

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023179.D
 Acq On : 19 May 2022 17:45
 Operator : SY/VA
 Sample : N2926-02MS
 Misc : 4.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MS

Quant Time: May 20 01:52:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	86685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	78459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	35112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	34070	19.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.640%
7) Chloroethane-d5	2.885	69	31140	26.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.640%
11) 1,1-Dichloroethene-d2	4.013	63	46004	20.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.080%
21) 2-Butanone-d5	7.080	46	14240	42.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.220%
24) Chloroform-d	7.653	84	56642	22.303	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.305	65	29524	21.196	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	8.275	84	105089	23.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	9.275	67	30291	23.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.323	98	94156	21.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	10.579	79	11310	19.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.360%
47) 2-Hexanone-d5	10.921	63	7973	32.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.760%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	27480	23.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	26885	21.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1774	3.754	ug/L	92
3) Chloromethane	2.221	50	15990	17.511	ug/L	93
5) Vinyl chloride	2.361	62	30721	16.764	ug/L	96
6) Bromomethane	2.782	94	16954	14.409	ug/L	91
8) Chloroethane	2.922	64	21442	24.258	ug/L	96
9) Trichlorofluoromethane	3.263	101	36528	43.610	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	24273	19.381	ug/L	95
12) 1,1-Dichloroethene	4.038	96	19037	17.147	ug/L	80
13) Acetone	4.129	43	12694	50.141	ug/L	80
14) Carbon disulfide	4.391	76	34683	11.395	ug/L	98
16) Methylene chloride	4.916	84	23100	18.212	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	19622	15.705	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	47176	24.735	ug/L #	93
19) 1,1-Dichloroethane	6.220	63	40173	18.972	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	22722	16.932	ug/L #	96
22) 2-Butanone	7.177	43	11910	33.639	ug/L	95
23) Bromochloromethane	7.519	128	10813	17.205	ug/L	95
25) Chloroform	7.677	83	44991	19.215	ug/L	91
27) 1,2-Dichloroethane	8.397	62	28282	18.120	ug/L #	94

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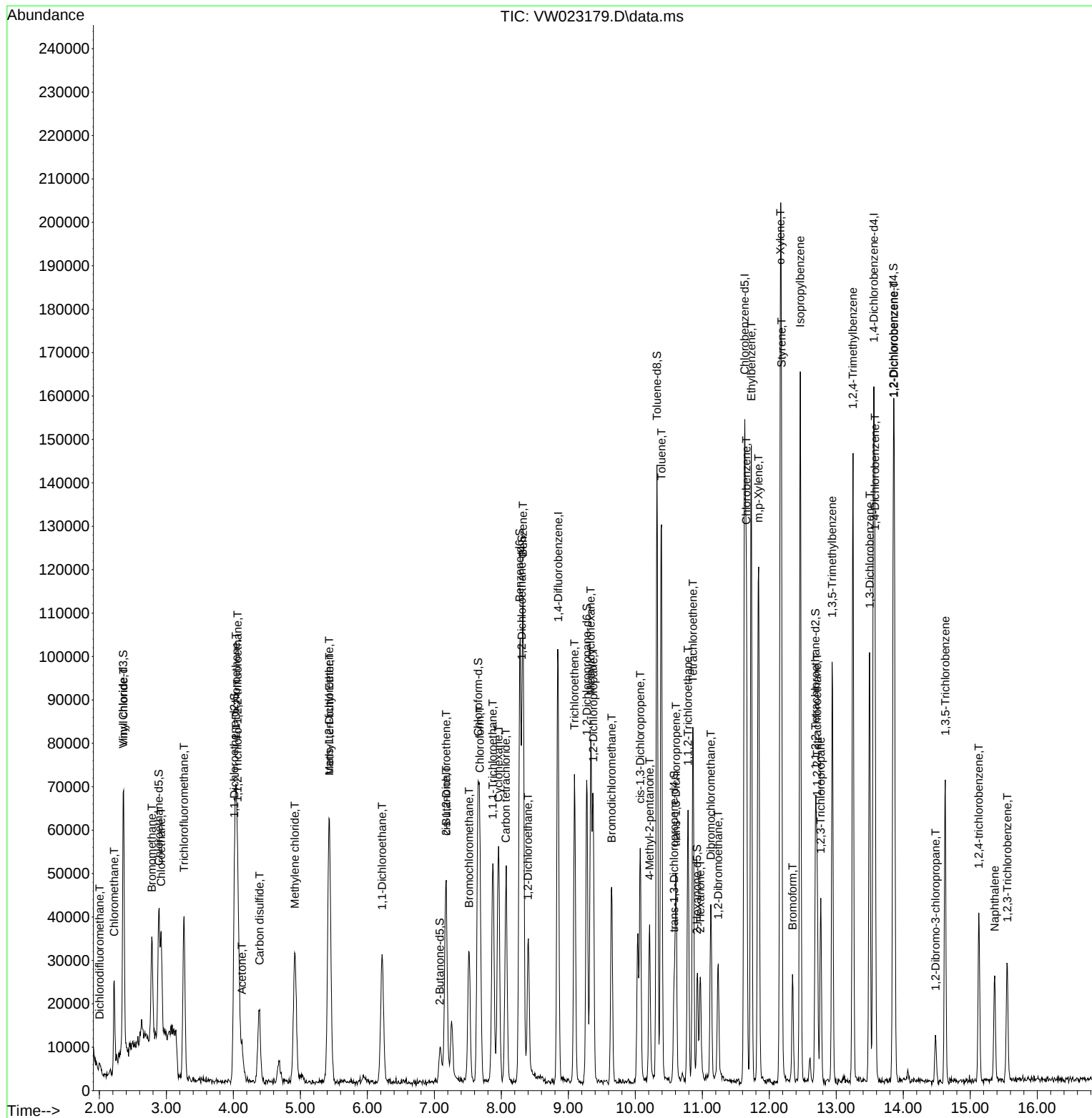
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	27049	15.941	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	40069	21.611	ug/L	99
31) Carbon tetrachloride	8.067	117	34447	19.861	ug/L	97
33) Benzene	8.323	78	90449	19.569	ug/L	100
34) Trichloroethene	9.092	95	23713	18.655	ug/L	90
35) Methylcyclohexane	9.335	83	29280	14.022	ug/L	98
37) 1,2-Dichloropropane	9.372	63	21378	19.113	ug/L	98
38) Bromodichloromethane	9.646	83	30421	19.148	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	28336	16.338	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	22637	32.109	ug/L	97
42) Toluene	10.390	91	96287	18.589	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	24472	15.809	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	19016	20.337	ug/L	98
46) Tetrachloroethene	10.860	164	17527	18.348	ug/L	84
48) 2-Hexanone	10.969	43	15263	32.402	ug/L	97
49) Dibromochloromethane	11.128	129	20637	18.338	ug/L	94
50) 1,2-Dibromoethane	11.238	107	16933	18.035	ug/L	99
51) Chlorobenzene	11.658	112	61550	18.024	ug/L	93
52) Ethylbenzene	11.731	91	99381	17.245	ug/L	97
53) m,p-Xylene	11.841	106	38971	17.163	ug/L	99
54) o-Xylene	12.164	106	38200	17.531	ug/L	97
55) Styrene	12.183	104	62370	16.845	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	21822	18.685	ug/L	98
59) Bromoform	12.347	173	9163	18.414	ug/L	92
60) Isopropylbenzene	12.463	105	103698	21.558	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	15941	22.722	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	49567	18.522	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	74530	18.548	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	38266	17.818	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	40198	18.121	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	38638	19.661	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	2517	16.416	ug/L	83
69) 1,3,5-Trichlorobenzene	14.627	180	19039	13.355	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	11254	9.814	ug/L	95
71) Naphthalene	15.365	128	20107	8.067	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	8097	7.967	ug/L	96

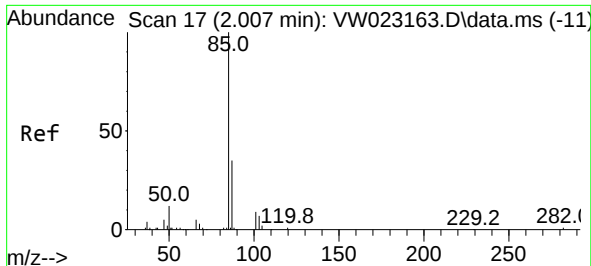
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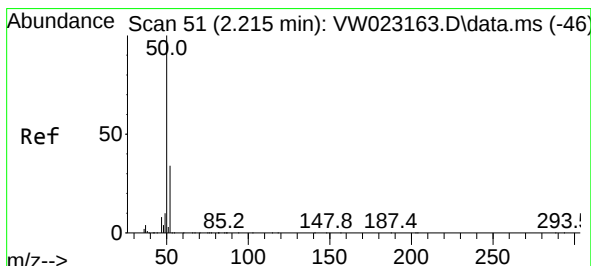
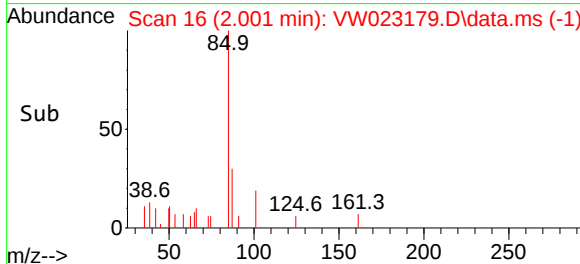
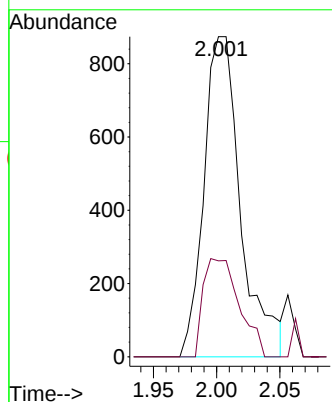
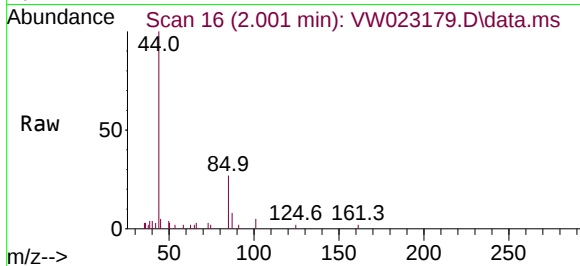




#2
 Dichlorodifluoromethane
 Concen: 3.754 ug/L
 RT: 2.001 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW023179.D
 Acq: 19 May 2022 17:45

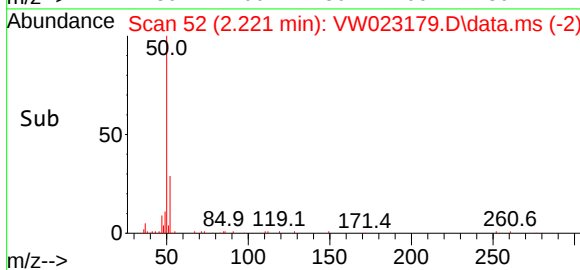
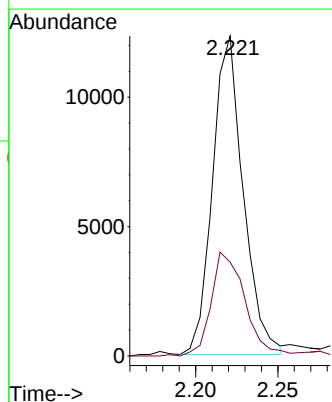
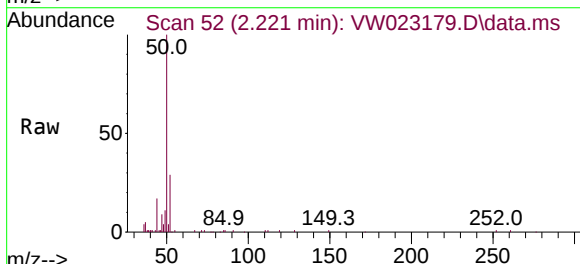
Instrument :
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 ClientSampleId :
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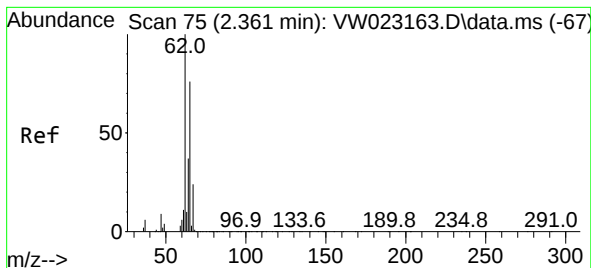
Tgt Ion: 85 Resp: 1774
 Ion Ratio Lower Upper
 85 100
 87 29.9 27.8 41.8



#3
 Chloromethane
 Concen: 17.511 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW023179.D
 Acq: 19 May 2022 17:45

Tgt Ion: 50 Resp: 15990
 Ion Ratio Lower Upper
 50 100
 52 29.3 23.1 42.9





#5

Vinyl chloride

Concen: 16.764 ug/L

RT: 2.361 min Scan# 71

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

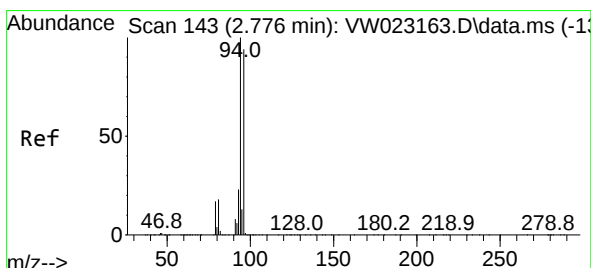
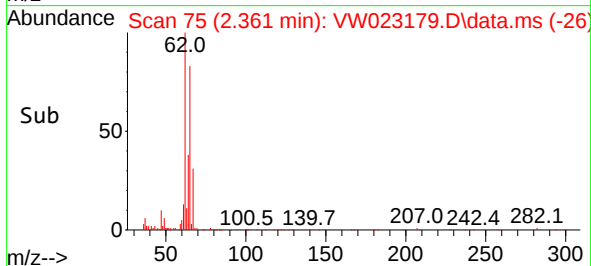
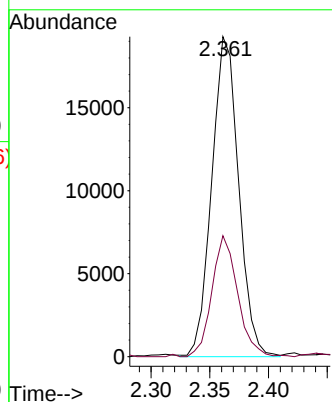
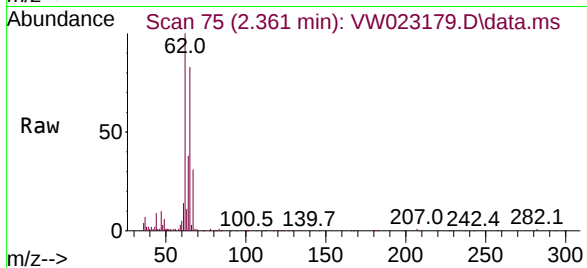
EXY11MS

Tgt Ion: 62 Resp: 30721

Ion Ratio Lower Upper

62 100

64 37.8 24.9 46.3



#6

Bromomethane

Concen: 14.409 ug/L

RT: 2.782 min Scan# 144

Delta R.T. 0.006 min

Lab File: VW023179.D

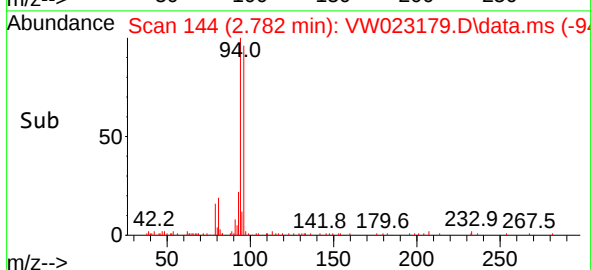
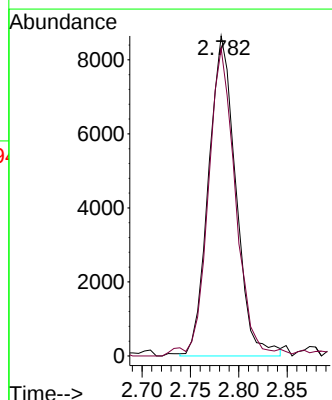
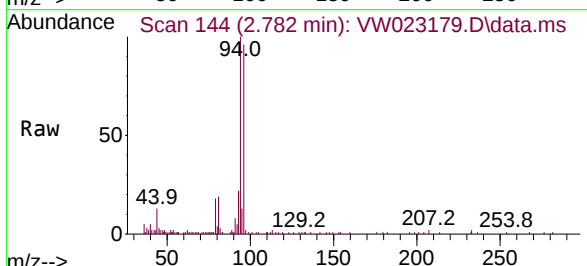
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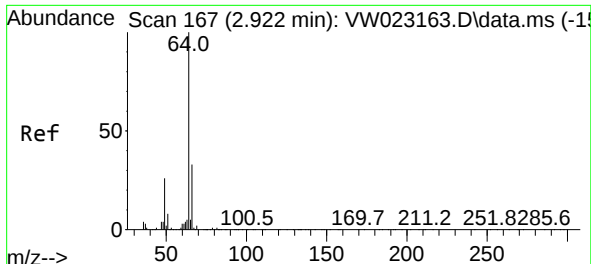
Tgt Ion: 94 Resp: 16954

Ion Ratio Lower Upper

94 100

96 96.1 61.7 114.5

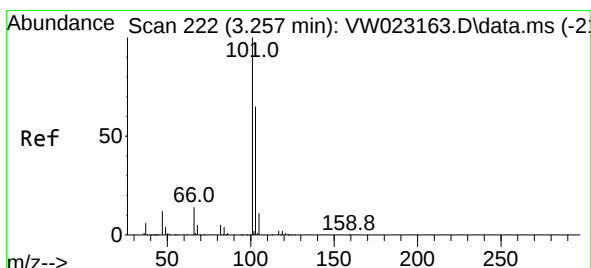
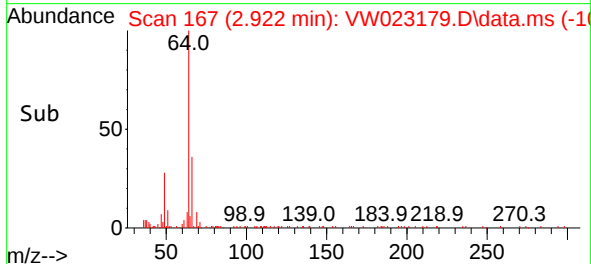
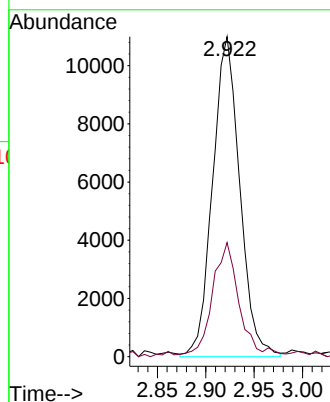
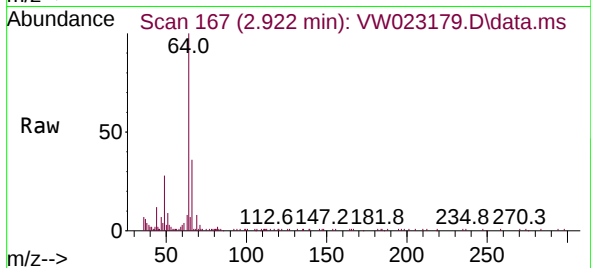




#8
Chloroethane
Concen: 24.258 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

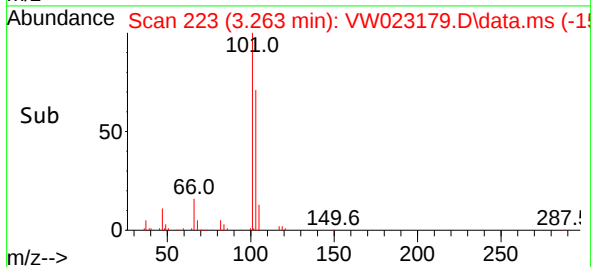
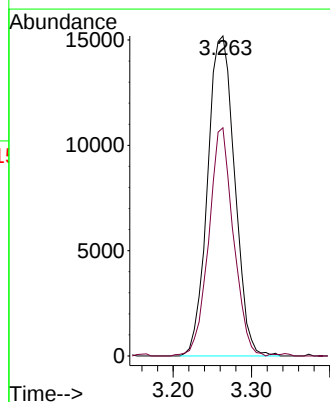
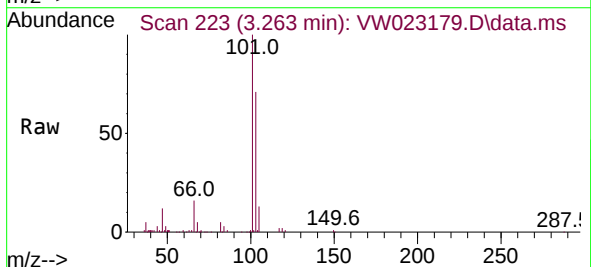
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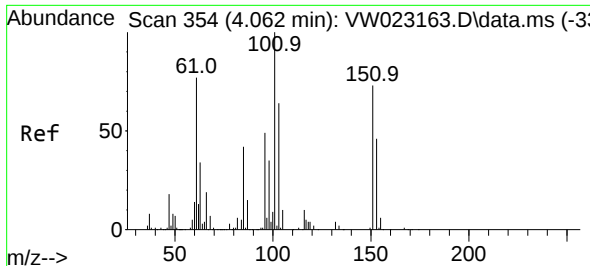
Tgt Ion: 64 Resp: 21442
Ion Ratio Lower Upper
64 100
66 35.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 43.610 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 101 Resp: 36528
Ion Ratio Lower Upper
101 100
103 64.7 53.9 80.9

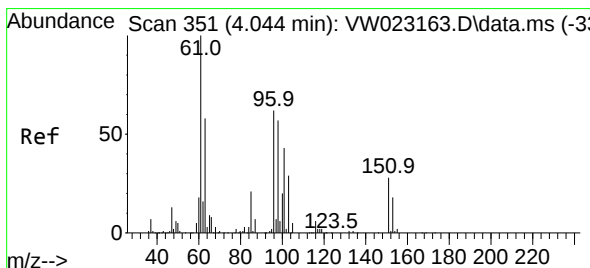
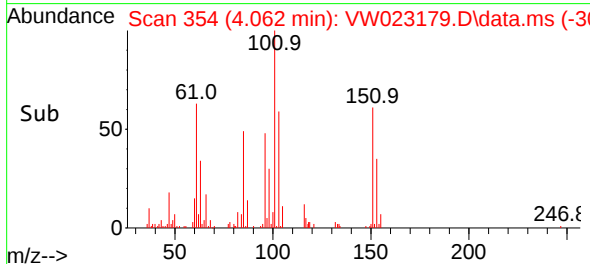
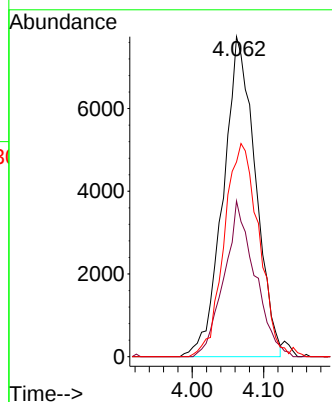
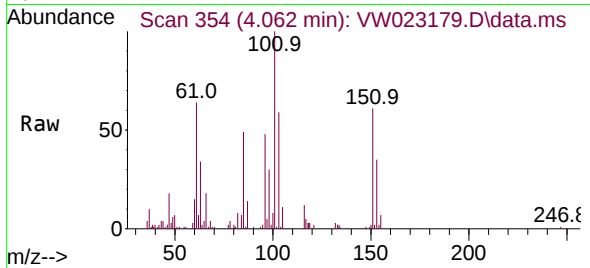




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.381 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023179.D
 Acq: 19 May 2022 17:45

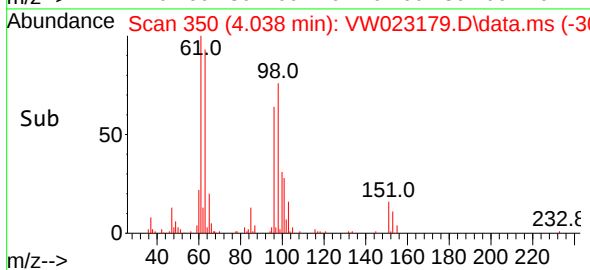
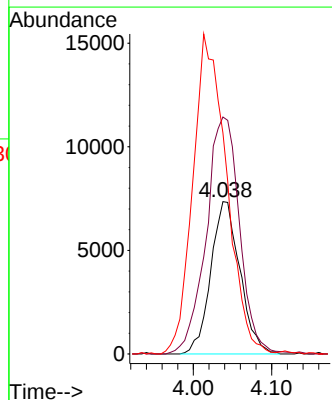
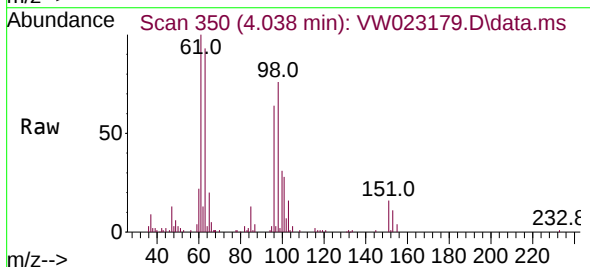
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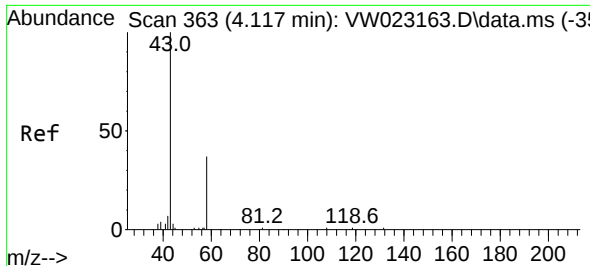
Tgt Ion:101 Resp: 24273
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.3 51.5
 151 71.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 17.147 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023179.D
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Tgt Ion: 96 Resp: 19037
 Ion Ratio Lower Upper
 96 100
 61 155.5 125.7 233.5
 63 145.1 83.4 155.0

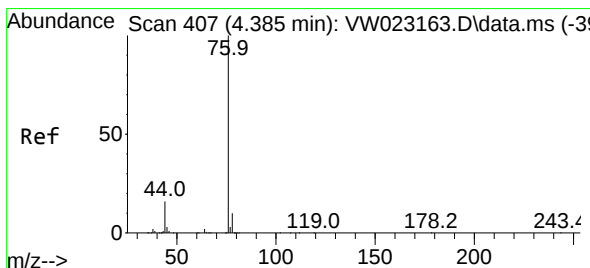
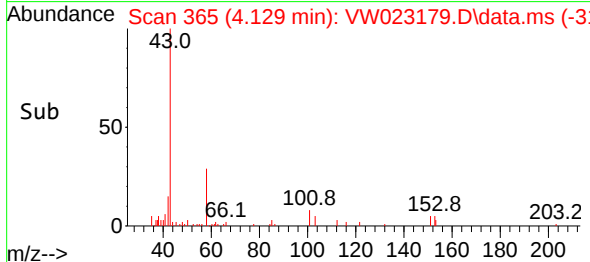
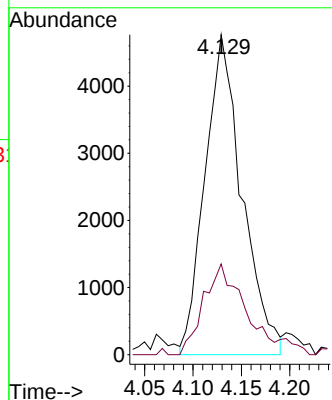
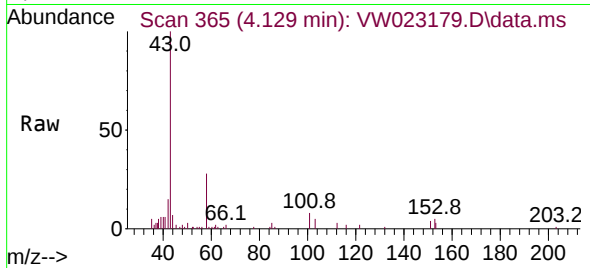




#13
Acetone
Concen: 50.141 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

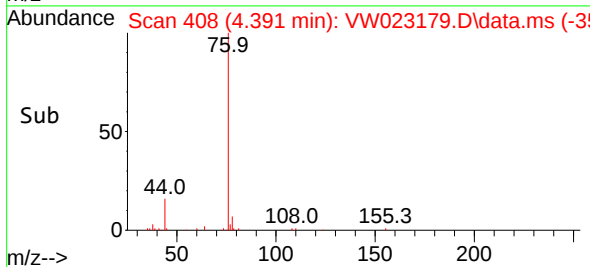
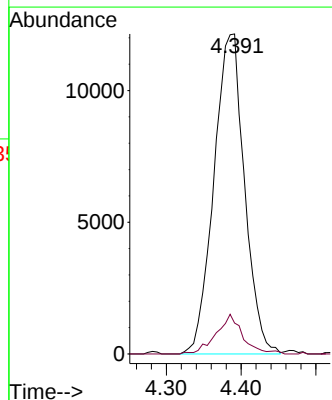
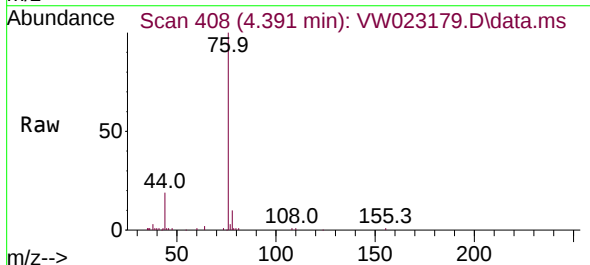
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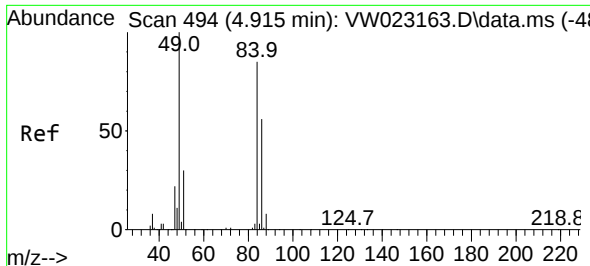
Tgt Ion: 43 Resp: 12694
Ion Ratio Lower Upper
43 100
58 21.1 0.0 64.0



#14
Carbon disulfide
Concen: 11.395 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 34683
Ion Ratio Lower Upper
76 100
78 10.3 7.7 11.5

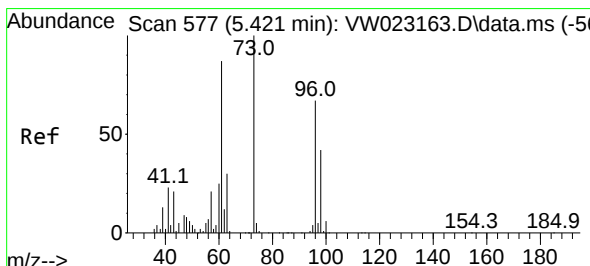
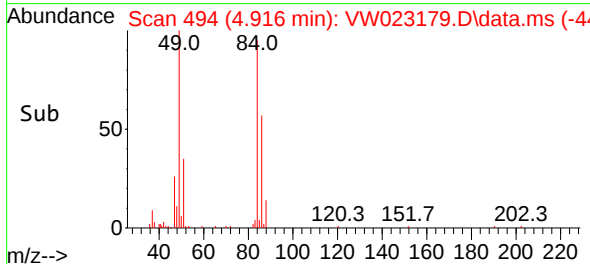
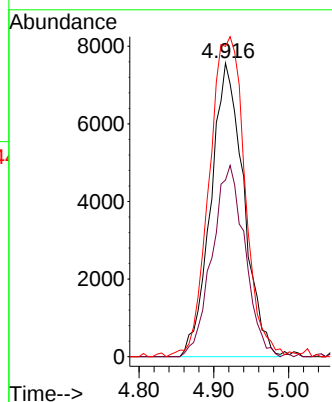
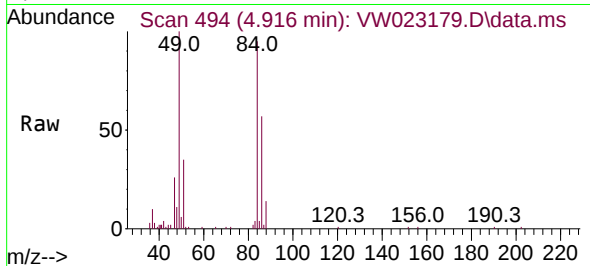




#16
Methylene chloride
Concen: 18.212 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

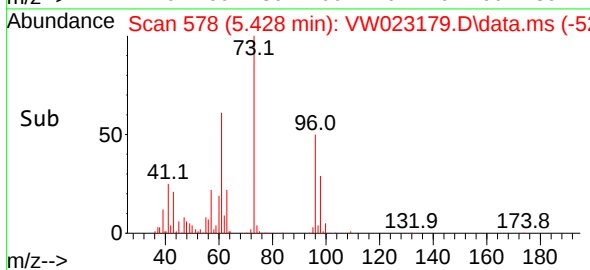
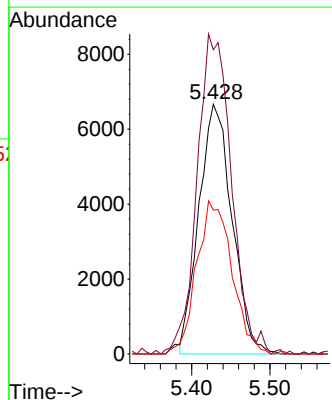
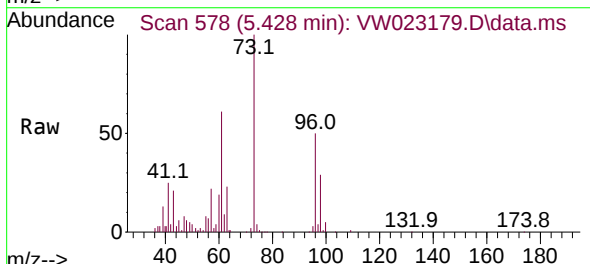
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

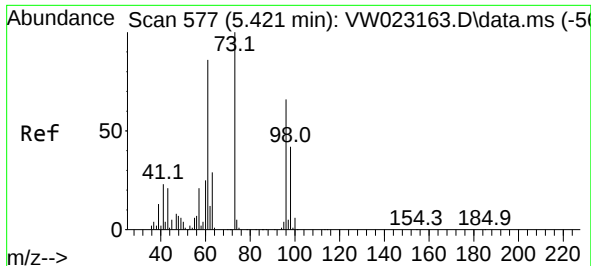
Tgt Ion: 84 Resp: 23100
Ion Ratio Lower Upper
84 100
86 60.2 45.4 84.4
49 105.7 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 15.705 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 96 Resp: 19622
Ion Ratio Lower Upper
96 100
61 121.9 92.2 171.2
98 57.7 42.9 79.7

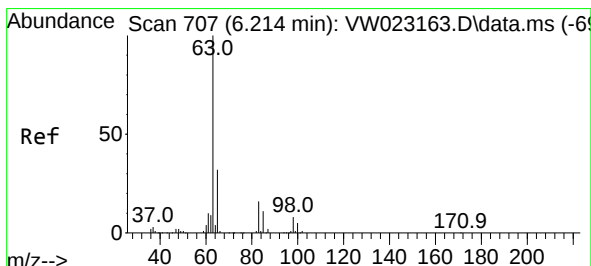
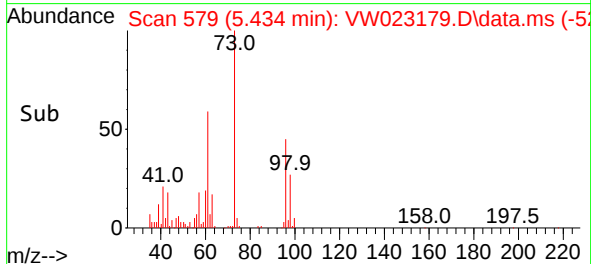
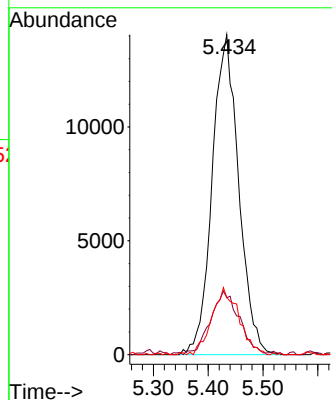
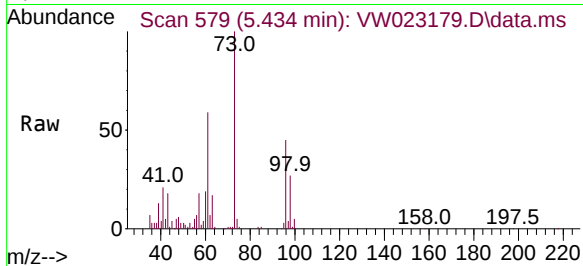




#18
Methyl tert-butyl Ether
Concen: 24.735 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

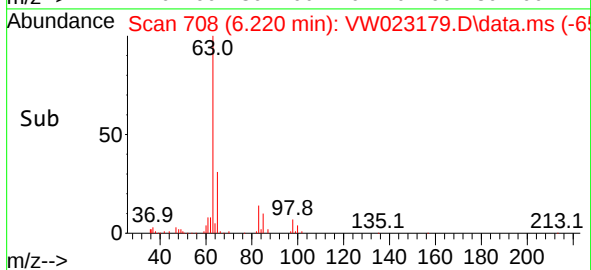
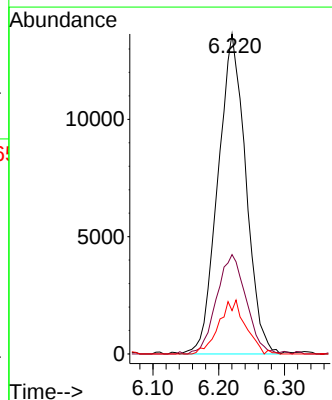
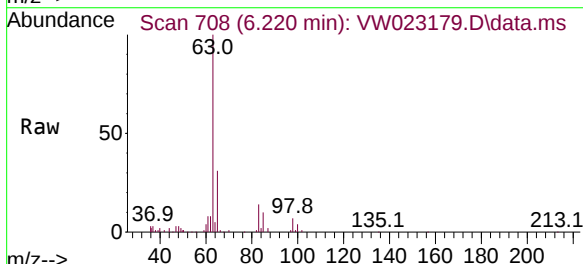
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

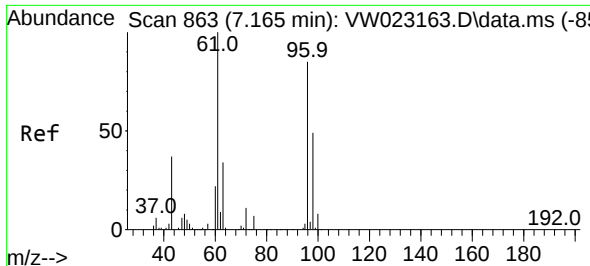
Tgt Ion: 73 Resp: 47176
Ion Ratio Lower Upper
73 100
43 21.3 15.9 23.9
57 15.8 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 18.972 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 63 Resp: 40173
Ion Ratio Lower Upper
63 100
65 31.1 23.3 43.3
83 13.6 11.1 20.5

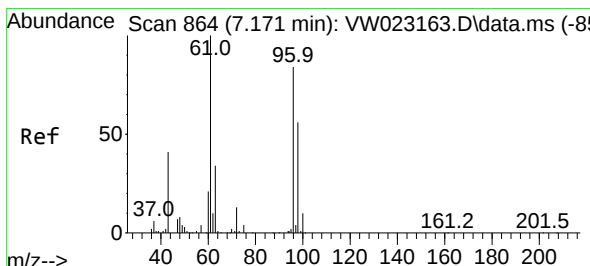
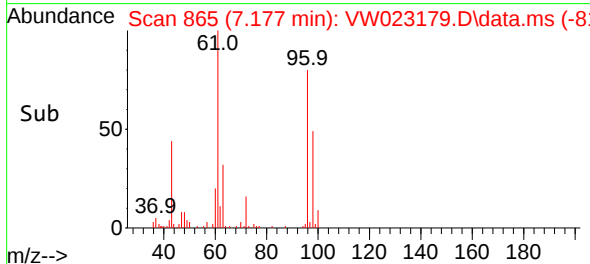
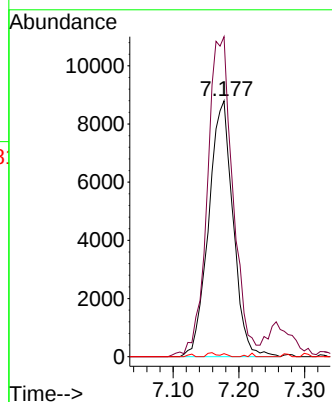
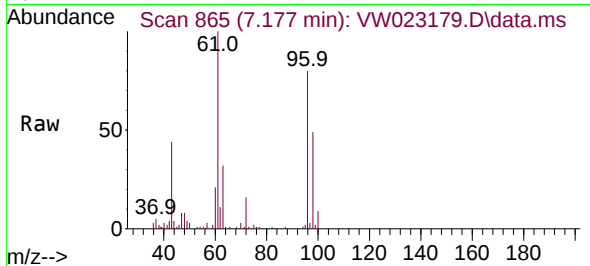




#20
cis-1,2-Dichloroethene
Concen: 16.932 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

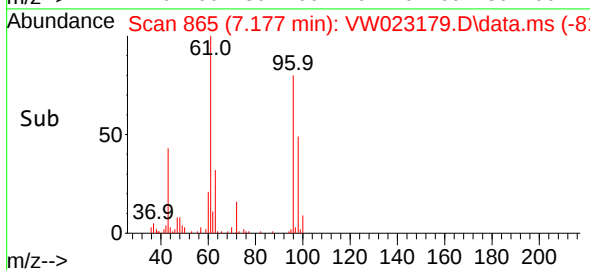
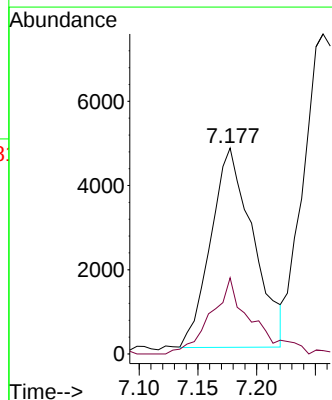
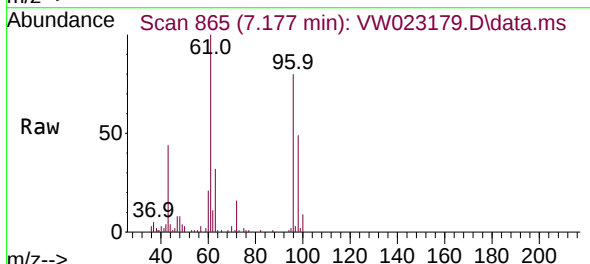
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

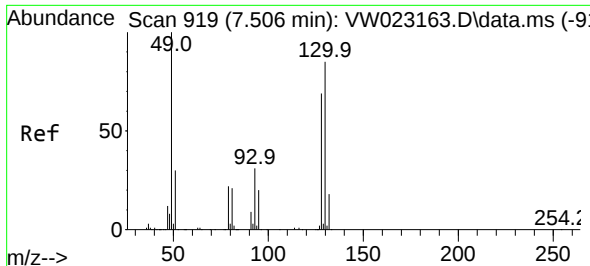
Tgt Ion: 96 Resp: 22722
Ion Ratio Lower Upper
96 100
61 125.1 84.2 156.4
68 1.2 0.1 0.1#



#22
2-Butanone
Concen: 33.639 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 43 Resp: 11910
Ion Ratio Lower Upper
43 100
72 33.1 15.1 45.3

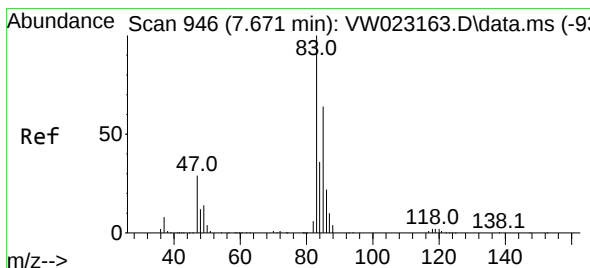
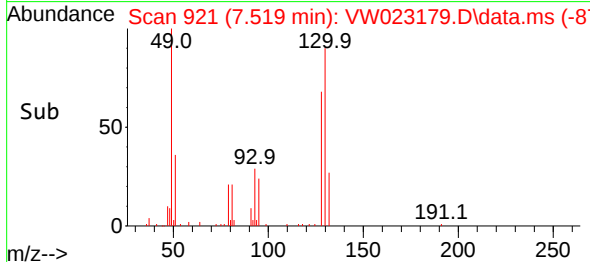
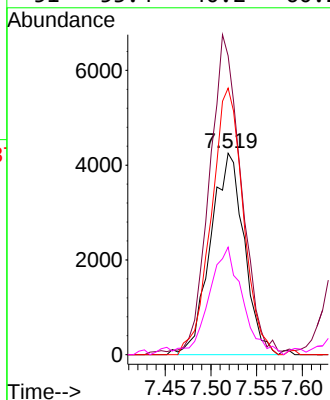
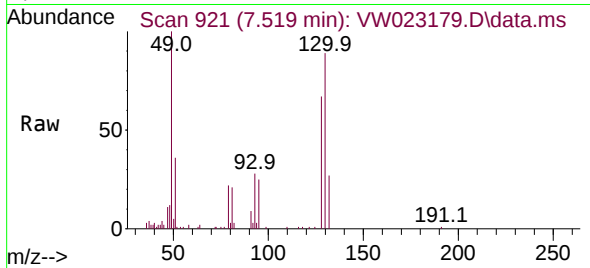




#23
Bromochloromethane
Concen: 17.205 ug/L
RT: 7.519 min Scan# 919
Delta R.T. 0.012 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

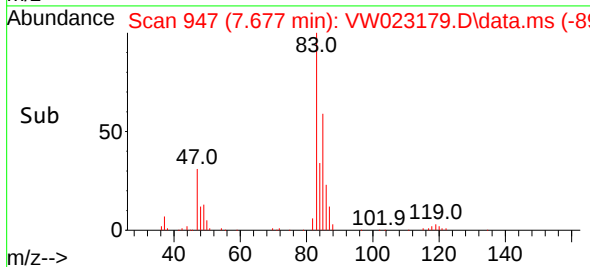
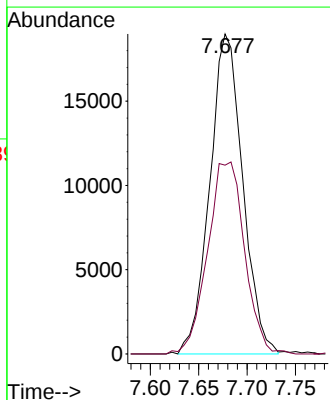
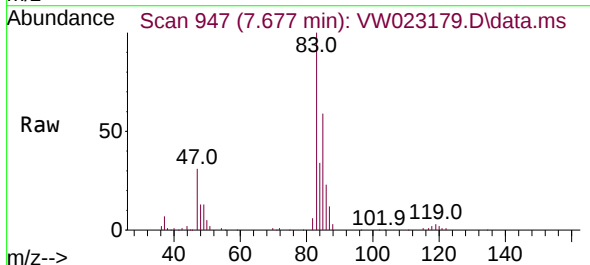
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

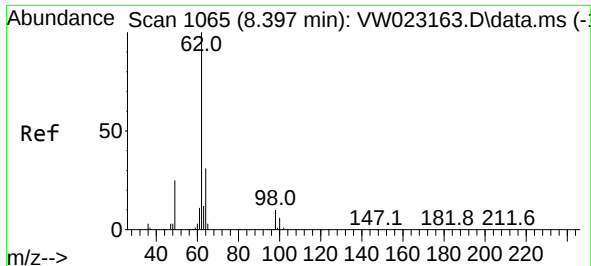
Tgt Ion:	128	Resp:	10813
Ion Ratio	Lower	Upper	
128	100		
49	148.4	110.0	204.4
130	132.4	94.8	176.0
51	53.4	40.2	60.2



#25
Chloroform
Concen: 19.215 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:	83	Resp:	44991
Ion Ratio	Lower	Upper	
83	100		
85	59.0	46.6	86.6





#27

1,2-Dichloroethane

Concen: 18.120 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

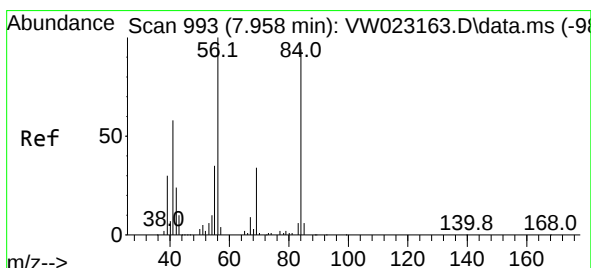
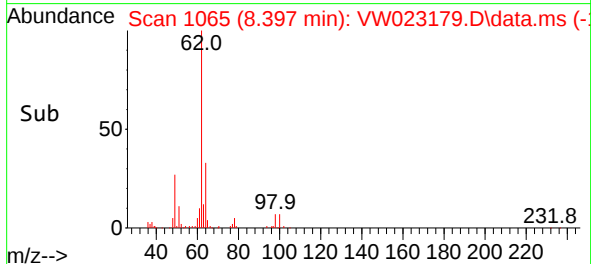
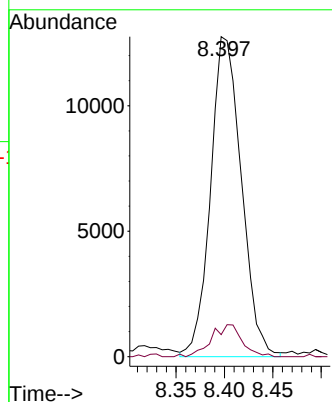
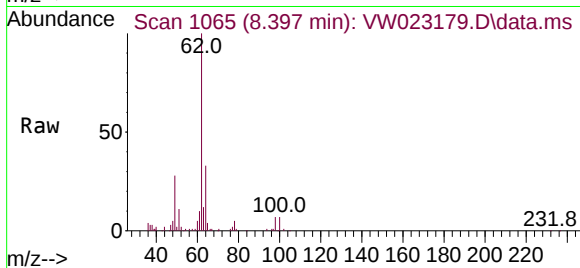
EXY11MS

Tgt Ion: 62 Resp: 28282

Ion Ratio Lower Upper

62 100

98 6.9 7.2 10.8#



#29

Cyclohexane

Concen: 15.941 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

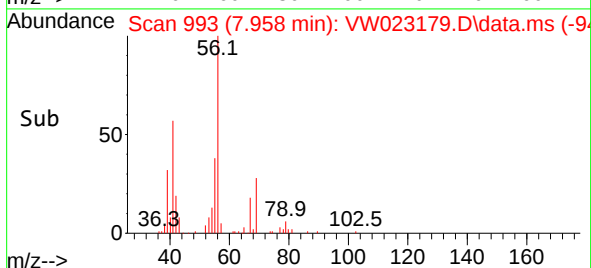
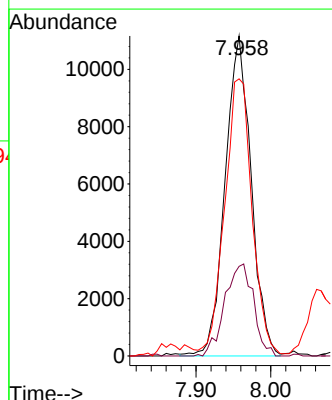
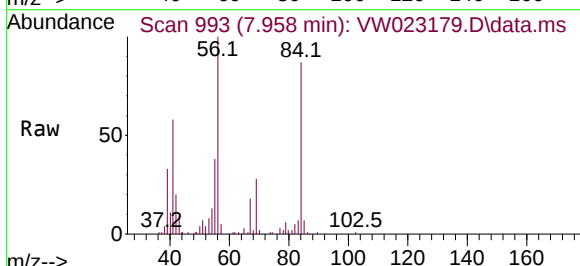
Tgt Ion: 56 Resp: 27049

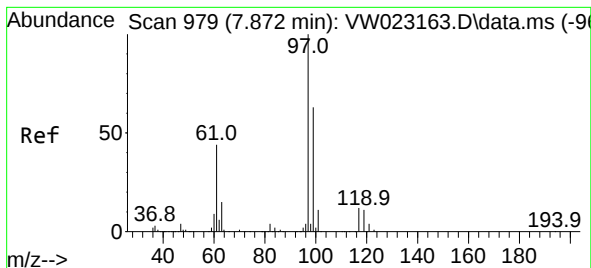
Ion Ratio Lower Upper

56 100

69 31.6 25.6 38.4

84 91.4 78.2 117.4





#30

1,1,1-Trichloroethane

Concen: 21.611 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

EXY11MS

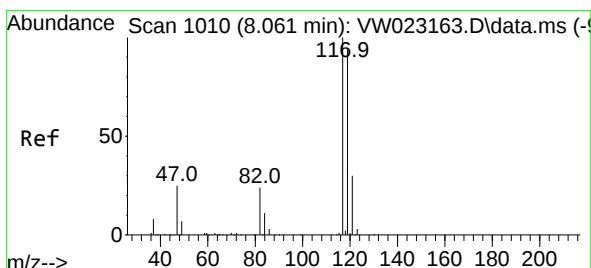
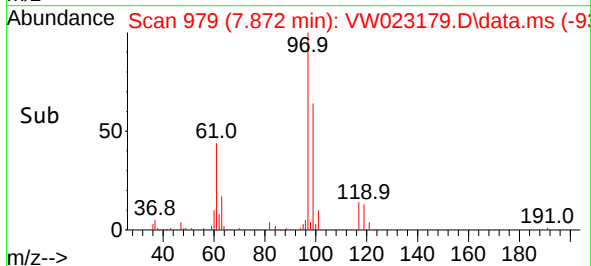
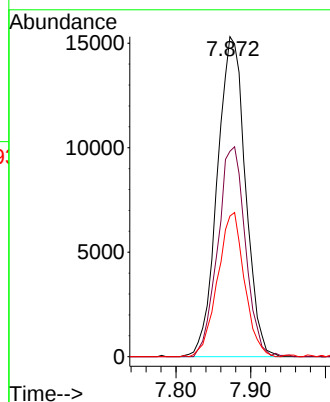
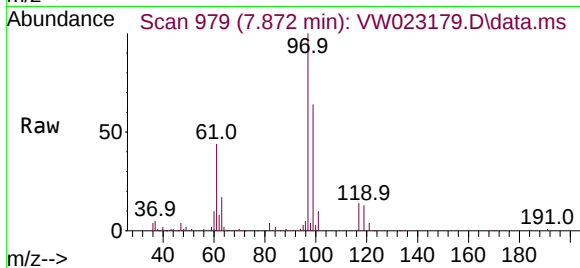
Tgt Ion: 97 Resp: 40069

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 43.0 34.8 52.2



#31

Carbon tetrachloride

Concen: 19.861 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW023179.D

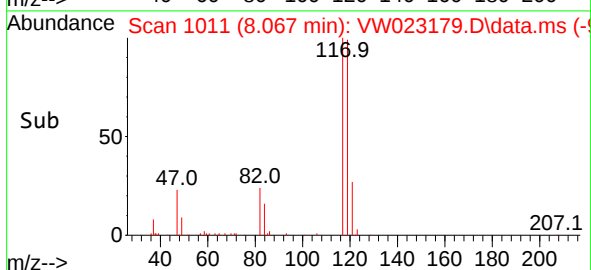
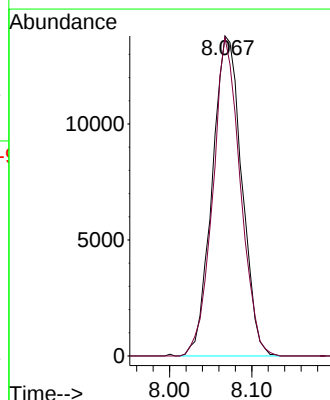
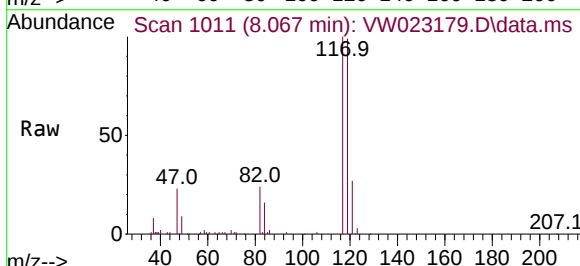
Acq: 19 May 2022 17:45

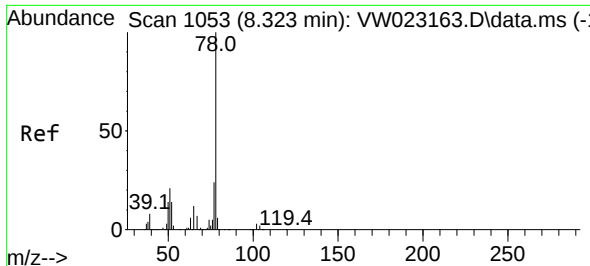
Tgt Ion: 117 Resp: 34447

Ion Ratio Lower Upper

117 100

119 92.7 76.6 115.0

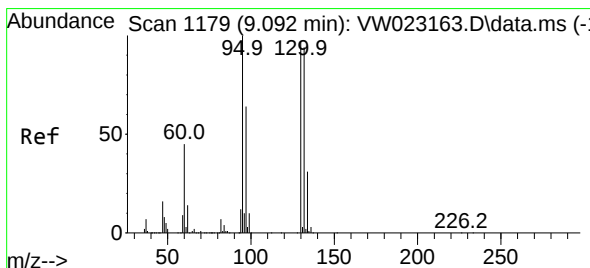
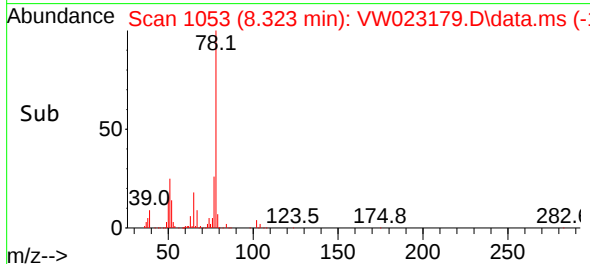
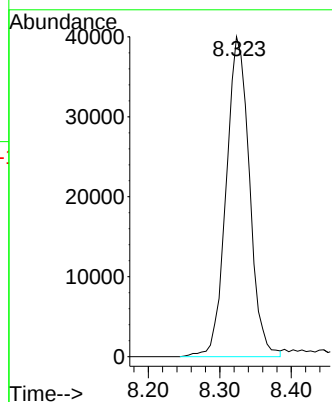
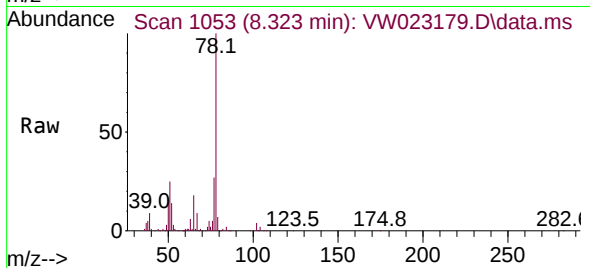




#33
Benzene
Concen: 19.569 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

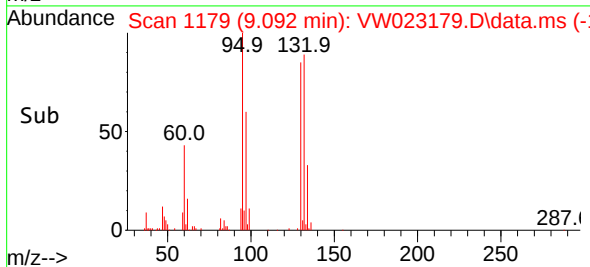
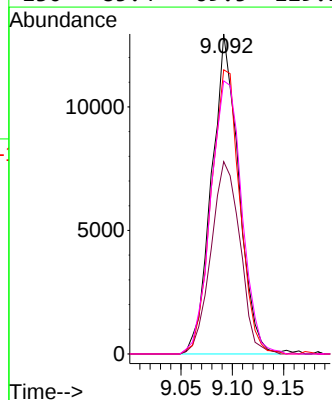
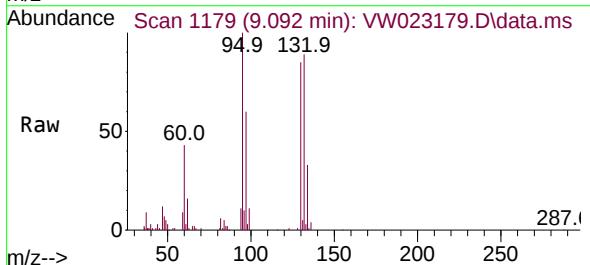
Tgt Ion: 78 Resp: 90449

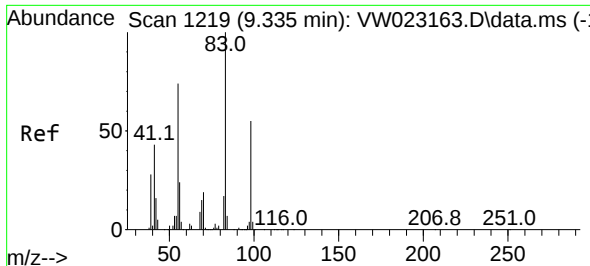


#34
Trichloroethene
Concen: 18.655 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 95 Resp: 23713

Ion	Ratio	Lower	Upper
95	100		
97	60.1	46.1	85.7
132	88.8	66.9	124.3
130	85.4	69.5	129.1

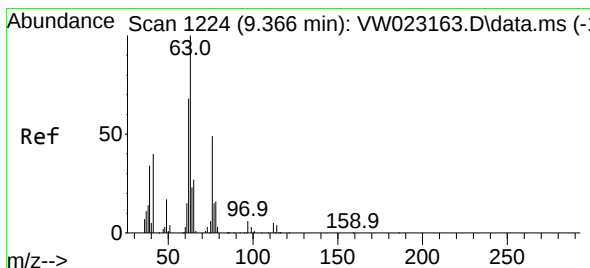
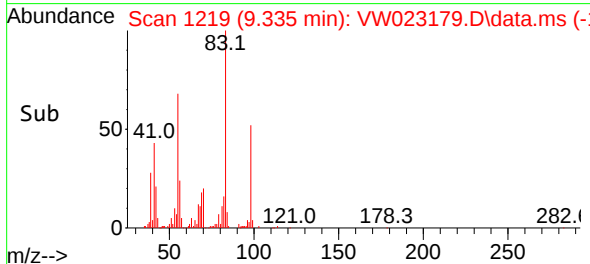
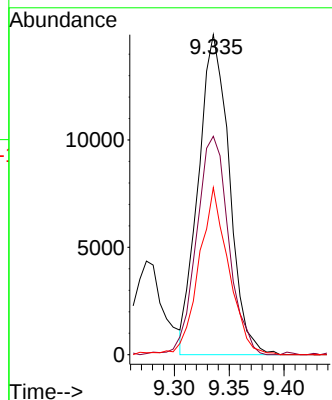
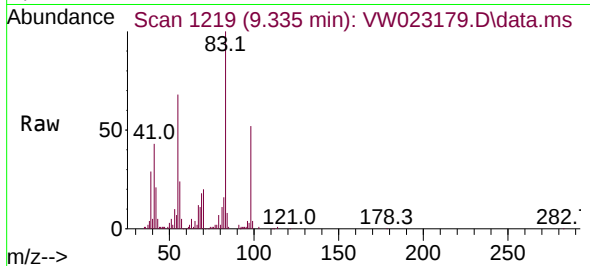




#35
Methylcyclohexane
Concen: 14.022 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

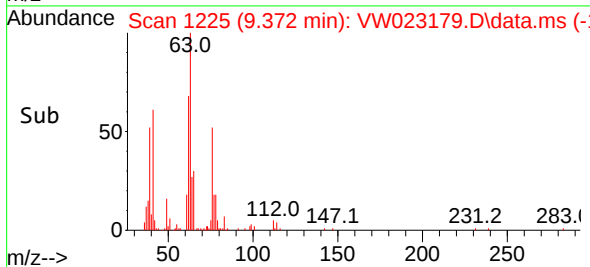
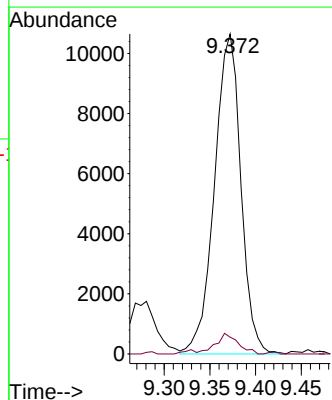
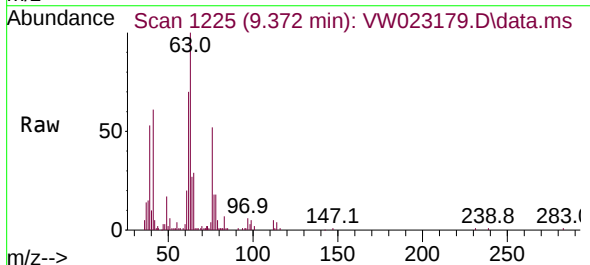
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

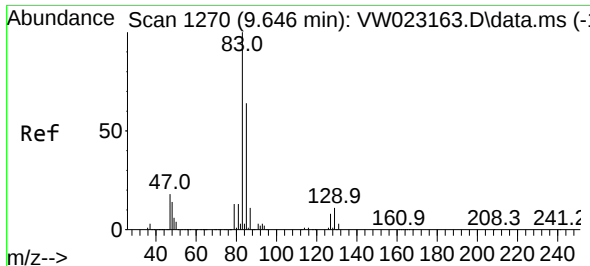
Tgt Ion:	83	Resp:	29280
Ion	Ratio	Lower	Upper
83	100		
55	70.7	55.1	82.7
98	49.5	40.4	60.6



#37
1,2-Dichloropropane
Concen: 19.113 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:	63	Resp:	21378
Ion	Ratio	Lower	Upper
63	100		
112	5.4	3.8	5.8

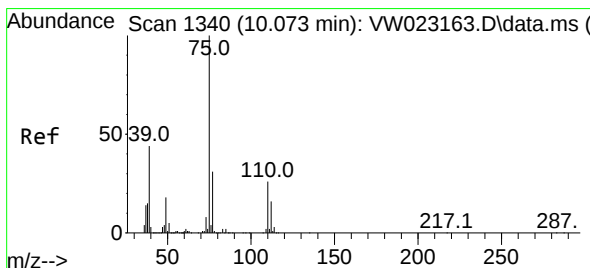
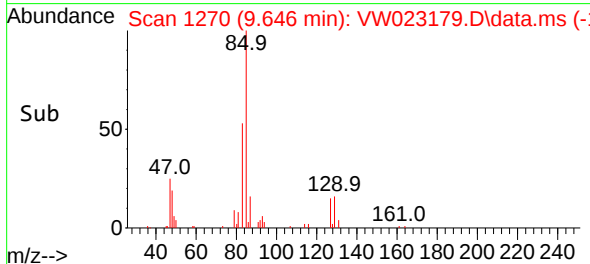
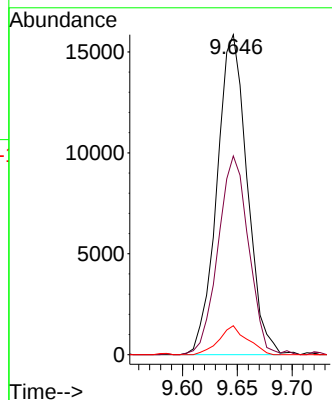
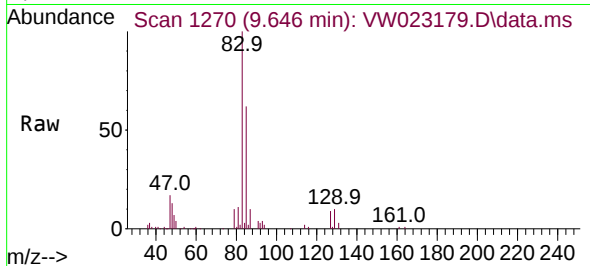




#38
Bromodichloromethane
Concen: 19.148 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

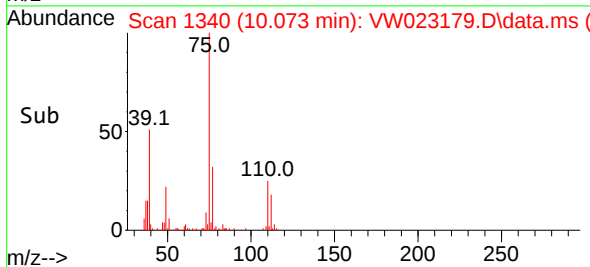
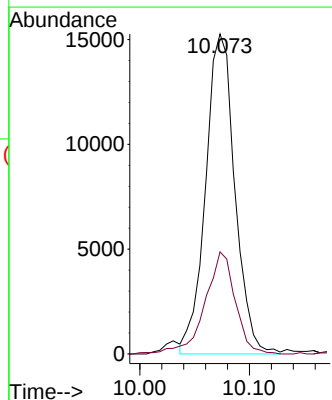
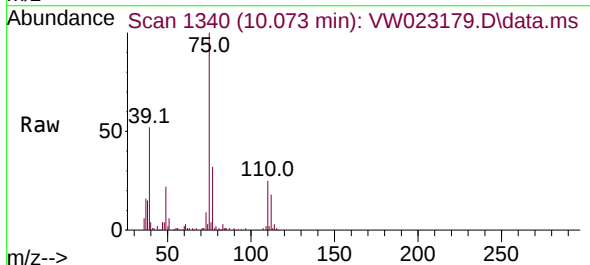
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

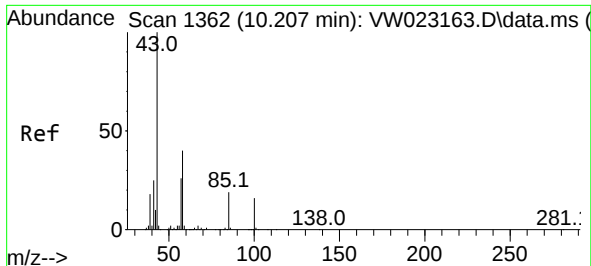
Tgt Ion: 83 Resp: 30421
Ion Ratio Lower Upper
83 100
85 62.1 43.5 80.7
127 9.0 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 16.338 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 75 Resp: 28336
Ion Ratio Lower Upper
75 100
77 31.9 22.1 41.1

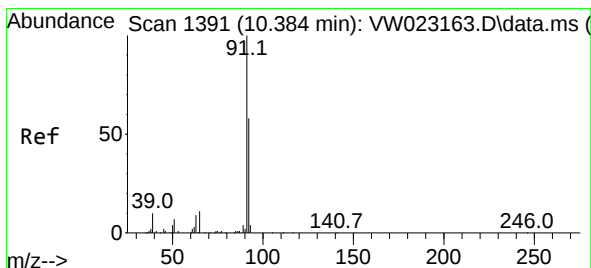
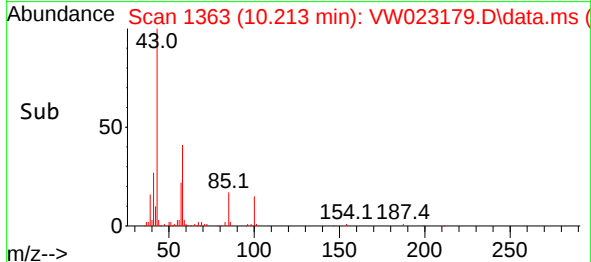
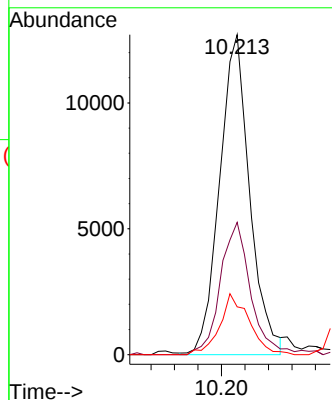
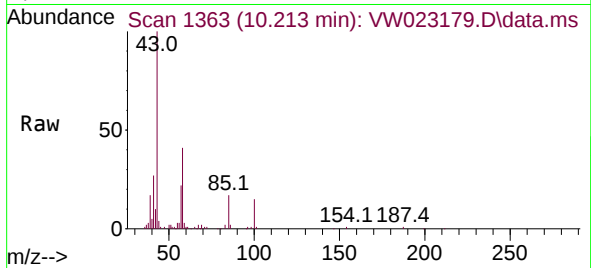




#40
4-Methyl-2-pentanone
Concen: 32.109 ug/L
RT: 10.213 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

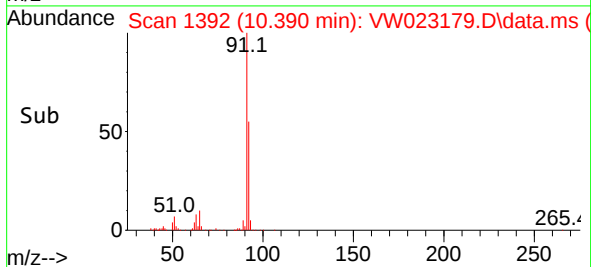
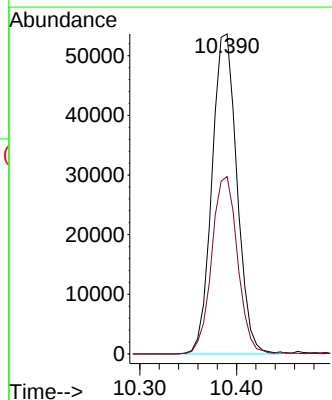
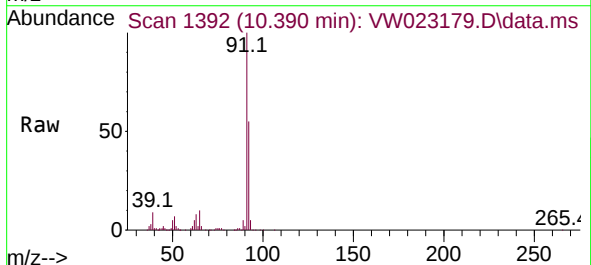
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

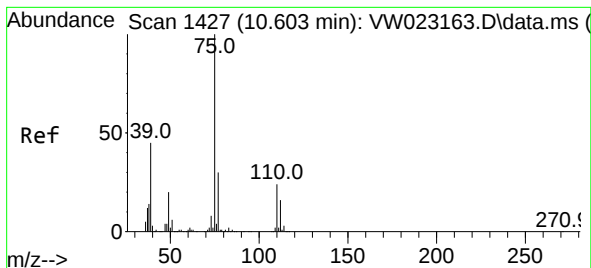
Tgt Ion: 43 Resp: 22637
Ion Ratio Lower Upper
43 100
58 41.3 31.4 47.2
100 18.7 14.2 21.4



#42
Toluene
Concen: 18.589 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 91 Resp: 96287
Ion Ratio Lower Upper
91 100
92 55.5 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 15.809 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

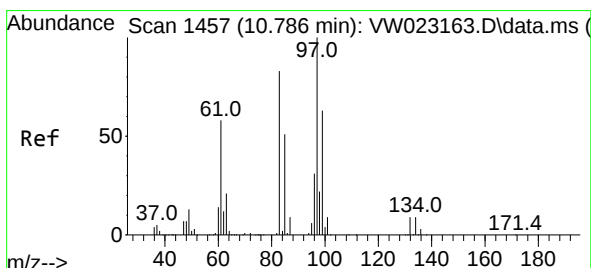
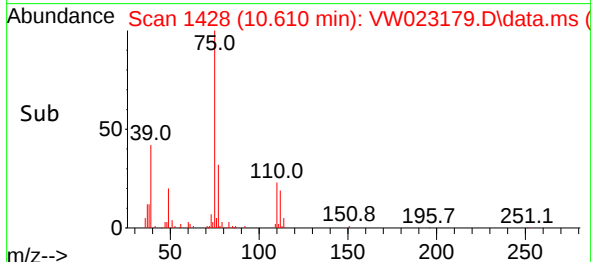
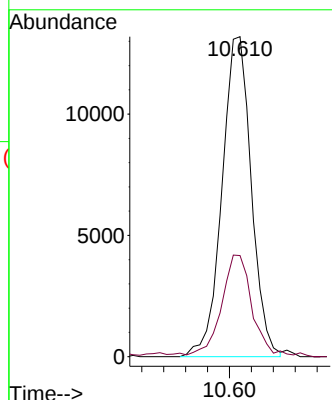
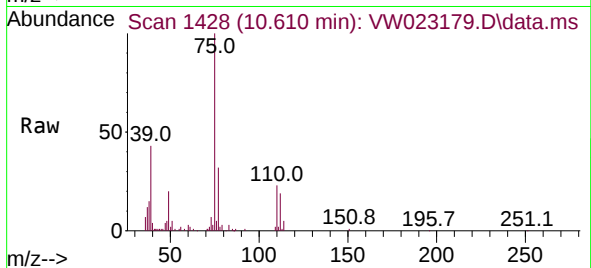
EXY11MS

Tgt Ion: 75 Resp: 24472

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 20.337 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

Tgt Ion: 97 Resp: 19016

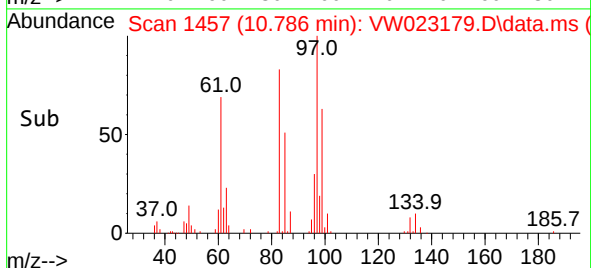
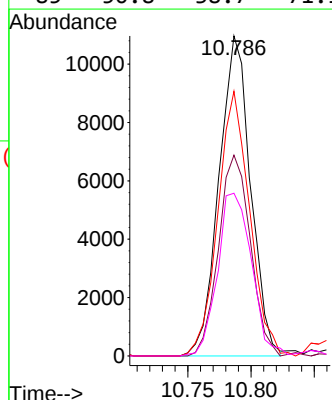
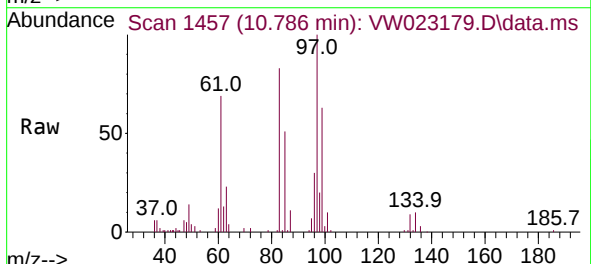
Ion Ratio Lower Upper

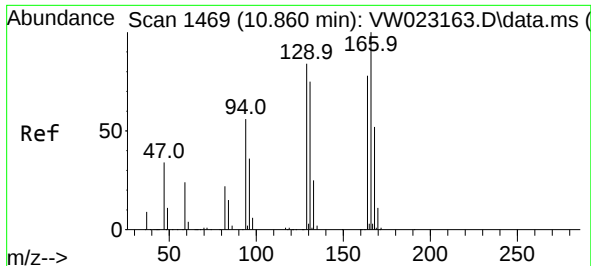
97 100

99 62.8 44.7 82.9

83 82.7 58.4 108.4

85 50.8 38.7 71.9

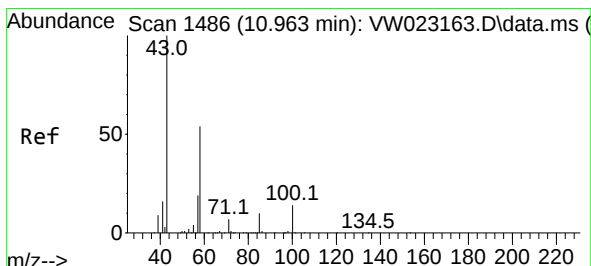
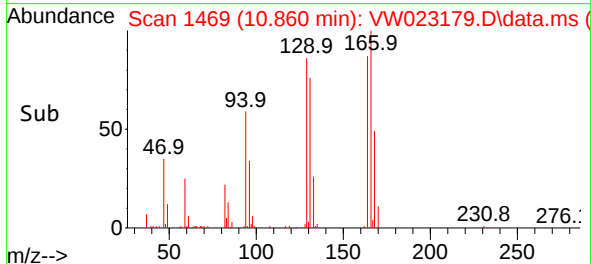
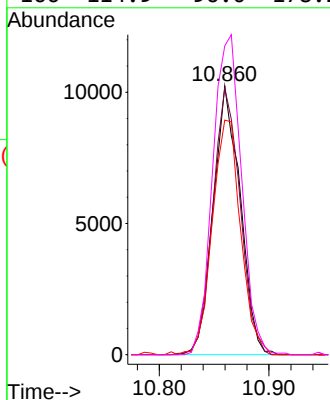
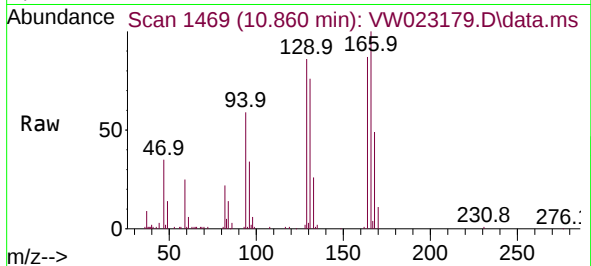




#46
Tetrachloroethene
Concen: 18.348 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

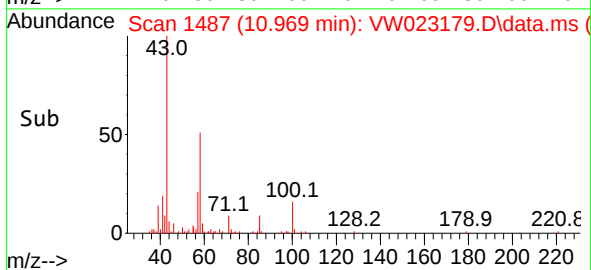
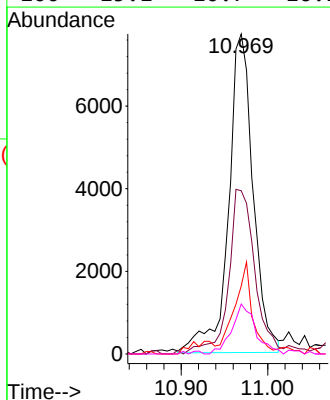
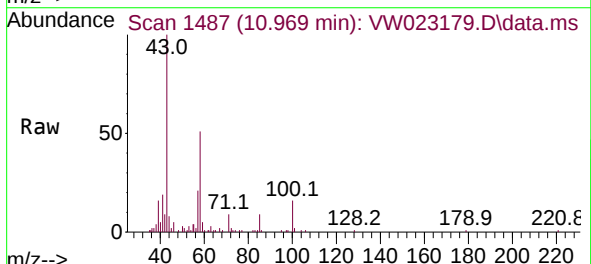
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

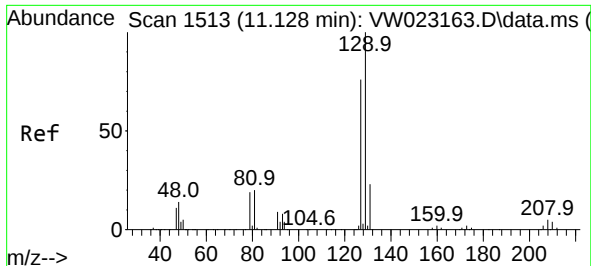
Tgt Ion:	164	Resp:	17527
Ion	Ratio	Lower	Upper
164	100		
129	99.2	76.9	142.7
131	87.3	75.1	139.5
166	114.9	96.0	178.2



#48
2-Hexanone
Concen: 32.402 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:	43	Resp:	15263
Ion	Ratio	Lower	Upper
43	100		
58	54.9	45.9	68.9
57	21.0	16.2	24.2
100	15.1	10.7	16.1

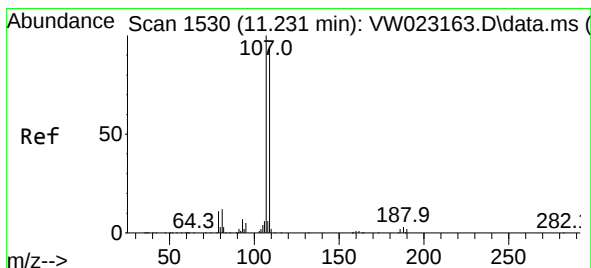
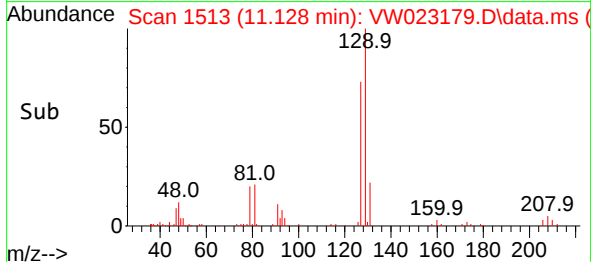
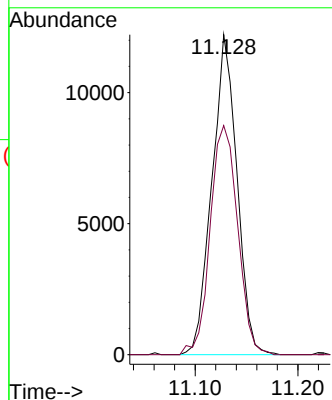
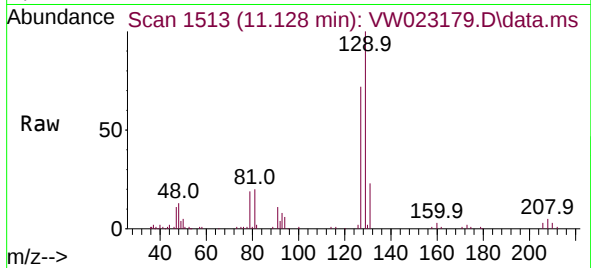




#49
Dibromochloromethane
Concen: 18.338 ug/L
RT: 11.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

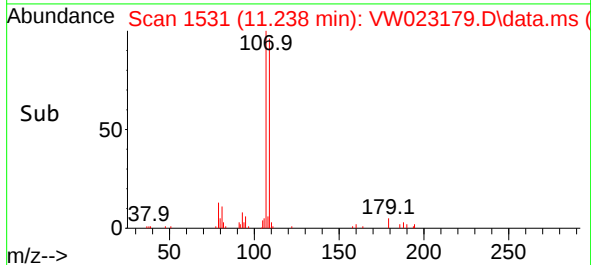
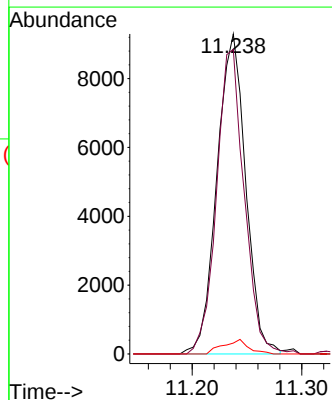
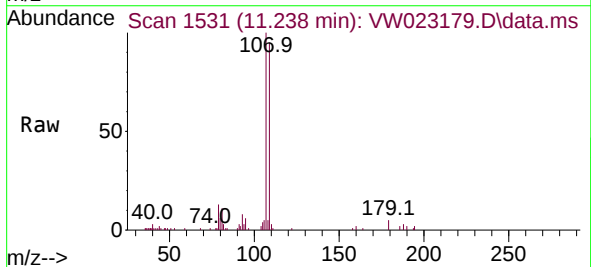
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

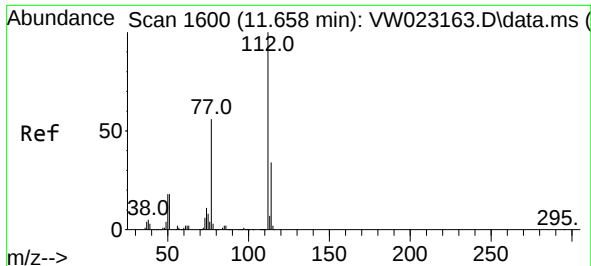
Tgt Ion:129 Resp: 20637
Ion Ratio Lower Upper
129 100
127 71.6 53.8 100.0



#50
1,2-Dibromoethane
Concen: 18.035 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:107 Resp: 16933
Ion Ratio Lower Upper
107 100
109 95.1 67.5 125.4
188 3.4 2.9 4.3

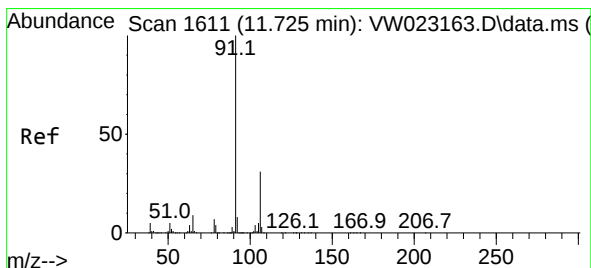
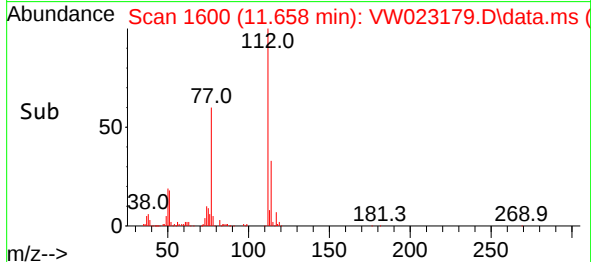
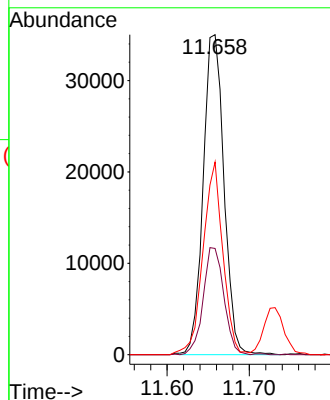
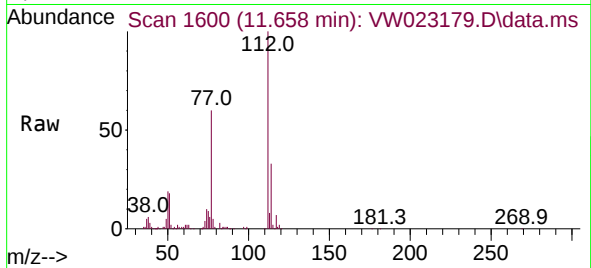




#51
Chlorobenzene
Concen: 18.024 ug/L
RT: 11.658 min Scan# 11600
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

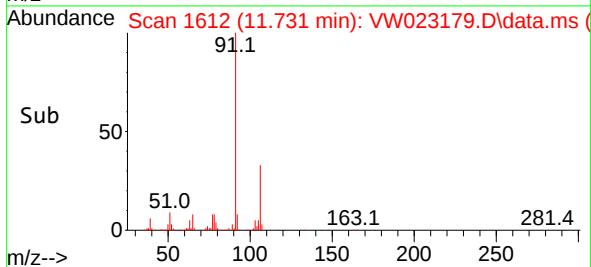
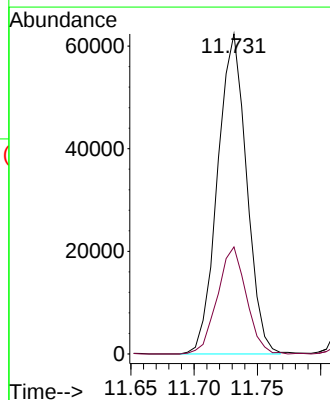
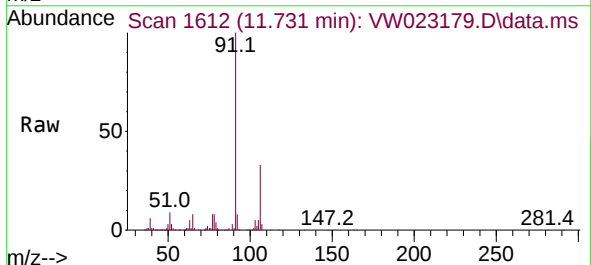
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

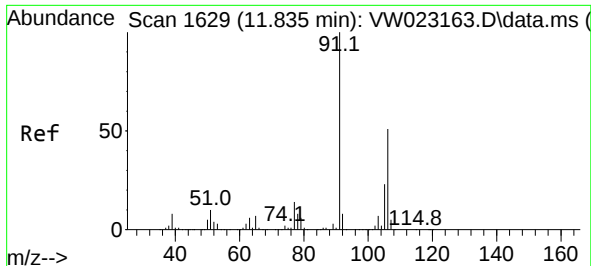
Tgt Ion:112 Resp: 61550
Ion Ratio Lower Upper
112 100
114 33.2 22.0 41.0
77 60.2 42.6 63.8



#52
Ethylbenzene
Concen: 17.245 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 91 Resp: 99381
Ion Ratio Lower Upper
91 100
106 33.4 22.3 41.3

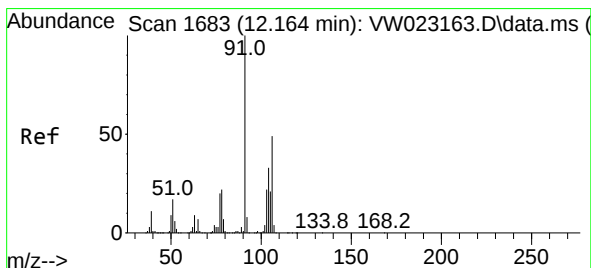
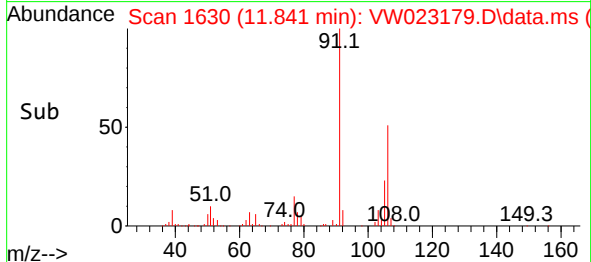
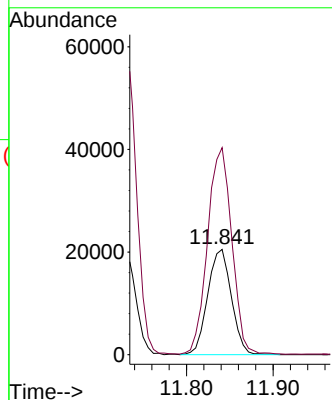
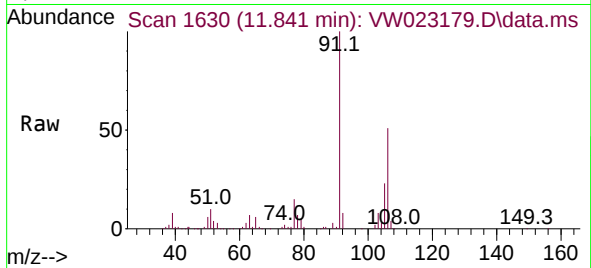




#53
m,p-Xylene
Concen: 17.163 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

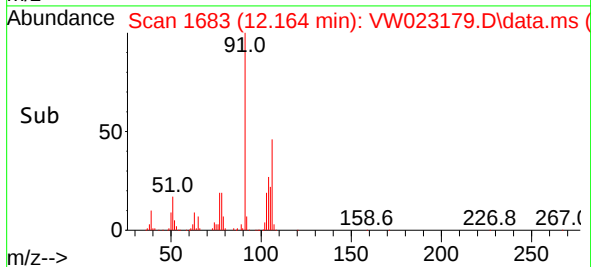
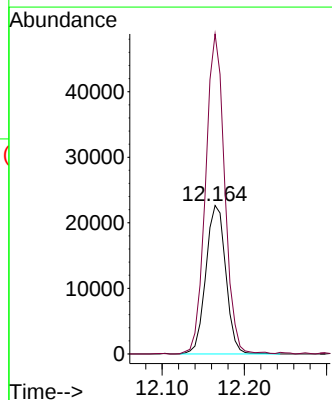
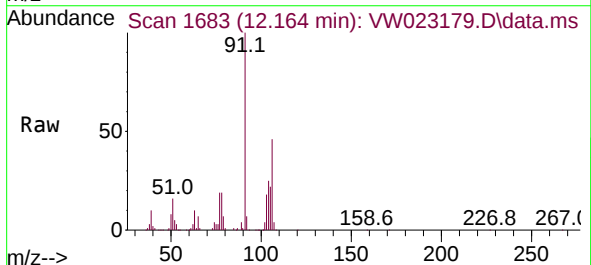
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

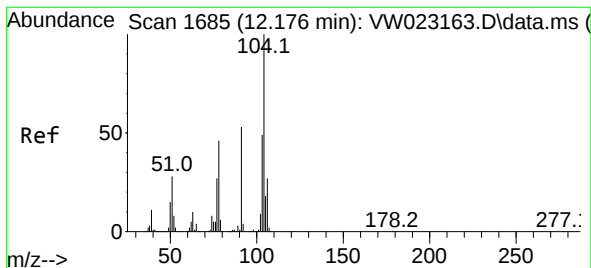
Tgt Ion:106 Resp: 38971
Ion Ratio Lower Upper
106 100
91 196.6 136.8 254.0



#54
o-Xylene
Concen: 17.531 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:106 Resp: 38200
Ion Ratio Lower Upper
106 100
91 215.6 147.2 273.4





#55

Styrene

Concen: 16.845 ug/L

RT: 12.183 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

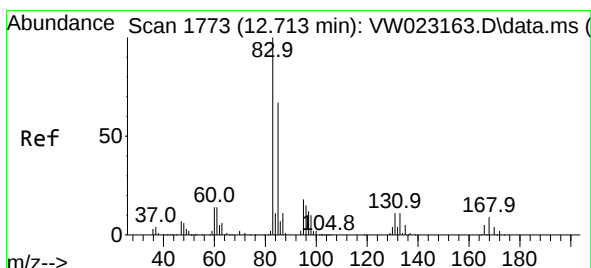
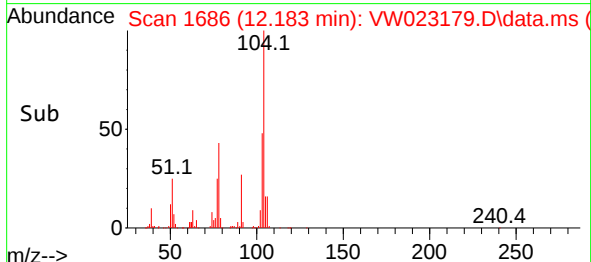
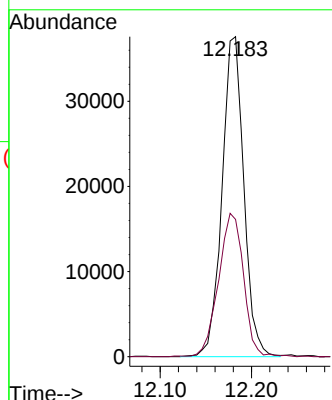
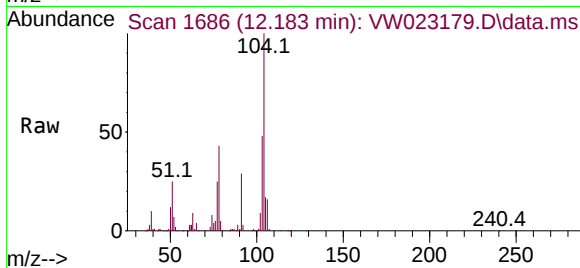
EXY11MS

Tgt Ion:104 Resp: 62370

Ion Ratio Lower Upper

104 100

78 42.9 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 18.685 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

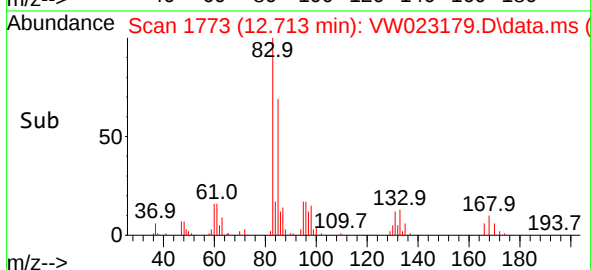
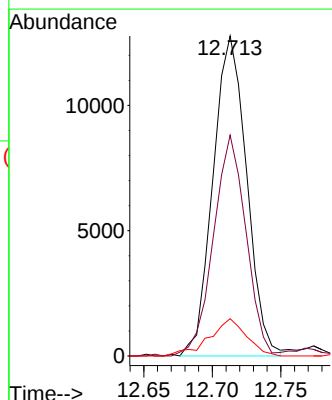
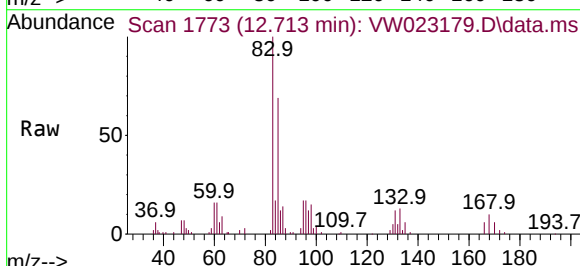
Tgt Ion: 83 Resp: 21822

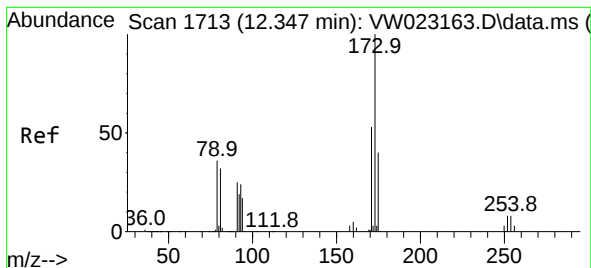
Ion Ratio Lower Upper

83 100

85 69.0 47.5 88.1

131 11.6 8.7 13.1





#59

Bromoform

Concen: 18.414 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

EXY11MS

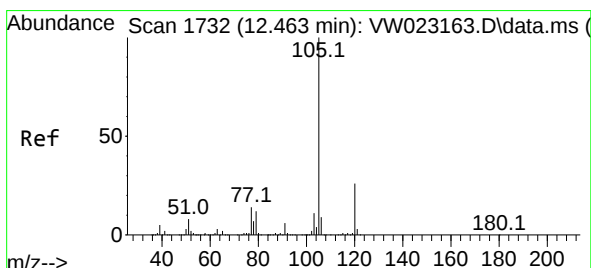
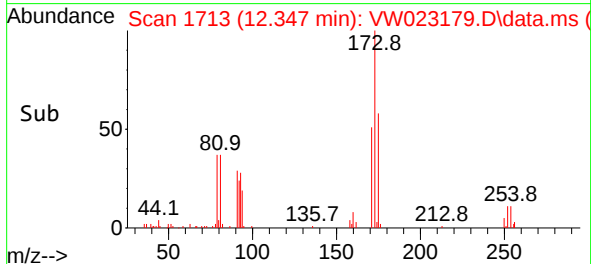
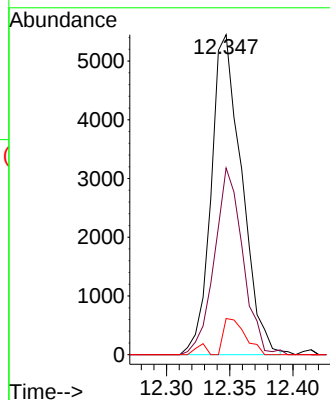
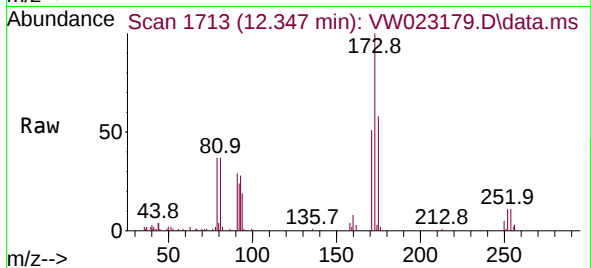
Tgt Ion:173 Resp: 9163

Ion Ratio Lower Upper

173 100

175 53.9 38.1 57.1

254 8.0 6.5 9.7



#60

Isopropylbenzene

Concen: 21.558 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023179.D

Acq: 19 May 2022 17:45

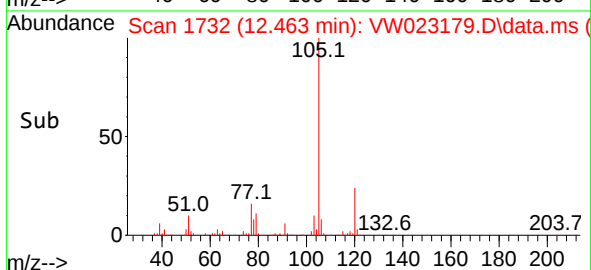
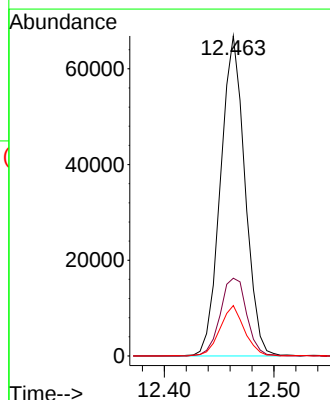
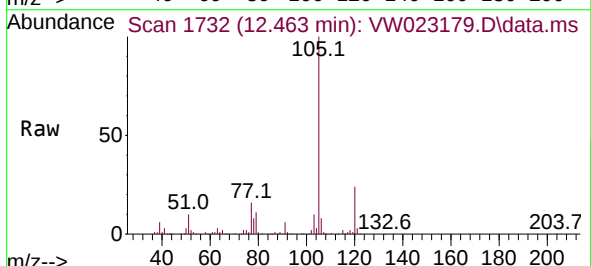
Tgt Ion:105 Resp: 103698

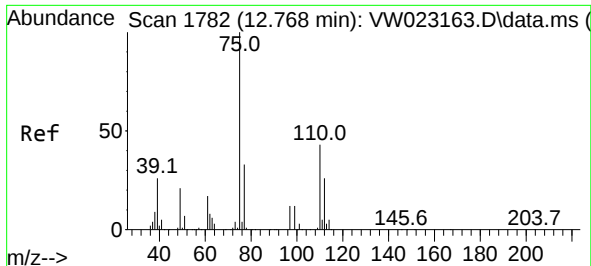
Ion Ratio Lower Upper

105 100

120 26.3 21.3 31.9

77 15.7 12.6 19.0

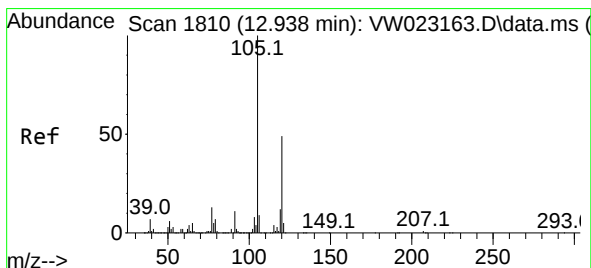
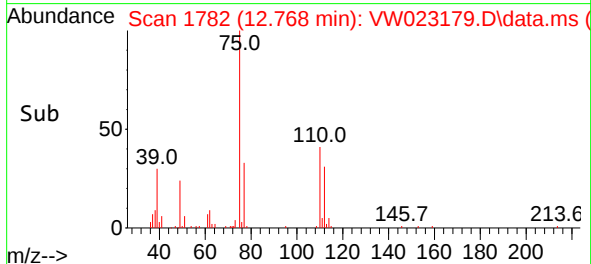
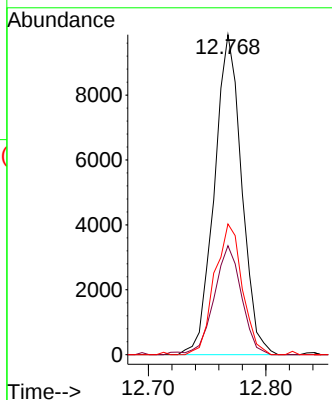
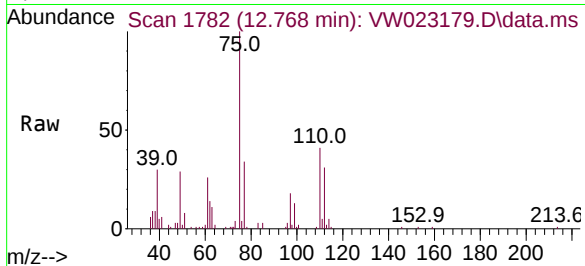




#61
1,2,3-Trichloropropane
Concen: 22.722 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

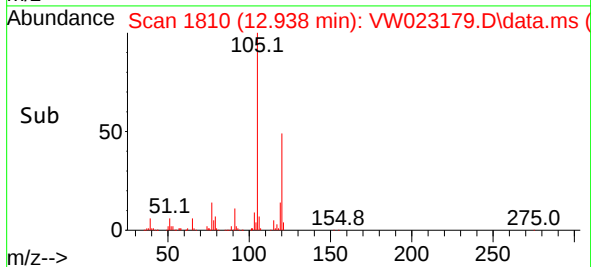
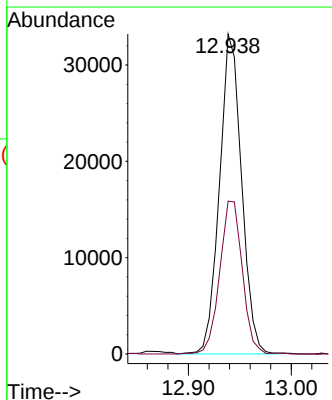
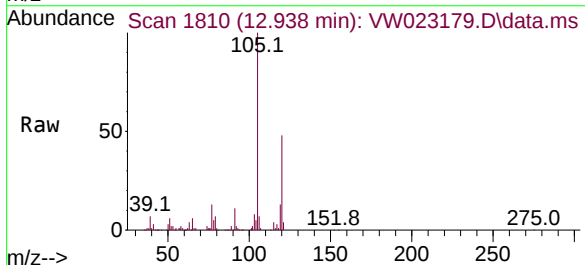
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

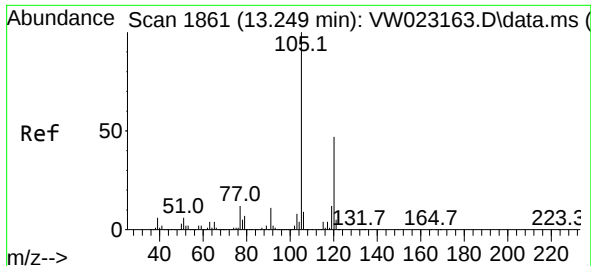
Tgt Ion: 75 Resp: 15941
Ion Ratio Lower Upper
75 100
77 33.8 26.2 39.2
110 41.4 34.1 51.1



#62
1,3,5-Trimethylbenzene
Concen: 18.522 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion: 105 Resp: 49567
Ion Ratio Lower Upper
105 100
120 48.8 38.9 58.3

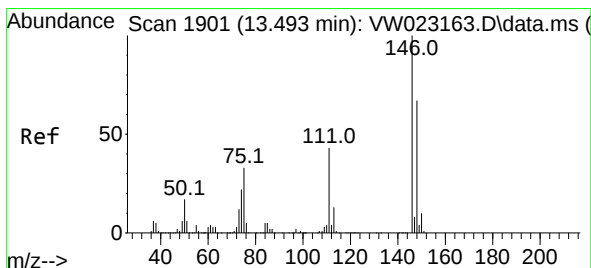
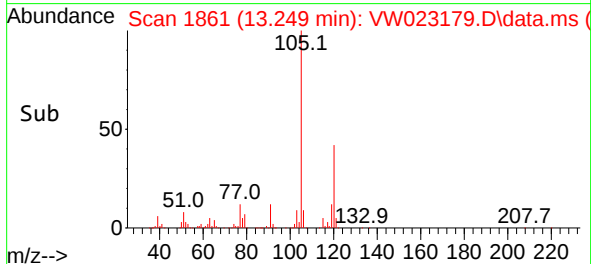
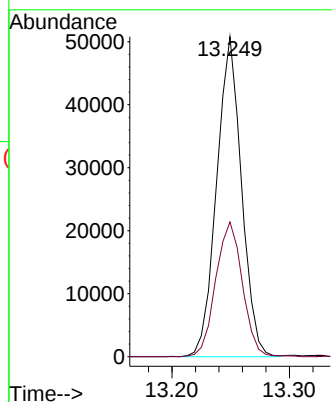
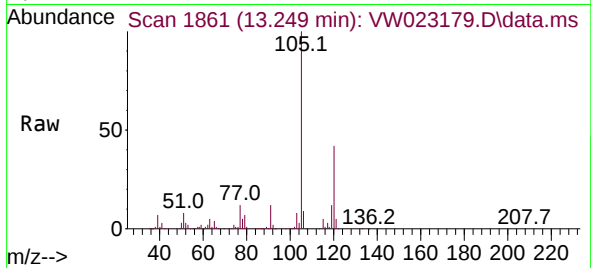




#63
1,2,4-Trimethylbenzene
Concen: 18.548 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

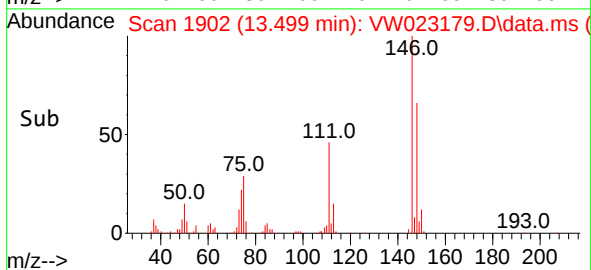
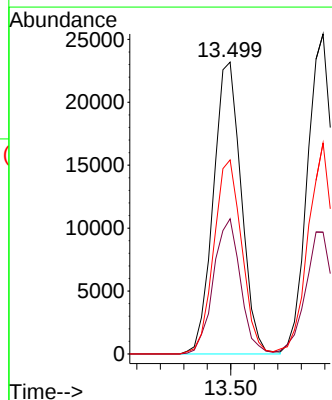
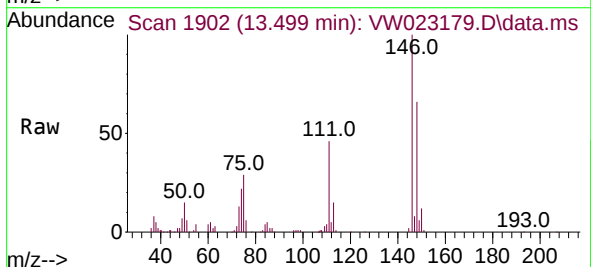
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

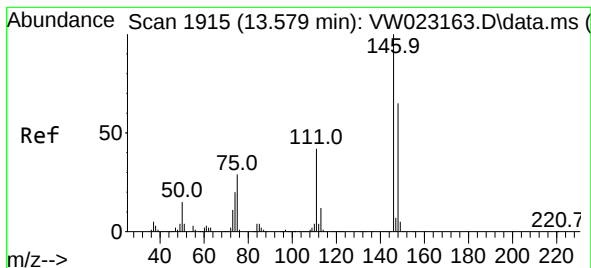
Tgt Ion:105 Resp: 74530
Ion Ratio Lower Upper
105 100
120 45.0 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 17.818 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:146 Resp: 38266
Ion Ratio Lower Upper
146 100
111 46.3 29.5 54.9
148 66.5 48.6 90.2

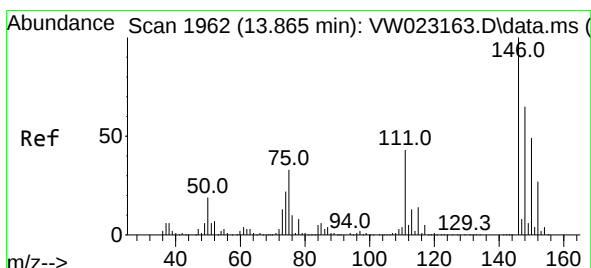
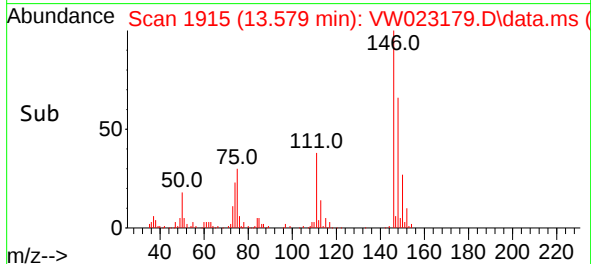
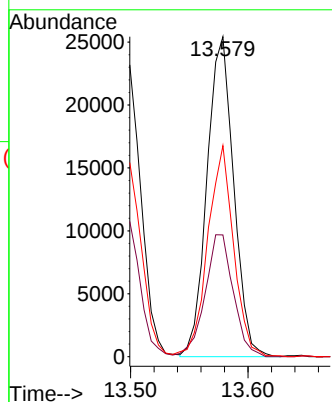
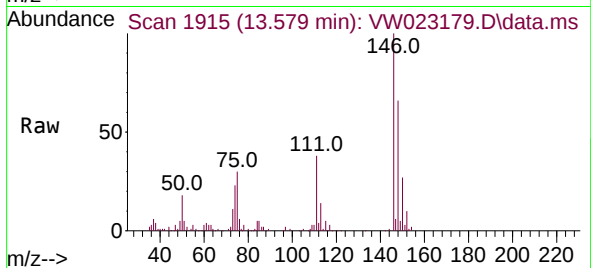




#65
1,4-Dichlorobenzene
Concen: 18.121 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

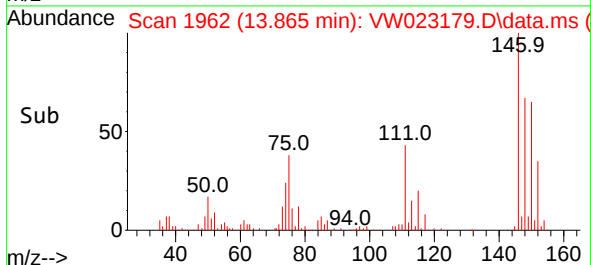
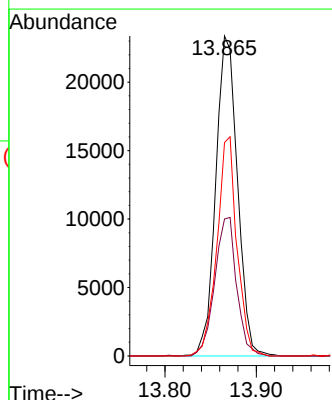
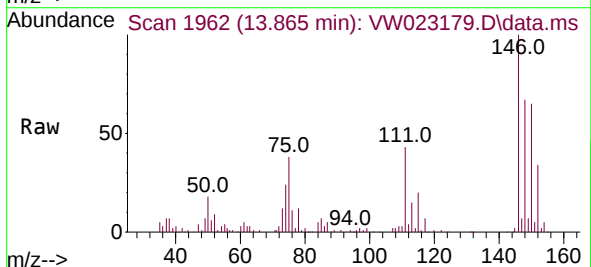
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

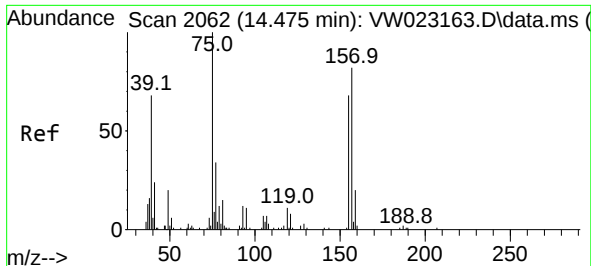
Tgt Ion:146 Resp: 40198
Ion Ratio Lower Upper
146 100
111 38.1 27.2 50.4
148 66.0 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 19.661 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:146 Resp: 38638
Ion Ratio Lower Upper
146 100
111 42.8 35.7 53.5
148 66.7 52.6 79.0

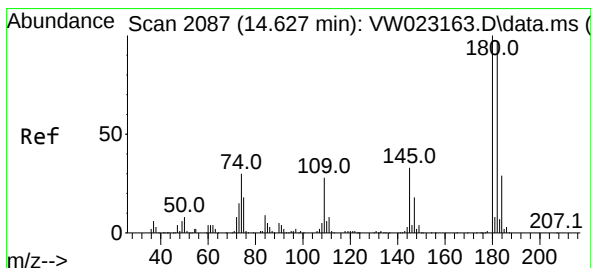
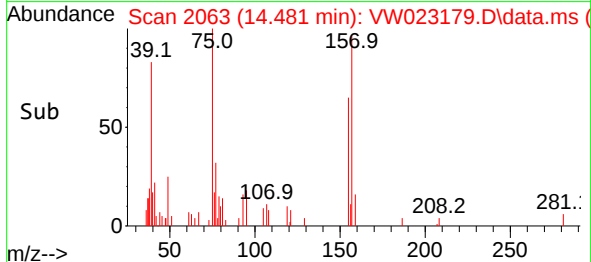
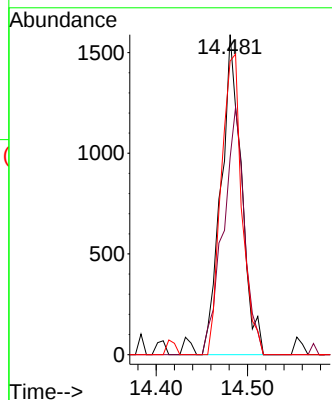
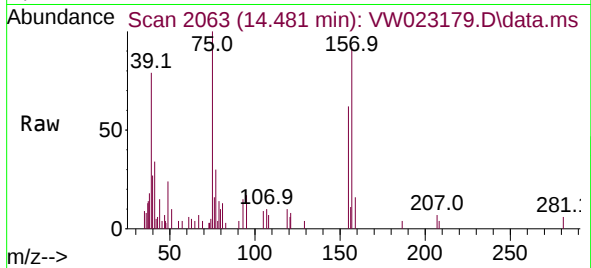




#68
1,2-Dibromo-3-chloropropane
Concen: 16.416 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

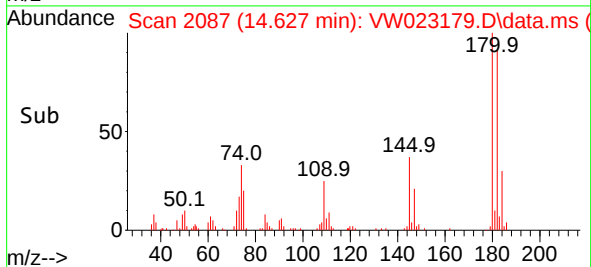
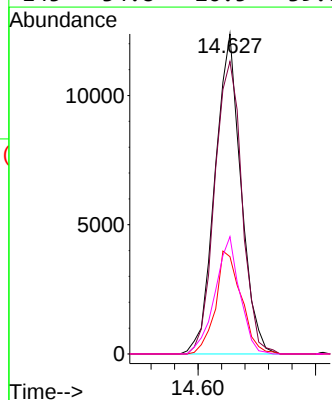
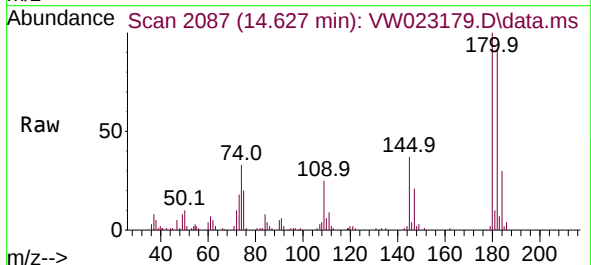
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

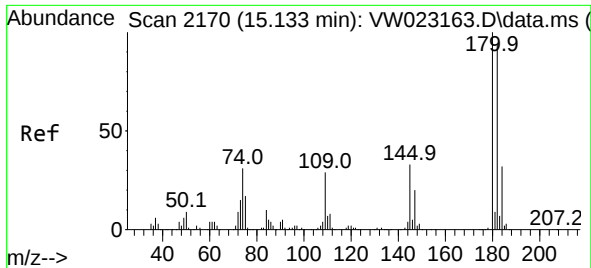
Tgt Ion: 75 Resp: 2517
Ion Ratio Lower Upper
75 100
155 61.5 59.3 88.9
157 91.8 89.8 134.8



#69
1,3,5-Trichlorobenzene
Concen: 13.355 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

Tgt Ion:180 Resp: 19039
Ion Ratio Lower Upper
180 100
182 95.8 74.8 112.2
184 31.8 23.4 35.2
145 34.8 26.5 39.7

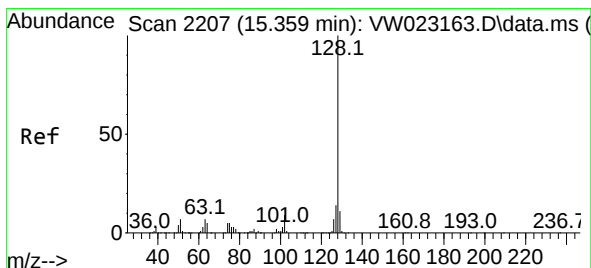
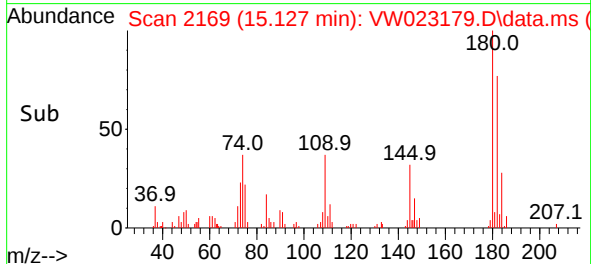
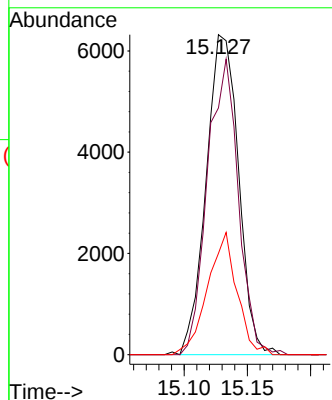
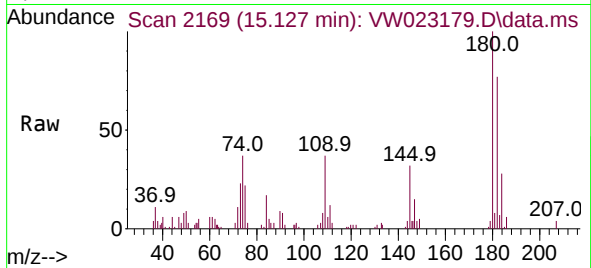




#70
1,2,4-trichlorobenzene
Concen: 9.814 ug/L
RT: 15.127 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

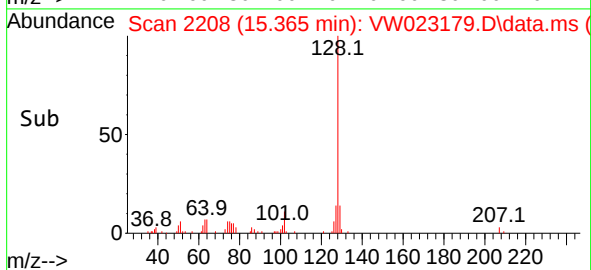
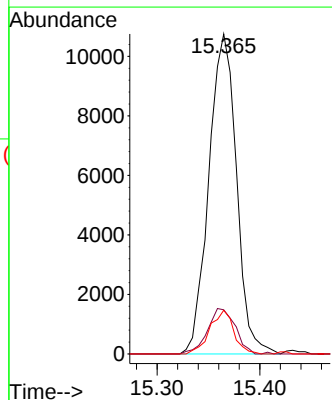
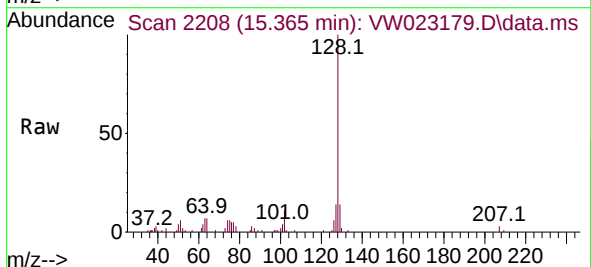
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

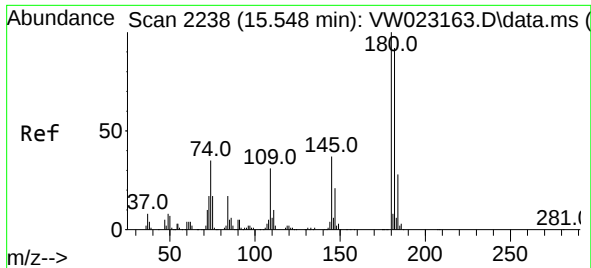
Tgt Ion:180 Resp: 11254
Ion Ratio Lower Upper
180 100
182 88.1 74.9 112.3
145 34.8 26.6 39.8



#71
Naphthalene
Concen: 8.067 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW023179.D
Acq: 19 May 2022 17:45

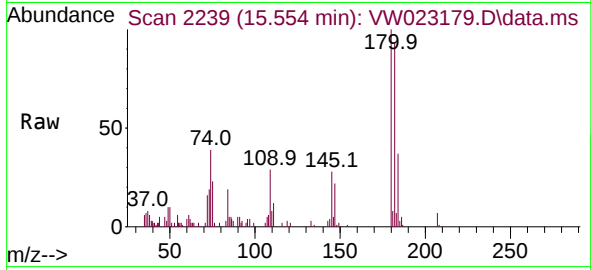
Tgt Ion:128 Resp: 20107
Ion Ratio Lower Upper
128 100
127 14.2 10.6 16.0
129 11.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 7.967 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023179.D
 Acq: 19 May 2022 17:45

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MS



Tgt Ion:	180	Resp:	8097
Ion Ratio	Lower	Upper	
180	100		
182	87.2	73.5	110.3
145	35.6	27.9	41.9

