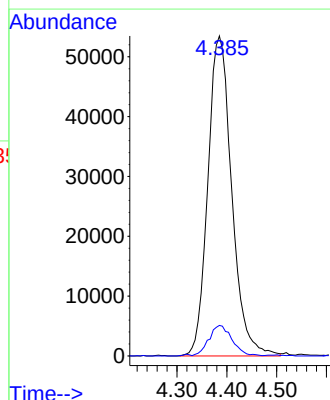
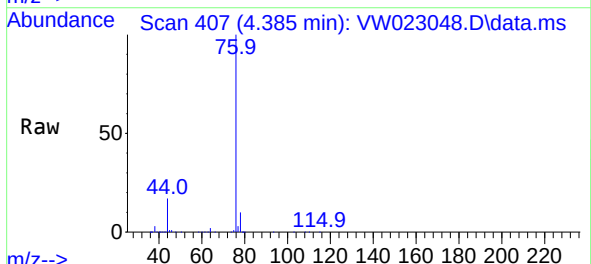
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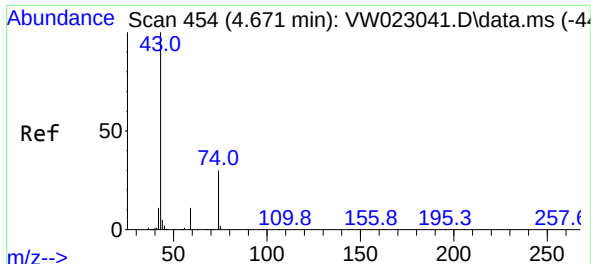
Tgt Ion: 43 Resp: 46400
Ion Ratio Lower Upper
43 100
58 31.2 0.0 64.0



#14
Carbon disulfide
Concen: 15.216 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 76 Resp: 178246
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5





#15

Methyl Acetate

Concen: 22.022 ug/L

RT: 4.672 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

ClientSampleId :

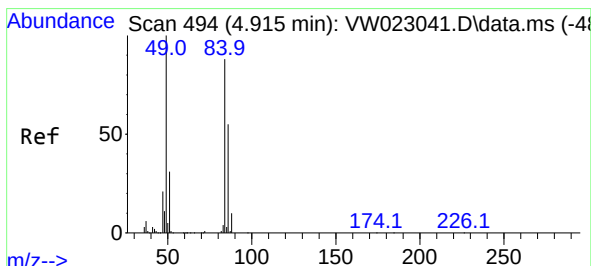
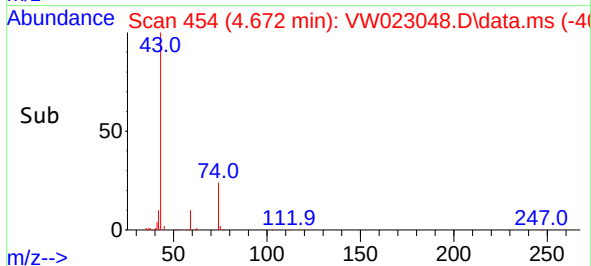
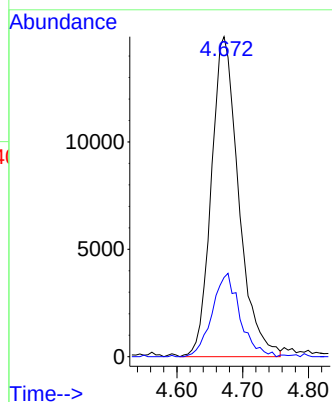
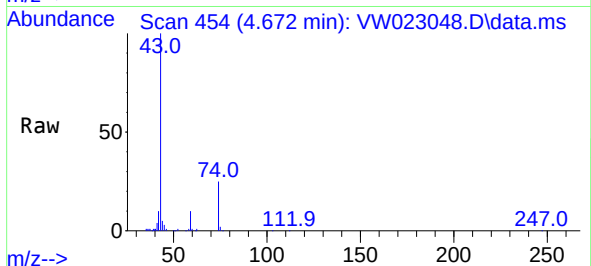
EXLD9MS

Tgt Ion: 43 Resp: 43106

Ion Ratio Lower Upper

43 100

74 26.2 21.9 32.9



#16

Methylene chloride

Concen: 20.972 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.006 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

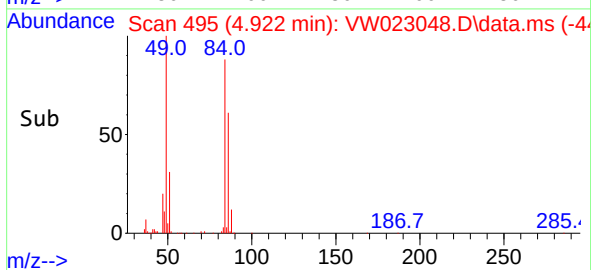
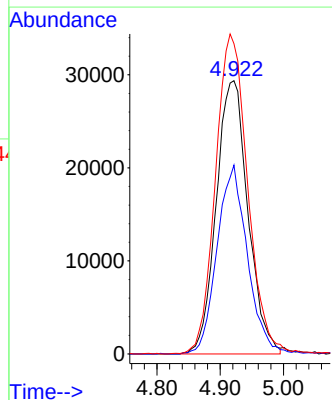
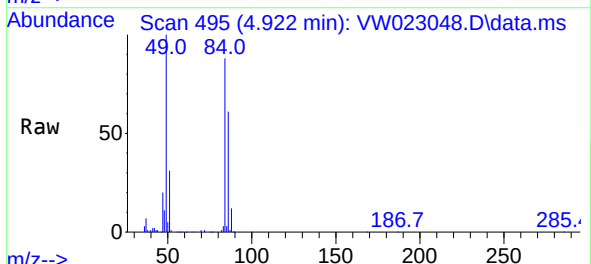
Tgt Ion: 84 Resp: 102373

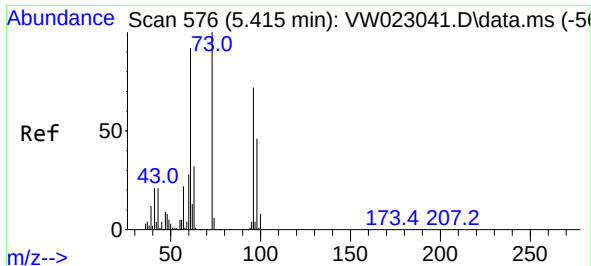
Ion Ratio Lower Upper

84 100

86 69.1 45.4 84.4

49 113.5 82.5 153.1

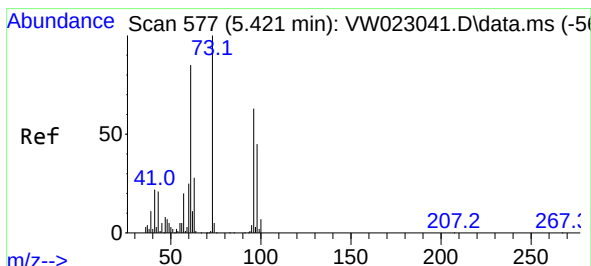
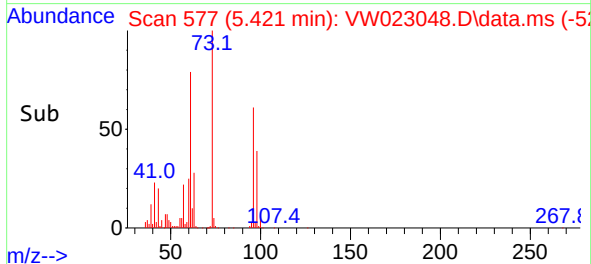
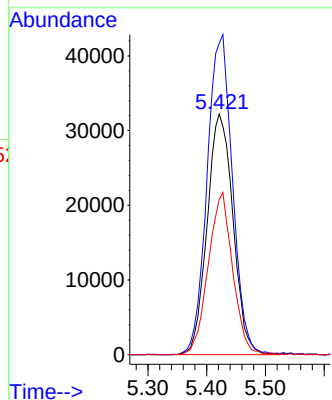
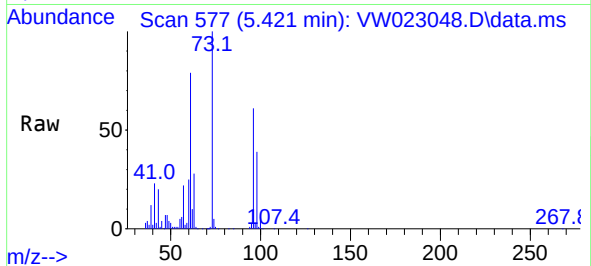




#17
trans-1,2-Dichloroethene
Concen: 20.518 ug/L
RT: 5.421 min Scan# 517
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

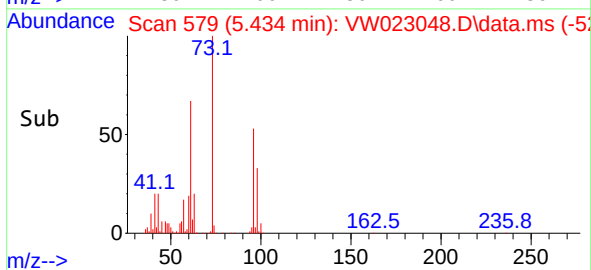
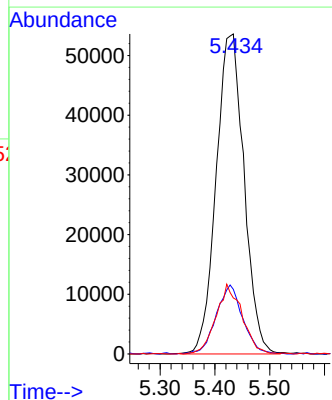
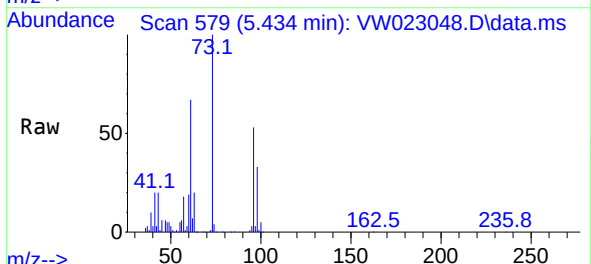
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

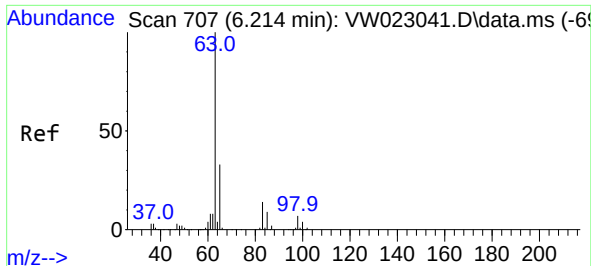
Tgt Ion: 96 Resp: 98659
Ion Ratio Lower Upper
96 100
61 129.5 92.2 171.2
98 64.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.763 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 73 Resp: 189108
Ion Ratio Lower Upper
73 100
43 20.6 15.9 23.9
57 20.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.209 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MS

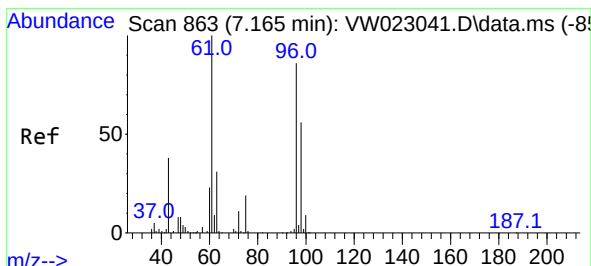
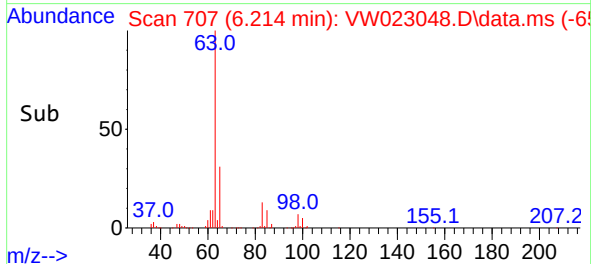
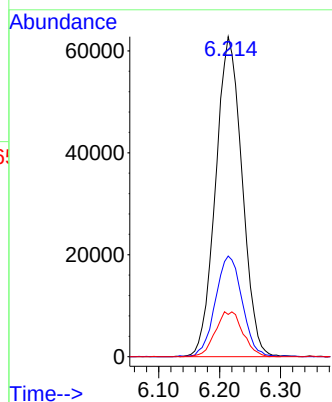
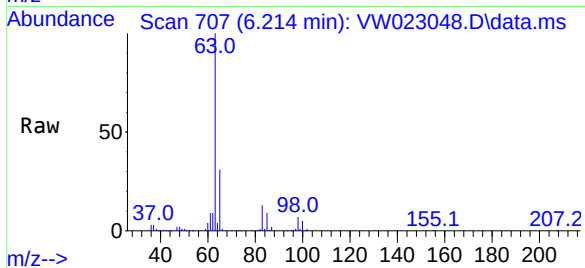
Tgt Ion: 63 Resp: 189135

Ion Ratio Lower Upper

63 100

65 31.5 23.3 43.3

83 13.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.804 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

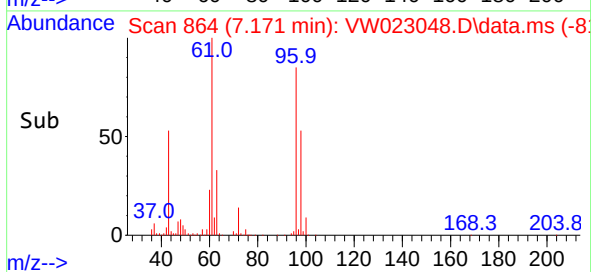
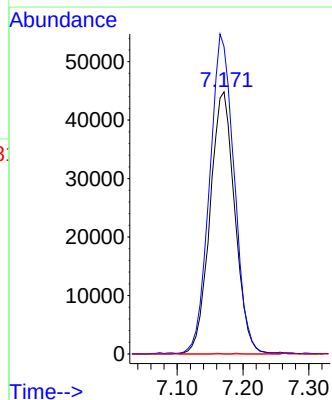
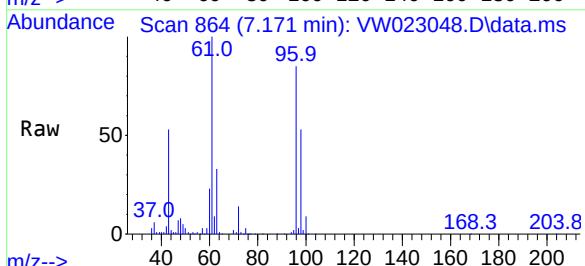
Tgt Ion: 96 Resp: 117775

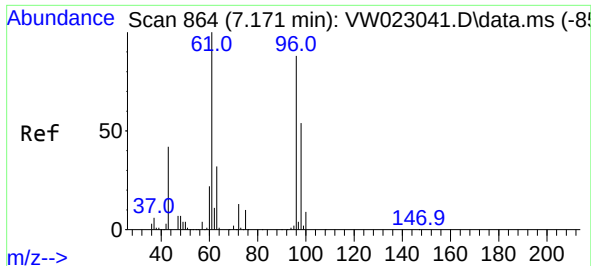
Ion Ratio Lower Upper

96 100

61 117.2 84.2 156.4

68 0.0 0.1 0.1#

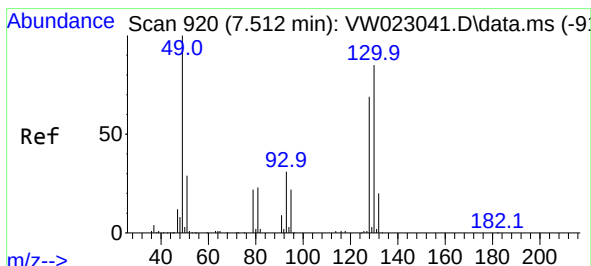
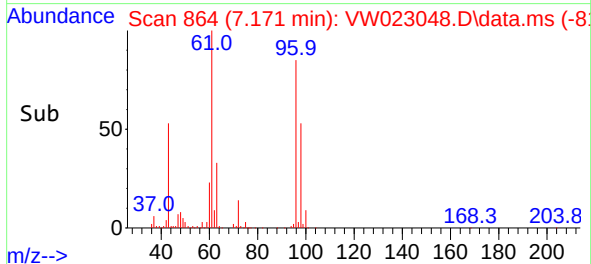
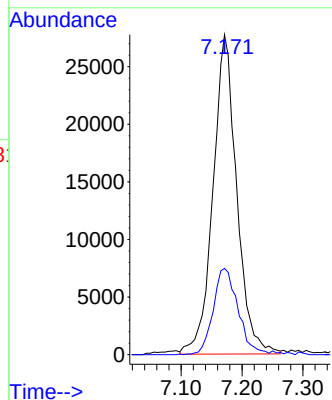
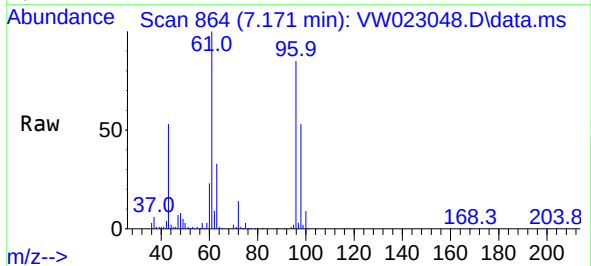




#22
2-Butanone
Concen: 55.144 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

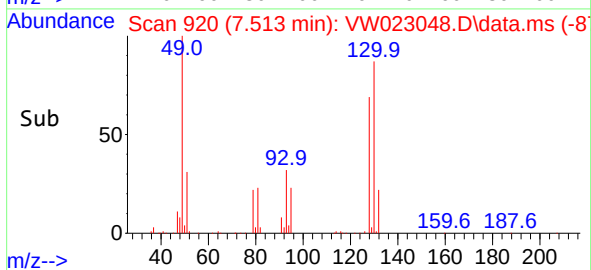
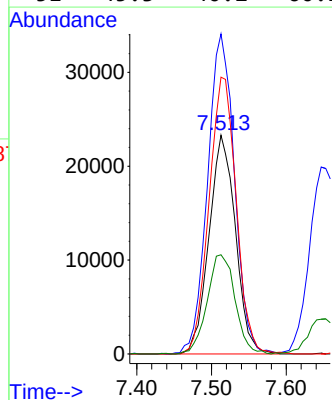
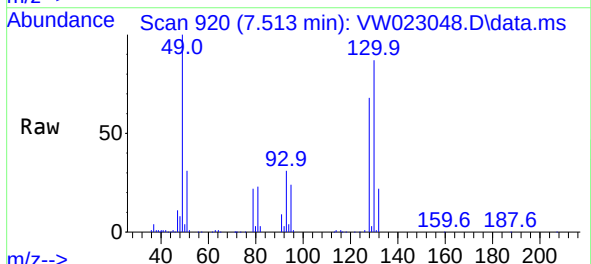
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

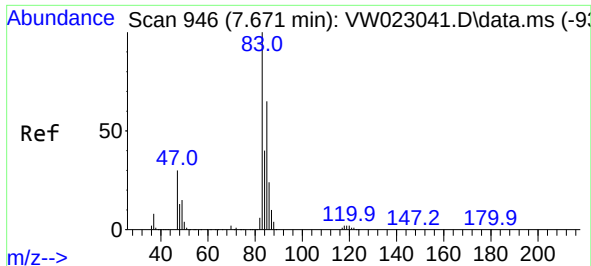
Tgt Ion: 43 Resp: 75137
Ion Ratio Lower Upper
43 100
72 28.1 15.1 45.3



#23
Bromochloromethane
Concen: 23.649 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 128 Resp: 57200
Ion Ratio Lower Upper
128 100
49 146.3 110.0 204.4
130 126.5 94.8 176.0
51 45.3 40.2 60.2





#25

Chloroform

Concen: 23.993 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.006 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

ClientSampleId :

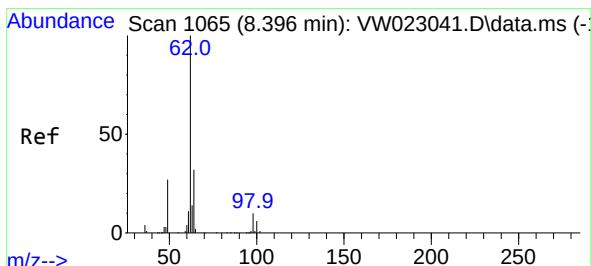
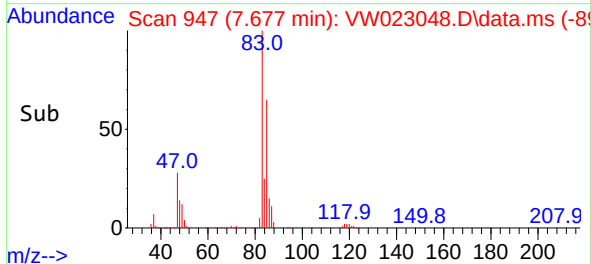
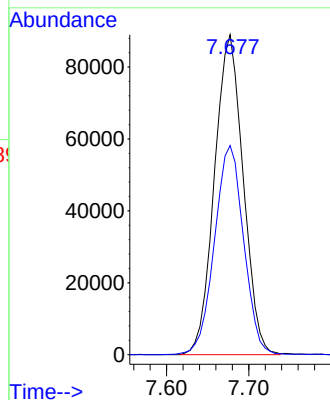
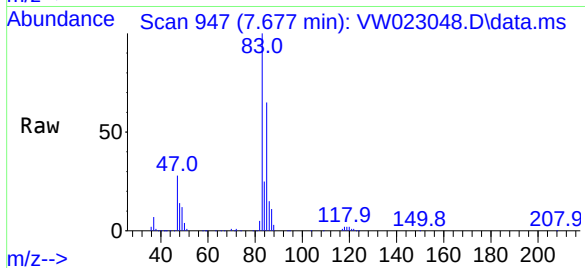
EXLD9MS

Tgt Ion: 83 Resp: 216200

Ion Ratio Lower Upper

83 100

85 65.4 46.6 86.6



#27

1,2-Dichloroethane

Concen: 24.612 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023048.D

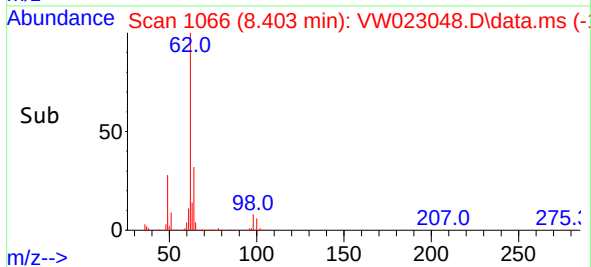
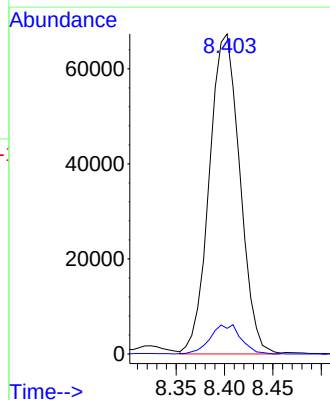
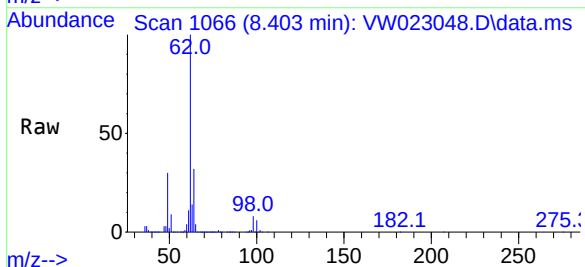
Acq: 16 May 2022 13:09

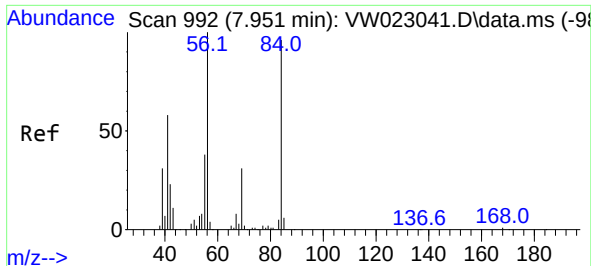
Tgt Ion: 62 Resp: 147839

Ion Ratio Lower Upper

62 100

98 8.0 7.2 10.8





#29

Cyclohexane

Concen: 18.902 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MS

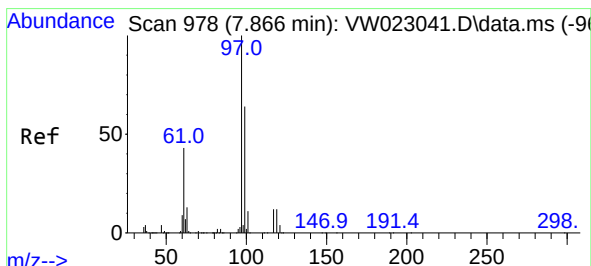
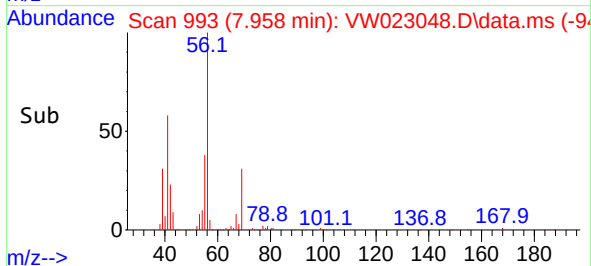
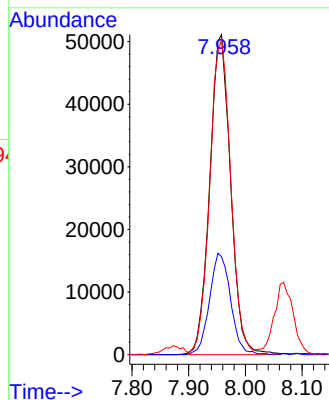
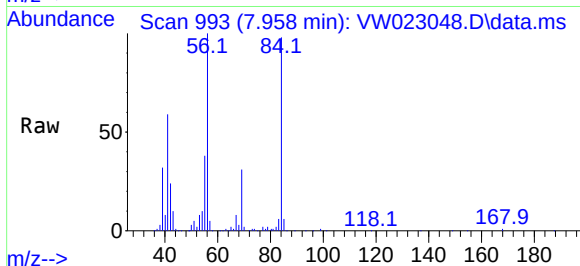
Tgt Ion: 56 Resp: 131089

Ion Ratio Lower Upper

56 100

69 31.6 25.6 38.4

84 98.6 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.292 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

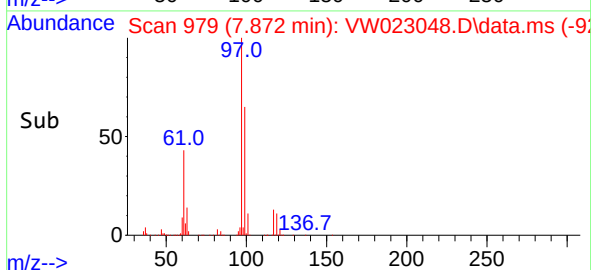
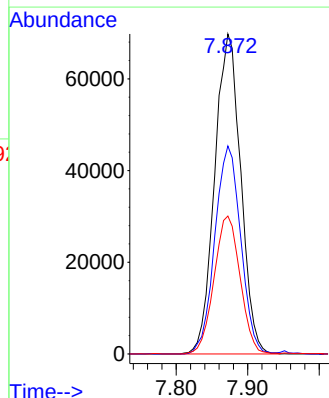
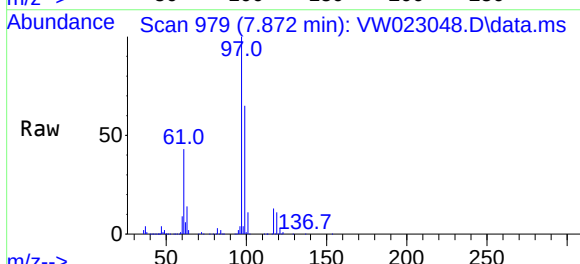
Tgt Ion: 97 Resp: 176510

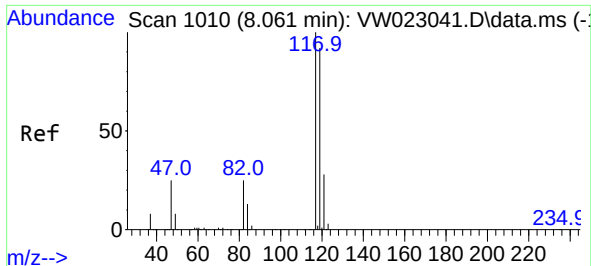
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 43.2 34.8 52.2

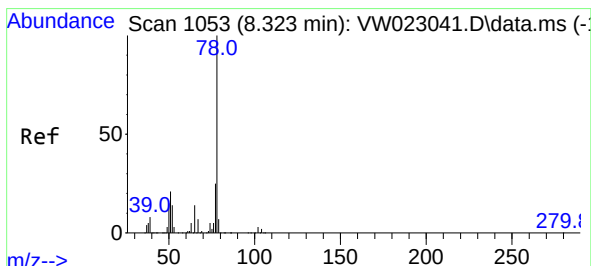
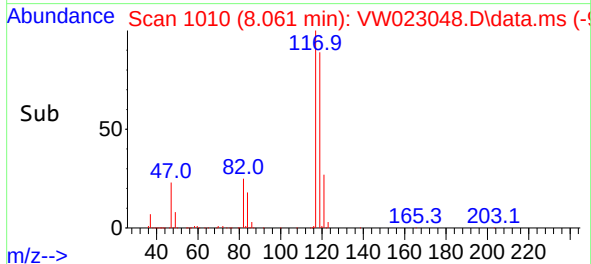
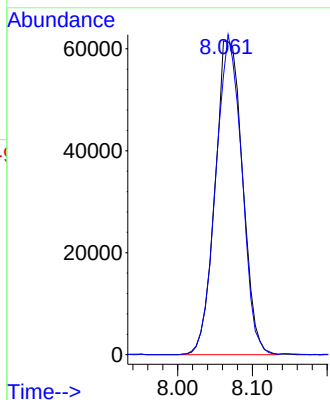
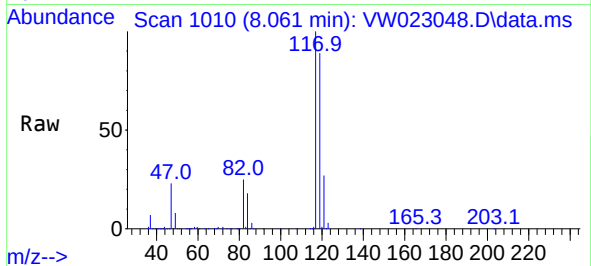




#31
Carbon tetrachloride
Concen: 22.202 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

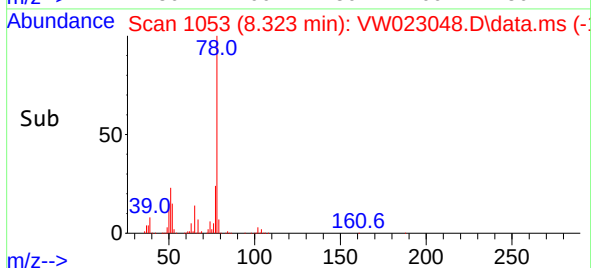
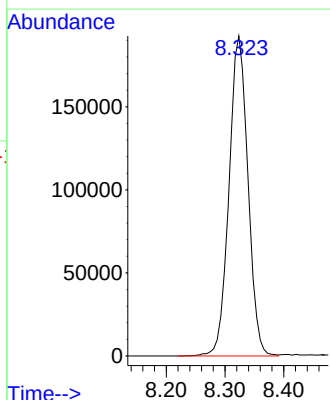
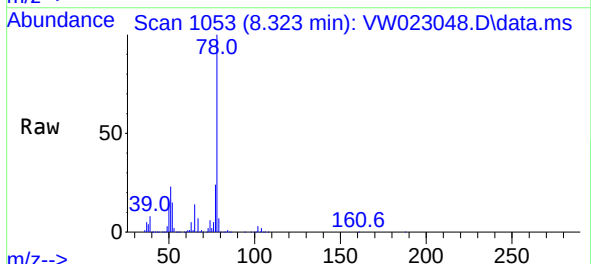
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

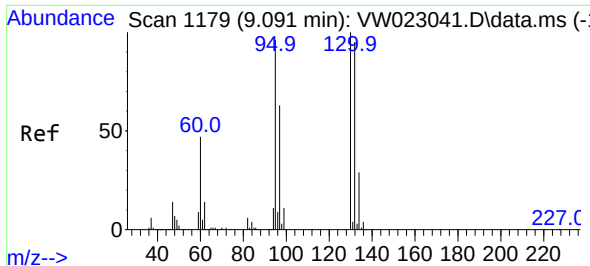
Tgt Ion:117 Resp: 157391
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0



#33
Benzene
Concen: 22.818 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 78 Resp: 431065

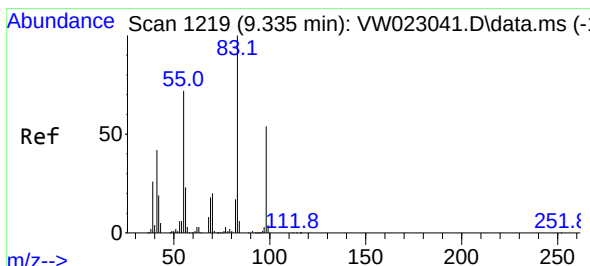
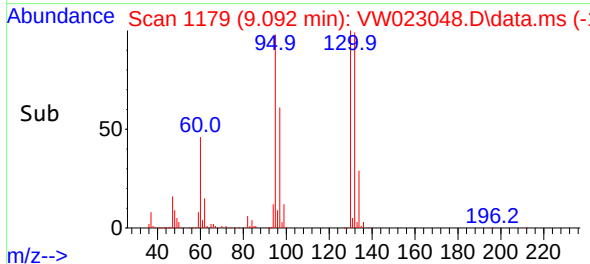
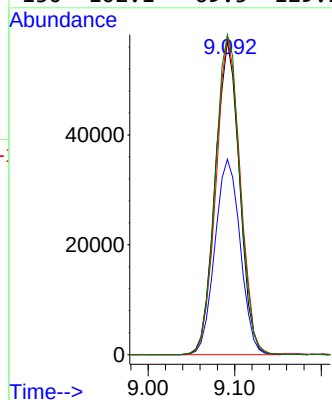
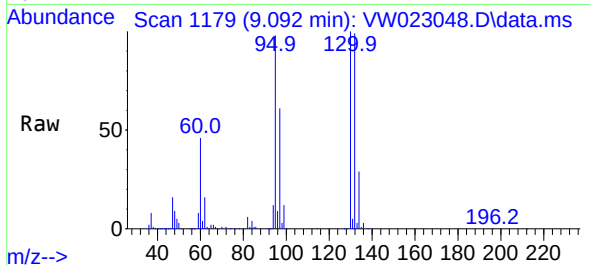




#34
Trichloroethene
Concen: 21.355 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

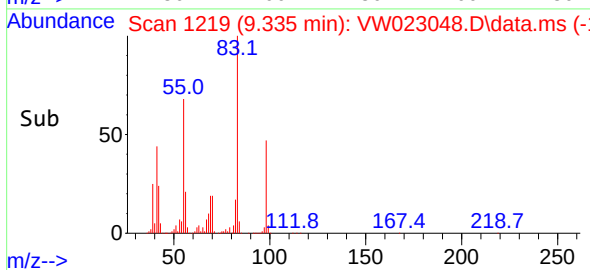
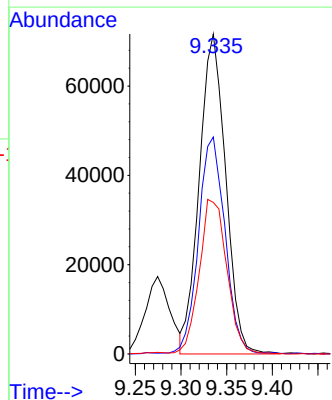
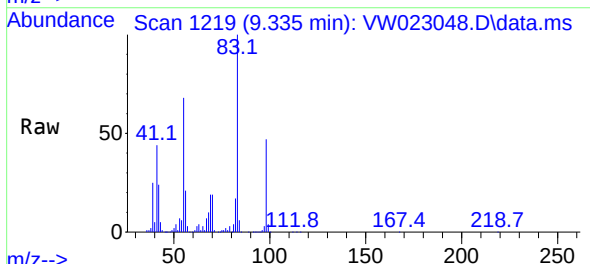
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

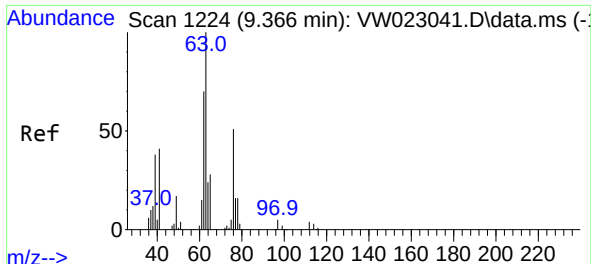
Tgt Ion: 95 Resp: 110945
Ion Ratio Lower Upper
95 100
97 62.3 46.1 85.7
132 101.5 66.9 124.3
130 102.1 69.5 129.1



#35
Methylcyclohexane
Concen: 16.845 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 83 Resp: 143769
Ion Ratio Lower Upper
83 100
55 68.3 55.1 82.7
98 50.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.022 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

ClientSampleId :

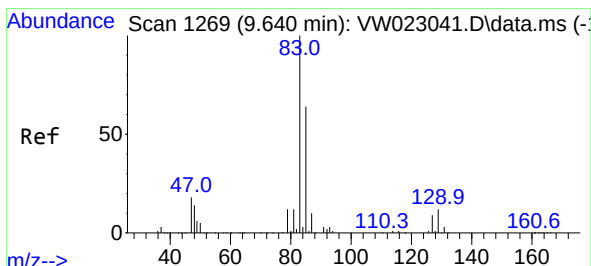
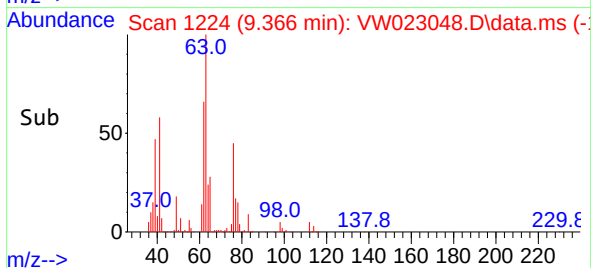
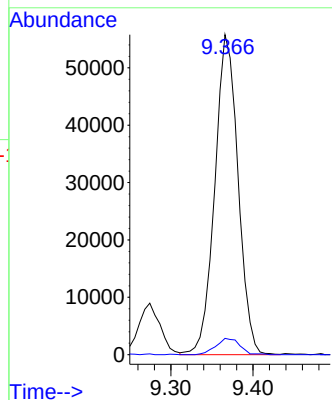
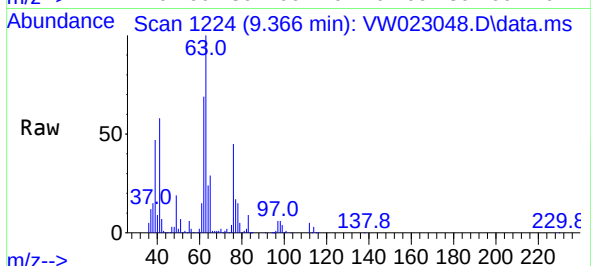
EXLD9MS

Tgt Ion: 63 Resp: 109819

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 24.687 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

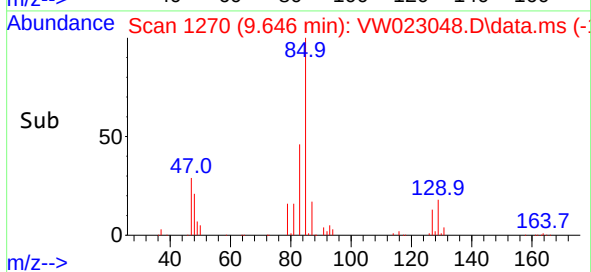
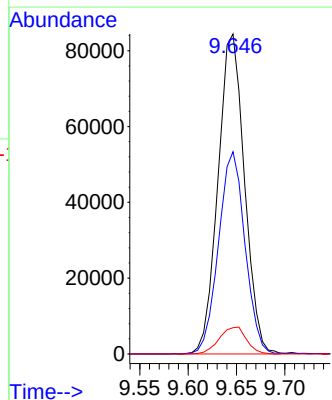
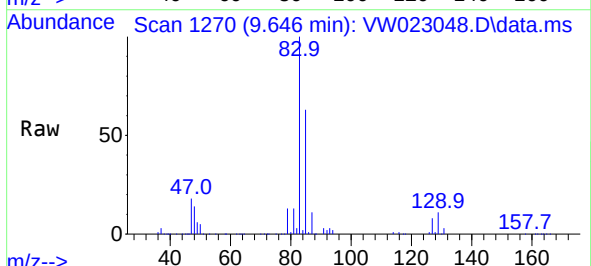
Tgt Ion: 83 Resp: 160306

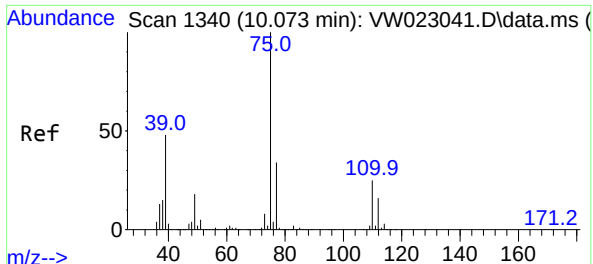
Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.7

127 8.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.598 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

ClientSampleId :

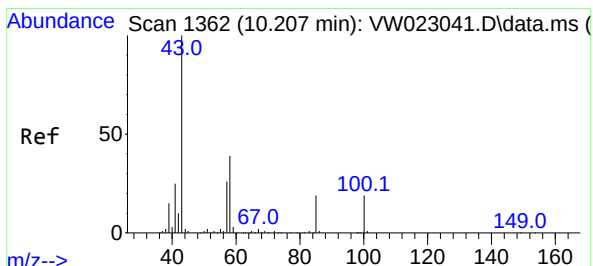
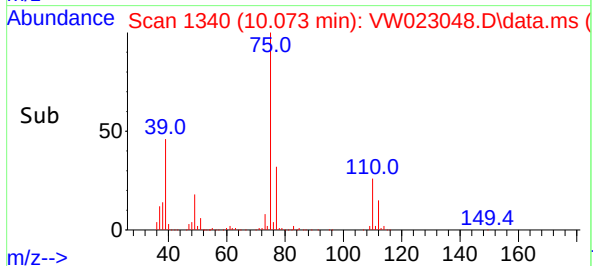
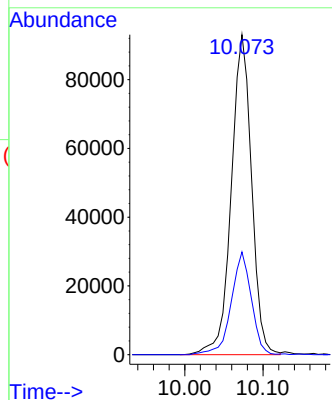
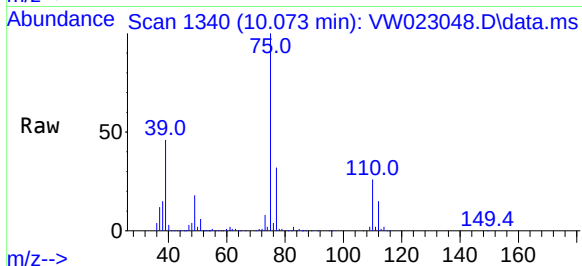
EXLD9MS

Tgt Ion: 75 Resp: 167278

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.560 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

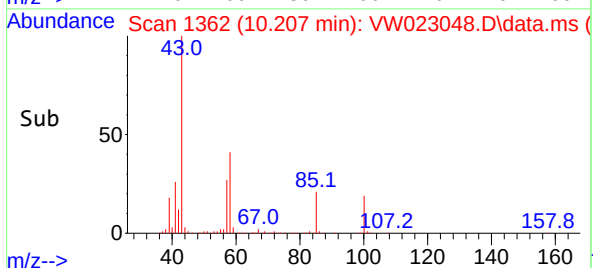
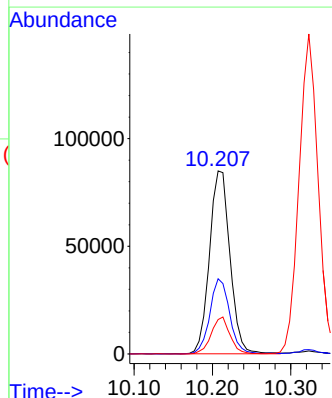
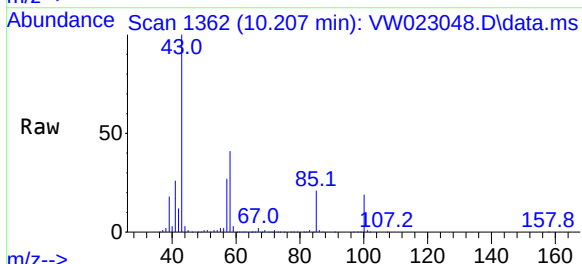
Tgt Ion: 43 Resp: 154335

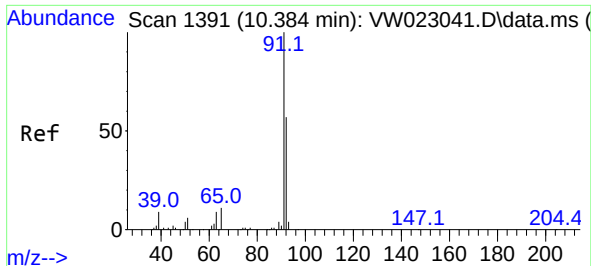
Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 18.5 14.2 21.4

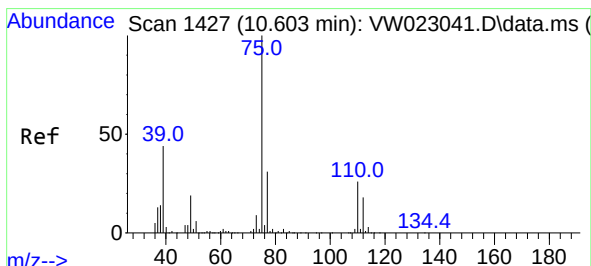
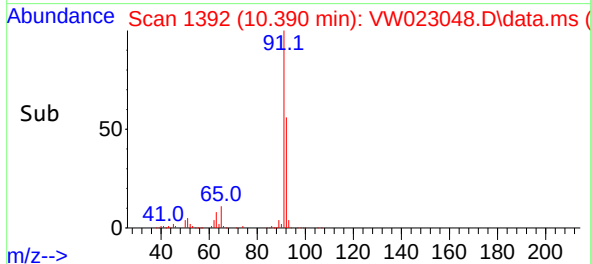
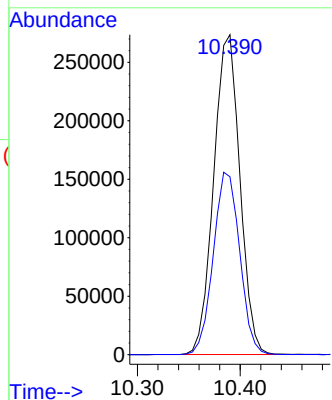
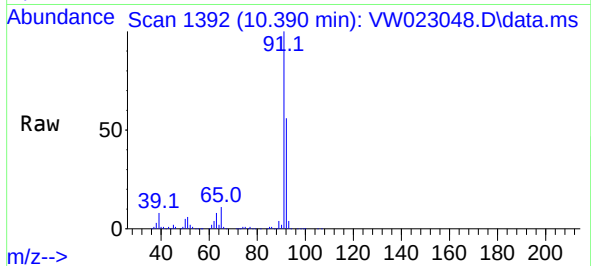




#42
Toluene
Concen: 22.905 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

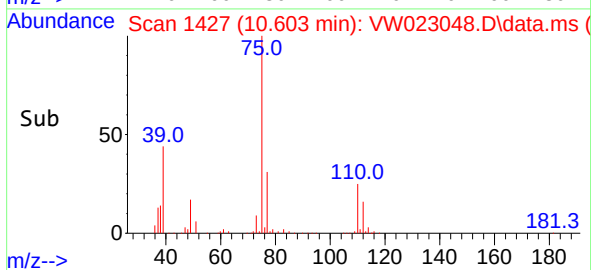
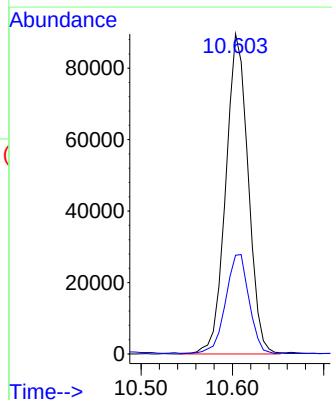
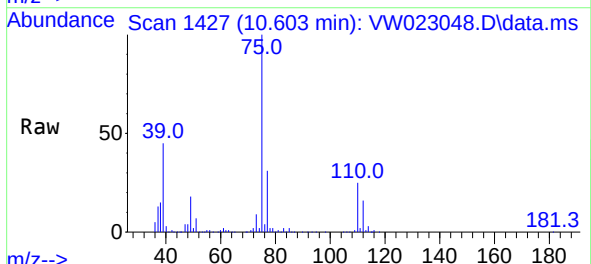
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

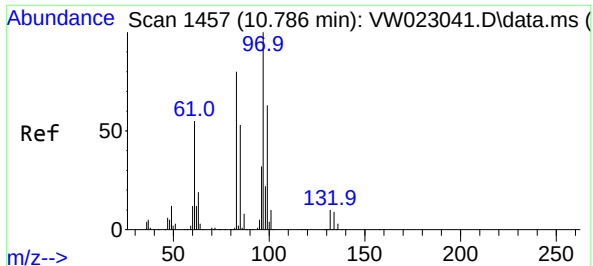
Tgt Ion: 91 Resp: 484927
Ion Ratio Lower Upper
91 100
92 55.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.170 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 75 Resp: 152927
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8

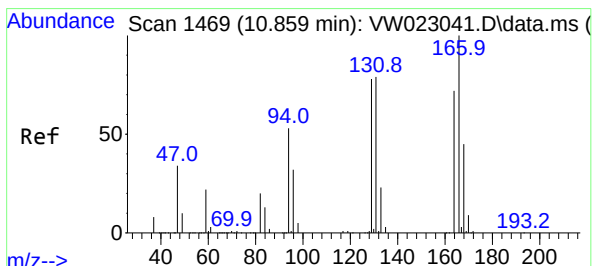
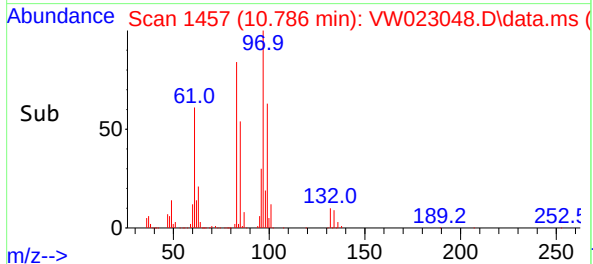
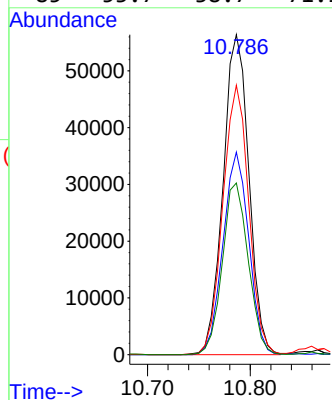
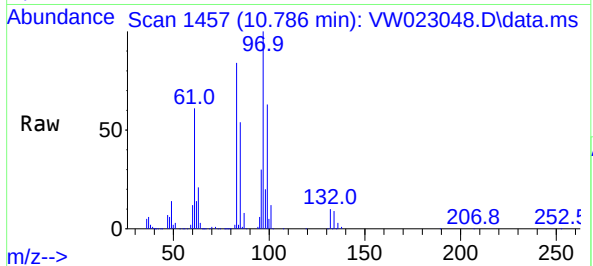




#45
1,1,2-Trichloroethane
Concen: 25.775 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

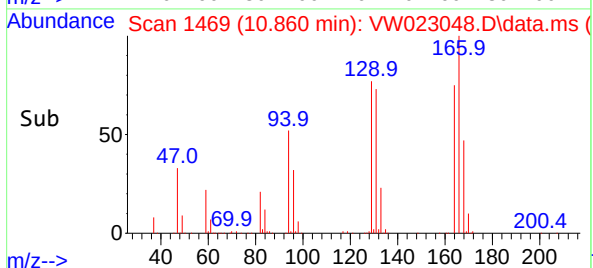
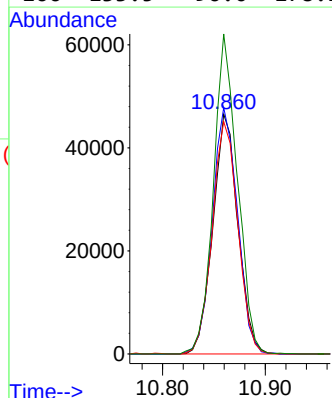
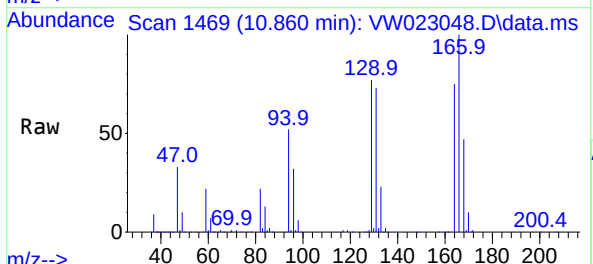
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

Tgt Ion:	97	Resp:	98506
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.7	82.9
83	84.2	58.4	108.4
85	53.7	38.7	71.9

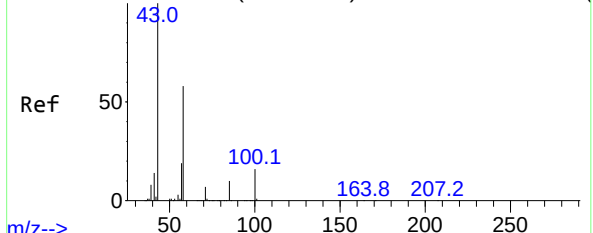


#46
Tetrachloroethene
Concen: 20.158 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion:	164	Resp:	78705
Ion	Ratio	Lower	Upper
164	100		
129	102.8	76.9	142.7
131	96.9	75.1	139.5
166	133.5	96.0	178.2



Abundance Scan 1487 (10.969 min): VW023041.D\data.ms (



#48

2-Hexanone

Concen: 58.987 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MS

Tgt Ion: 43 Resp: 113568

Ion Ratio Lower Upper

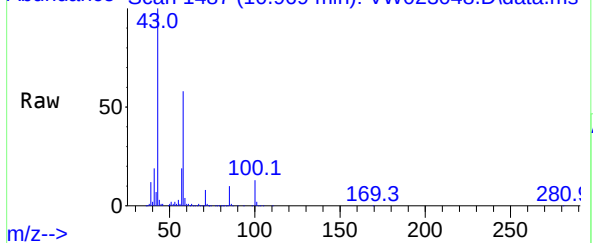
43 100

58 52.2 45.9 68.9

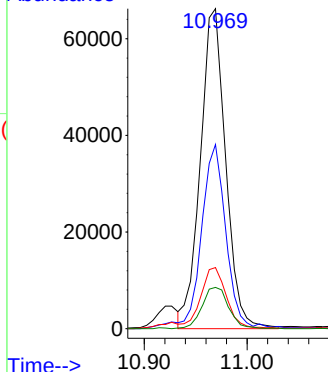
57 19.5 16.2 24.2

100 13.6 10.7 16.1

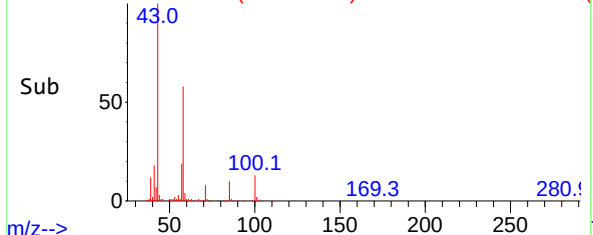
Abundance Scan 1487 (10.969 min): VW023048.D\data.ms



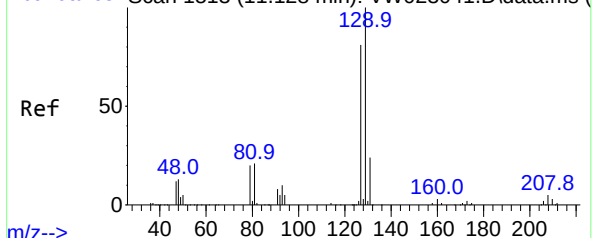
Abundance



Abundance Scan 1487 (10.969 min): VW023048.D\data.ms (



Abundance Scan 1513 (11.128 min): VW023041.D\data.ms (



#49

Dibromochloromethane

Concen: 24.354 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023048.D

Acq: 16 May 2022 13:09

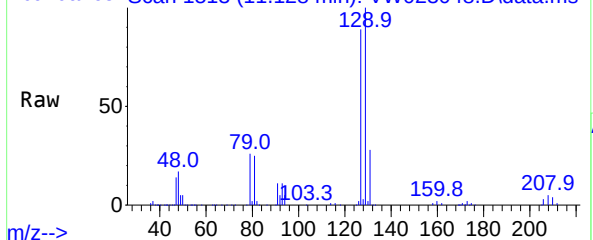
Tgt Ion:129 Resp: 112020

Ion Ratio Lower Upper

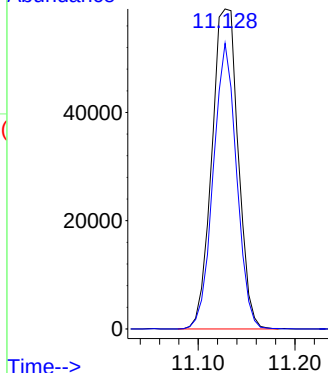
129 100

127 89.3 53.8 100.0

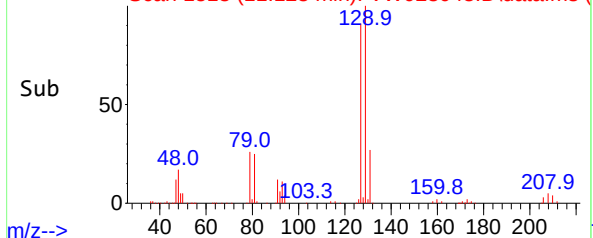
Abundance Scan 1513 (11.128 min): VW023048.D\data.ms

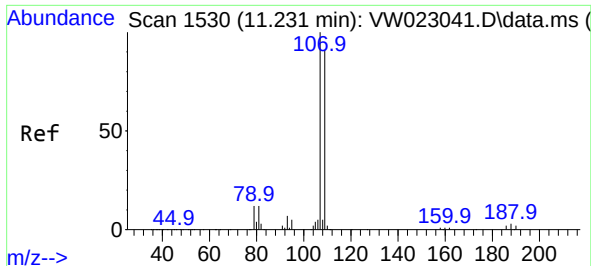


Abundance



Abundance Scan 1513 (11.128 min): VW023048.D\data.ms (

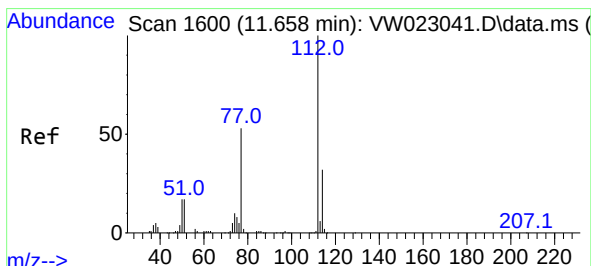
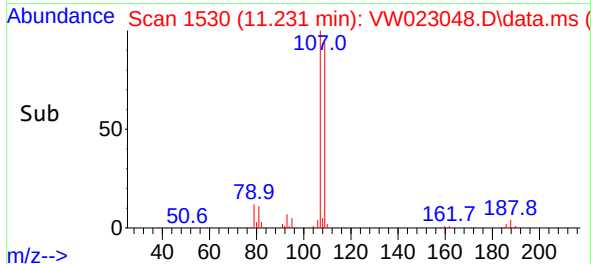
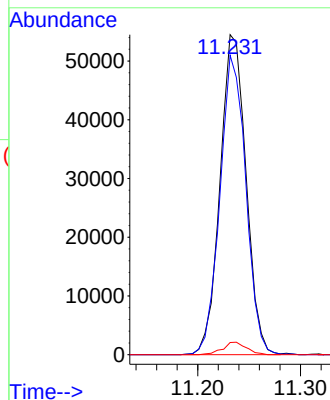
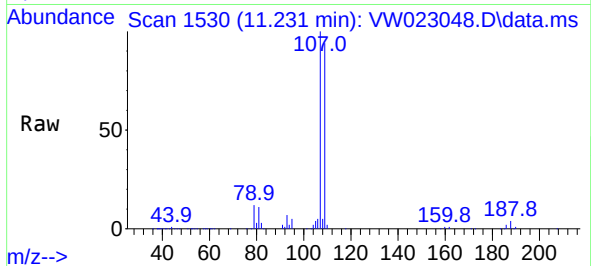




#50
1,2-Dibromoethane
Concen: 24.937 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

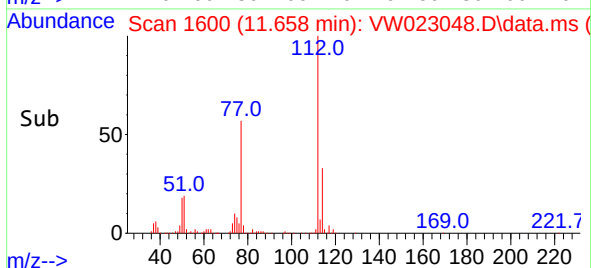
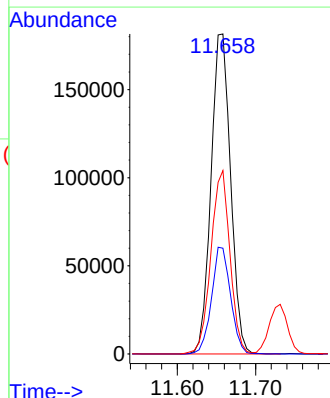
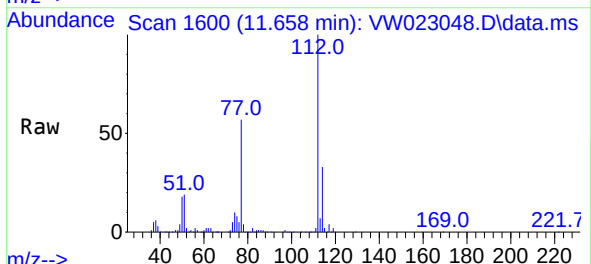
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

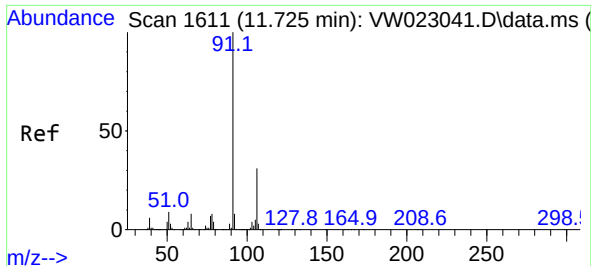
Tgt Ion:	107	Resp:	95695
Ion	Ratio	Lower	Upper
107	100		
109	93.6	67.5	125.4
188	3.8	2.9	4.3



#51
Chlorobenzene
Concen: 22.550 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion:	112	Resp:	314743
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.0	41.0
77	57.3	42.6	63.8

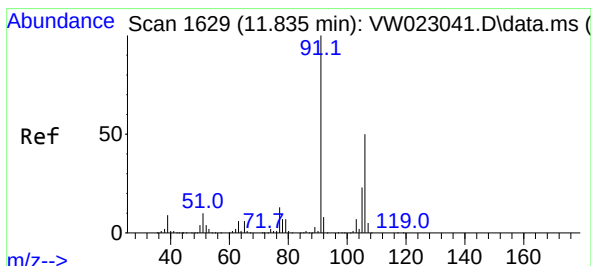
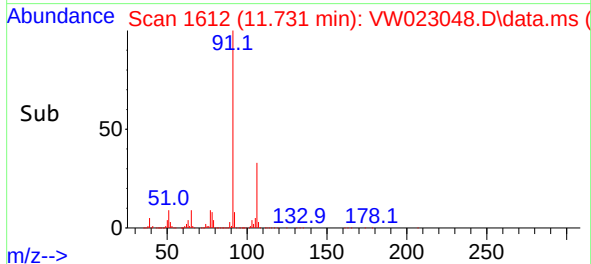
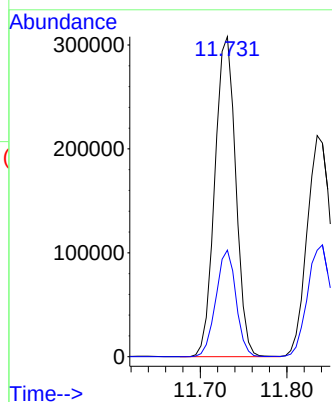
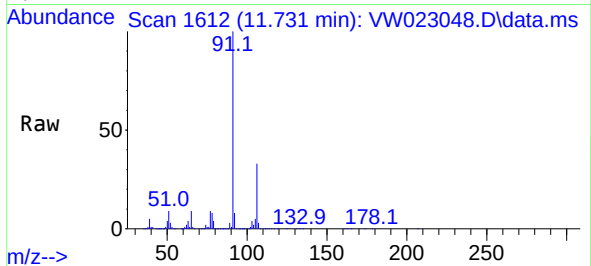




#52
Ethylbenzene
Concen: 21.907 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

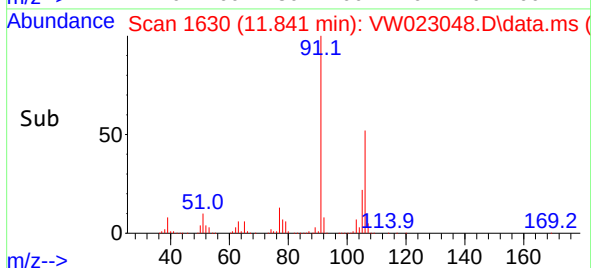
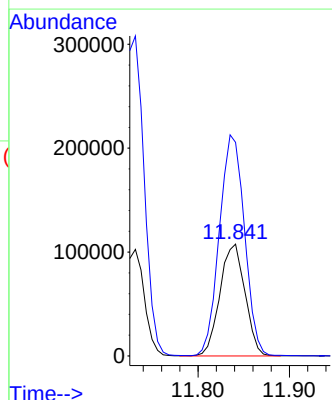
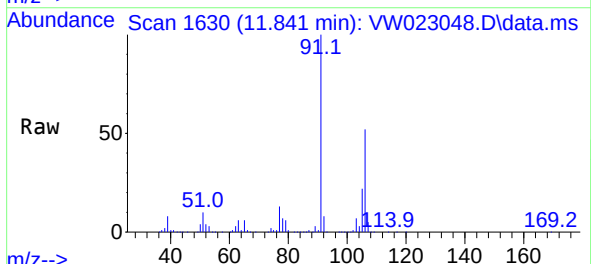
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

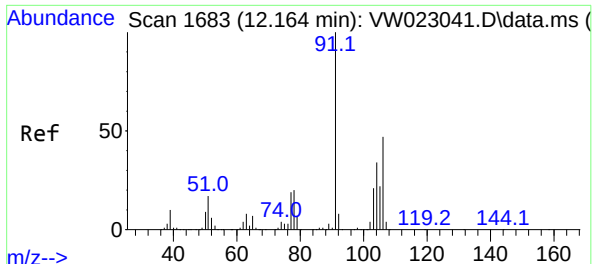
Tgt Ion: 91 Resp: 516003
Ion Ratio Lower Upper
91 100
106 33.3 22.3 41.3



#53
m,p-Xylene
Concen: 22.158 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 106 Resp: 205646
Ion Ratio Lower Upper
106 100
91 191.1 136.8 254.0

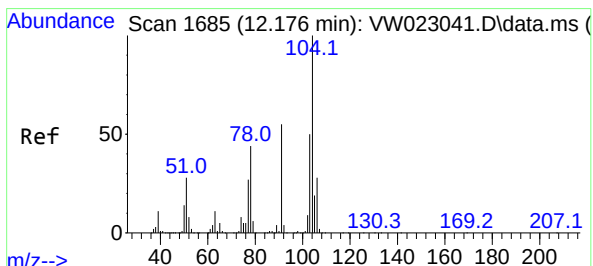
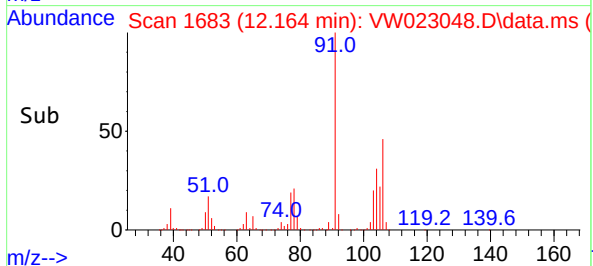
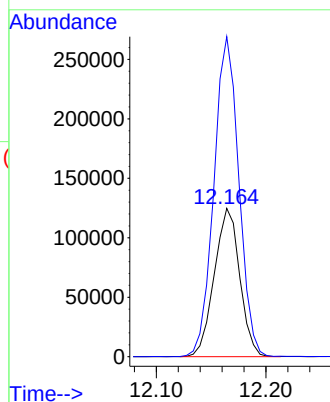
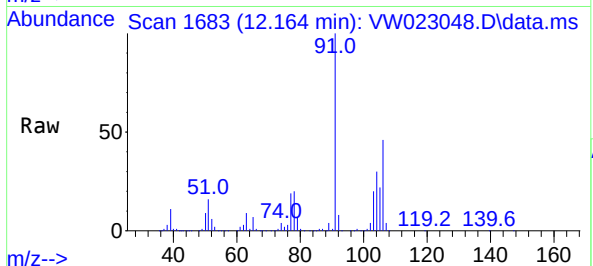




#54
o-Xylene
Concen: 22.539 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

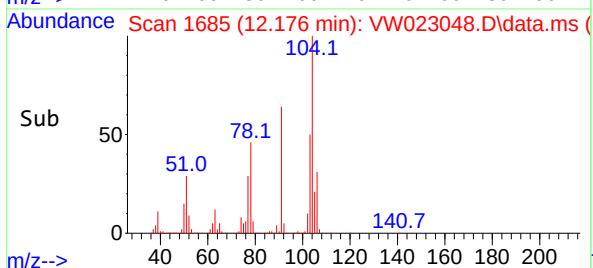
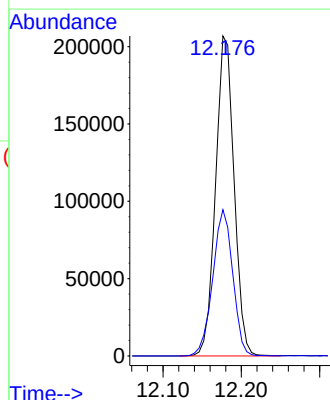
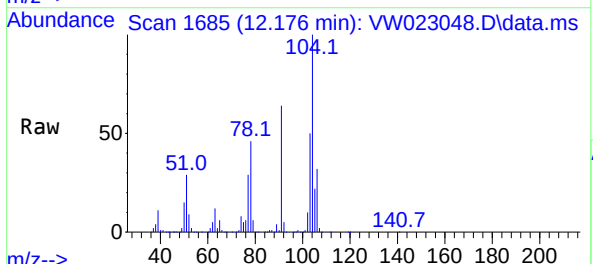
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

Tgt Ion:106 Resp: 200728
Ion Ratio Lower Upper
106 100
91 215.8 147.2 273.4

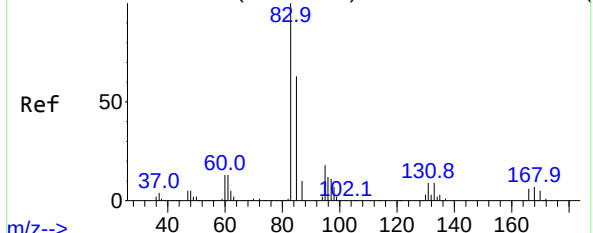


#55
Styrene
Concen: 22.443 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

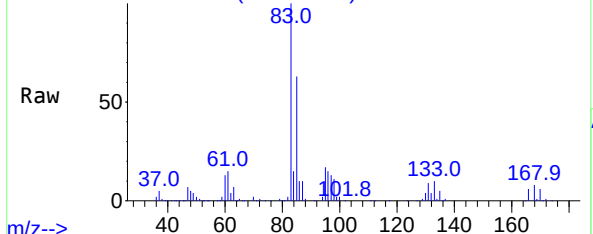
Tgt Ion:104 Resp: 339642
Ion Ratio Lower Upper
104 100
78 45.7 32.3 59.9



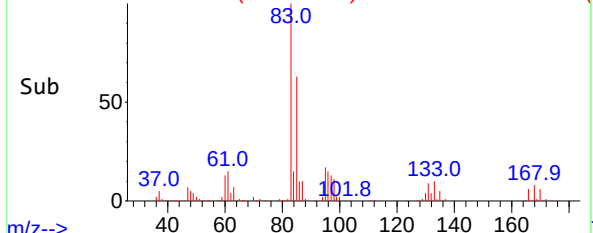
Abundance Scan 1773 (12.713 min): VW023041.D\data.ms (



m/z--> Abundance Scan 1773 (12.713 min): VW023048.D\data.ms



m/z--> Abundance Scan 1773 (12.713 min): VW023048.D\data.ms (



m/z-->

#57

1,1,2,2-Tetrachloroethane
Concen: 25.319 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Instrument :

MSVOA_W

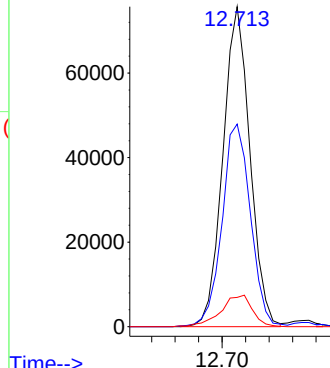
ClientSampleId :

EXLD9MS

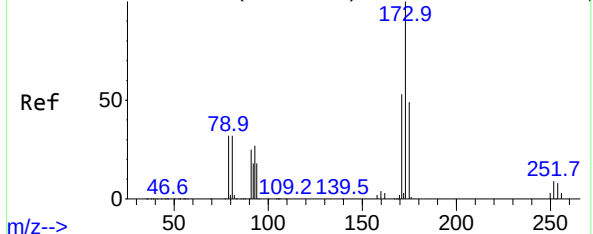
Tgt Ion: 83 Resp: 120857

Ion	Ratio	Lower	Upper
83	100		
85	63.3	47.5	88.1
131	9.1	8.7	13.1

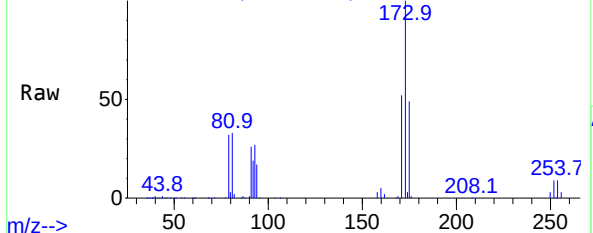
Abundance



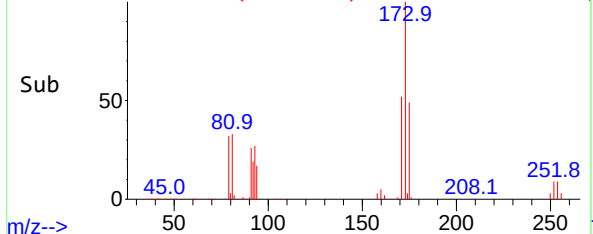
Abundance Scan 1713 (12.347 min): VW023041.D\data.ms (



m/z--> Abundance Scan 1713 (12.347 min): VW023048.D\data.ms



m/z--> Abundance Scan 1713 (12.347 min): VW023048.D\data.ms (



m/z-->

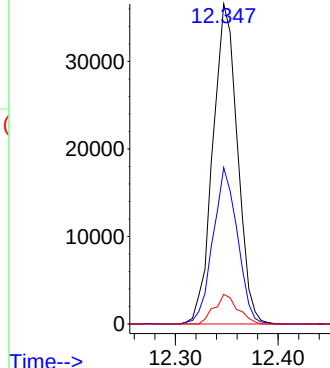
#59

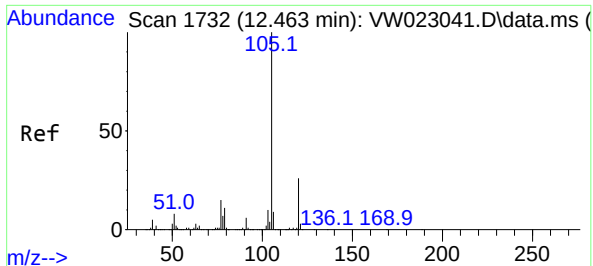
Bromoform
Concen: 27.141 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 173 Resp: 60867

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.1	57.1
254	8.8	6.5	9.7

Abundance

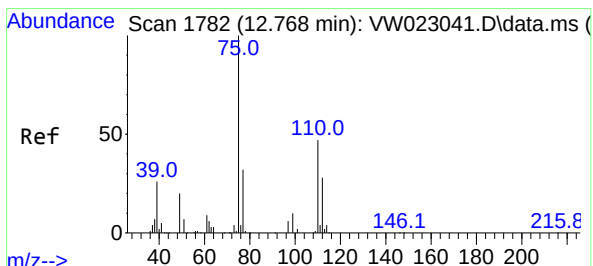
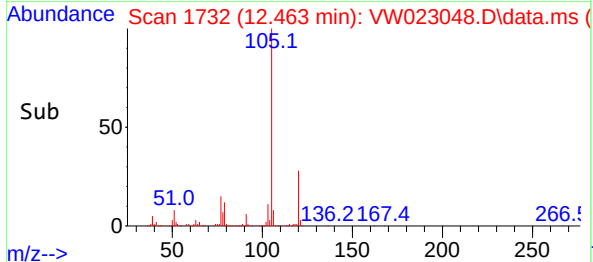
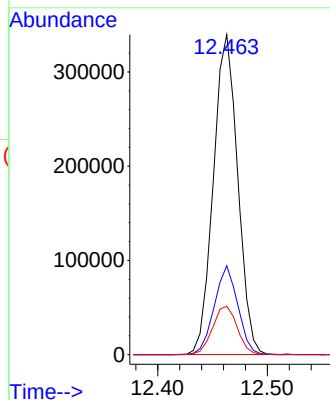
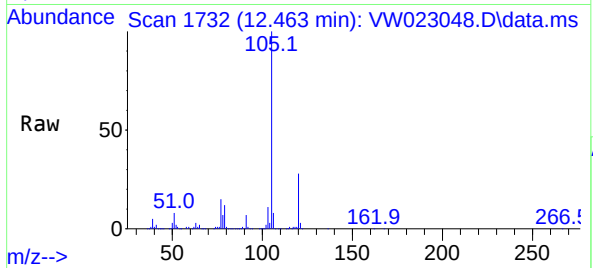




#60
Isopropylbenzene
Concen: 24.153 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

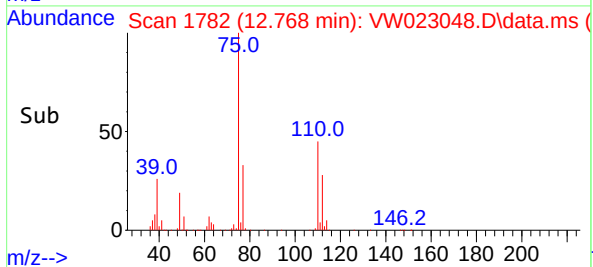
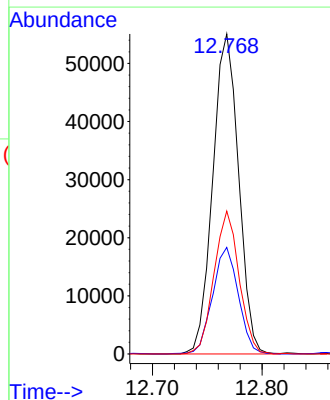
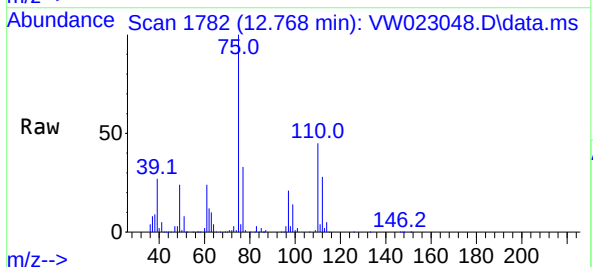
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

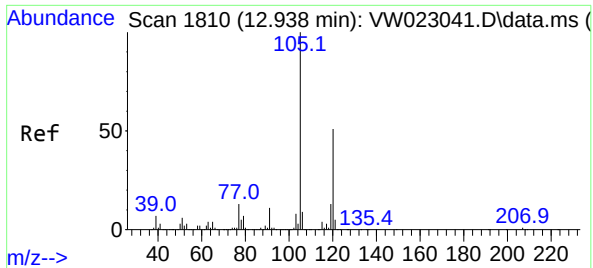
Tgt Ion:105 Resp: 523619
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 28.494 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion: 75 Resp: 90095
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 43.4 34.1 51.1

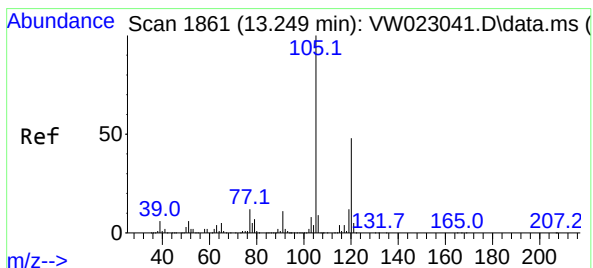
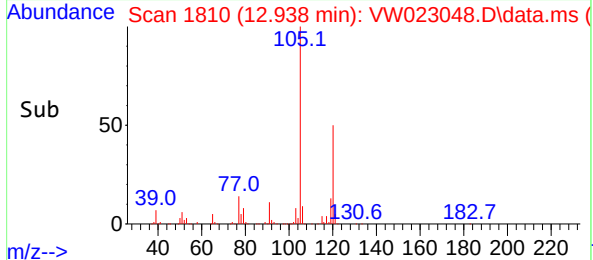
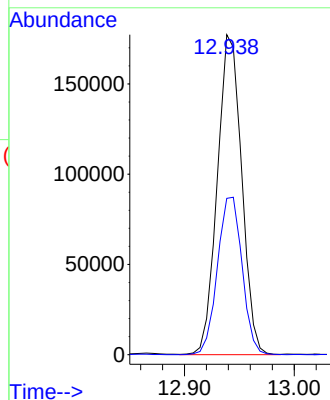
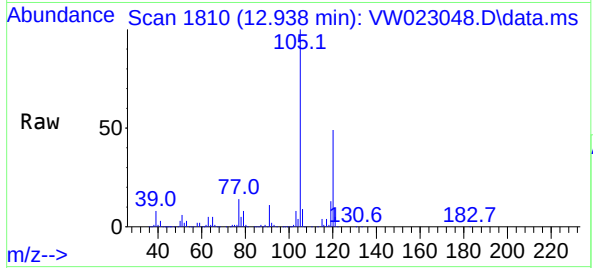




#62
1,3,5-Trimethylbenzene
Concen: 22.733 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

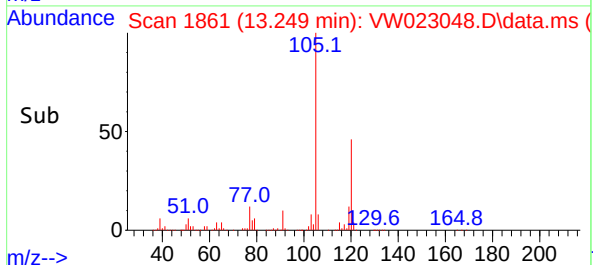
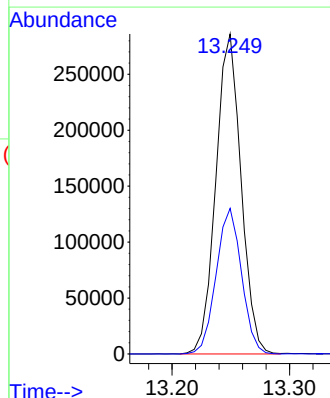
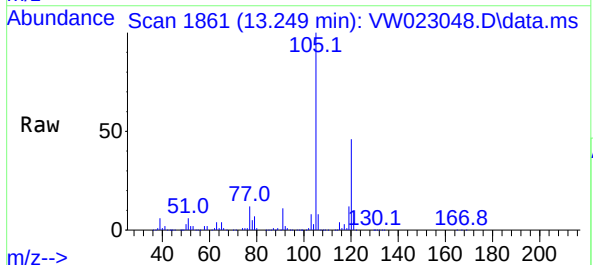
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

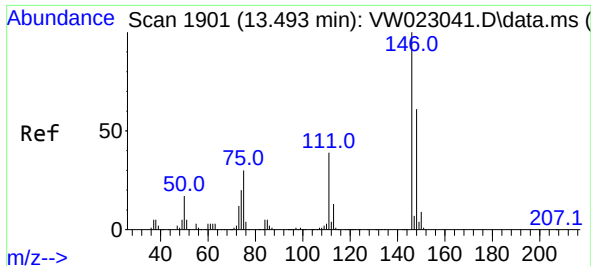
Tgt Ion:105 Resp: 274186
Ion Ratio Lower Upper
105 100
120 49.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 23.555 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion:105 Resp: 426587
Ion Ratio Lower Upper
105 100
120 45.7 37.4 56.2

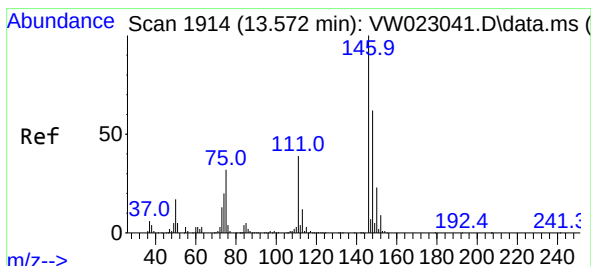
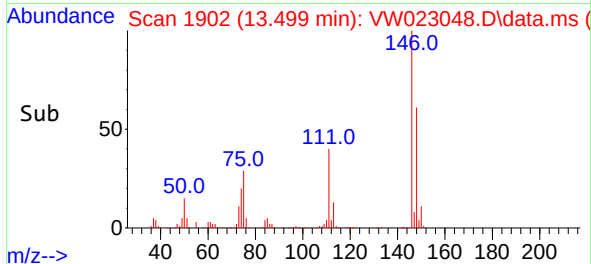
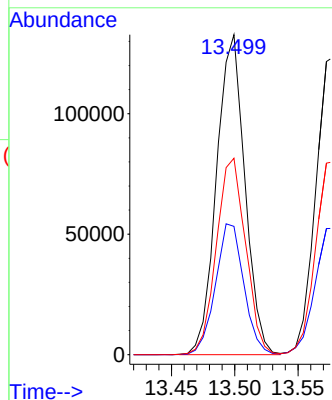
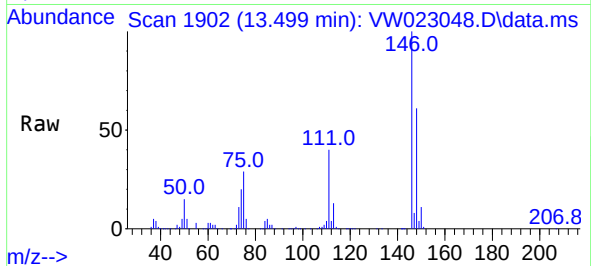




#64
1,3-Dichlorobenzene
Concen: 21.361 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

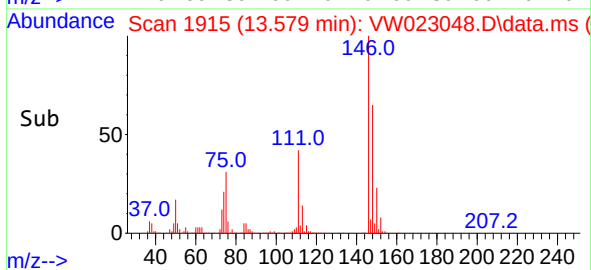
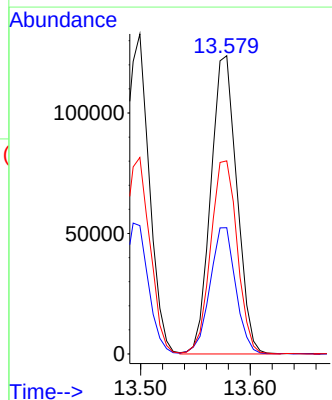
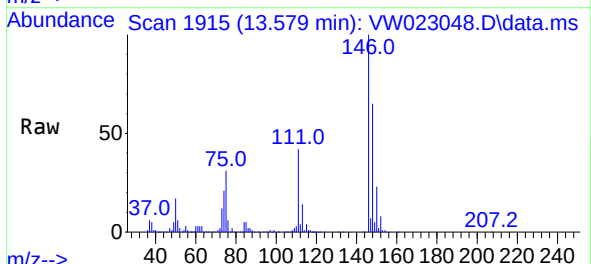
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

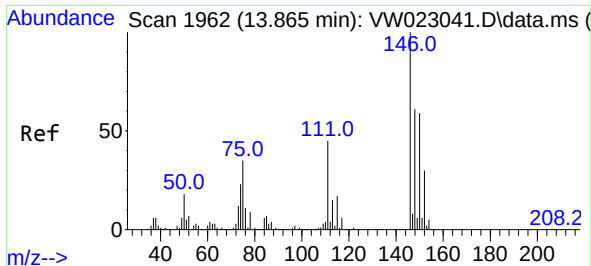
Tgt Ion:146 Resp: 206753
Ion Ratio Lower Upper
146 100
111 40.1 29.5 54.9
148 61.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 20.526 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion:146 Resp: 205213
Ion Ratio Lower Upper
146 100
111 42.3 27.2 50.4
148 64.8 44.0 81.6

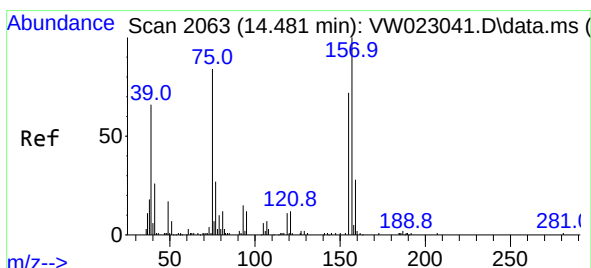
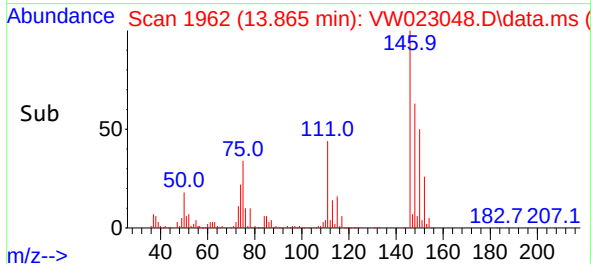
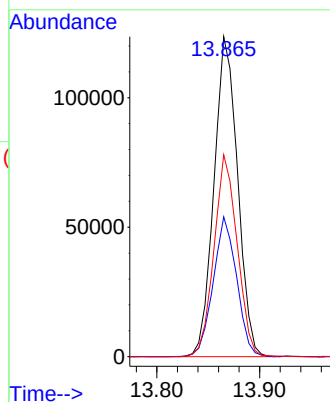
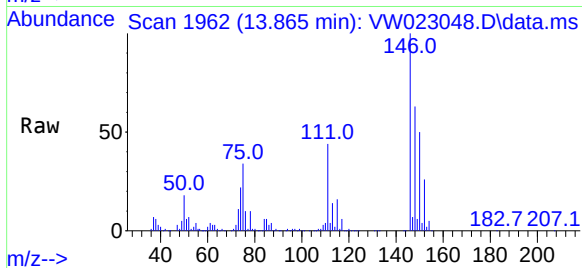




#67
1,2-Dichlorobenzene
Concen: 22.296 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

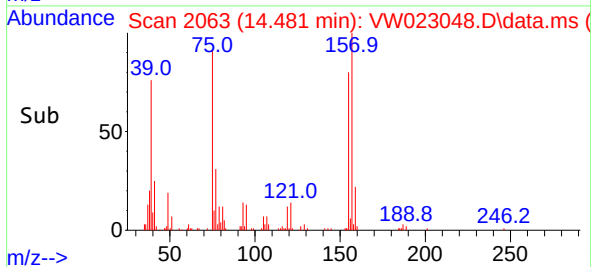
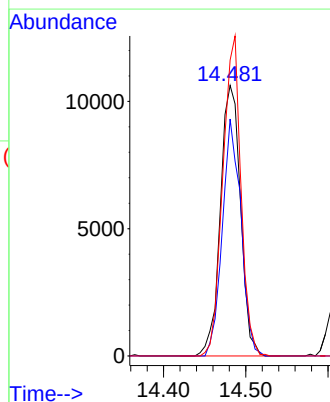
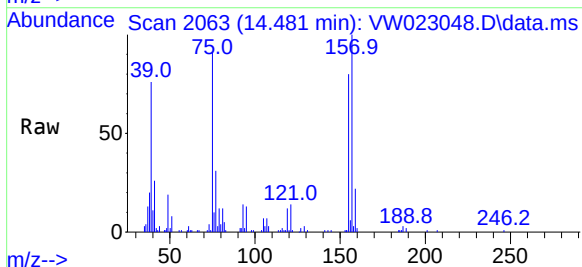
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

Tgt Ion:	146	Resp:	197477
Ion Ratio	Lower	Upper	
146	100		
111	43.7	35.7	53.5
148	63.1	52.6	79.0

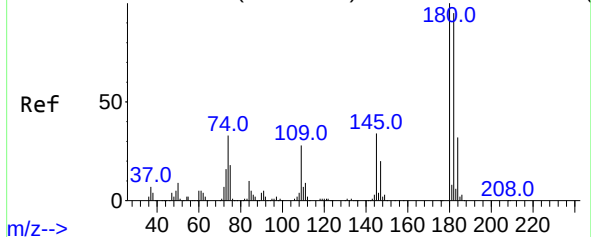


#68
1,2-Dibromo-3-chloropropane
Concen: 26.172 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

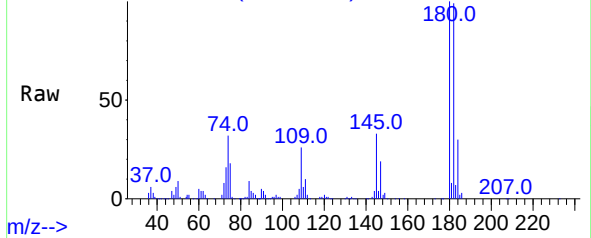
Tgt Ion:	75	Resp:	18086
Ion Ratio	Lower	Upper	
75	100		
155	87.6	59.3	88.9
157	109.4	89.8	134.8



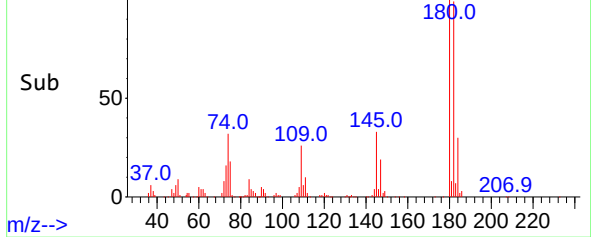
Abundance Scan 2087 (14.627 min): VW023041.D\data.ms (



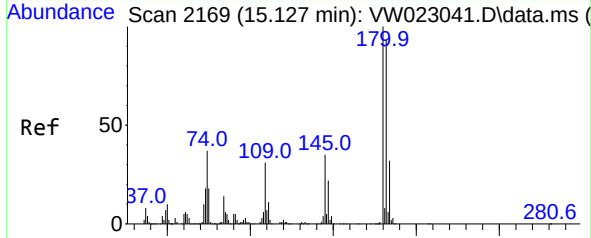
m/z--> Abundance Scan 2087 (14.627 min): VW023048.D\data.ms (



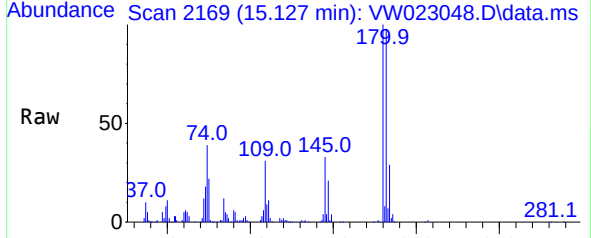
m/z--> Abundance Scan 2087 (14.627 min): VW023048.D\data.ms (



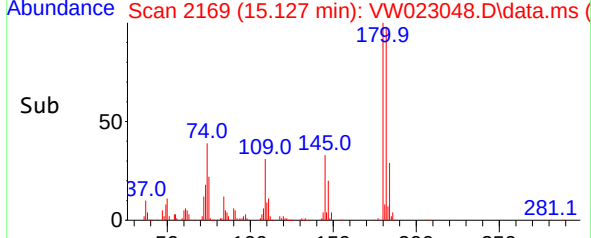
m/z--> Abundance Scan 2169 (15.127 min): VW023041.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW023048.D\data.ms (



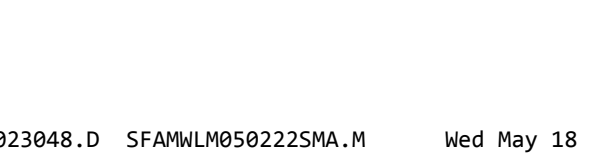
m/z--> Abundance Scan 2169 (15.127 min): VW023048.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW023048.D\data.ms (

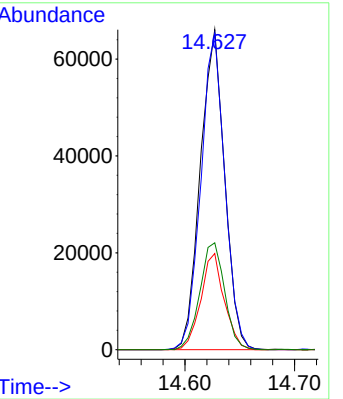


m/z--> Abundance Scan 2169 (15.127 min): VW023048.D\data.ms (



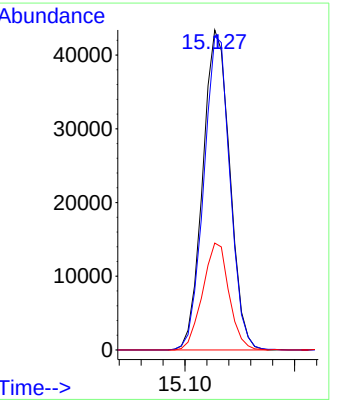
#69
1,3,5-Trichlorobenzene
Concen: 15.831 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

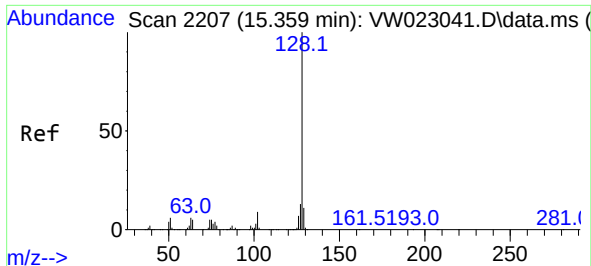
Tgt Ion:180	Resp: 101714
Ion Ratio	Lower Upper
180	100
182	97.4 74.8 112.2
184	29.0 23.4 35.2
145	34.1 26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 14.368 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion:180	Resp: 74257
Ion Ratio	Lower Upper
180	100
182	95.3 74.9 112.3
145	32.7 26.6 39.8

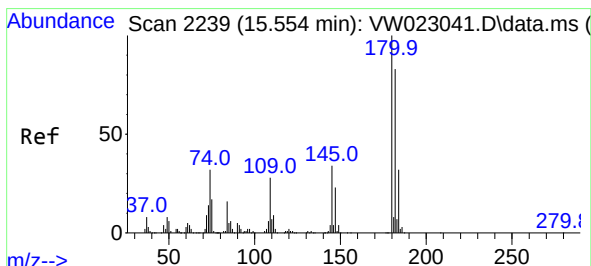
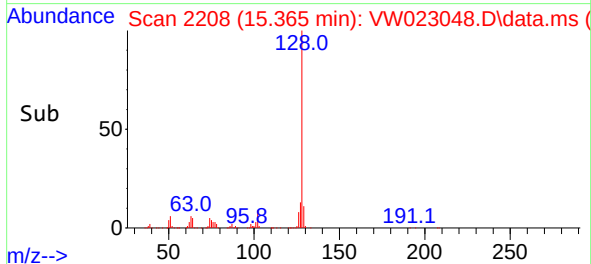
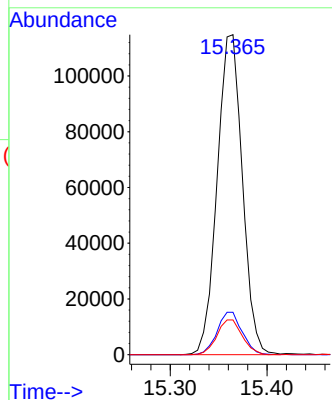
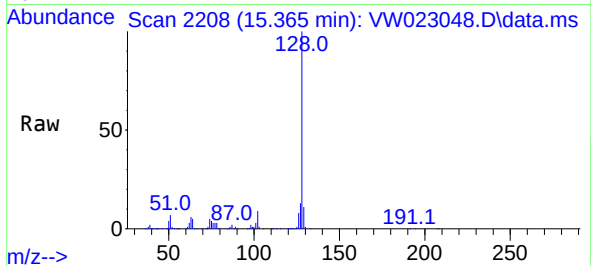




#71
Naphthalene
Concen: 18.446 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Instrument :
MSVOA_W
ClientSampleId :
EXLD9MS

Tgt Ion:128 Resp: 207205
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 13.761 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023048.D
Acq: 16 May 2022 13:09

Tgt Ion:180 Resp: 63035
Ion Ratio Lower Upper
180 100
182 98.8 73.5 110.3
145 35.5 27.9 41.9

