

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023049.D
 Acq On : 16 May 2022 13:33
 Operator : SY/VA
 Sample : N2821-20MSD
 Misc : 5.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXLD9MSD

Quant Time: May 17 01:27:19 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	347420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	324759	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	152925	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117609	16.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.000%
7) Chloroethane-d5	2.885	69	103594	22.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	4.019	63	164123	17.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.280%
21) 2-Butanone-d5	7.080	46	65327	48.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.400%
24) Chloroform-d	7.647	84	241763	23.752	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	8.305	65	134273	24.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.275	84	425552	22.734	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	9.274	67	133394	25.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.480%
41) Toluene-d8	10.323	98	394090	21.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.160%
43) trans-1,3-Dichloroprop...	10.573	79	56574	23.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.480%
47) 2-Hexanone-d5	10.920	63	56285	56.073	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	141400	28.851	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	129022	24.135	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	51828	27.366	ug/L	96
3) Chloromethane	2.215	50	78705	21.506	ug/L	100
5) Vinyl chloride	2.361	62	141026	19.201	ug/L	100
6) Bromomethane	2.776	94	92443	19.603	ug/L	98
8) Chloroethane	2.922	64	81510	23.009	ug/L	95
9) Trichlorofluoromethane	3.251	101	58804	17.517	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	101807	20.282	ug/L	97
12) 1,1-Dichloroethene	4.038	96	89901	20.204	ug/L	91
13) Acetone	4.123	43	36260	35.737	ug/L	99
14) Carbon disulfide	4.385	76	184460	15.121	ug/L	99
15) Methyl Acetate	4.672	43	42009	20.609	ug/L	97
16) Methylene chloride	4.915	84	108124	21.269	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	100324	20.035	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	188269	24.629	ug/L	99
19) 1,1-Dichloroethane	6.214	63	190158	22.406	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	119201	22.163	ug/L #	95
22) 2-Butanone	7.177	43	55651	39.219	ug/L	98
23) Bromochloromethane	7.513	128	56841	22.566	ug/L	96
25) Chloroform	7.677	83	221334	23.586	ug/L	98

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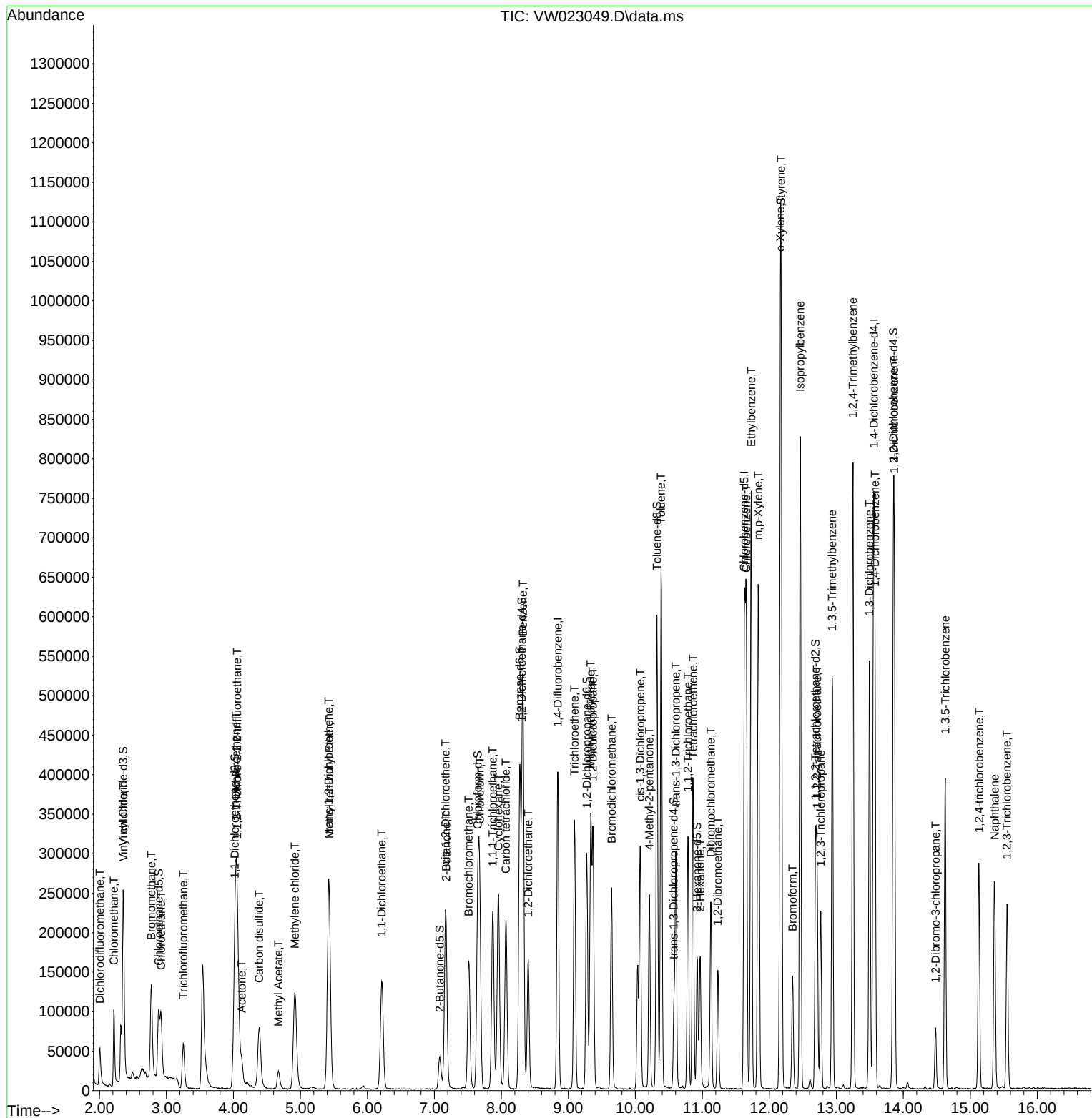
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	143141	22.883	ug/L	100
29) Cyclohexane	7.958	56	133696	19.035	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	180358	23.501	ug/L	100
31) Carbon tetrachloride	8.067	117	159252	22.183	ug/L	99
33) Benzene	8.323	78	441292	23.066	ug/L	100
34) Trichloroethene	9.091	95	113456	21.564	ug/L	93
35) Methylcyclohexane	9.335	83	144411	16.707	ug/L	99
37) 1,2-Dichloropropane	9.366	63	112722	24.347	ug/L	99
38) Bromodichloromethane	9.646	83	162350	24.688	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	173490	24.167	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152341	52.205	ug/L	100
42) Toluene	10.384	91	484023	22.575	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	157909	24.644	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98280	25.393	ug/L	97
46) Tetrachloroethene	10.866	164	80399	20.333	ug/L	87
48) 2-Hexanone	10.969	43	107303	55.033	ug/L	96
49) Dibromochloromethane	11.128	129	115068	24.702	ug/L	95
50) 1,2-Dibromoethane	11.231	107	94865	24.410	ug/L	97
51) Chlorobenzene	11.658	112	320068	22.644	ug/L	97
52) Ethylbenzene	11.731	91	533379	22.361	ug/L	100
53) m,p-Xylene	11.835	106	209600	22.301	ug/L	98
54) o-Xylene	12.164	106	210148	23.300	ug/L	95
55) Styrene	12.176	104	346771	22.627	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121463	25.126	ug/L	97
59) Bromoform	12.347	173	61670	28.456	ug/L	99
60) Isopropylbenzene	12.463	105	537534	25.658	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85560	28.001	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	288629	24.764	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	426757	24.385	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	218474	23.357	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	216061	22.363	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	203676	23.796	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18463	27.648	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	111826	18.011	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	81970	16.412	ug/L	97
71) Naphthalene	15.365	128	231480	21.324	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	70864	16.009	ug/L	92

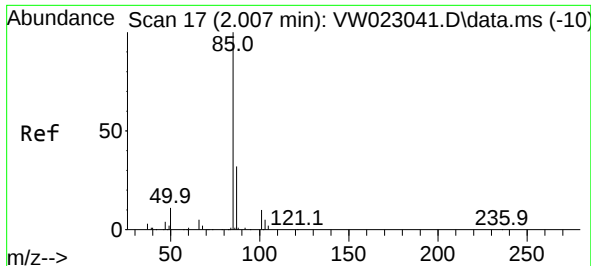
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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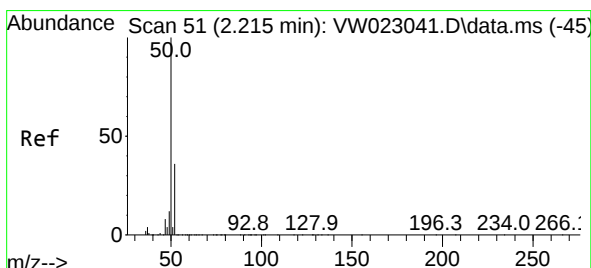
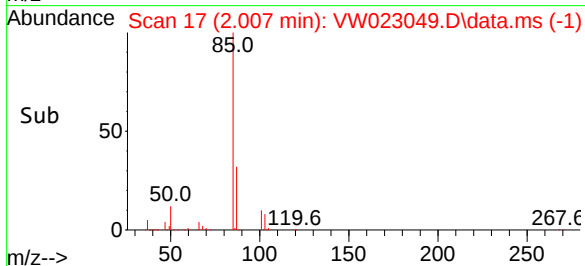
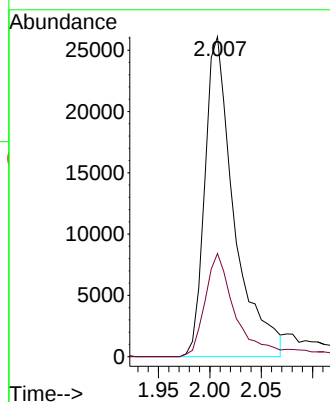
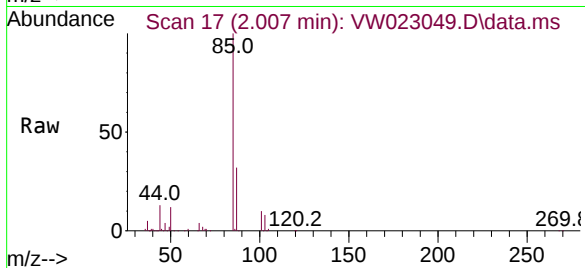




#2
 Dichlorodifluoromethane
 Concen: 27.366 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

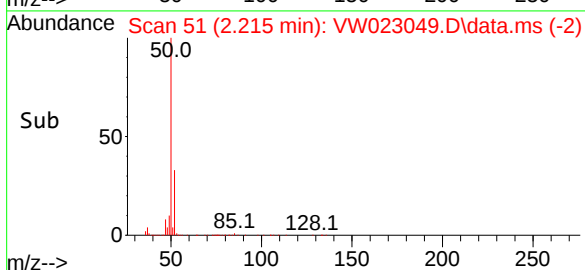
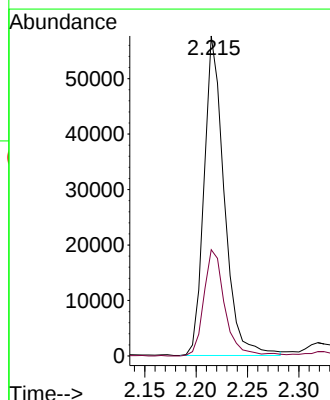
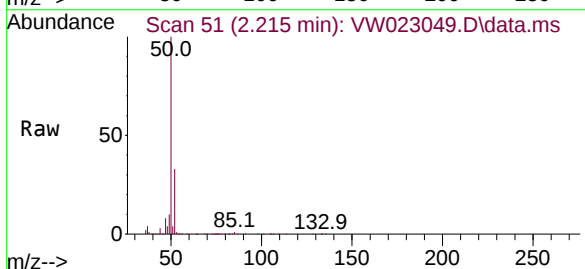
Instrument :
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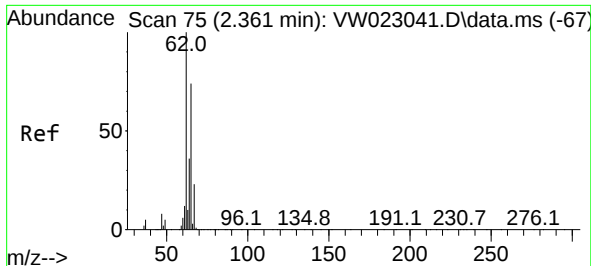
Tgt Ion: 85 Resp: 51828
 Ion Ratio Lower Upper
 85 100
 87 32.6 27.8 41.8



#3
 Chloromethane
 Concen: 21.506 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

Tgt Ion: 50 Resp: 78705
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9

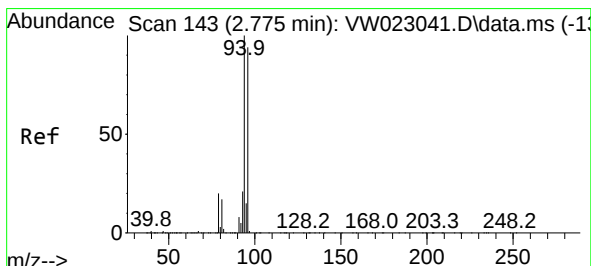
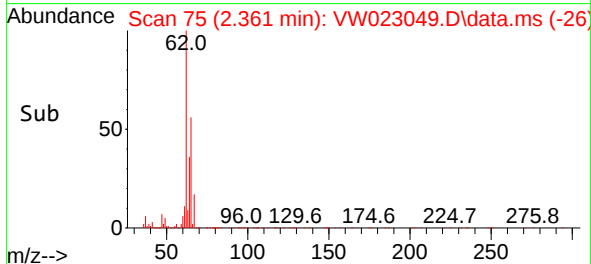
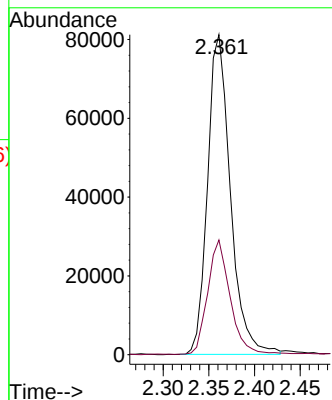
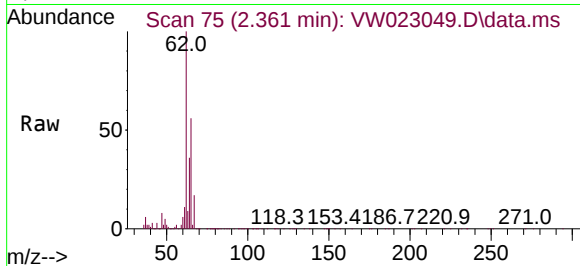




#5
 Vinyl chloride
 Concen: 19.201 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

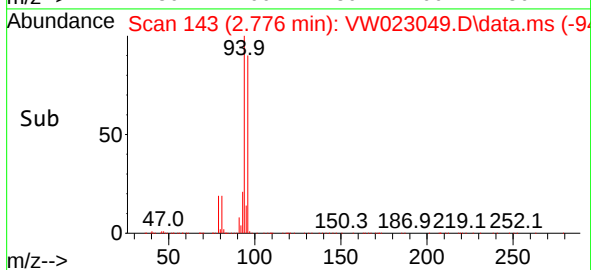
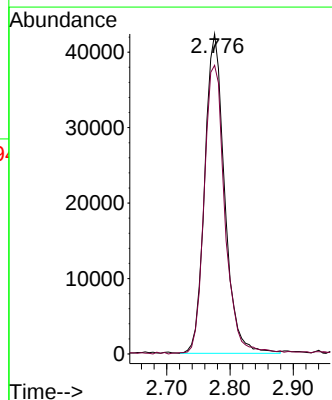
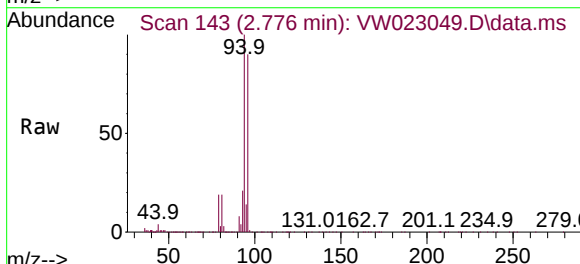
Instrument :
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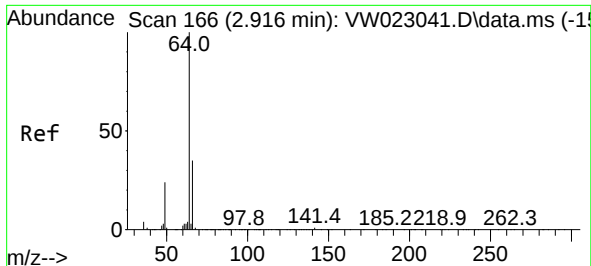
Tgt Ion: 62 Resp: 141026
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.9 46.3



#6
 Bromomethane
 Concen: 19.603 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

Tgt Ion: 94 Resp: 92443
 Ion Ratio Lower Upper
 94 100
 96 90.2 61.7 114.5

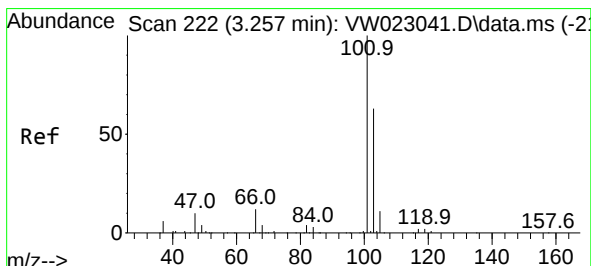
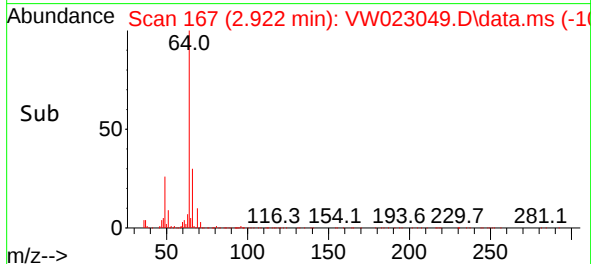
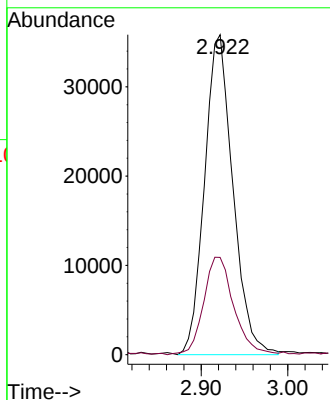
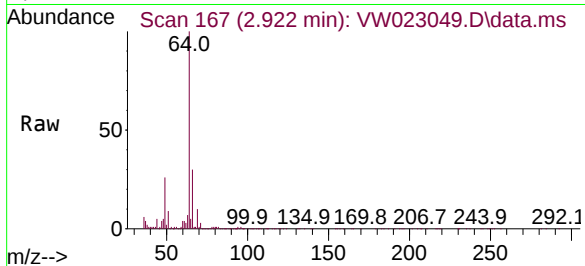




#8
Chloroethane
Concen: 23.009 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

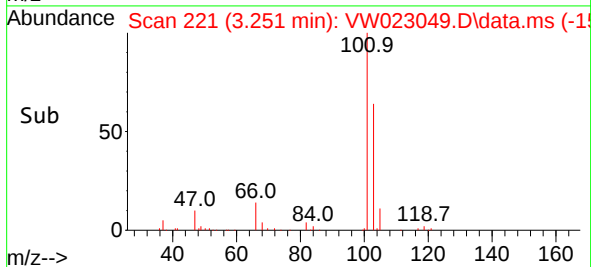
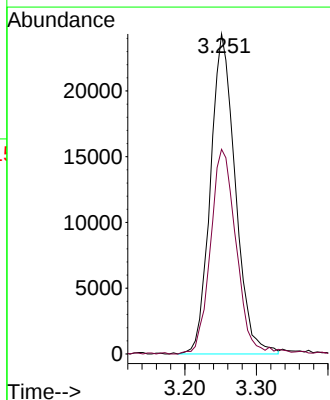
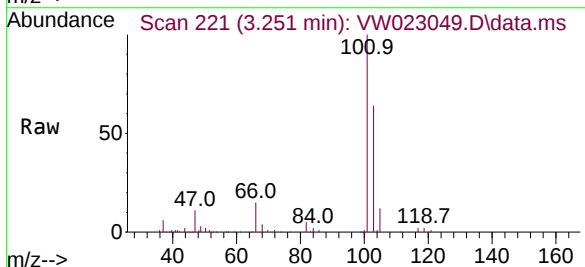
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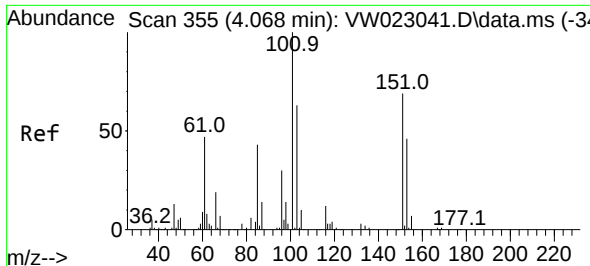
Tgt Ion: 64 Resp: 81510
Ion Ratio Lower Upper
64 100
66 30.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 17.517 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion: 101 Resp: 58804
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

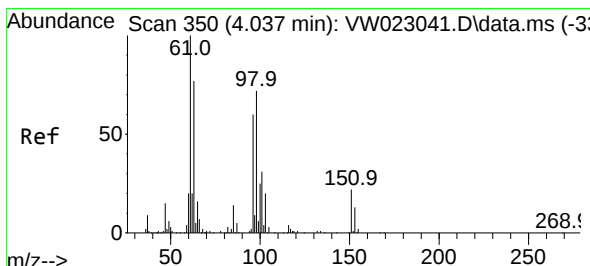
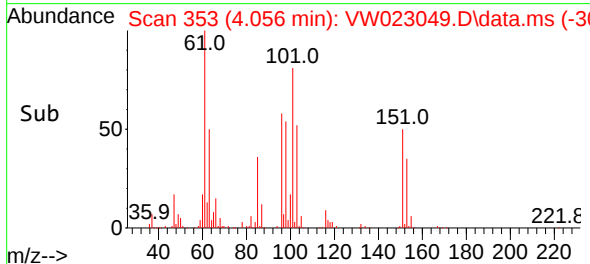
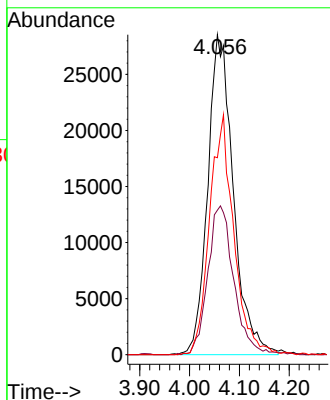
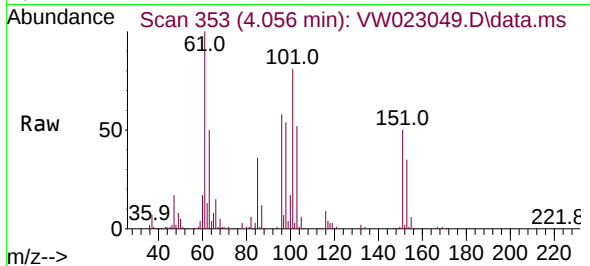




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.282 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

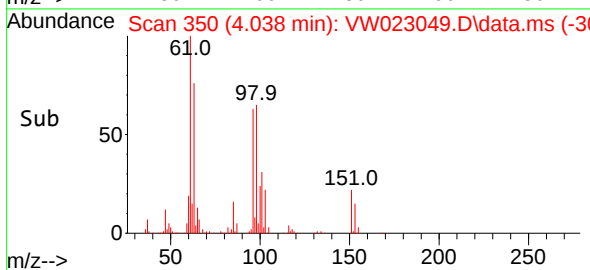
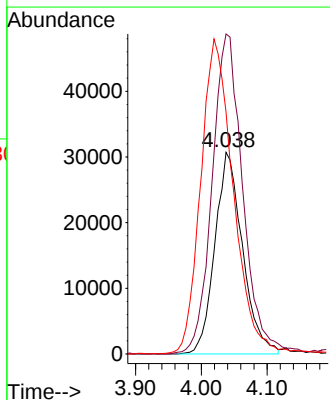
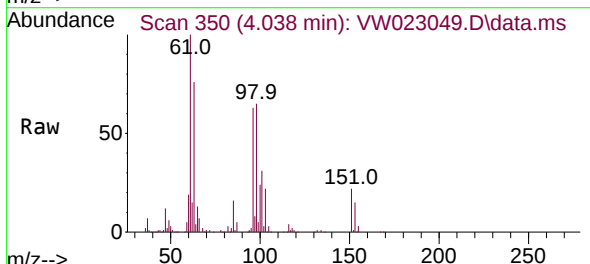
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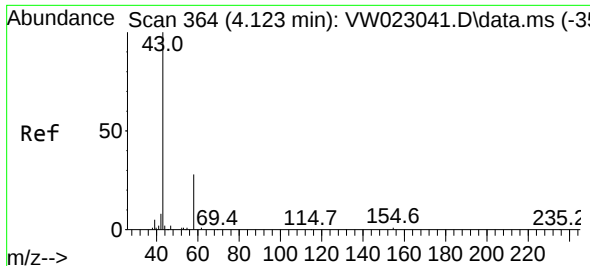
Tgt Ion:101 Resp: 101807
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.3 51.5
 151 68.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.204 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023049.D
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Tgt Ion: 96 Resp: 89901
 Ion Ratio Lower Upper
 96 100
 61 158.7 125.7 233.5
 63 119.9 83.4 155.0

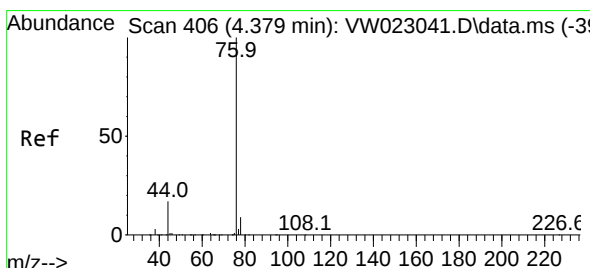
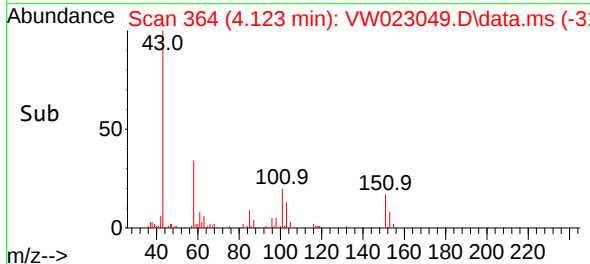
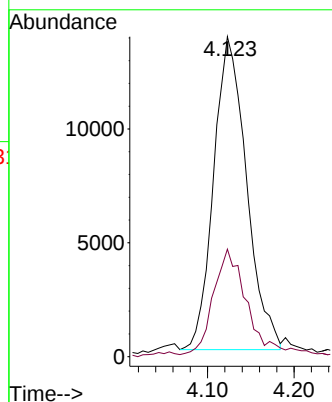
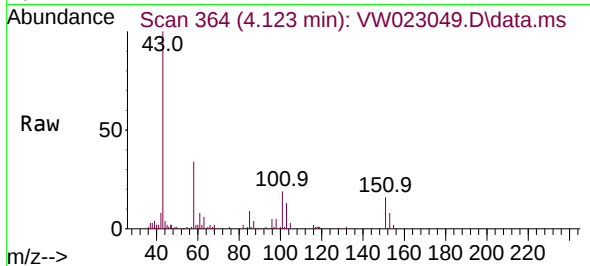




#13
Acetone
Concen: 35.737 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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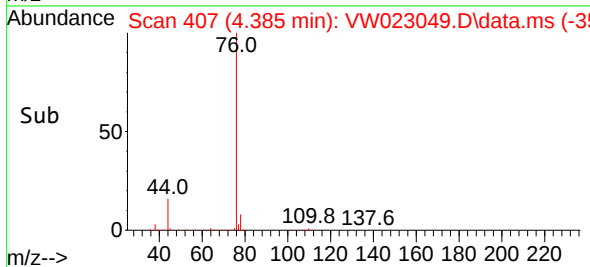
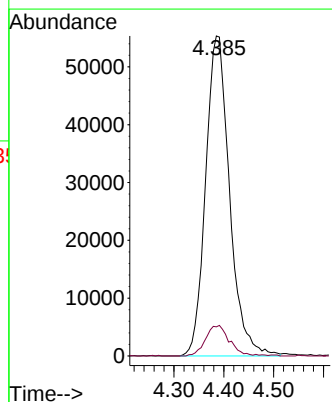
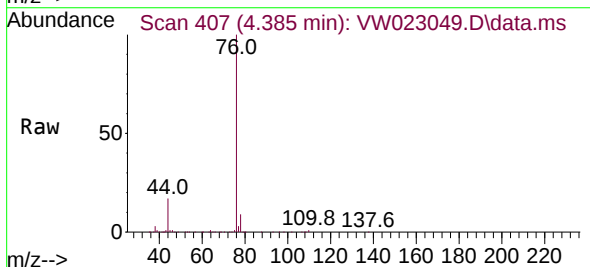
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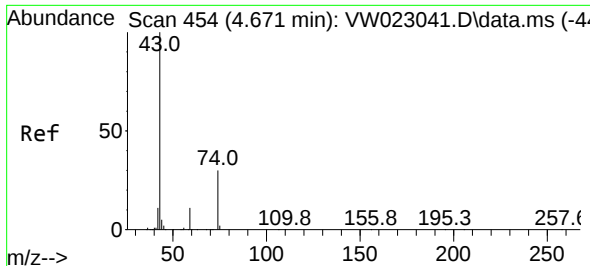
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Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.0



#14
Carbon disulfide
Concen: 15.121 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023049.D
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Tgt Ion: 76 Resp: 184460
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

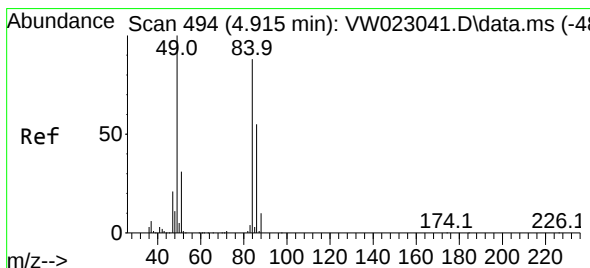
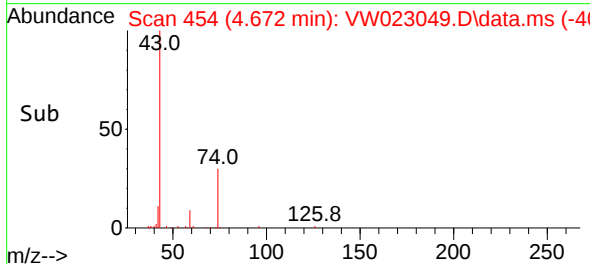
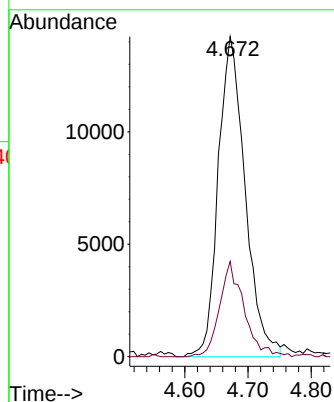
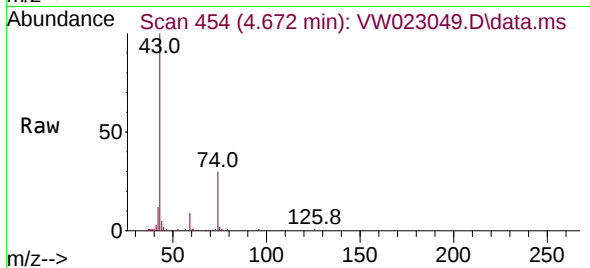




#15
Methyl Acetate
Concen: 20.609 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

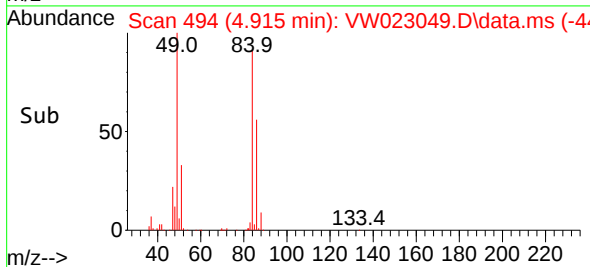
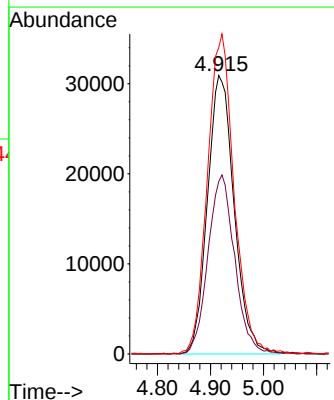
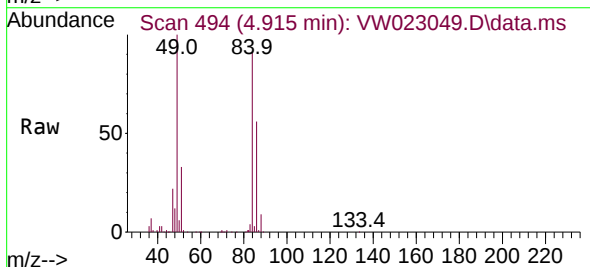
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

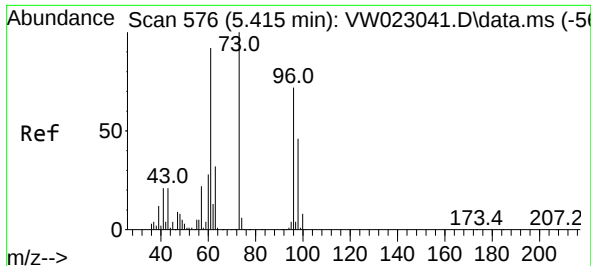
Tgt Ion: 43 Resp: 42009
Ion Ratio Lower Upper
43 100
74 25.7 21.9 32.9



#16
Methylene chloride
Concen: 21.269 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion: 84 Resp: 108124
Ion Ratio Lower Upper
84 100
86 61.9 45.4 84.4
49 110.0 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 20.035 ug/L

RT: 5.421 min Scan# 576

Delta R.T. 0.006 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MSD

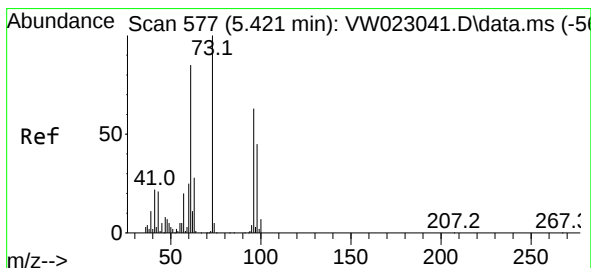
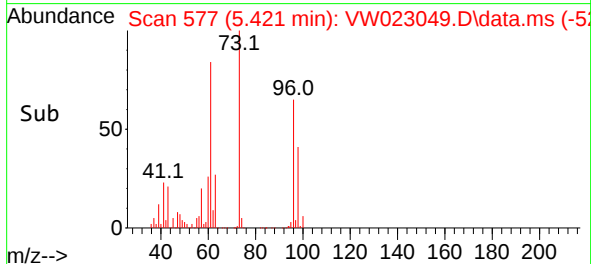
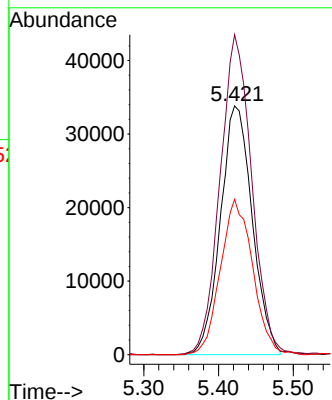
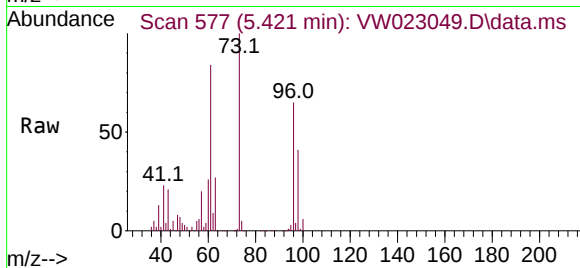
Tgt Ion: 96 Resp: 100324

Ion Ratio Lower Upper

96 100

61 128.6 92.2 171.2

98 62.4 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 24.629 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

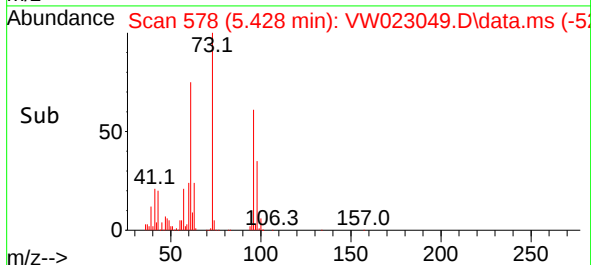
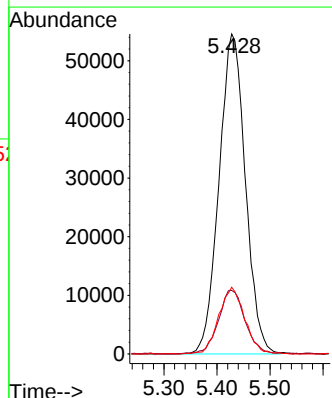
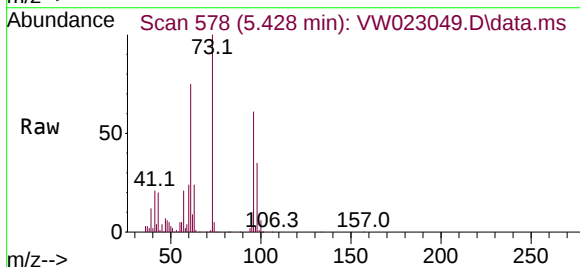
Tgt Ion: 73 Resp: 188269

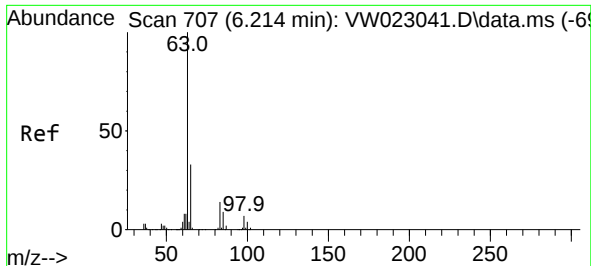
Ion Ratio Lower Upper

73 100

43 19.8 15.9 23.9

57 19.9 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.406 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MSD

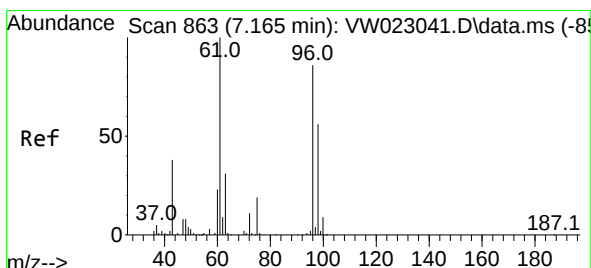
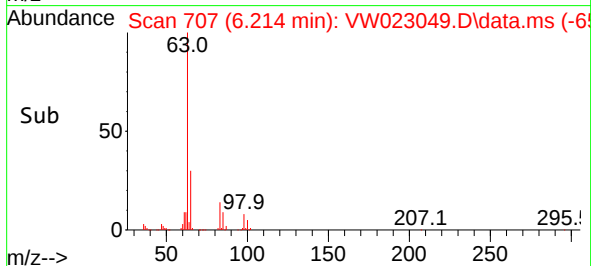
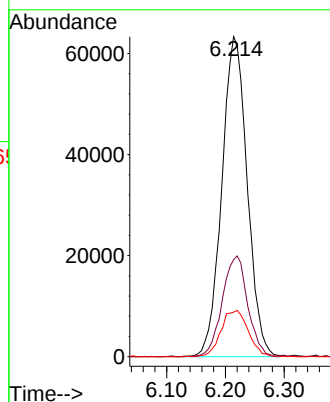
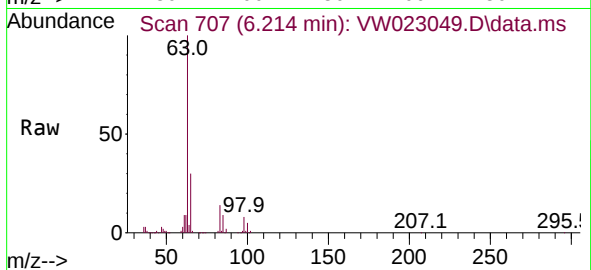
Tgt Ion: 63 Resp: 190158

Ion Ratio Lower Upper

63 100

65 30.3 23.3 43.3

83 13.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.163 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

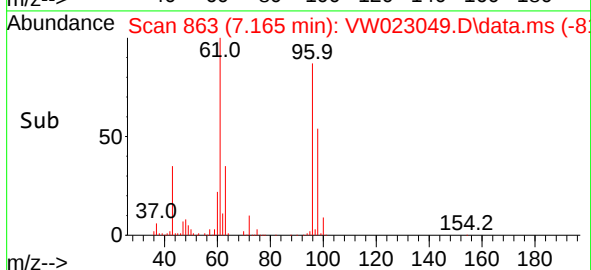
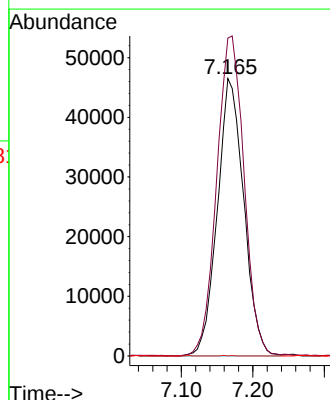
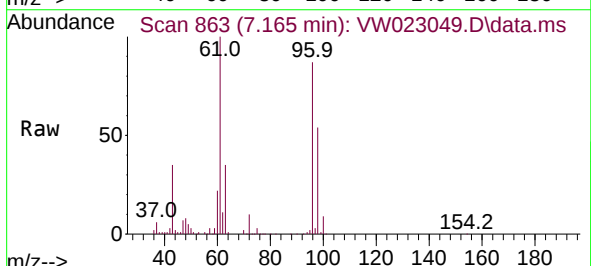
Tgt Ion: 96 Resp: 119201

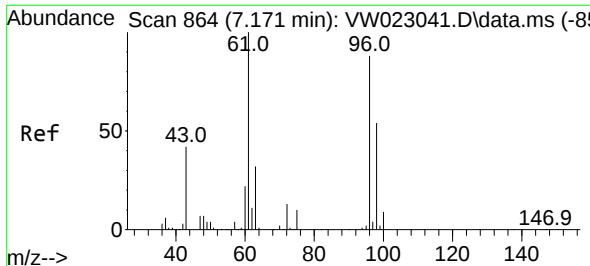
Ion Ratio Lower Upper

96 100

61 114.6 84.2 156.4

68 0.0 0.1 0.1#

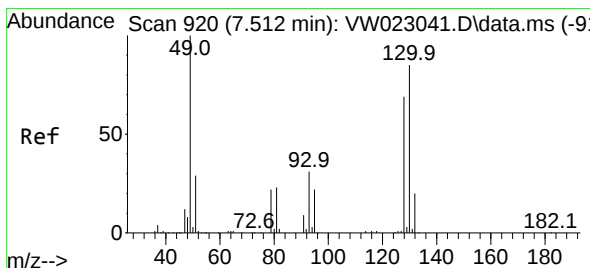
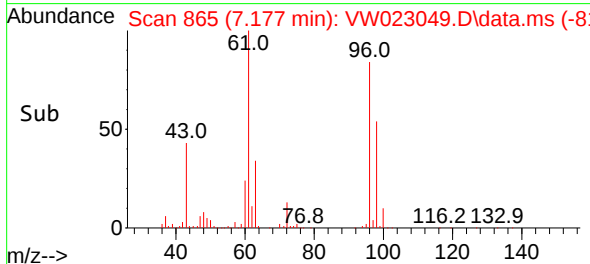
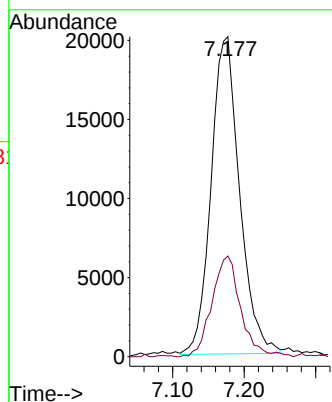
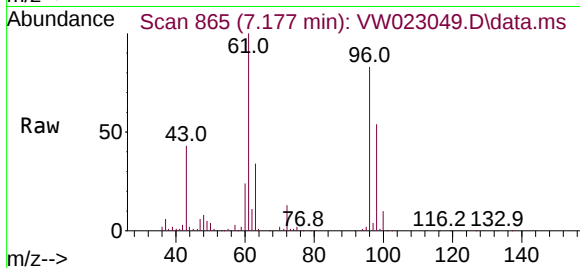




#22
2-Butanone
Concen: 39.219 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

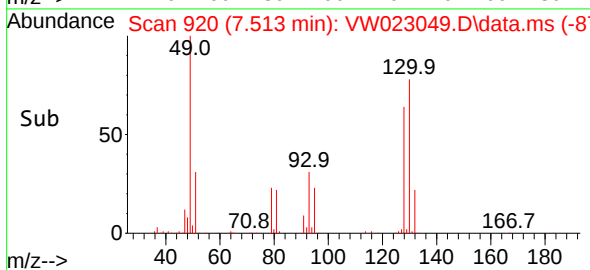
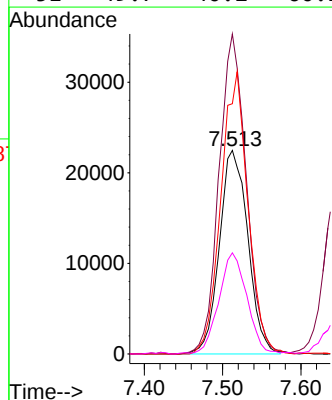
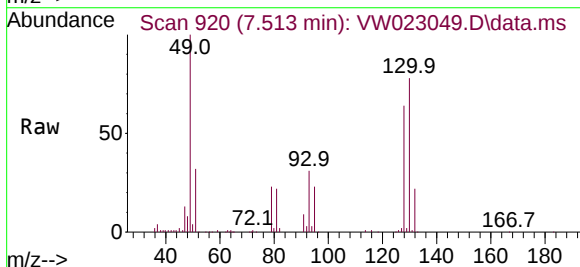
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

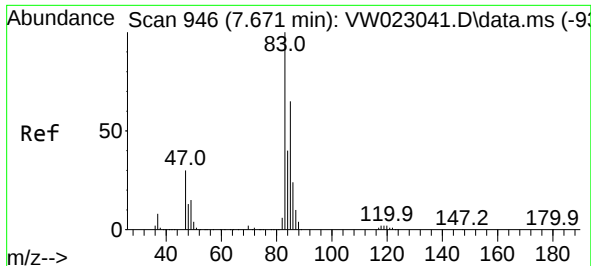
Tgt Ion: 43 Resp: 55651
Ion Ratio Lower Upper
43 100
72 31.3 15.1 45.3



#23
Bromochloromethane
Concen: 22.566 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion: 128 Resp: 56841
Ion Ratio Lower Upper
128 100
49 157.3 110.0 204.4
130 123.0 94.8 176.0
51 49.7 40.2 60.2





#25

Chloroform

Concen: 23.586 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

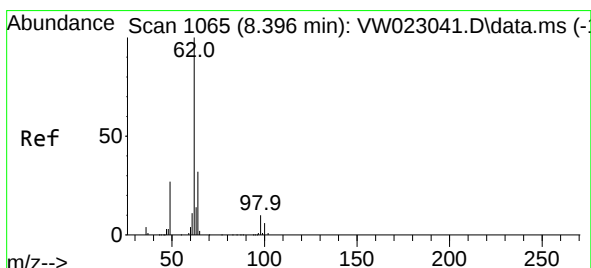
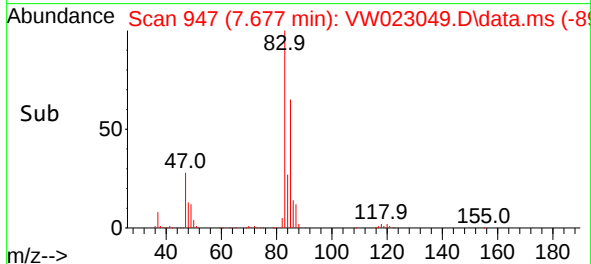
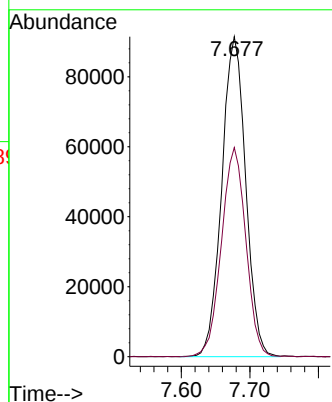
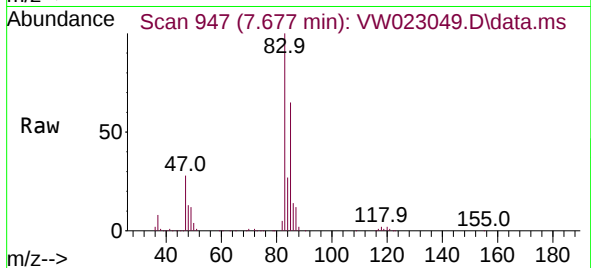
EXLD9MSD

Tgt Ion: 83 Resp: 221334

Ion Ratio Lower Upper

83 100

85 65.3 46.6 86.6



#27

1,2-Dichloroethane

Concen: 22.883 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023049.D

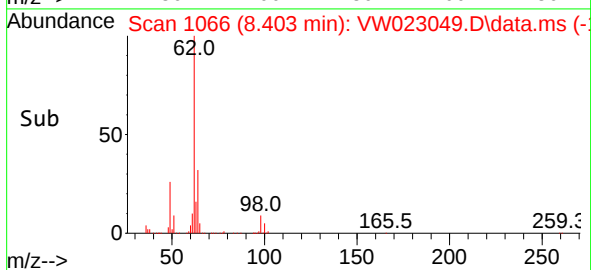
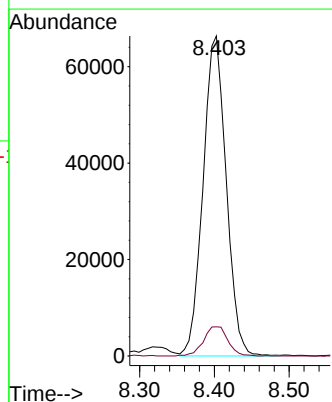
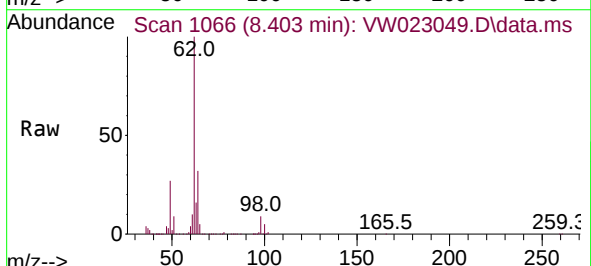
Acq: 16 May 2022 13:33

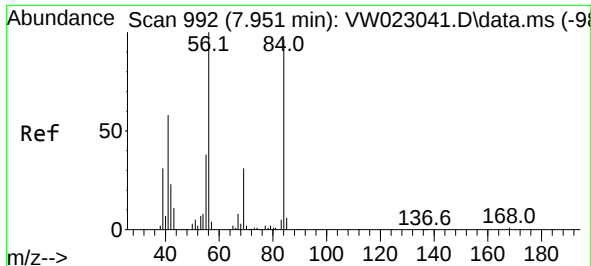
Tgt Ion: 62 Resp: 143141

Ion Ratio Lower Upper

62 100

98 9.1 7.2 10.8





#29

Cyclohexane

Concen: 19.035 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MSD

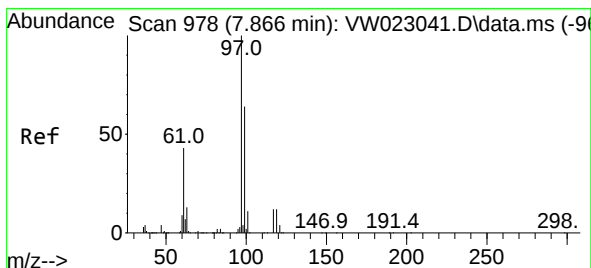
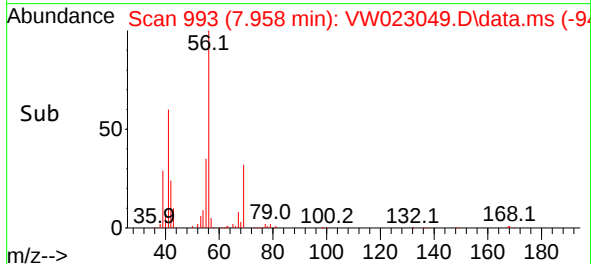
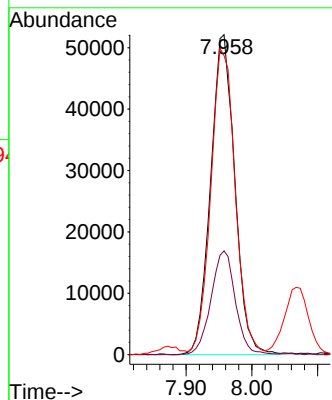
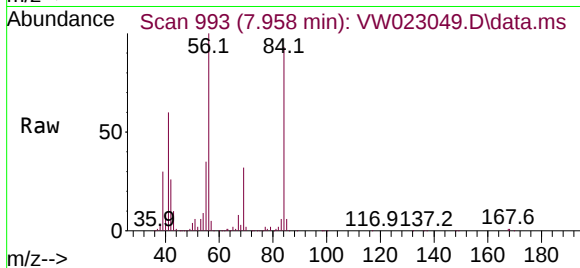
Tgt Ion: 56 Resp: 133696

Ion Ratio Lower Upper

56 100

69 32.6 25.6 38.4

84 96.5 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.501 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

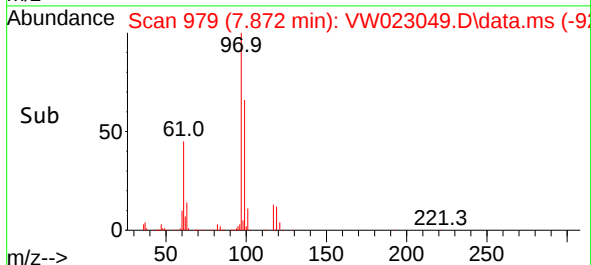
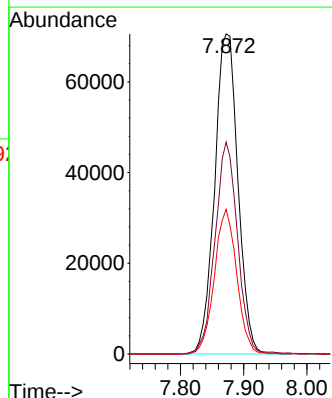
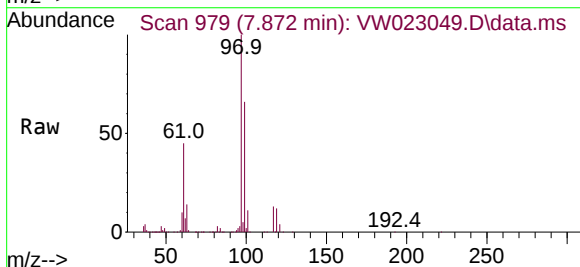
Tgt Ion: 97 Resp: 180358

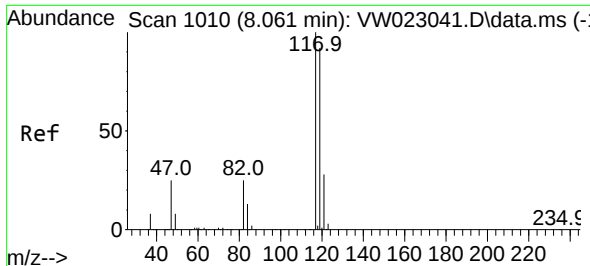
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 43.4 34.8 52.2

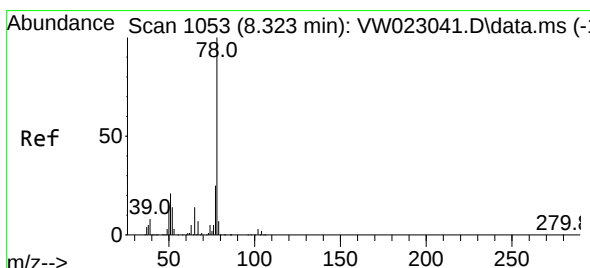
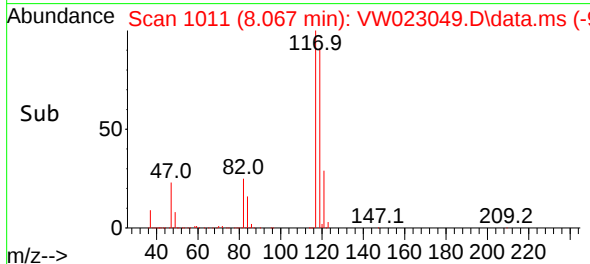
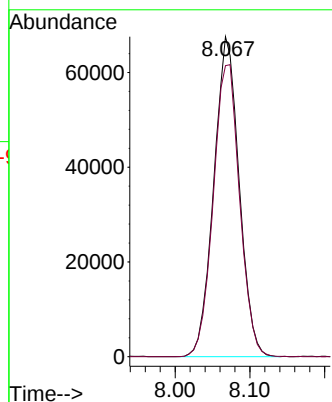
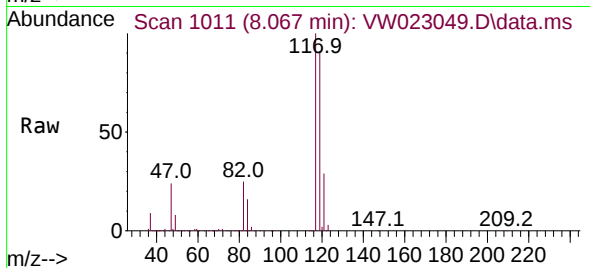




#31
Carbon tetrachloride
Concen: 22.183 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

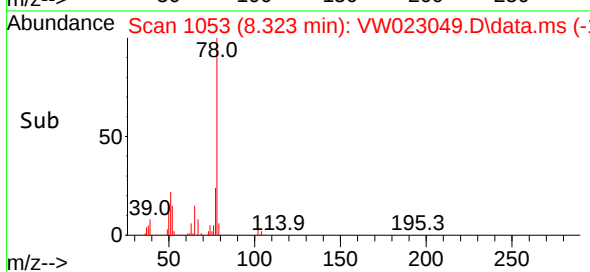
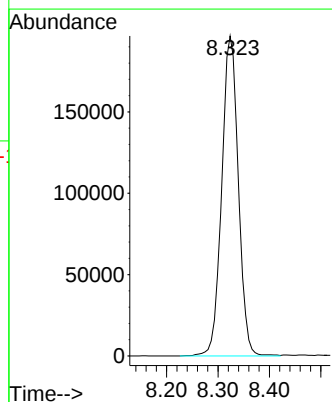
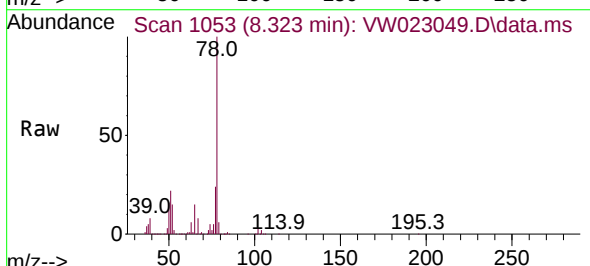
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

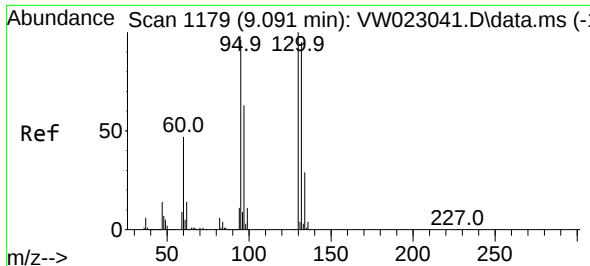
Tgt Ion:117 Resp: 159252
Ion Ratio Lower Upper
117 100
119 95.1 76.6 115.0



#33
Benzene
Concen: 23.066 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion: 78 Resp: 441292





#34

Trichloroethene

Concen: 21.564 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MSD

Tgt Ion: 95 Resp: 113456

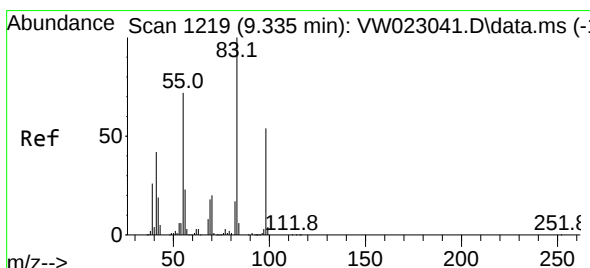
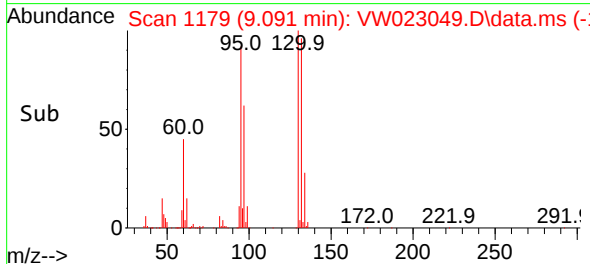
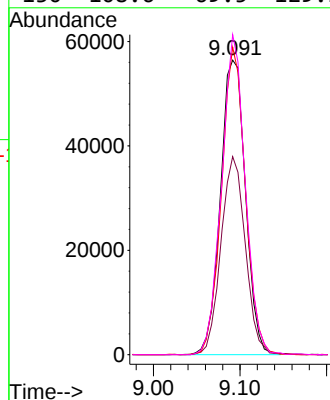
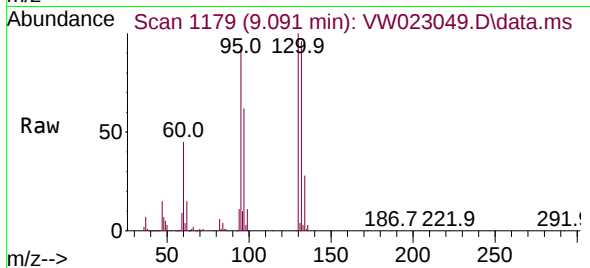
Ion Ratio Lower Upper

95 100

97 67.3 46.1 85.7

132 104.4 66.9 124.3

130 108.6 69.5 129.1



#35

Methylcyclohexane

Concen: 16.707 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

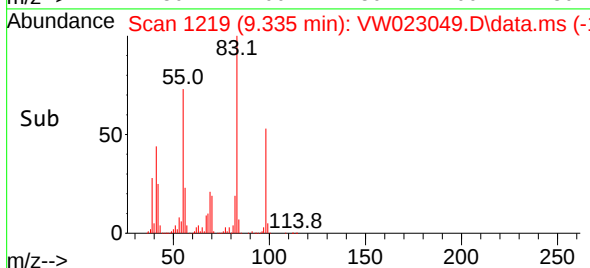
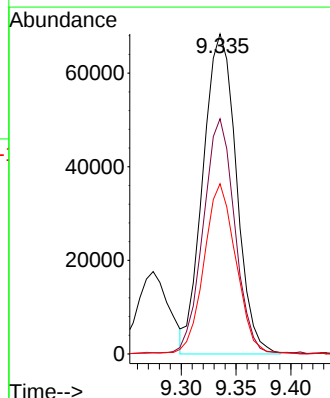
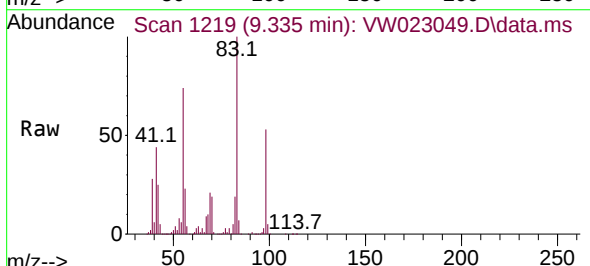
Tgt Ion: 83 Resp: 144411

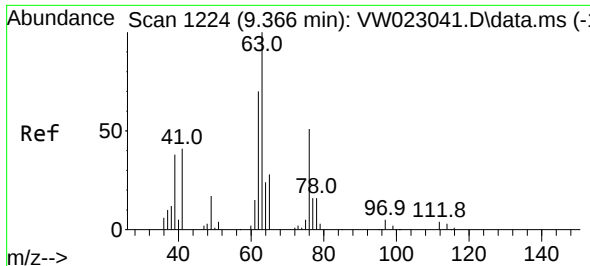
Ion Ratio Lower Upper

83 100

55 69.9 55.1 82.7

98 49.9 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.347 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

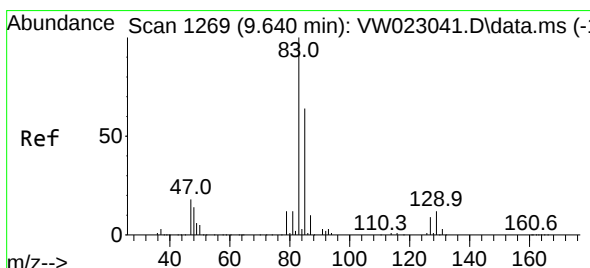
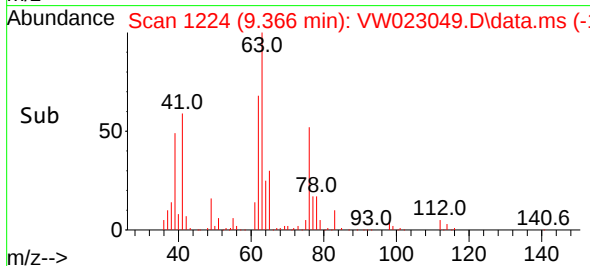
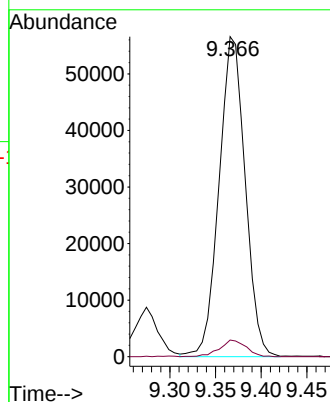
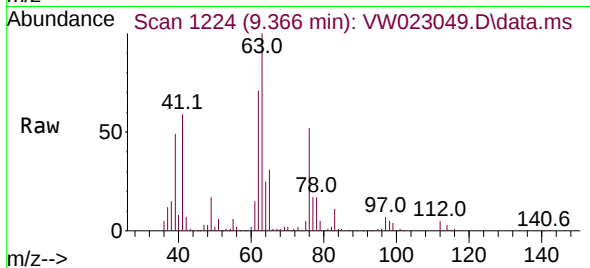
EXLD9MSD

Tgt Ion: 63 Resp: 112722

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 24.688 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

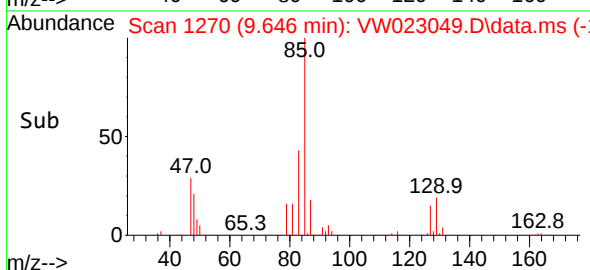
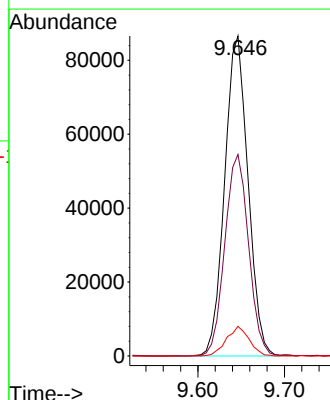
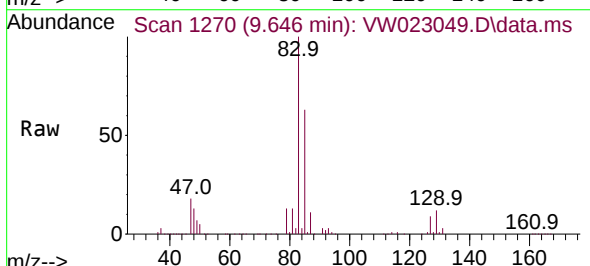
Tgt Ion: 83 Resp: 162350

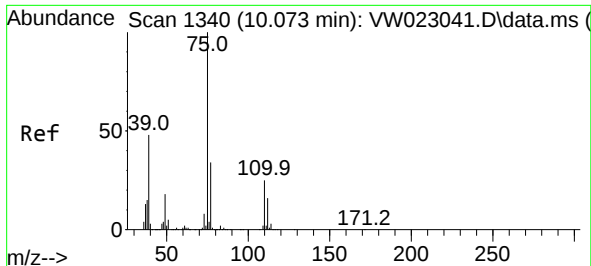
Ion Ratio Lower Upper

83 100

85 62.9 43.5 80.7

127 9.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.167 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

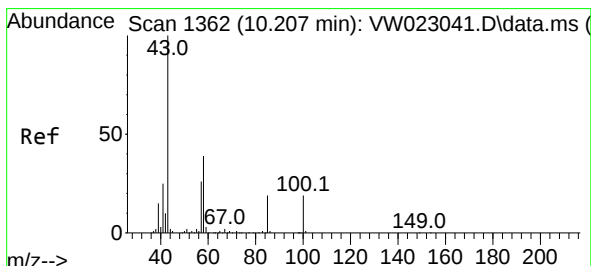
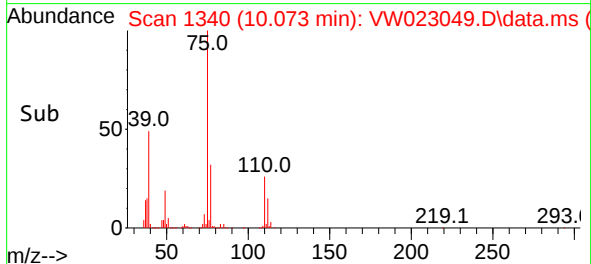
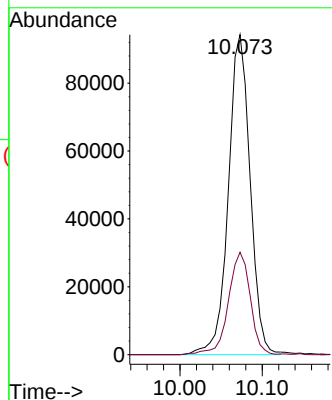
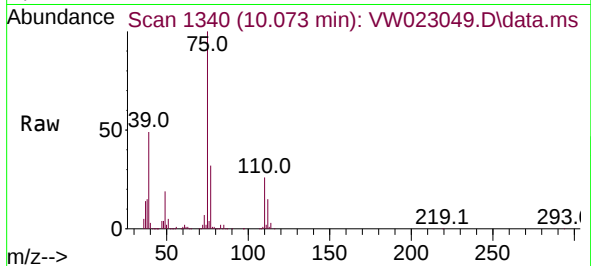
EXLD9MSD

Tgt Ion: 75 Resp: 173490

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.205 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

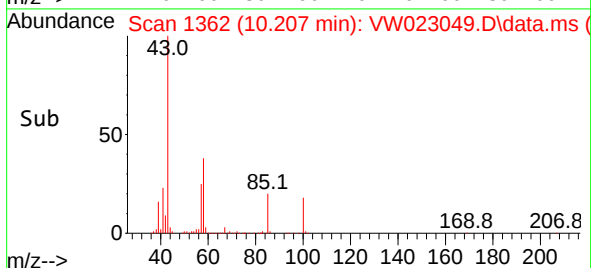
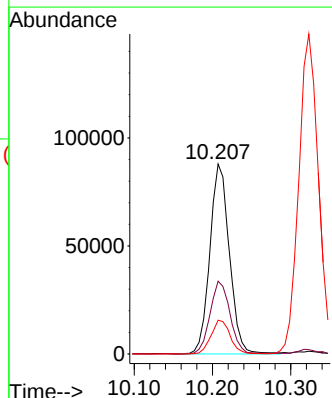
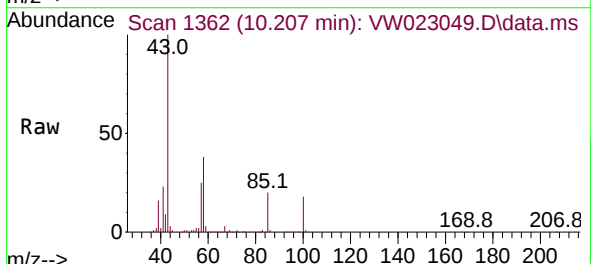
Tgt Ion: 43 Resp: 152341

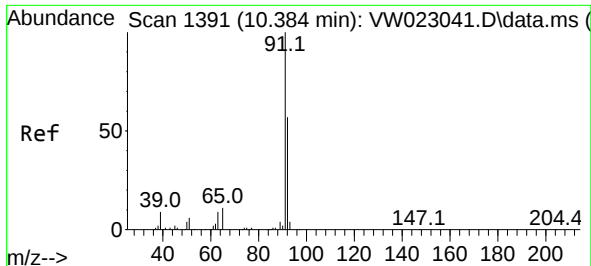
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.2

100 17.5 14.2 21.4

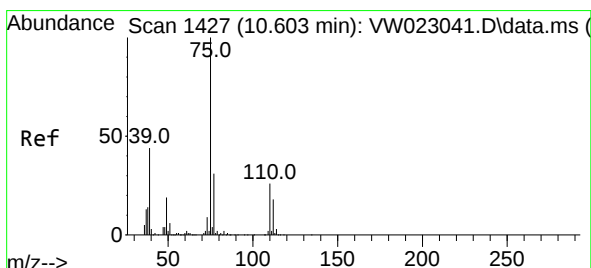
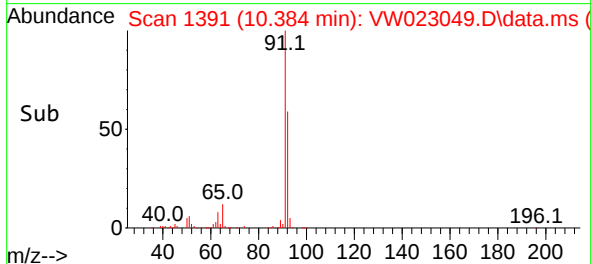
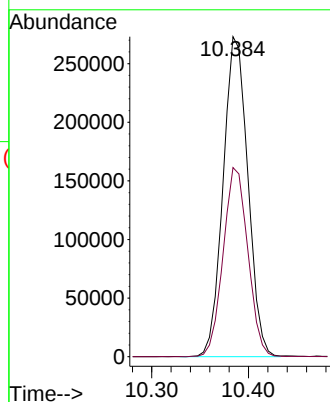
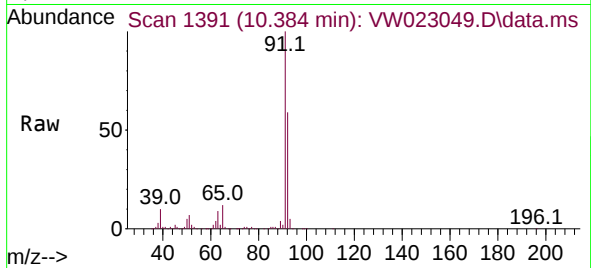




#42
Toluene
Concen: 22.575 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

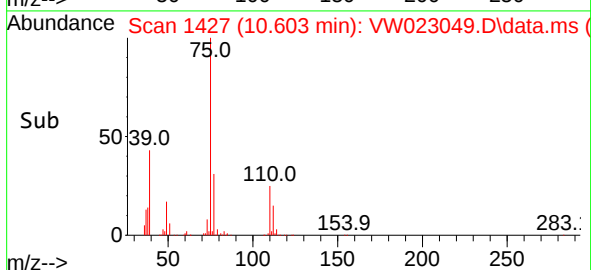
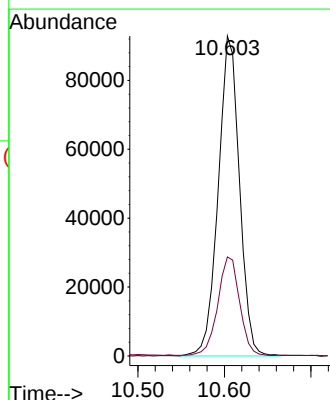
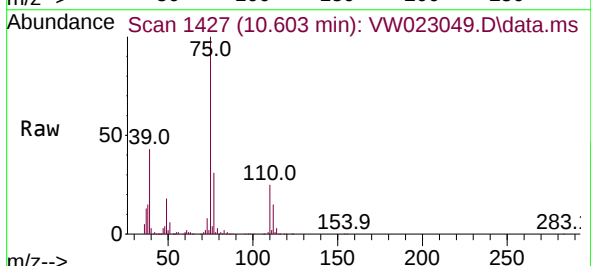
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

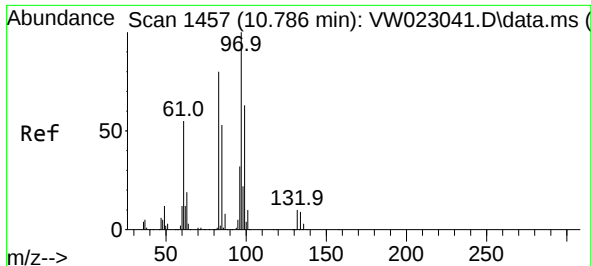
Tgt Ion: 91 Resp: 484023
Ion Ratio Lower Upper
91 100
92 59.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.644 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion: 75 Resp: 157909
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8

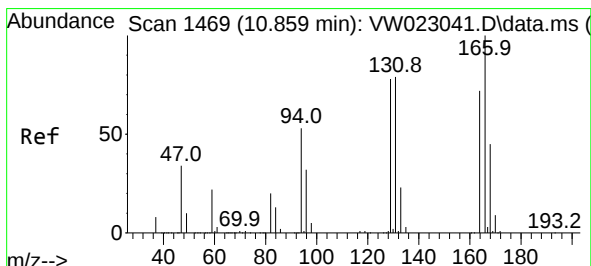
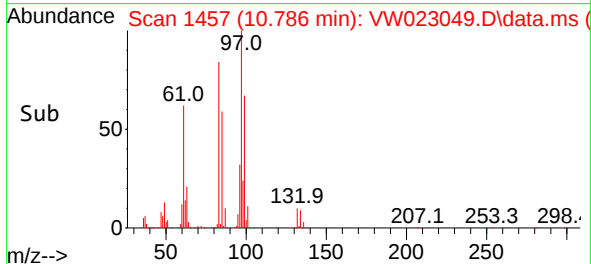
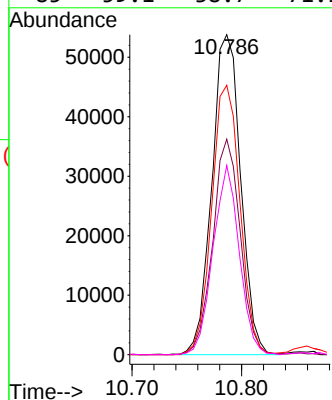
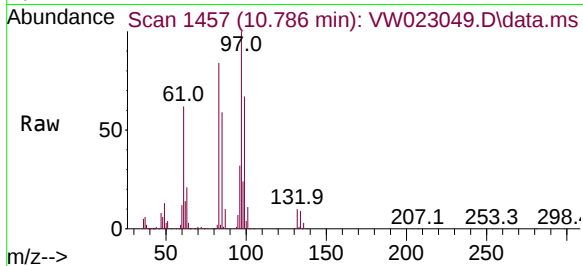




#45
1,1,2-Trichloroethane
Concen: 25.393 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

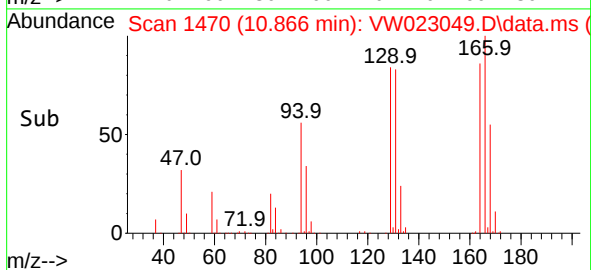
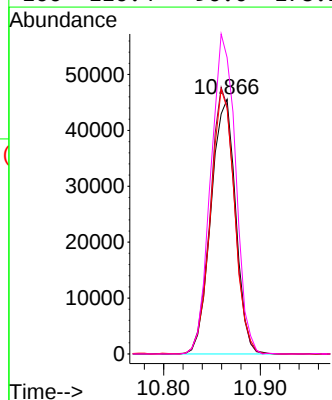
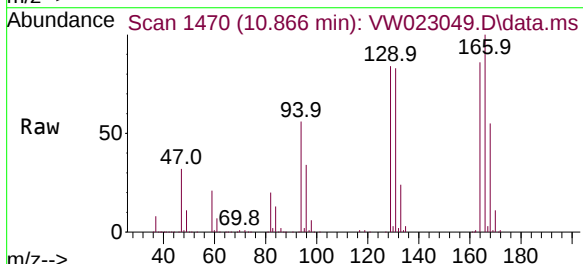
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

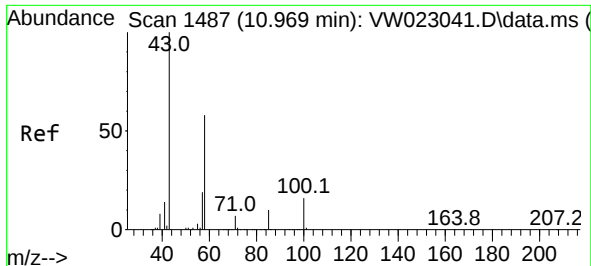
Tgt Ion:	97	Resp:	98280
Ion	Ratio	Lower	Upper
97	100		
99	67.4	44.7	82.9
83	84.2	58.4	108.4
85	59.1	38.7	71.9



#46
Tetrachloroethene
Concen: 20.333 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion:	164	Resp:	80399
Ion	Ratio	Lower	Upper
164	100		
129	97.4	76.9	142.7
131	96.5	75.1	139.5
166	116.4	96.0	178.2

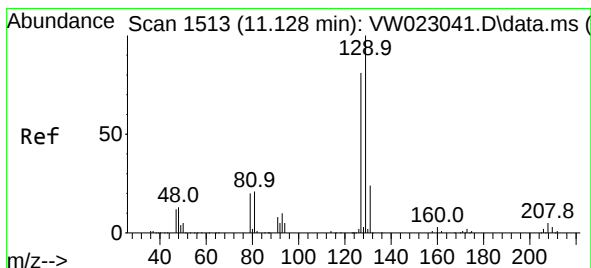
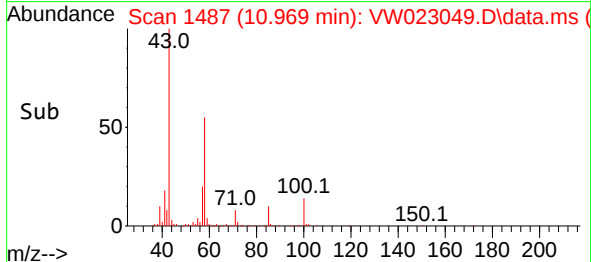
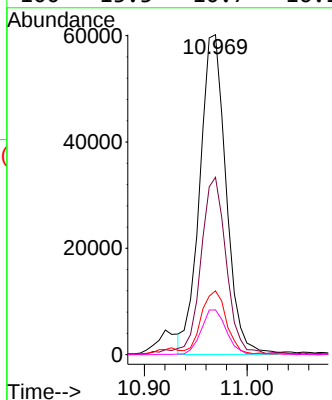
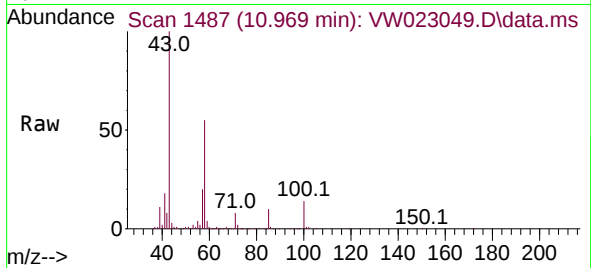




#48
2-Hexanone
Concen: 55.033 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

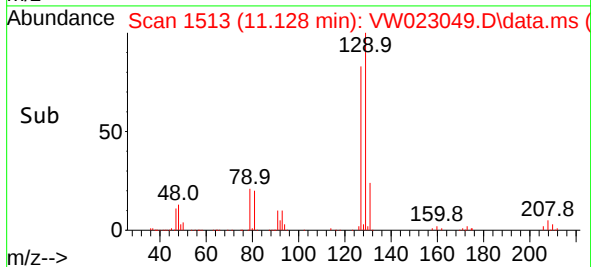
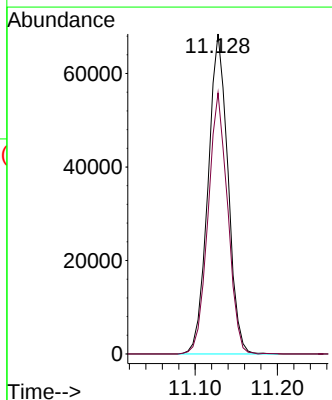
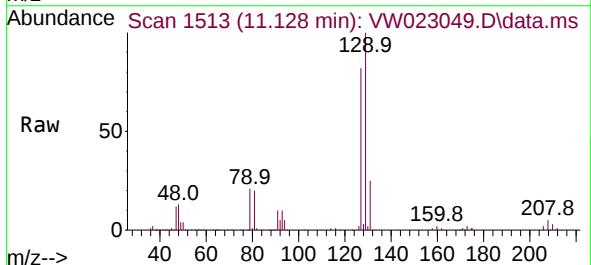
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

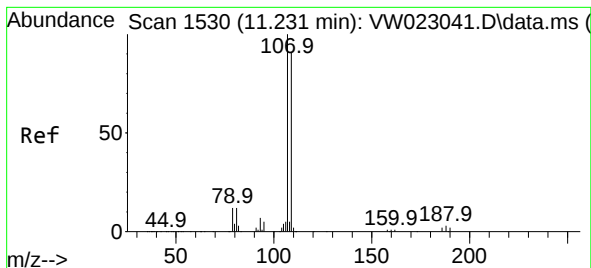
Tgt Ion: 43 Resp: 107303
Ion Ratio Lower Upper
43 100
58 54.0 45.9 68.9
57 19.0 16.2 24.2
100 13.3 10.7 16.1



#49
Dibromochloromethane
Concen: 24.702 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion:129 Resp: 115068
Ion Ratio Lower Upper
129 100
127 81.6 53.8 100.0

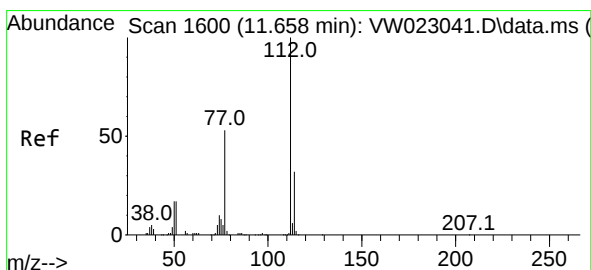
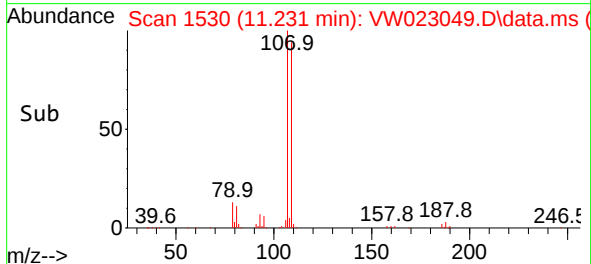
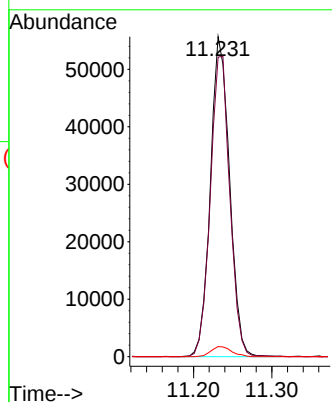
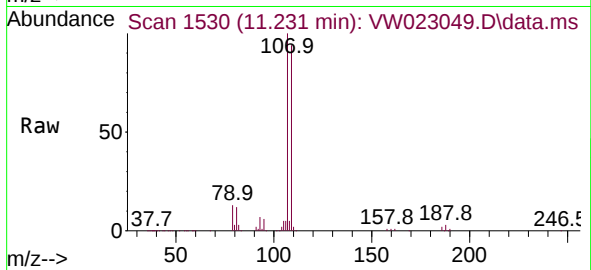




#50
1,2-Dibromoethane
Concen: 24.410 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

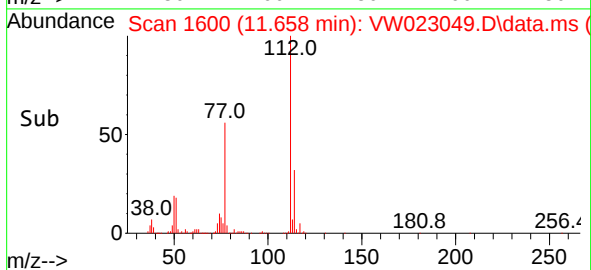
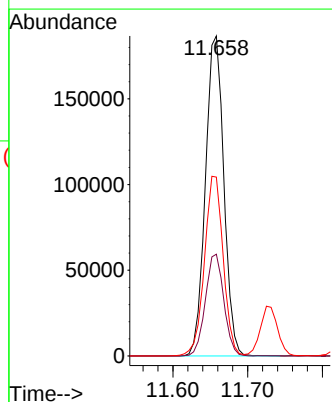
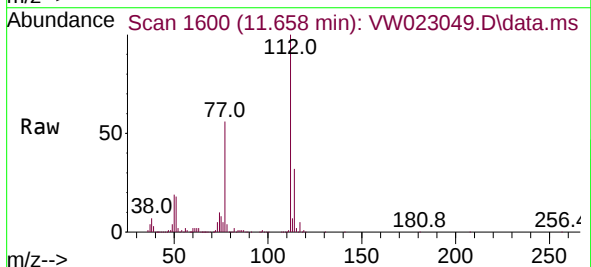
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

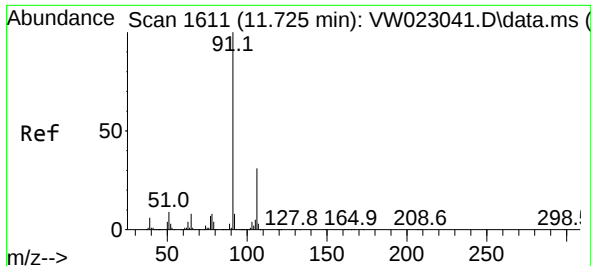
Tgt Ion:107 Resp: 94865
Ion Ratio Lower Upper
107 100
109 93.6 67.5 125.4
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 22.644 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion:112 Resp: 320068
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 55.9 42.6 63.8

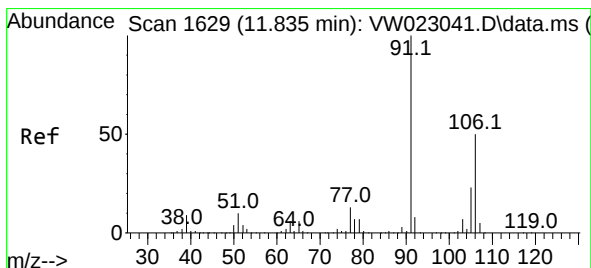
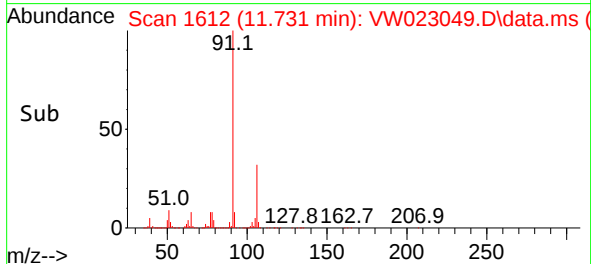
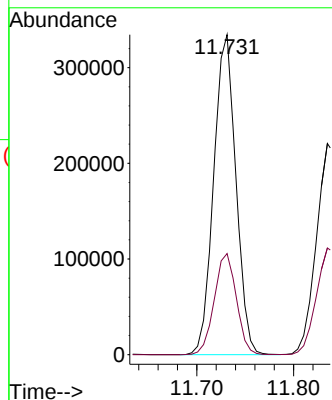
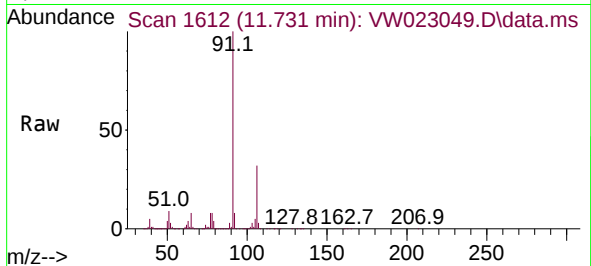




#52
Ethylbenzene
Concen: 22.361 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

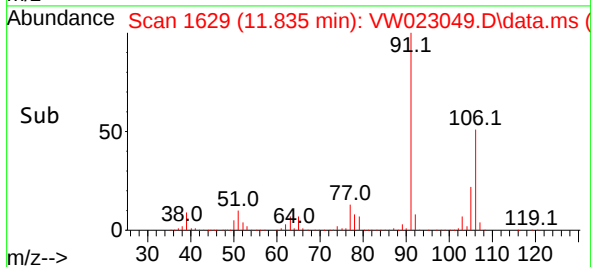
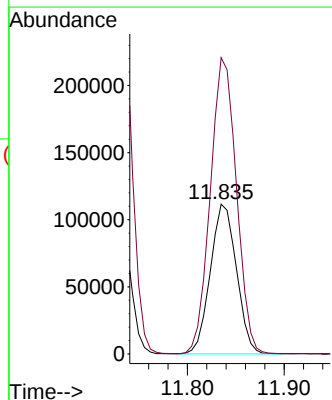
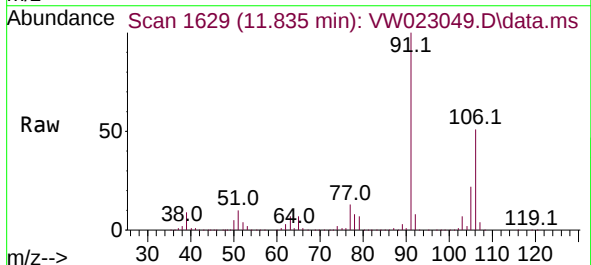
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

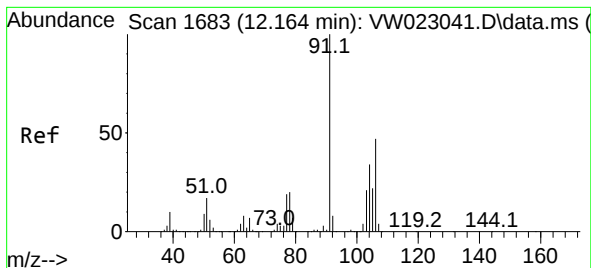
Tgt Ion: 91 Resp: 533379
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 22.301 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion: 106 Resp: 209600
Ion Ratio Lower Upper
106 100
91 197.8 136.8 254.0





#54

o-Xylene

Concen: 23.300 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

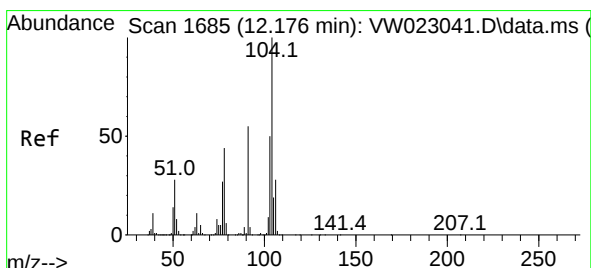
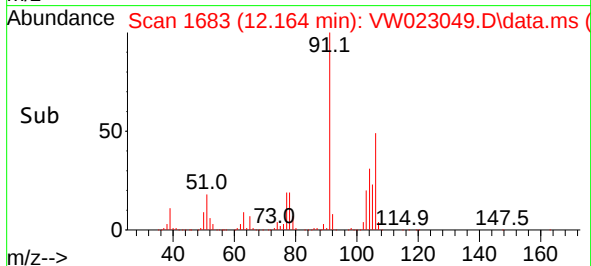
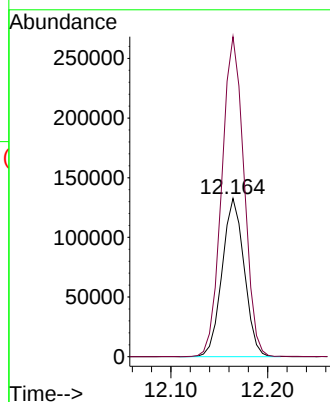
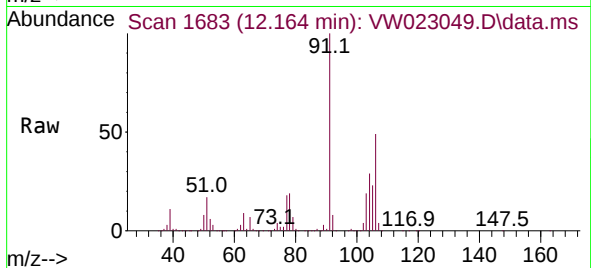
EXLD9MSD

Tgt Ion:106 Resp: 210148

Ion Ratio Lower Upper

106 100

91 202.3 147.2 273.4



#55

Styrene

Concen: 22.627 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW023049.D

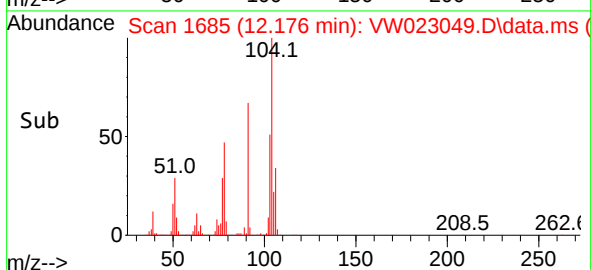
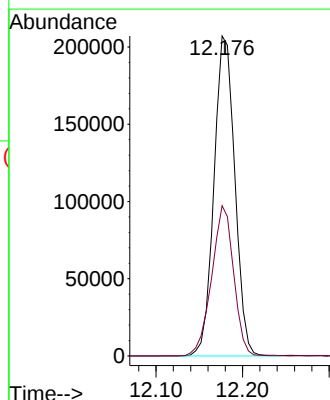
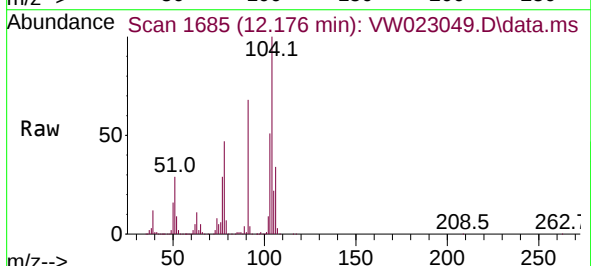
Acq: 16 May 2022 13:33

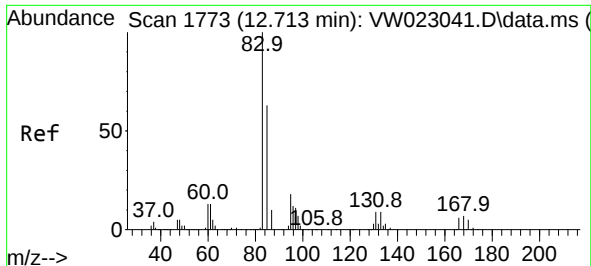
Tgt Ion:104 Resp: 346771

Ion Ratio Lower Upper

104 100

78 46.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.126 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MSD

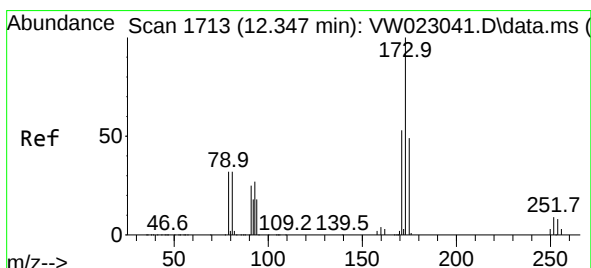
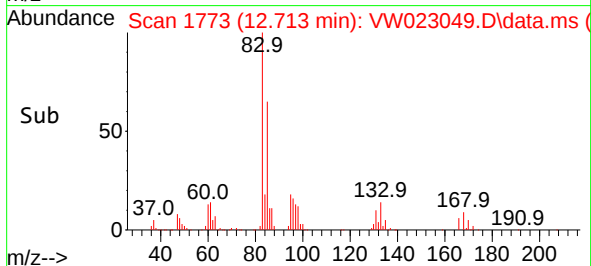
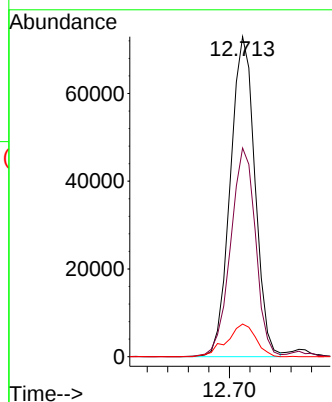
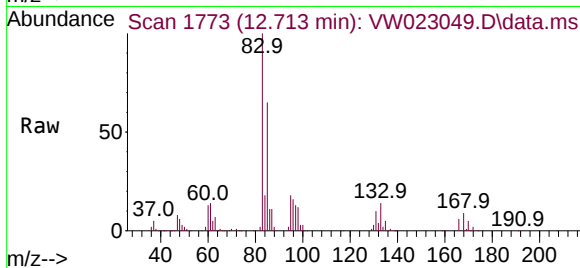
Tgt Ion: 83 Resp: 121463

Ion Ratio Lower Upper

83 100

85 65.2 47.5 88.1

131 10.2 8.7 13.1



#59

Bromoform

Concen: 28.456 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

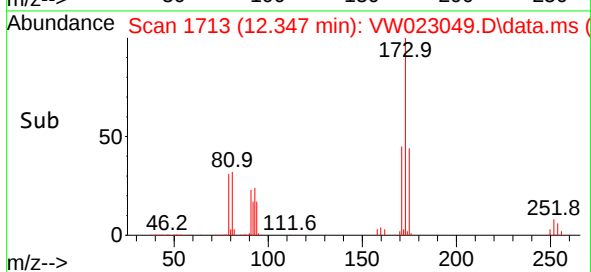
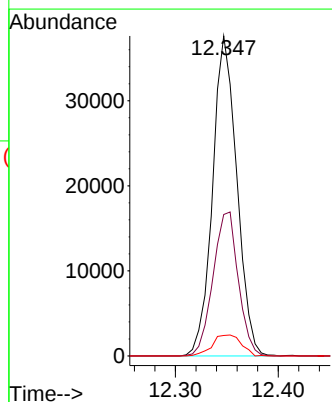
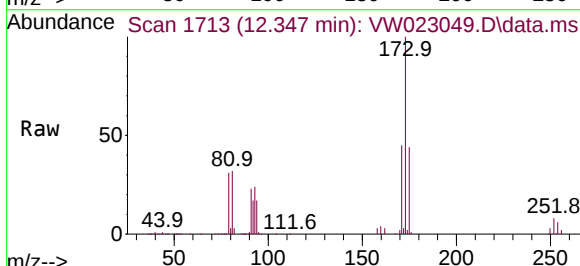
Tgt Ion: 173 Resp: 61670

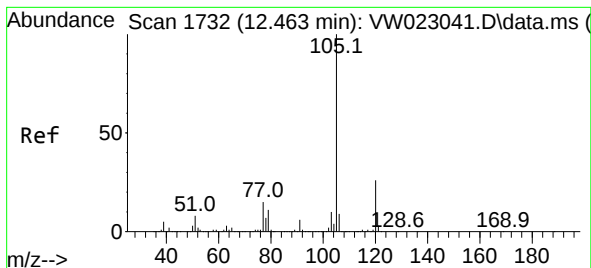
Ion Ratio Lower Upper

173 100

175 46.7 38.1 57.1

254 7.8 6.5 9.7





#60

Isopropylbenzene

Concen: 25.658 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MSD

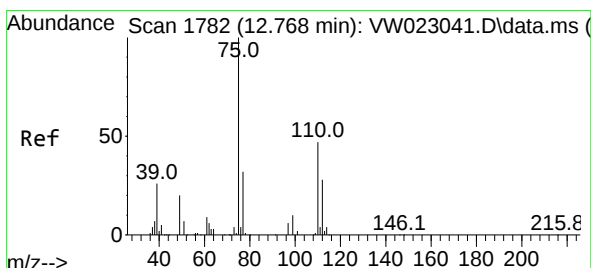
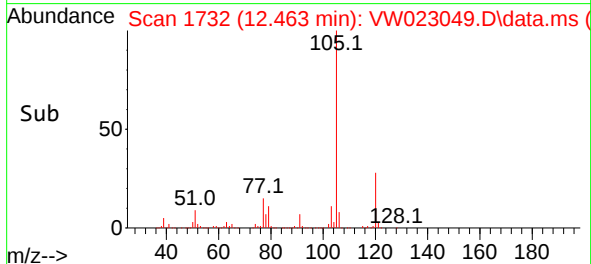
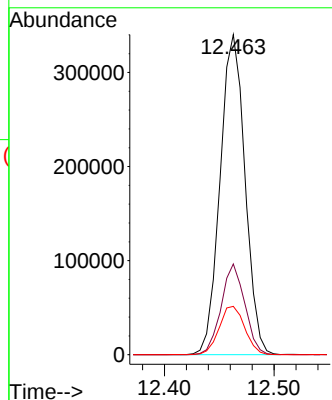
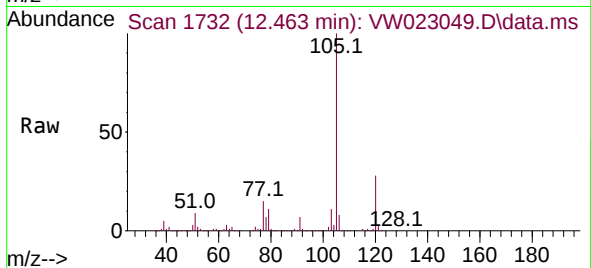
Tgt Ion:105 Resp: 537534

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 28.001 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

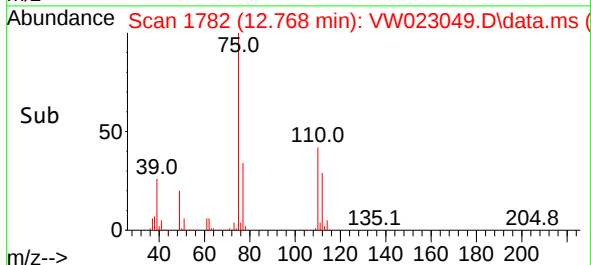
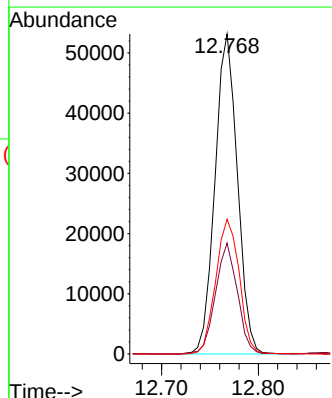
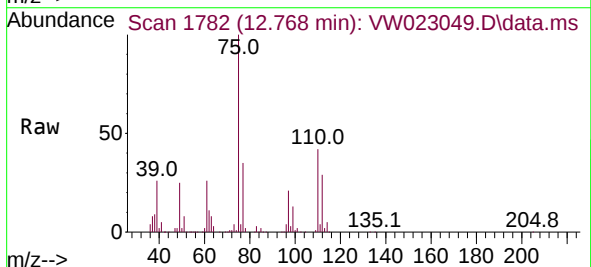
Tgt Ion: 75 Resp: 85560

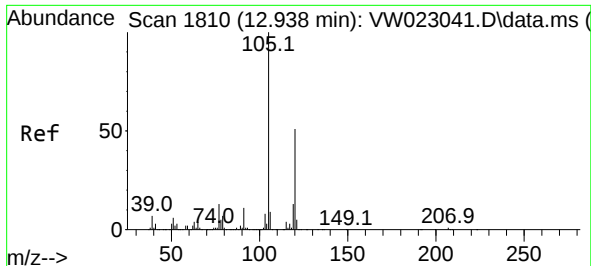
Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

110 44.0 34.1 51.1

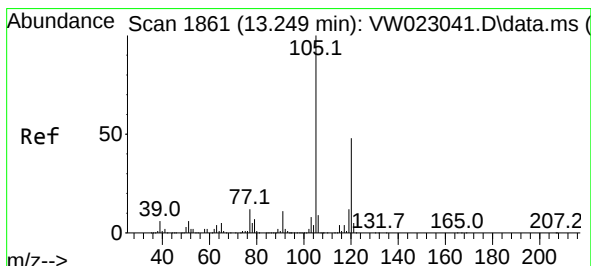
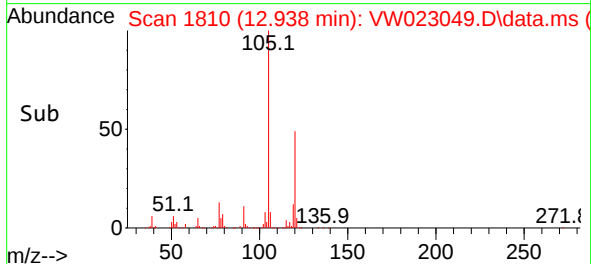
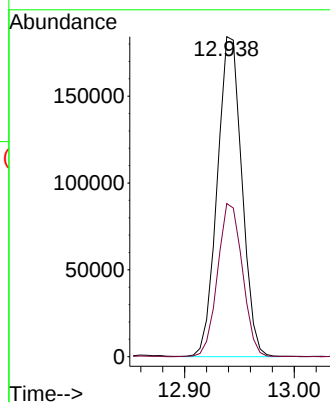
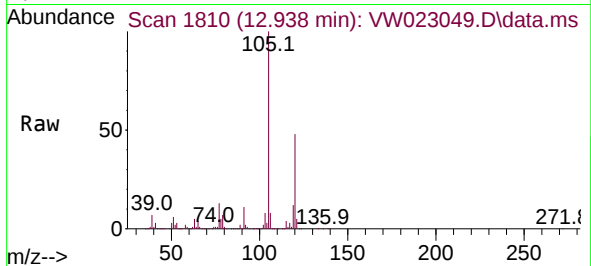




#62
 1,3,5-Trimethylbenzene
 Concen: 24.764 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

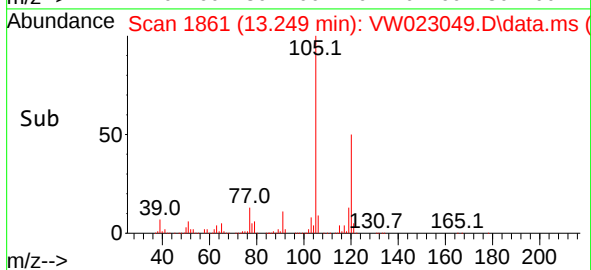
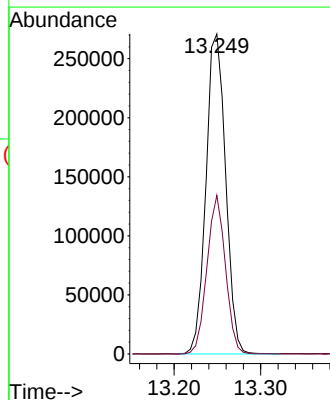
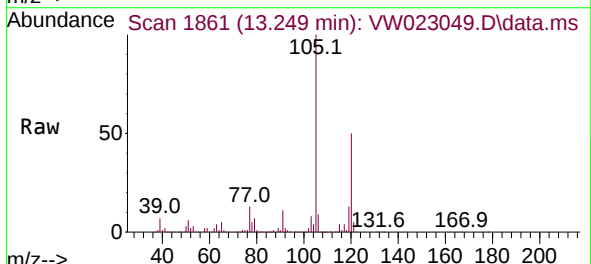
Instrument :
 MSVOA_W
 ClientSampleId :
 EXLD9MSD

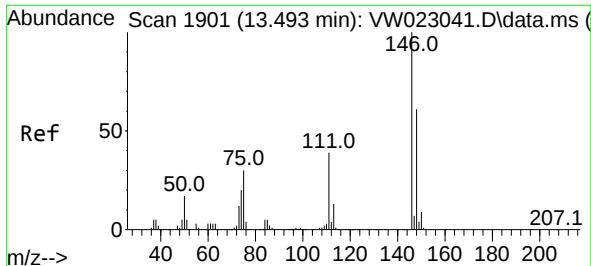
Tgt Ion:105 Resp: 288629
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 24.385 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

Tgt Ion:105 Resp: 426757
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.4 56.2

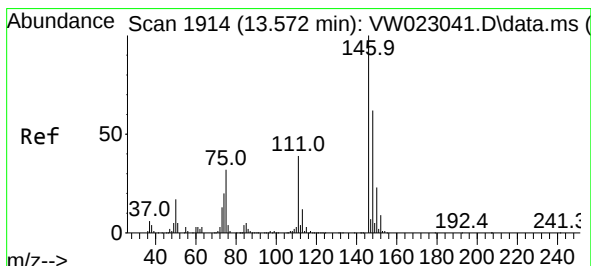
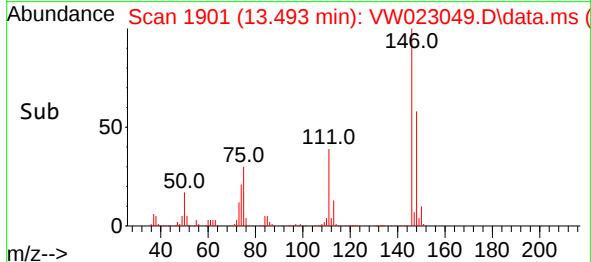
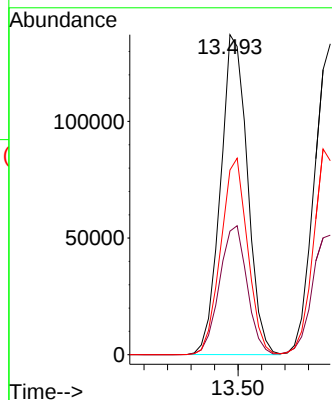
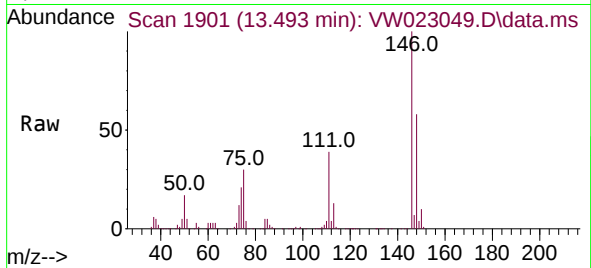




#64
1,3-Dichlorobenzene
Concen: 23.357 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

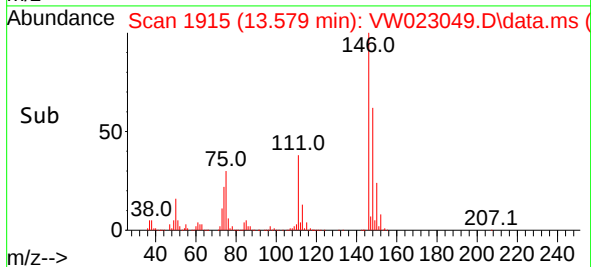
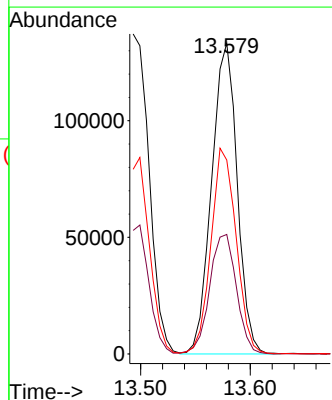
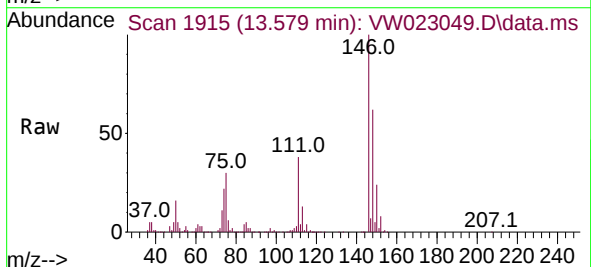
Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

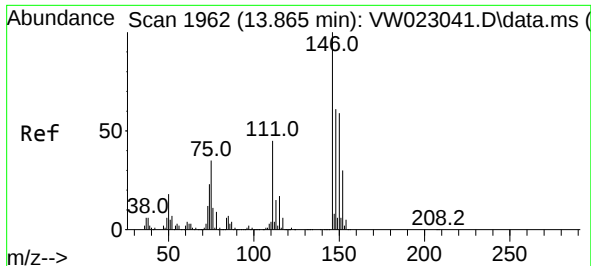
Tgt Ion:146 Resp: 218474
Ion Ratio Lower Upper
146 100
111 38.6 29.5 54.9
148 57.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.363 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion:146 Resp: 216061
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 62.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.796 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

EXLD9MSD

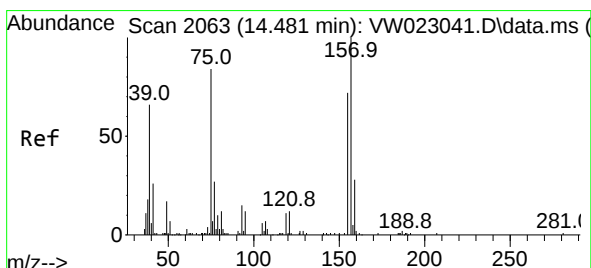
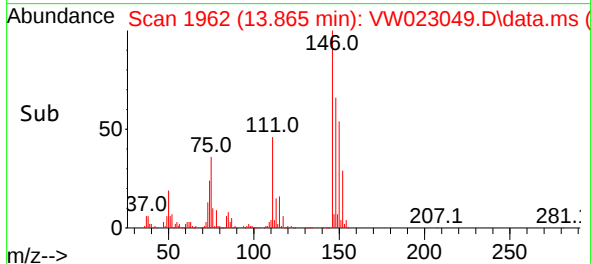
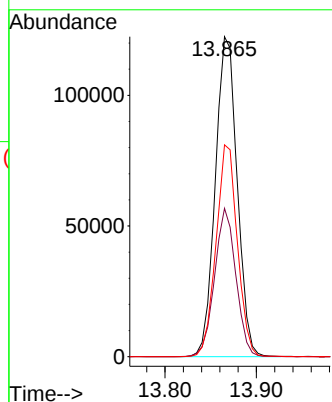
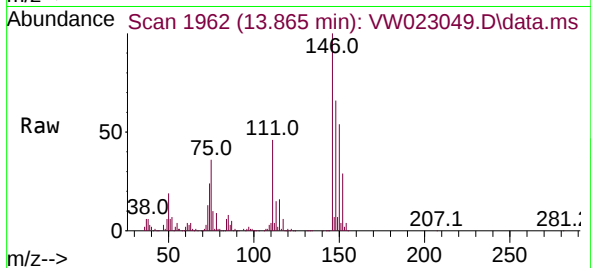
Tgt Ion:146 Resp: 203676

Ion Ratio Lower Upper

146 100

111 46.3 35.7 53.5

148 66.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.648 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023049.D

Acq: 16 May 2022 13:33

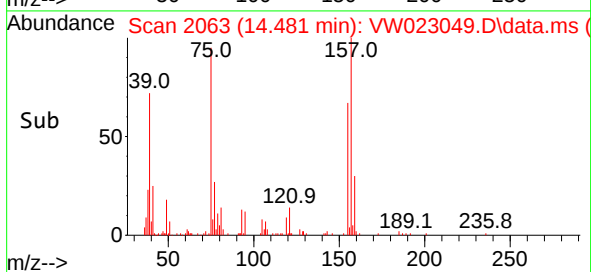
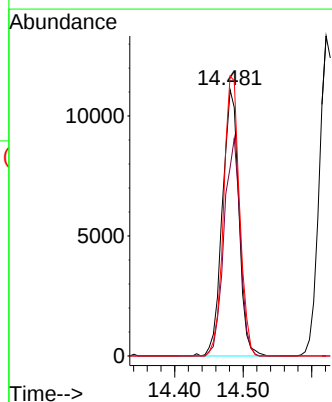
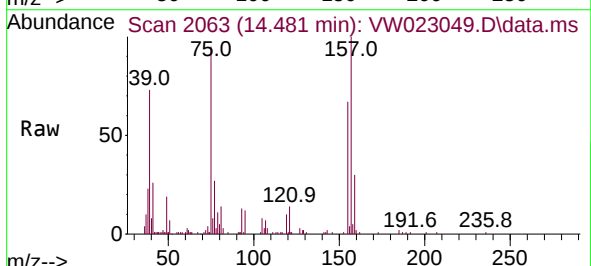
Tgt Ion: 75 Resp: 18463

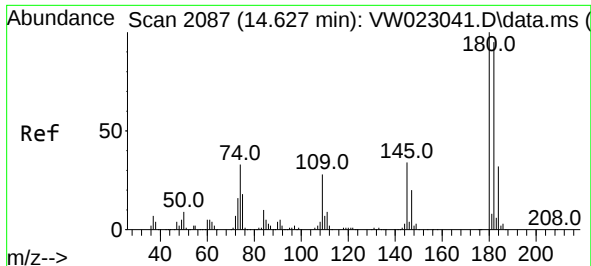
Ion Ratio Lower Upper

75 100

155 70.8 59.3 88.9

157 105.2 89.8 134.8

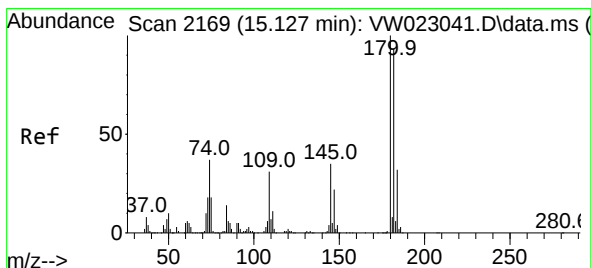
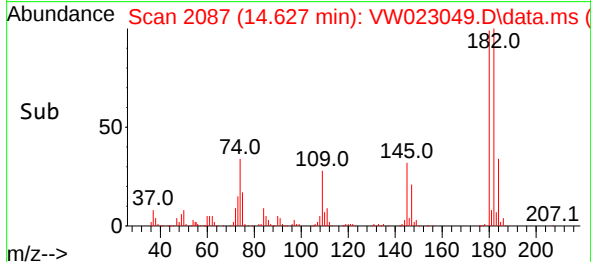
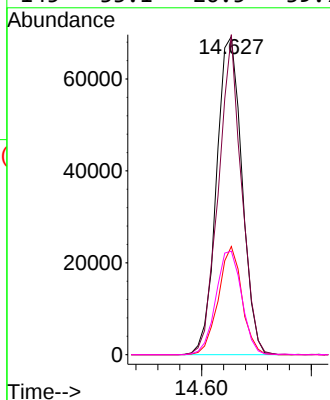
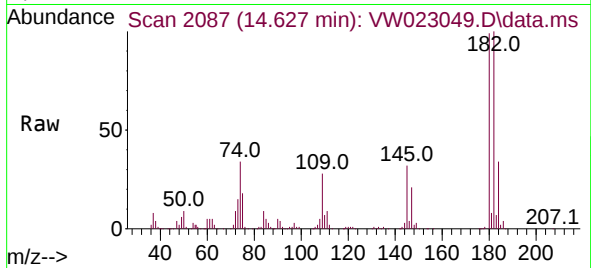




#69
 1,3,5-Trichlorobenzene
 Concen: 18.011 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

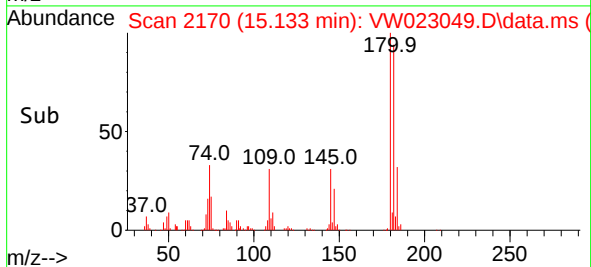
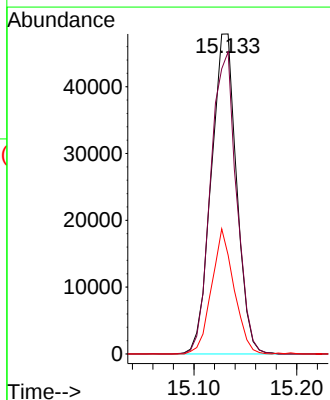
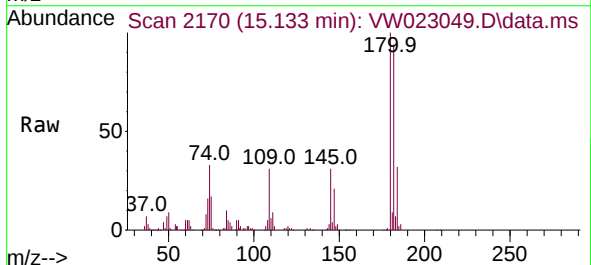
Instrument :
 MSVOA_W
 ClientSampleId :
 EXLD9MSD

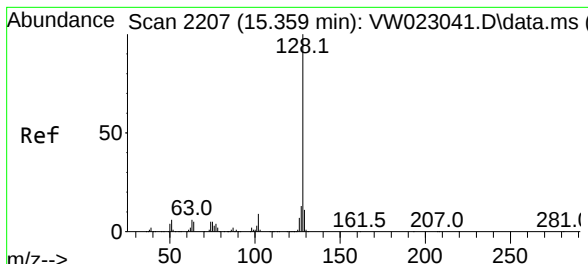
Tgt Ion:	180	Resp:	111826
Ion Ratio	Lower	Upper	
180	100		
182	90.9	74.8	112.2
184	31.6	23.4	35.2
145	33.1	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 16.412 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW023049.D
 Acq: 16 May 2022 13:33

Tgt Ion:	180	Resp:	81970
Ion Ratio	Lower	Upper	
180	100		
182	96.1	74.9	112.3
145	34.6	26.6	39.8

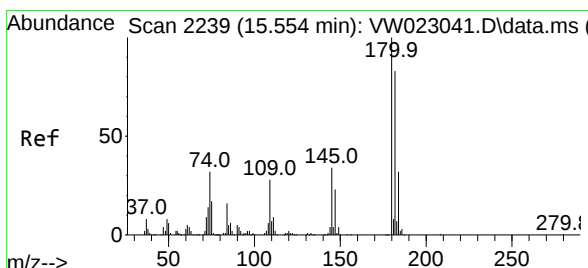
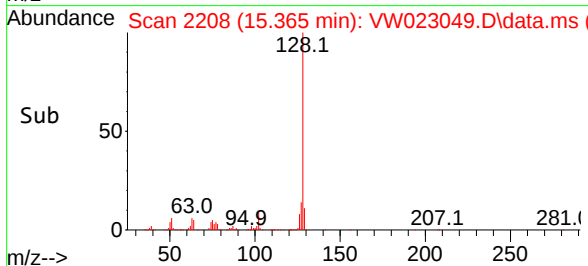
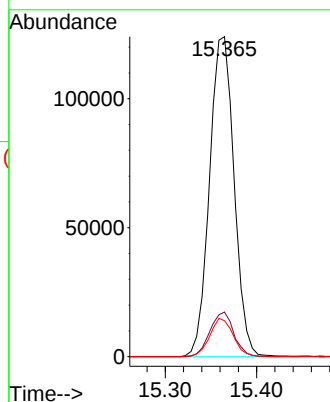
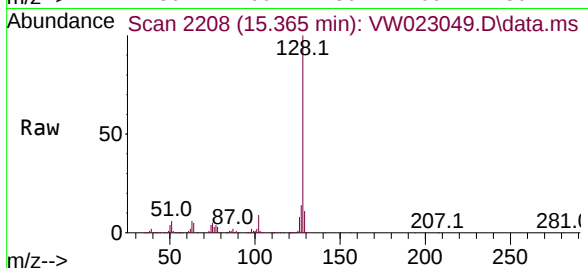




#71
Naphthalene
Concen: 21.324 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Instrument :
MSVOA_W
ClientSampleId :
EXLD9MSD

Tgt Ion:128 Resp: 231480
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 16.009 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023049.D
Acq: 16 May 2022 13:33

Tgt Ion:180 Resp: 70864
Ion Ratio Lower Upper
180 100
182 101.1 73.5 110.3
145 36.8 27.9 41.9

