

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032223\
 Data File : VW025476.D
 Acq On : 22 Mar 2023 09:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 00:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 22 01:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	681349	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	595337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	233874	20.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
7) Chloroethane-d5	2.899	69	184778	22.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	4.021	63	528072	24.134	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.520%
21) 2-Butanone-d5	7.081	46	124624	44.817	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.640%
24) Chloroform-d	7.648	84	491116	25.003	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	8.301	65	252435	23.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.276	84	986159	24.243	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.276	67	312119	24.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	10.319	98	865178	24.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	10.575	79	114419	22.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.320%
47) 2-Hexanone-d5	10.922	63	79353	43.851	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	211976	22.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	267285	23.756	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	206094	26.468	ug/L	98
3) Chloromethane	2.222	50	270403	29.199	ug/L	97
5) Vinyl chloride	2.375	62	307552	29.396	ug/L	98
6) Bromomethane	2.789	94	158469	28.410	ug/L	95
8) Chloroethane	2.936	64	177017	29.437	ug/L	99
9) Trichlorofluoromethane	3.265	101	238699	26.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	262243	29.862	ug/L	97
12) 1,1-Dichloroethene	4.045	96	244032	28.721	ug/L	97
13) Acetone	4.131	43	131850	49.324	ug/L	99
14) Carbon disulfide	4.387	76	767884	29.067	ug/L	99
15) Methyl Acetate	4.667	43	113600	22.653	ug/L	99
16) Methylene chloride	4.911	84	270994	28.563	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	252353	28.332	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	350495	26.138	ug/L	98
19) 1,1-Dichloroethane	6.216	63	530492	28.761	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	275155	28.215	ug/L #	95
22) 2-Butanone	7.173	43	162323	46.941	ug/L	97
23) Bromochloromethane	7.508	128	107110	25.541	ug/L	92
25) Chloroform	7.673	83	488328	28.163	ug/L	98

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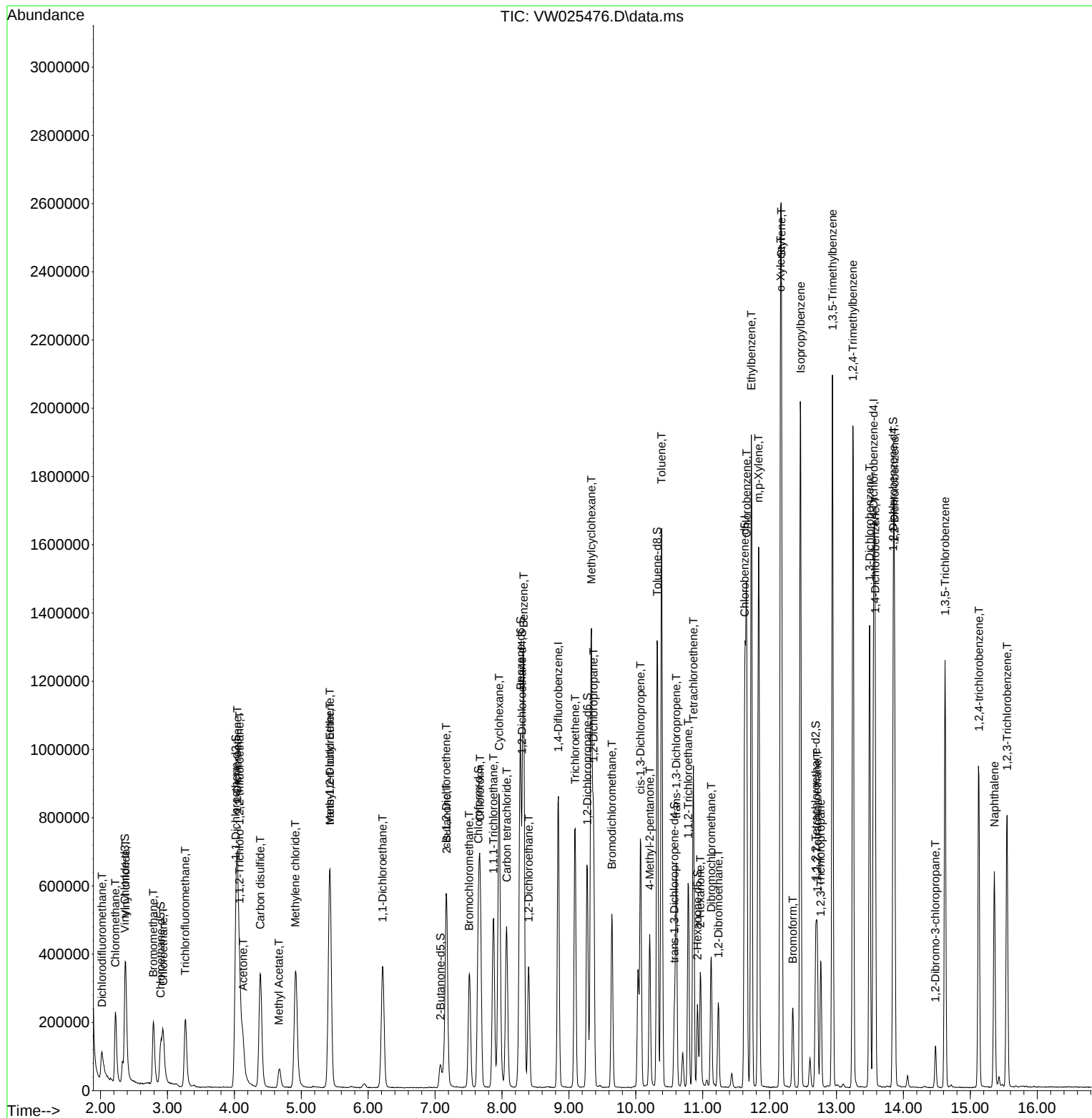
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	321862	27.816	ug/L	99
29) Cyclohexane	7.959	56	510928	30.404	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	395951	27.978	ug/L	98
31) Carbon tetrachloride	8.069	117	360210	28.395	ug/L	100
33) Benzene	8.325	78	1101486	28.939	ug/L	100
34) Trichloroethene	9.093	95	275501	27.578	ug/L	95
35) Methylcyclohexane	9.337	83	503823	29.276	ug/L	99
37) 1,2-Dichloropropane	9.368	63	295812	28.234	ug/L	100
38) Bromodichloromethane	9.642	83	337257	27.601	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	425807	28.211	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	307828	48.884	ug/L	100
42) Toluene	10.386	91	1139831	29.004	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	344317	27.240	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	185607	26.379	ug/L	97
46) Tetrachloroethene	10.861	164	201522	28.351	ug/L	97
48) 2-Hexanone	10.965	43	225611	49.798	ug/L	99
49) Dibromochloromethane	11.129	129	194929	25.929	ug/L	95
50) 1,2-Dibromoethane	11.233	107	166646	25.587	ug/L	100
51) Chlorobenzene	11.654	112	690072	27.667	ug/L	98
52) Ethylbenzene	11.727	91	1294938	28.891	ug/L	96
53) m,p-Xylene	11.837	106	480840	29.086	ug/L	95
54) o-Xylene	12.166	106	448348	28.821	ug/L	100
55) Styrene	12.178	104	772822	29.092	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	217521	24.853	ug/L	98
59) Bromoform	12.349	173	102247	23.424	ug/L	98
60) Isopropylbenzene	12.465	105	1281409	28.412	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	155851	23.643	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1045486	29.269	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1010221	28.708	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	515956	26.998	ug/L	94
65) 1,4-Dichlorobenzene	13.580	146	511222	26.078	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	445963	26.018	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	31812	20.846	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	354216	27.266	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	277884	25.798	ug/L	99
71) Naphthalene	15.360	128	510907	24.029	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	243834	25.203	ug/L	98

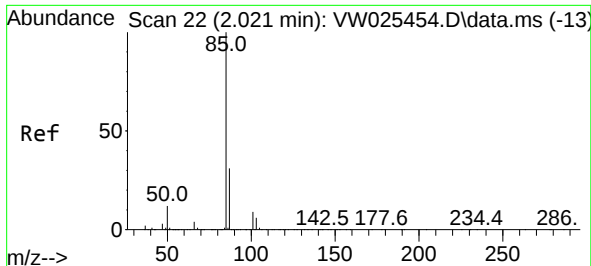
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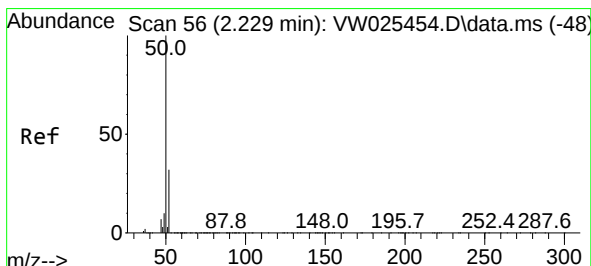
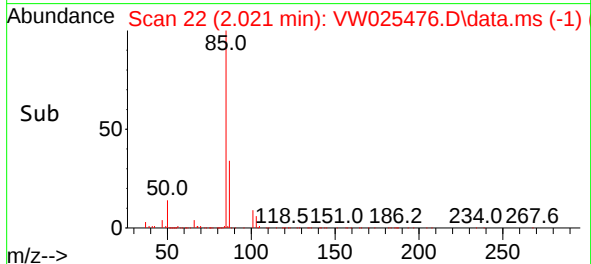
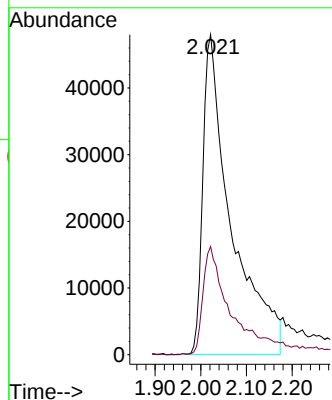
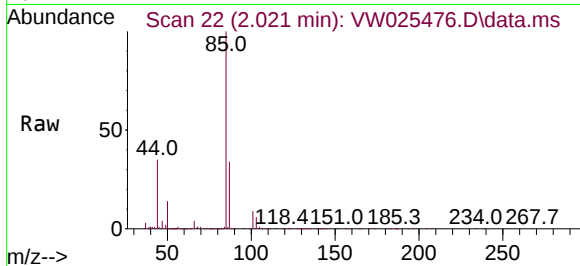




#2
 Dichlorodifluoromethane
 Concen: 26.468 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

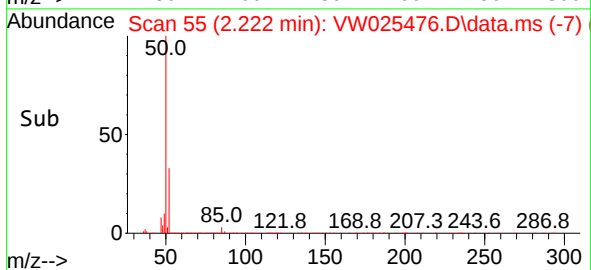
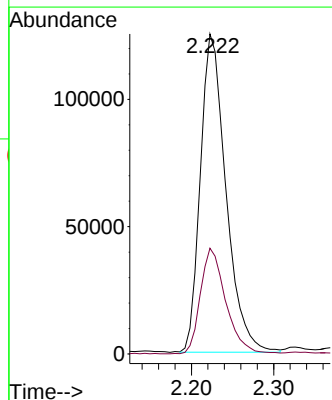
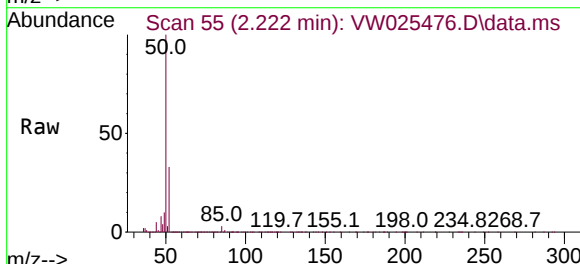
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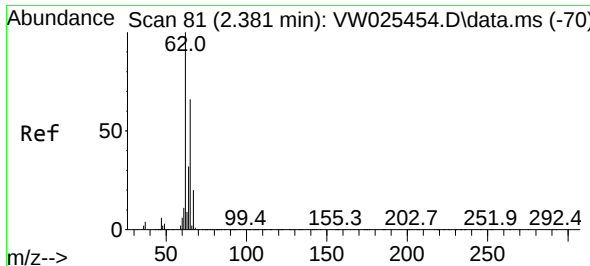
Tgt Ion: 85 Resp: 206094
 Ion Ratio Lower Upper
 85 100
 87 26.7 20.5 30.7



#3
 Chloromethane
 Concen: 29.199 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

Tgt Ion: 50 Resp: 270403
 Ion Ratio Lower Upper
 50 100
 52 33.1 21.9 40.7

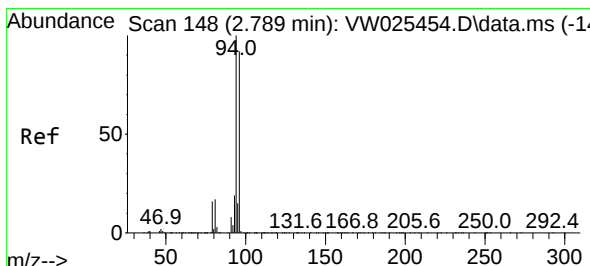
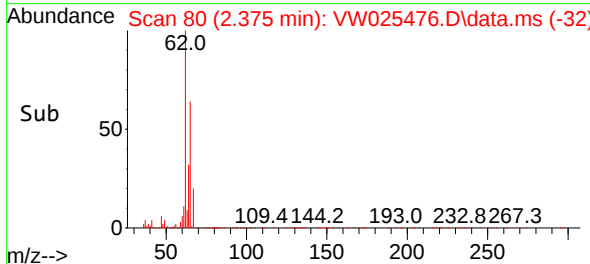
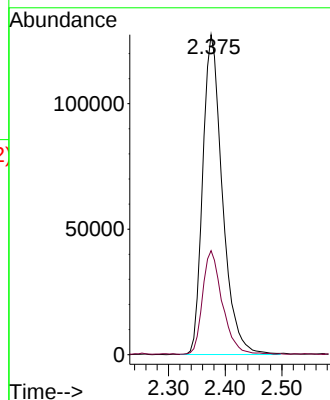
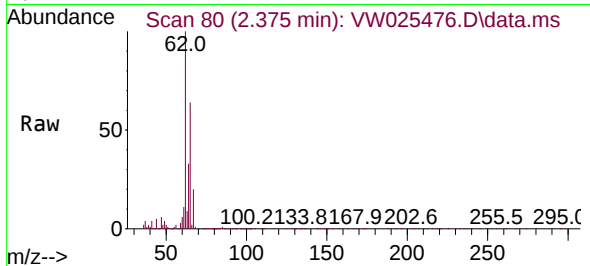




#5
 Vinyl chloride
 Concen: 29.396 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

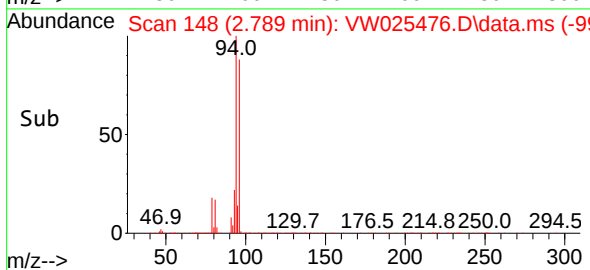
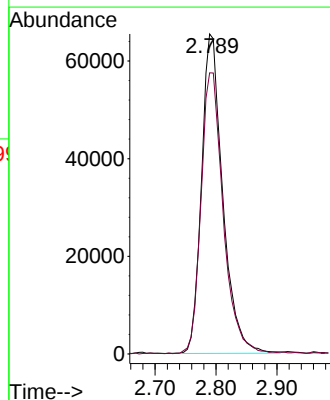
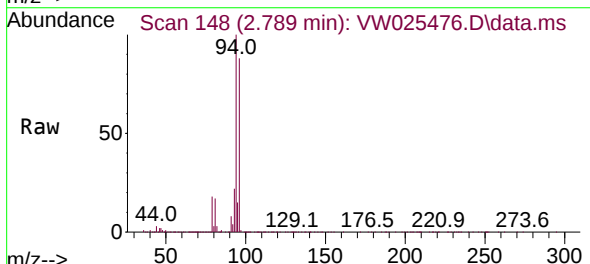
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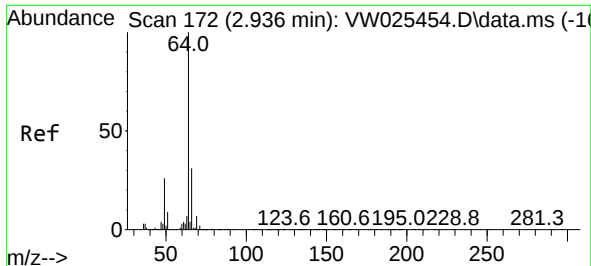
Tgt Ion: 62 Resp: 307552
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.6



#6
 Bromomethane
 Concen: 28.410 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

Tgt Ion: 94 Resp: 158469
 Ion Ratio Lower Upper
 94 100
 96 87.9 64.5 119.9

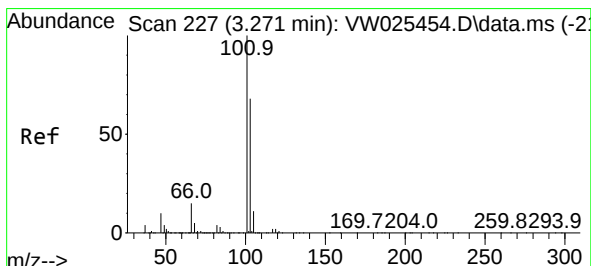
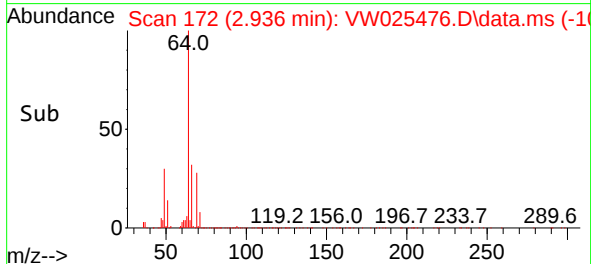
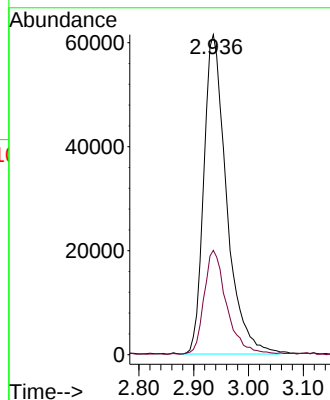
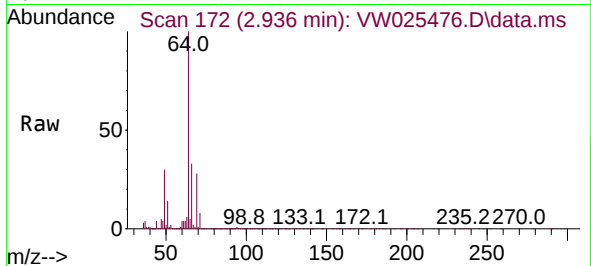




#8
Chloroethane
Concen: 29.437 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

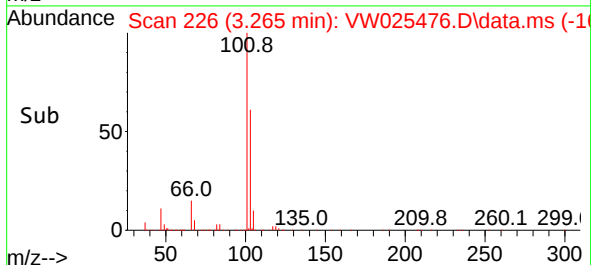
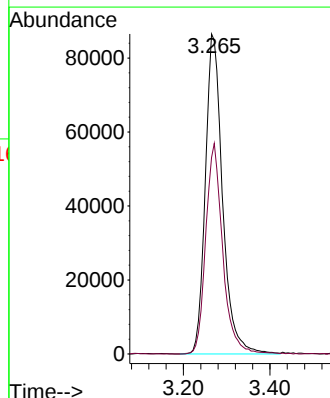
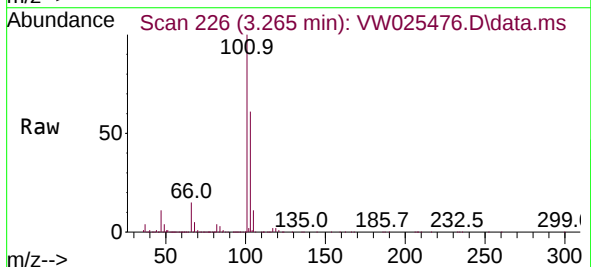
Instrument :
MSVOA_W
ClientSampleId :

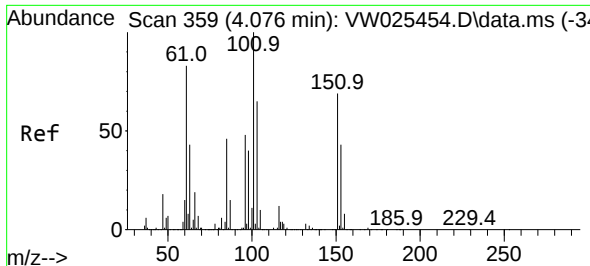
Tgt Ion: 64 Resp: 177017
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 26.359 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 101 Resp: 238699
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

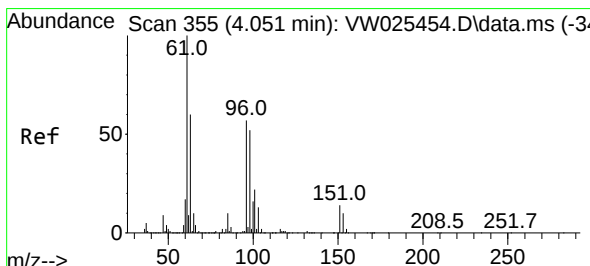
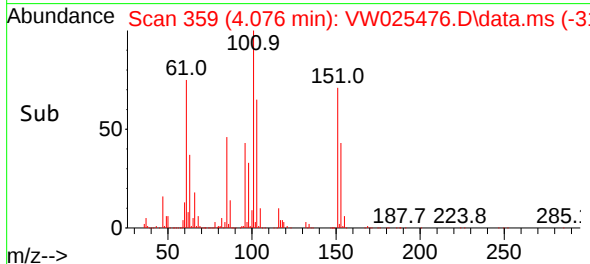
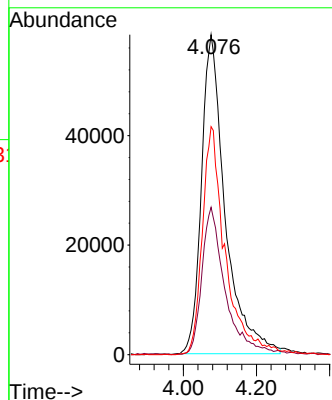
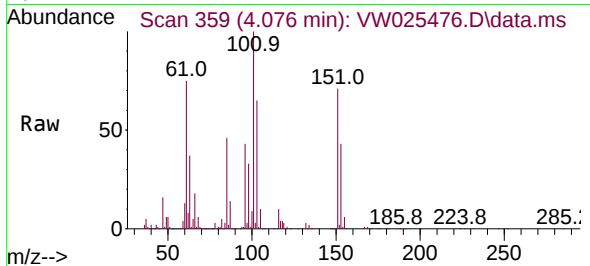




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.862 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

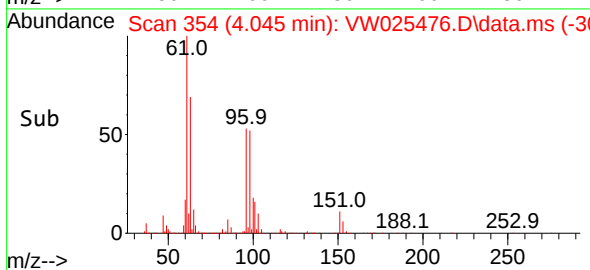
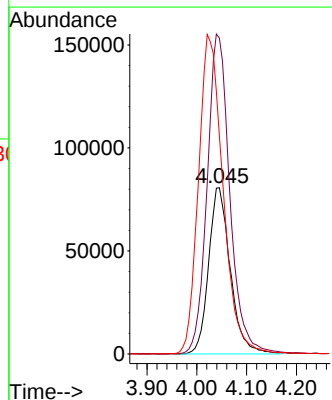
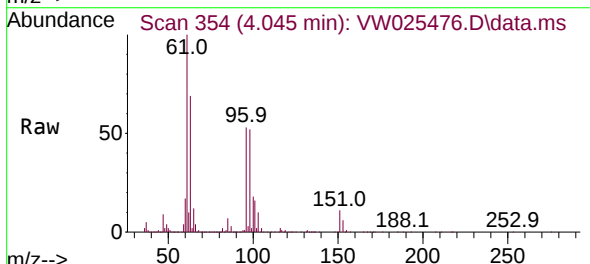
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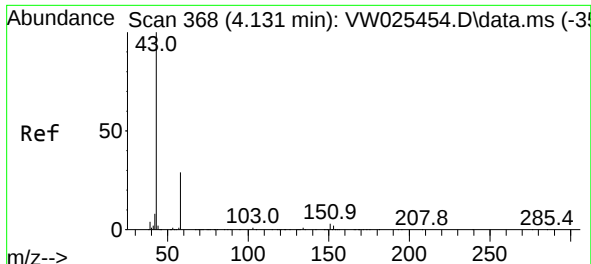
Tgt Ion:101 Resp: 262243
 Ion Ratio Lower Upper
 101 100
 85 41.0 35.8 53.8
 151 66.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 28.721 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

Tgt Ion: 96 Resp: 244032
 Ion Ratio Lower Upper
 96 100
 61 189.9 130.7 242.7
 63 131.1 88.3 164.1

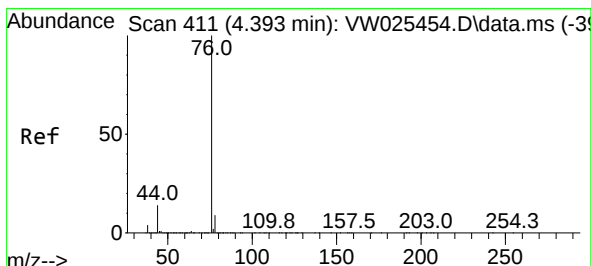
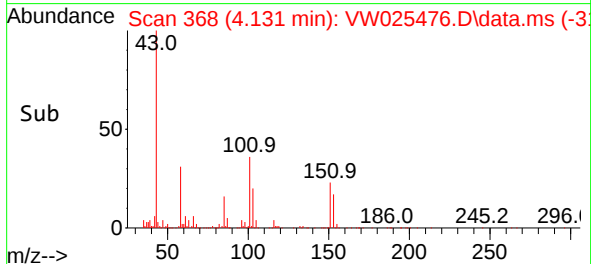
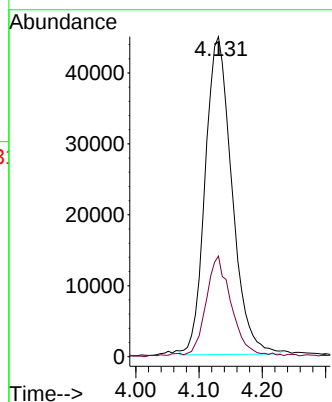
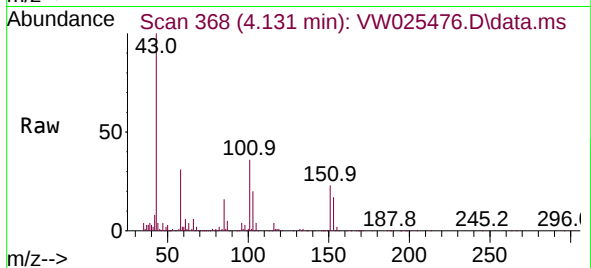




#13
Acetone
Concen: 49.324 ug/L
RT: 4.131 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

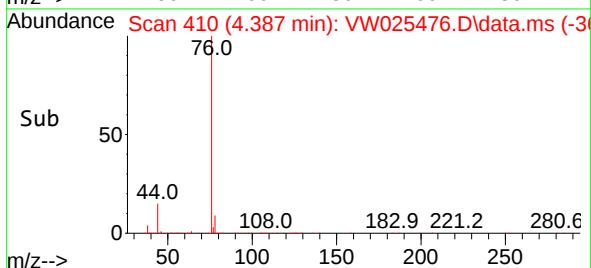
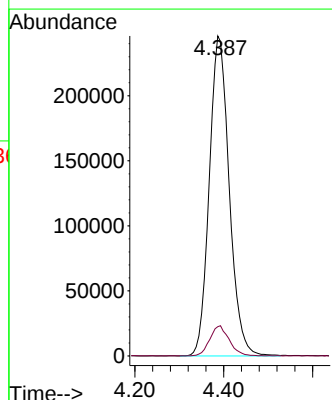
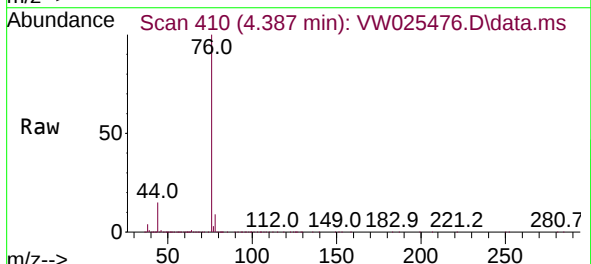
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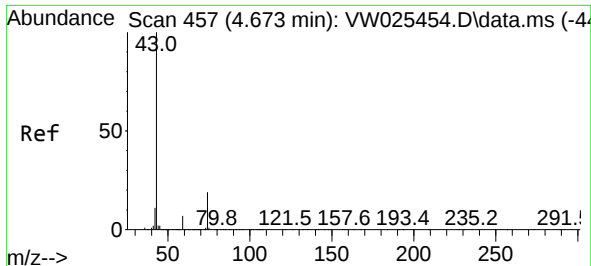
Tgt Ion: 43 Resp: 131850
Ion Ratio Lower Upper
43 100
58 29.7 0.0 60.0



#14
Carbon disulfide
Concen: 29.067 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW025476.D
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Tgt Ion: 76 Resp: 767884
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

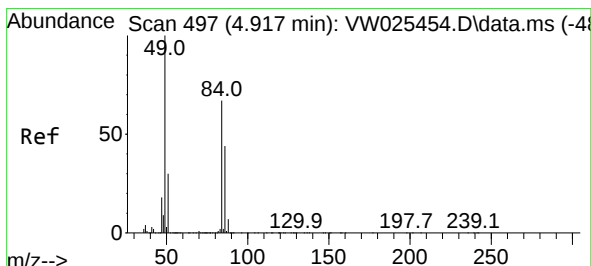
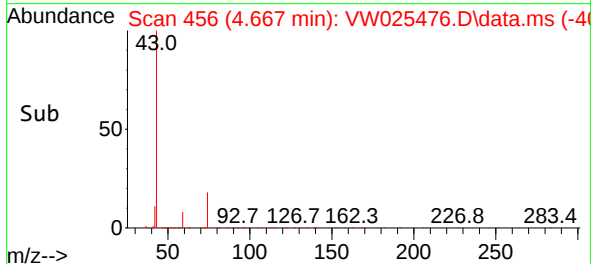
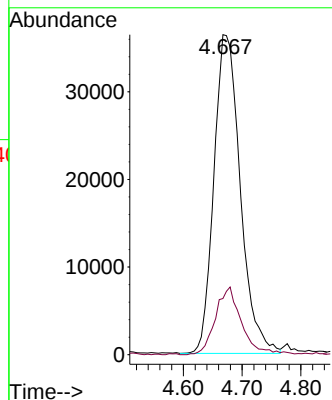
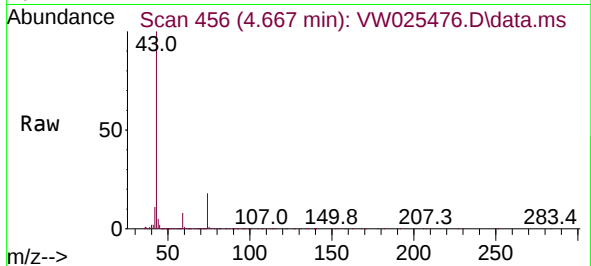




#15
Methyl Acetate
Concen: 22.653 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

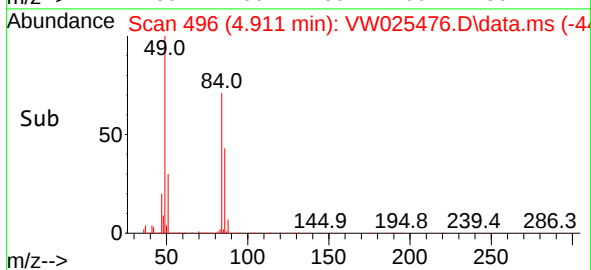
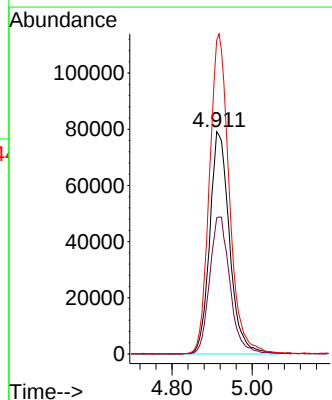
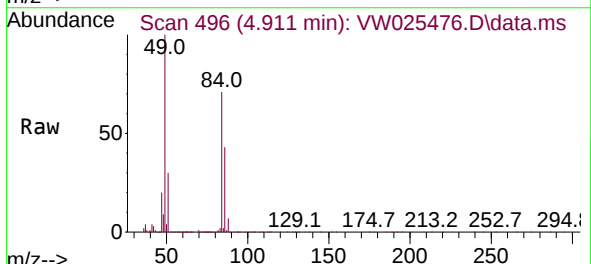
Instrument :
MSVOA_W
ClientSampleId :

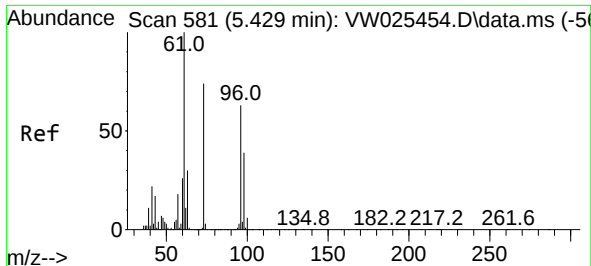
Tgt Ion: 43 Resp: 113600
Ion Ratio Lower Upper
43 100
74 20.8 17.0 25.4



#16
Methylene chloride
Concen: 28.563 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 84 Resp: 270994
Ion Ratio Lower Upper
84 100
86 61.2 45.1 83.7
49 141.2 94.7 175.9

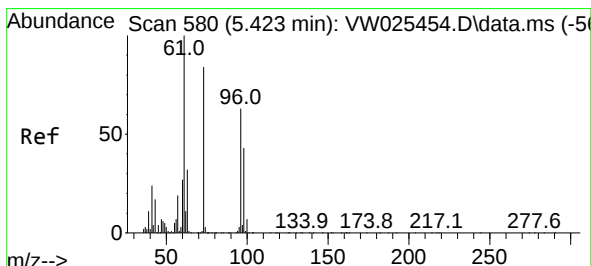
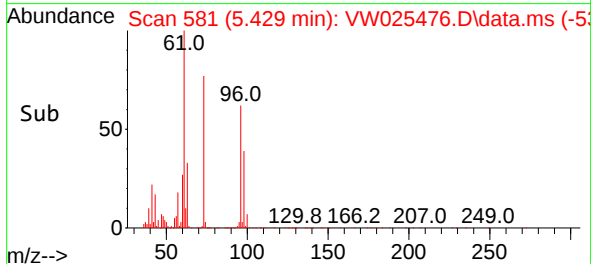
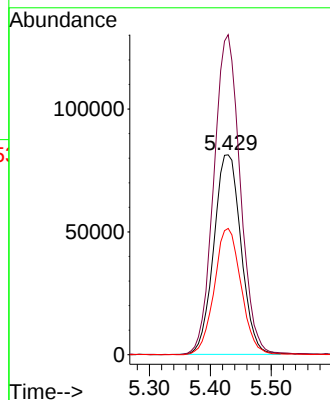
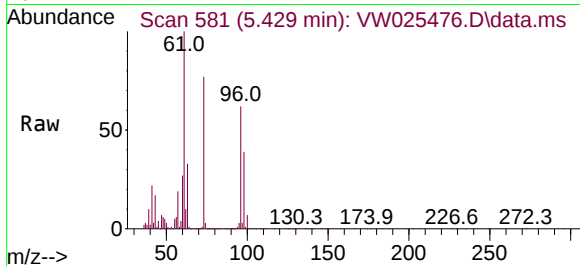




#17
trans-1,2-Dichloroethene
Concen: 28.332 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

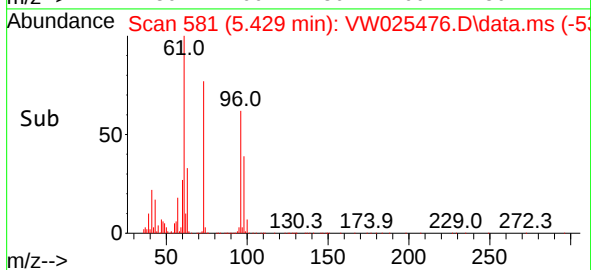
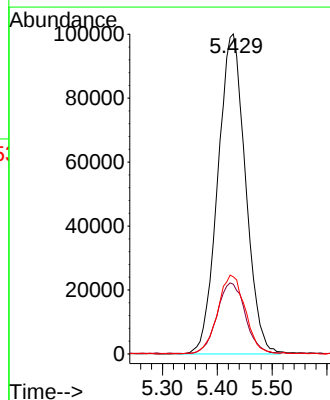
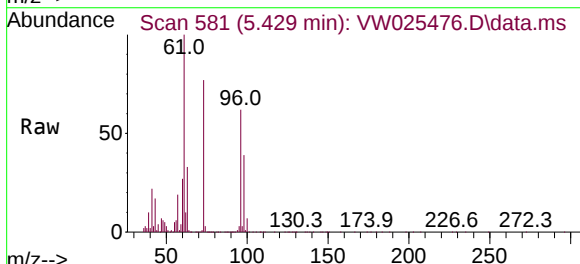
Instrument :
MSVOA_W
ClientSampleId :

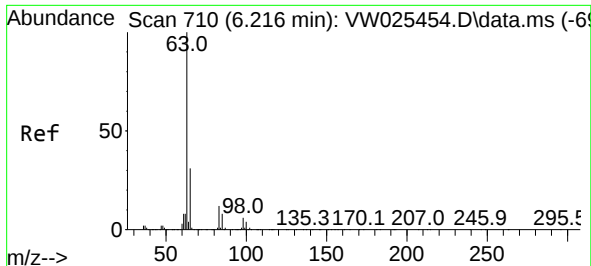
Tgt Ion: 96 Resp: 252353
Ion Ratio Lower Upper
96 100
61 160.1 103.0 191.4
98 63.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 26.138 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 73 Resp: 350495
Ion Ratio Lower Upper
73 100
43 22.4 17.6 26.4
57 24.5 18.6 28.0





#19

1,1-Dichloroethane

Concen: 28.761 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

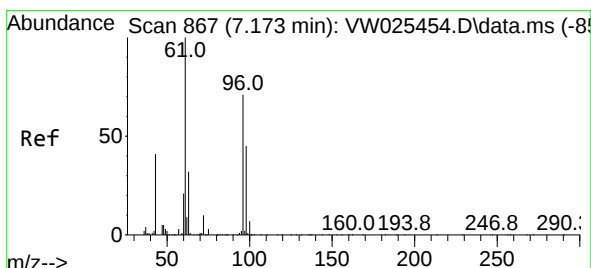
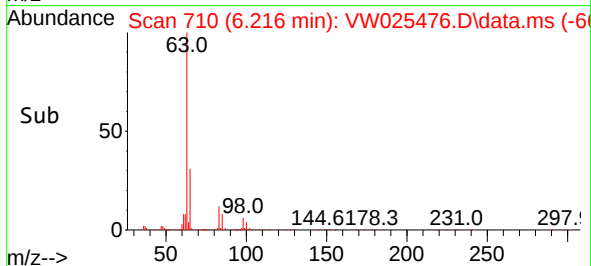
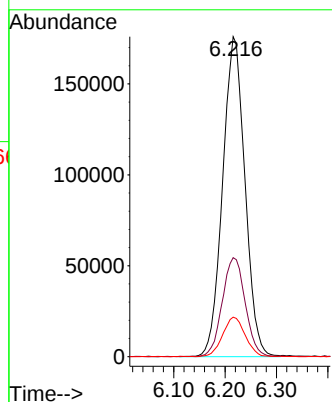
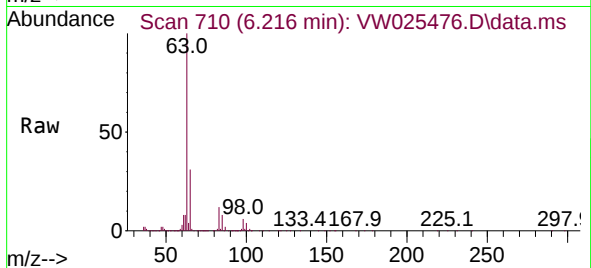
Tgt Ion: 63 Resp: 530492

Ion Ratio Lower Upper

63 100

65 31.0 21.7 40.3

83 12.3 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 28.215 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

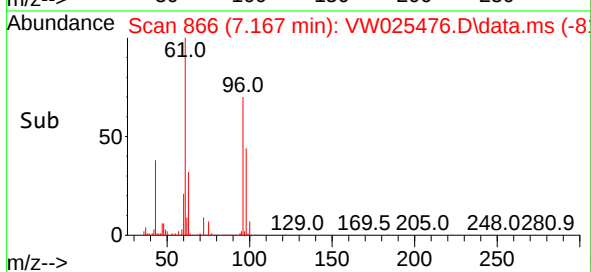
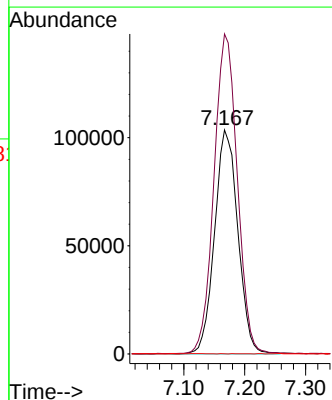
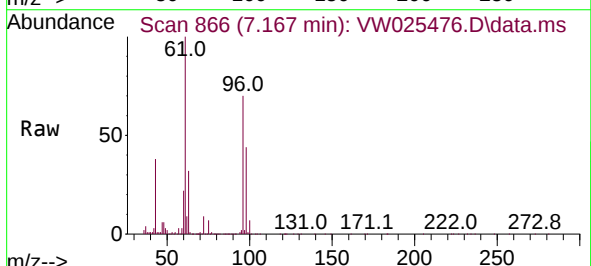
Tgt Ion: 96 Resp: 275155

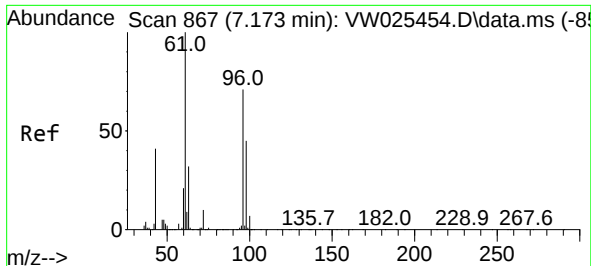
Ion Ratio Lower Upper

96 100

61 142.8 95.5 177.4

68 0.2 0.1 0.1#

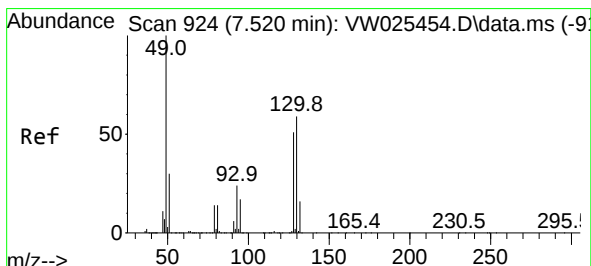
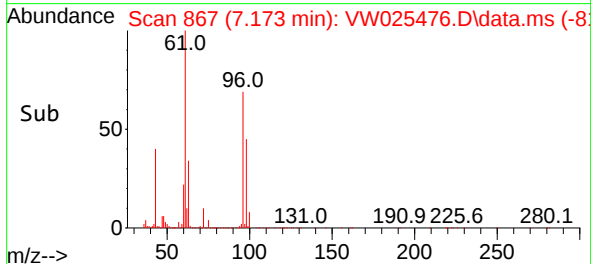
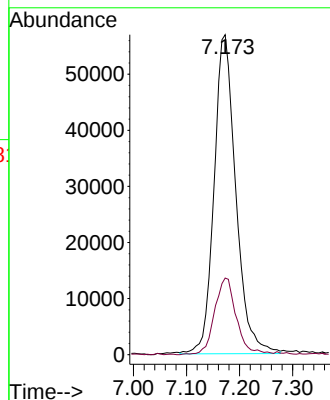
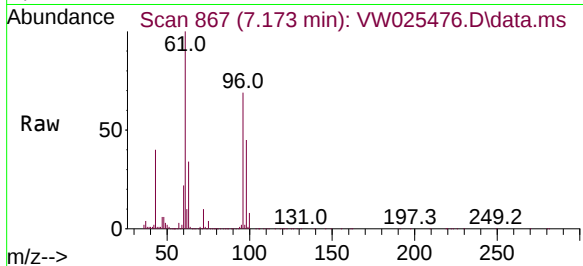




#22
2-Butanone
Concen: 46.941 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

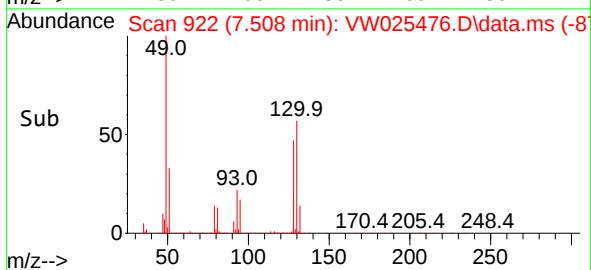
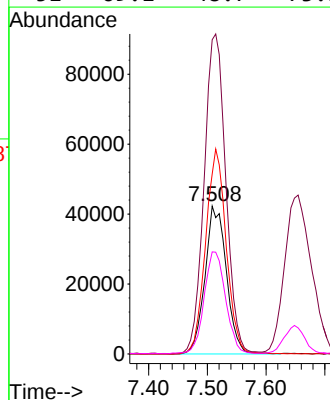
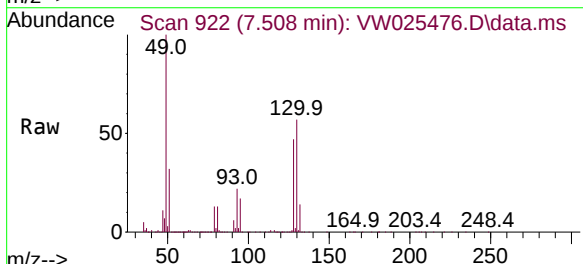
Instrument :
MSVOA_W
ClientSampleId :

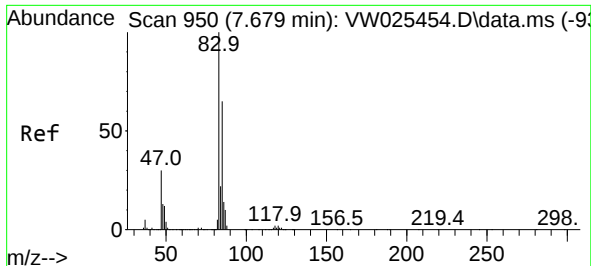
Tgt Ion: 43 Resp: 162323
Ion Ratio Lower Upper
43 100
72 22.8 12.0 36.1



#23
Bromochloromethane
Concen: 25.541 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 128 Resp: 107110
Ion Ratio Lower Upper
128 100
49 212.5 140.6 261.0
130 121.8 80.8 150.0
51 69.1 48.7 73.1

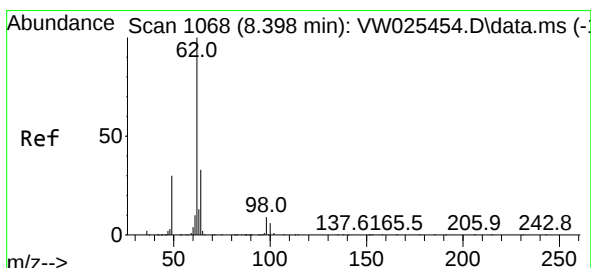
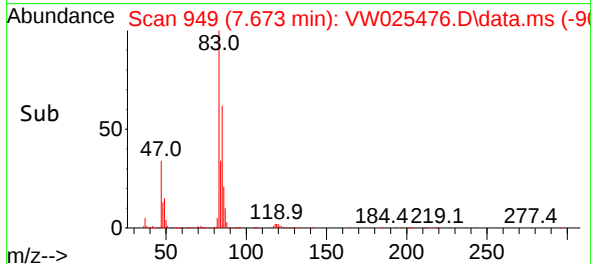
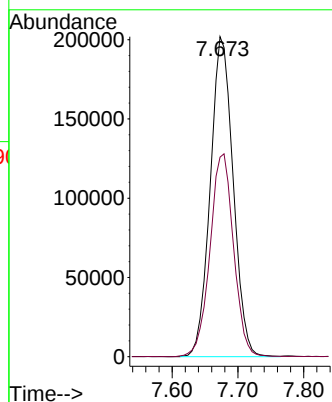
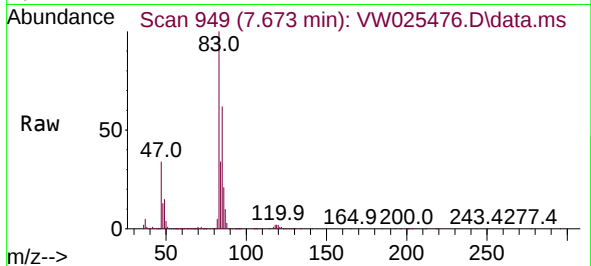




#25
Chloroform
Concen: 28.163 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

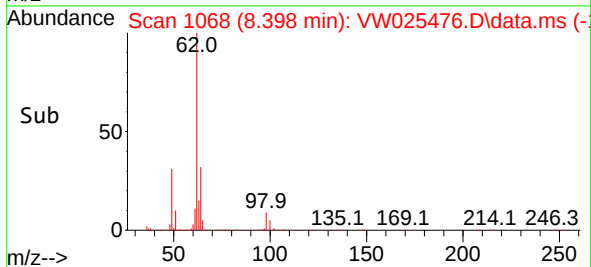
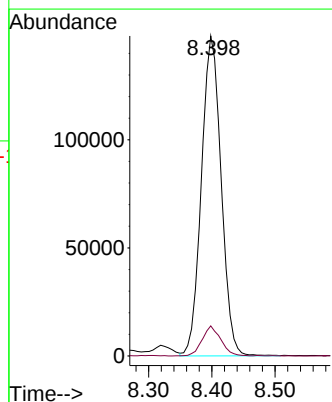
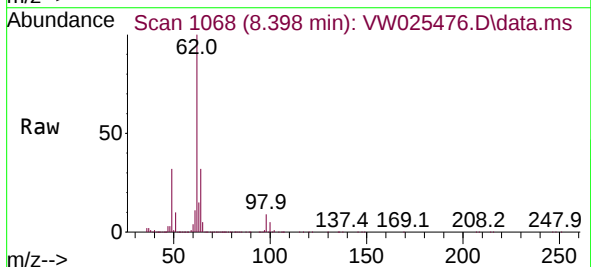
Instrument :
MSVOA_W
ClientSampleId :

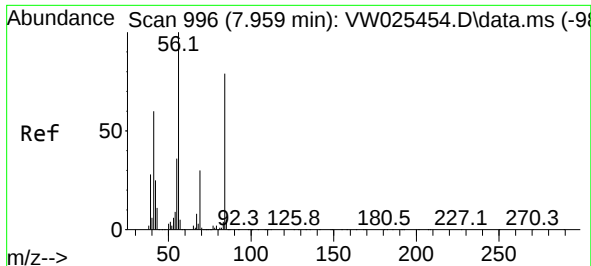
Tgt Ion: 83 Resp: 488328
Ion Ratio Lower Upper
83 100
85 62.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 27.816 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 62 Resp: 321862
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 30.404 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

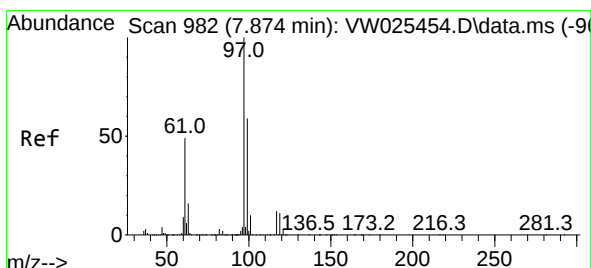
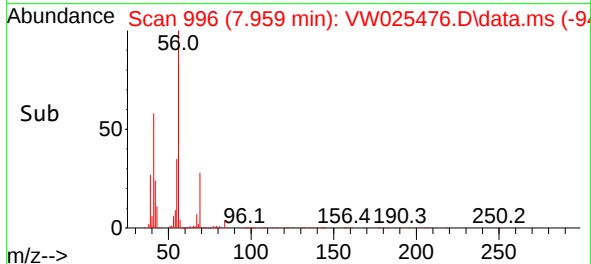
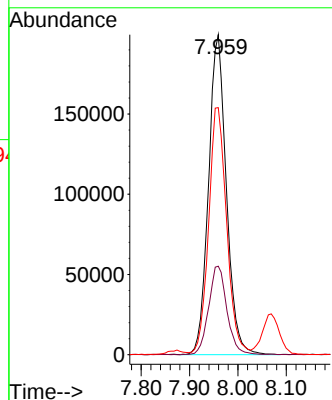
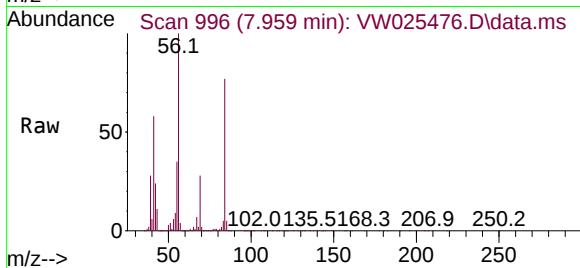
Tgt Ion: 56 Resp: 510928

Ion Ratio Lower Upper

56 100

69 28.4 23.1 34.7

84 76.9 63.9 95.9



#30

1,1,1-Trichloroethane

Concen: 27.978 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

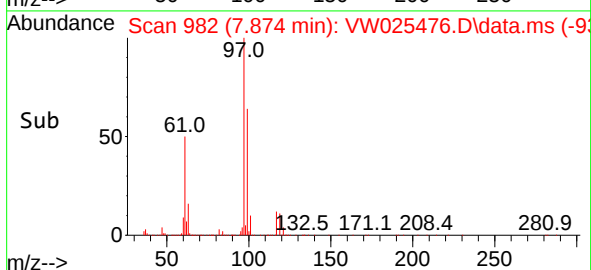
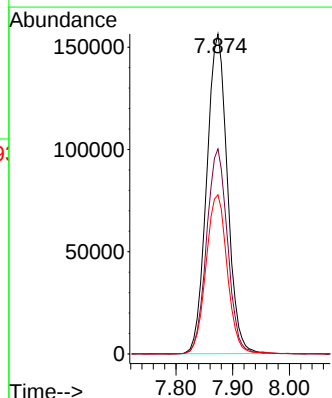
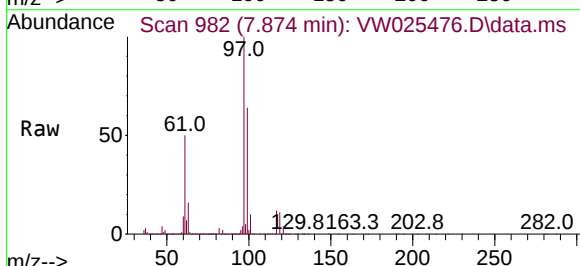
Tgt Ion: 97 Resp: 395951

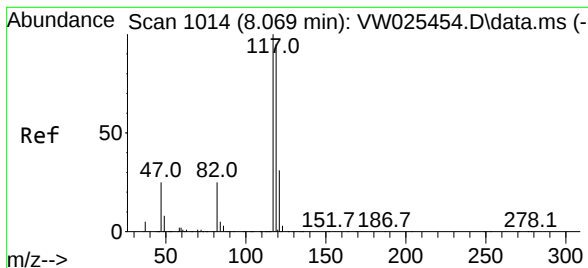
Ion Ratio Lower Upper

97 100

99 65.0 50.9 76.3

61 51.2 39.8 59.6

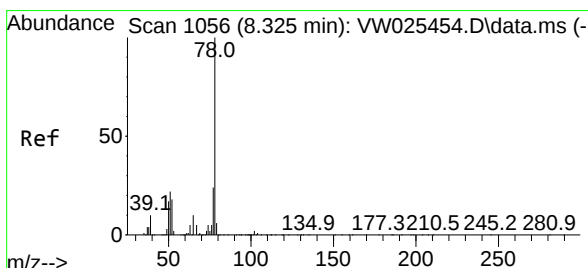
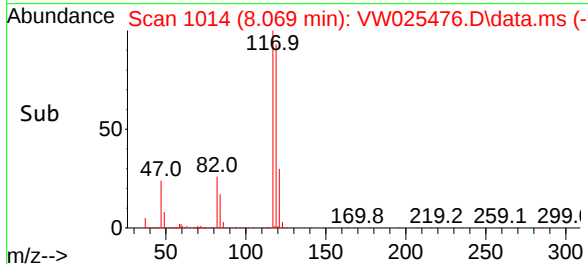
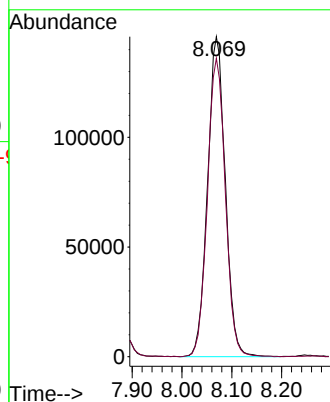
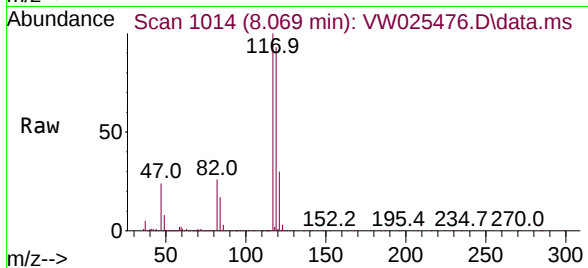




#31
Carbon tetrachloride
Concen: 28.395 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

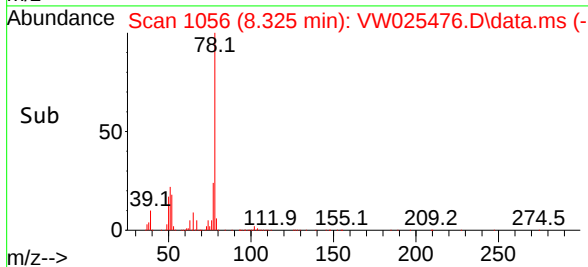
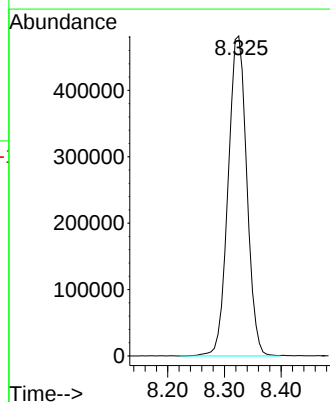
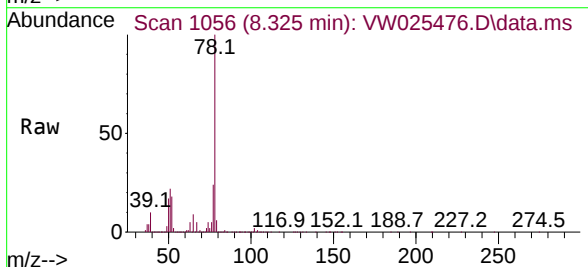
Instrument :
MSVOA_W
ClientSampleId :

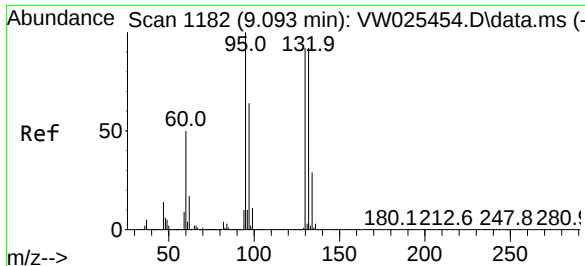
Tgt Ion:117 Resp: 360210
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6



#33
Benzene
Concen: 28.939 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 78 Resp: 1101486





#34

Trichloroethene

Concen: 27.578 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 275501

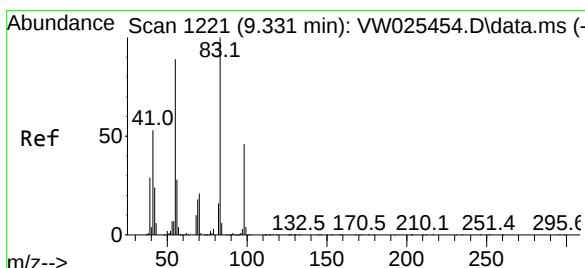
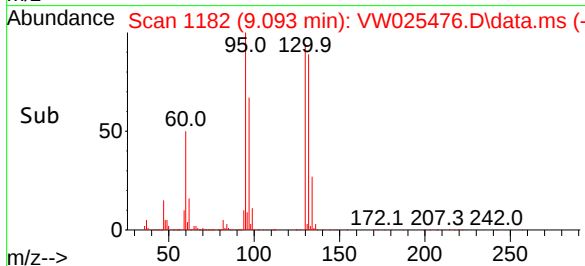
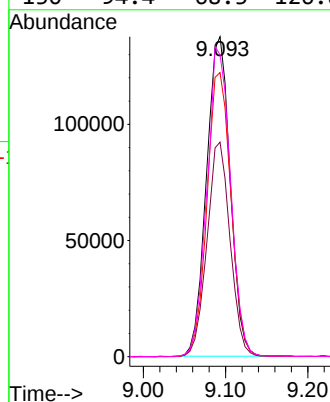
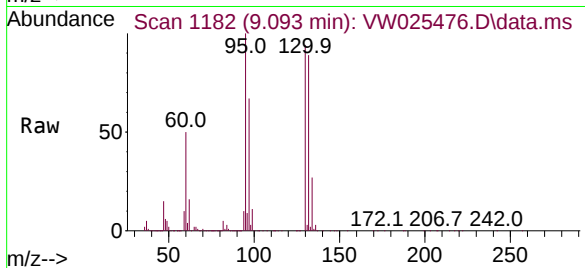
Ion Ratio Lower Upper

95 100

97 67.0 43.8 81.4

132 88.8 65.9 122.3

130 94.4 68.3 126.8



#35

Methylcyclohexane

Concen: 29.276 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

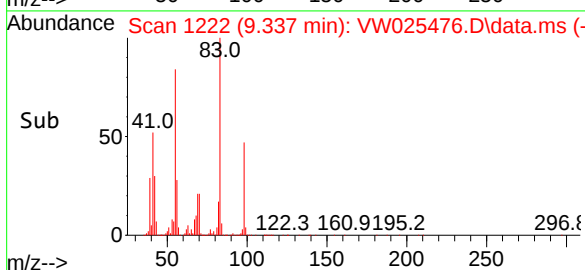
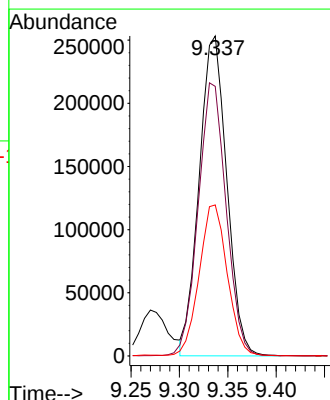
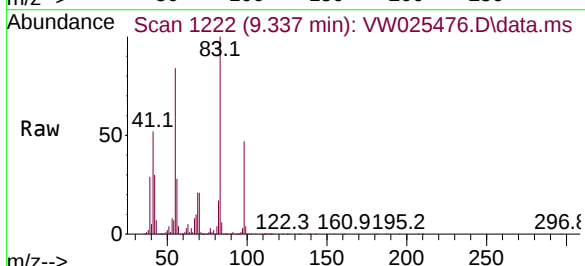
Tgt Ion: 83 Resp: 503823

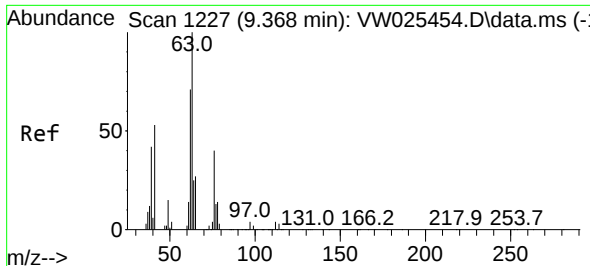
Ion Ratio Lower Upper

83 100

55 86.3 68.2 102.4

98 48.2 39.0 58.4





#37

1,2-Dichloropropane

Concen: 28.234 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

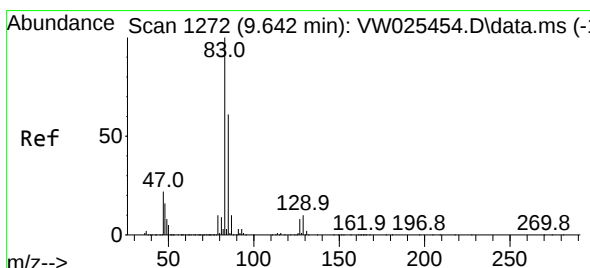
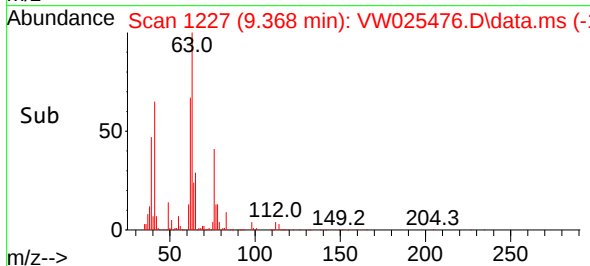
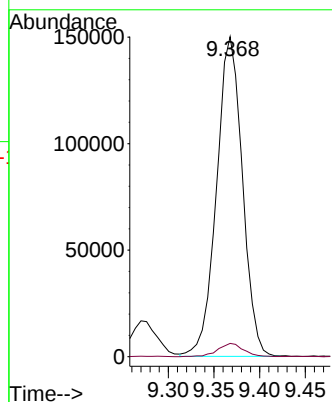
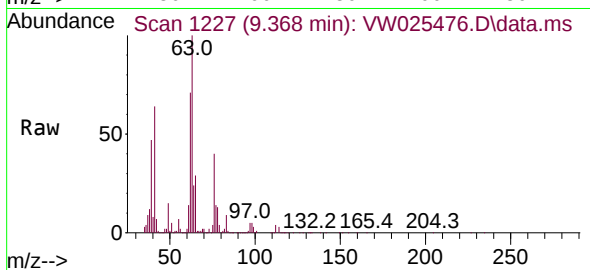
ClientSampleId :

Tgt Ion: 63 Resp: 295812

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 27.601 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

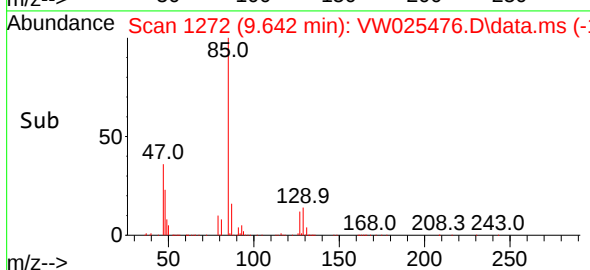
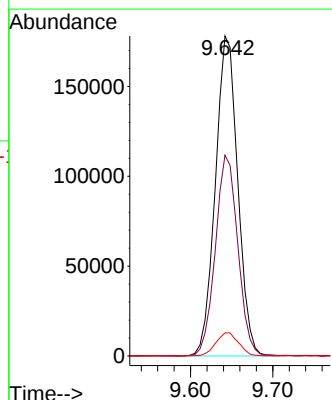
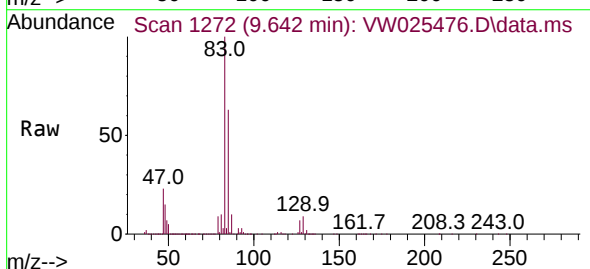
Tgt Ion: 83 Resp: 337257

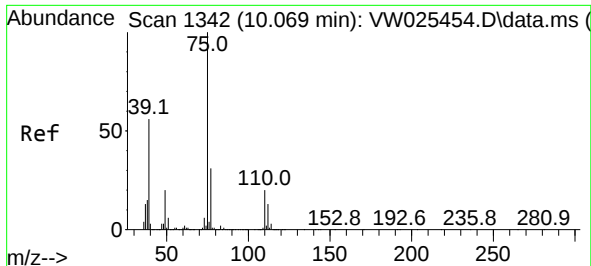
Ion Ratio Lower Upper

83 100

85 62.8 44.7 83.1

127 7.2 6.1 9.1

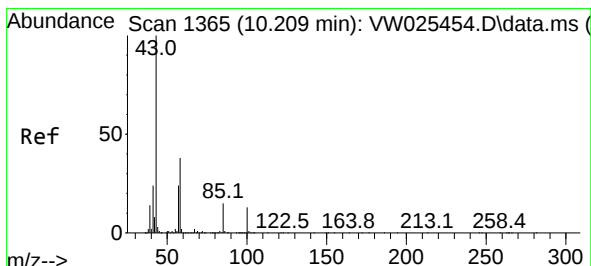
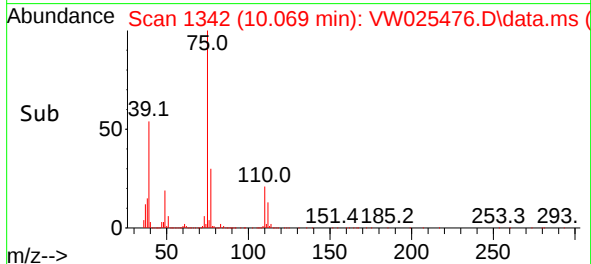
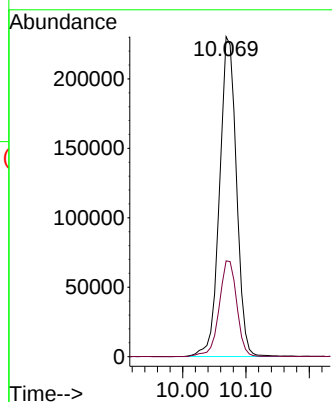
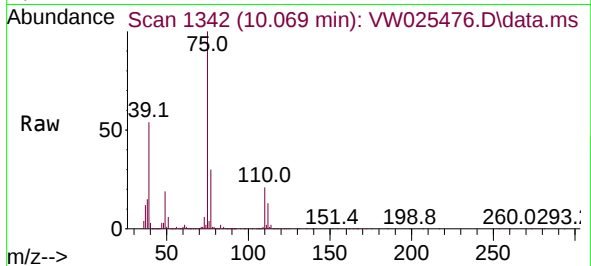




#39
 cis-1,3-Dichloropropene
 Concen: 28.211 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

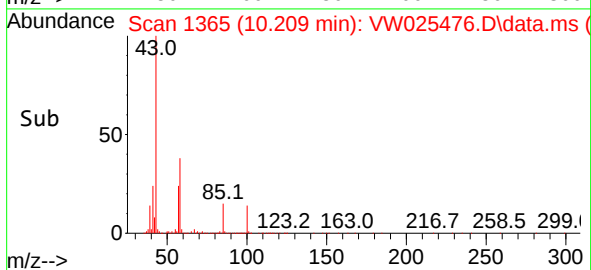
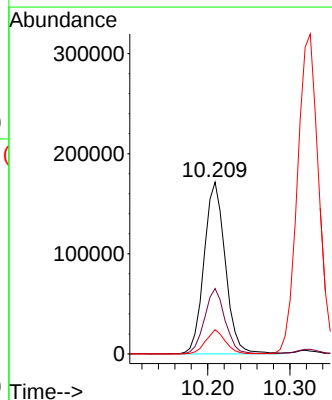
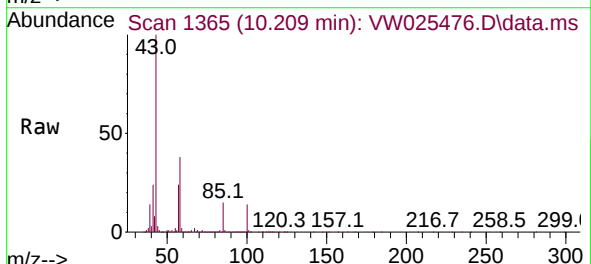
Instrument :
 MSVOA_W
 ClientSampleId :

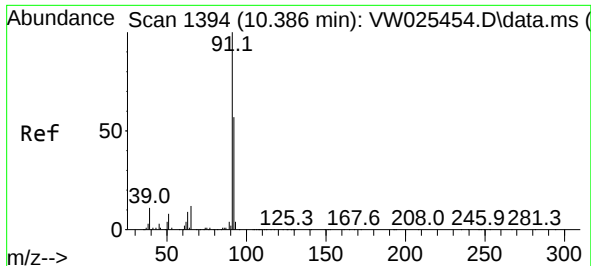
Tgt Ion: 75 Resp: 425807
 Ion Ratio Lower Upper
 75 100
 77 29.9 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 48.884 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025476.D
 Acq: 22 Mar 2023 09:14

Tgt Ion: 43 Resp: 307828
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.6 44.4
 100 13.0 10.6 16.0

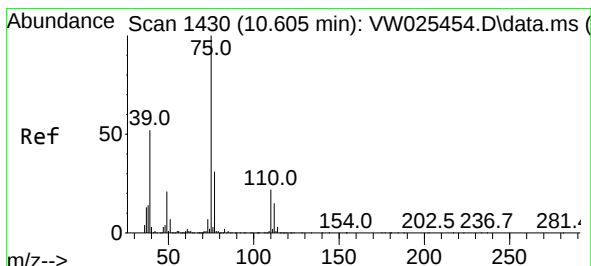
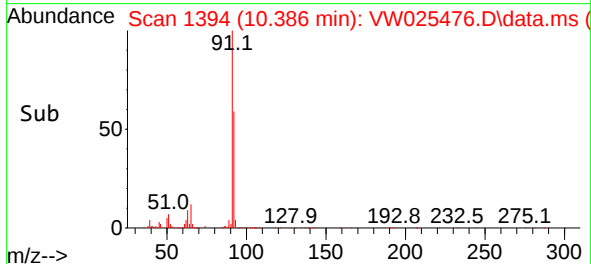
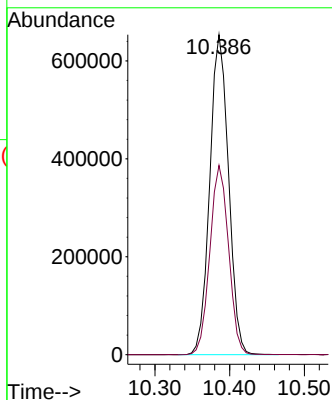
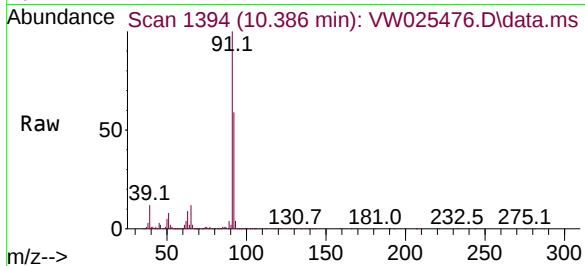




#42
Toluene
Concen: 29.004 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

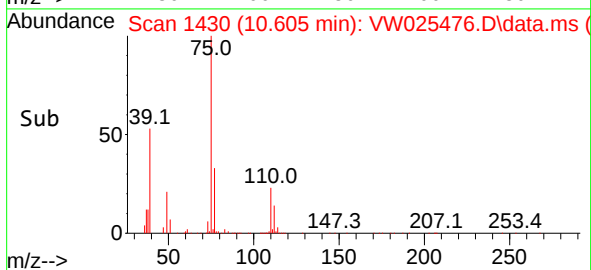
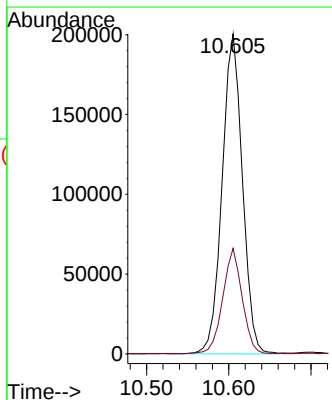
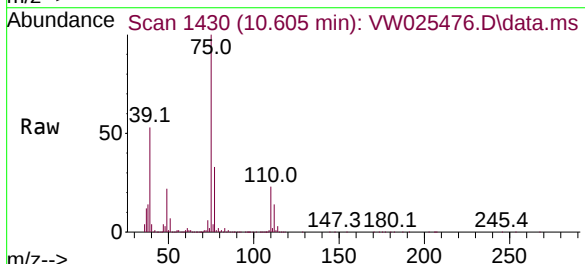
Instrument :
MSVOA_W
ClientSampleId :

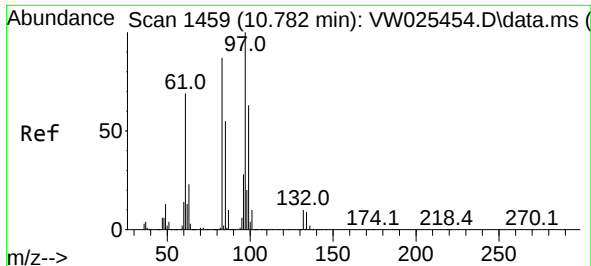
Tgt Ion: 91 Resp: 1139831
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 27.240 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 75 Resp: 344317
Ion Ratio Lower Upper
75 100
77 33.0 22.3 41.3

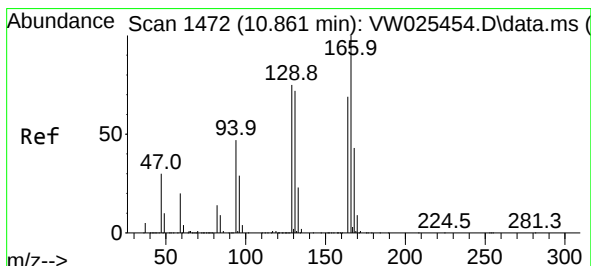
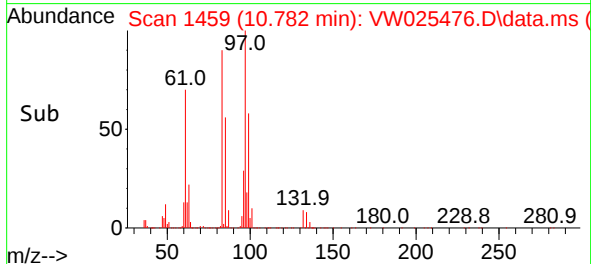
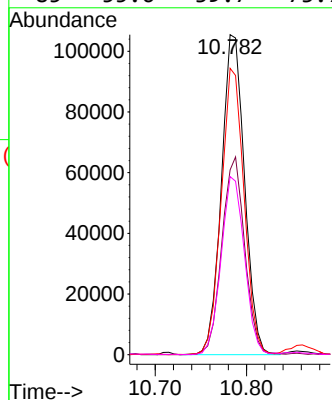
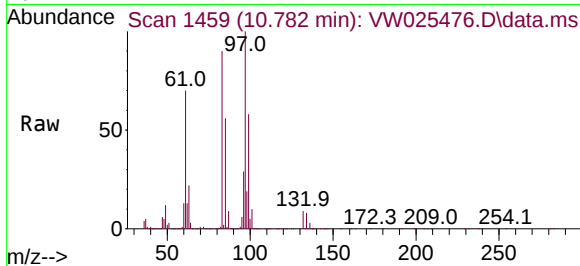




#45
1,1,2-Trichloroethane
Concen: 26.379 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

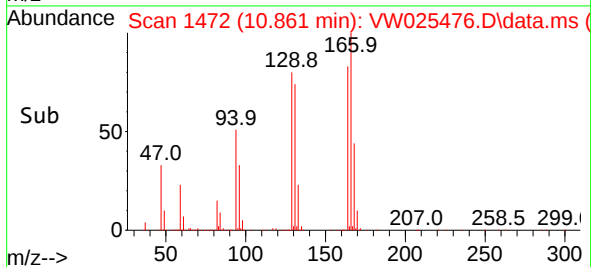
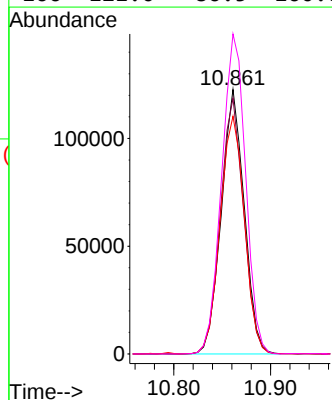
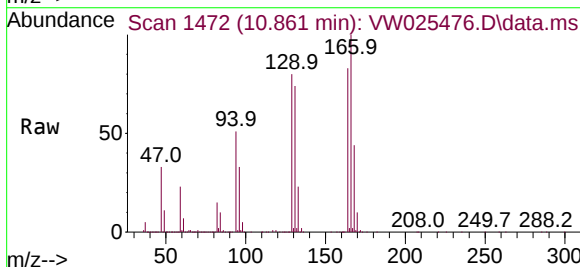
Instrument :
MSVOA_W
ClientSampleId :

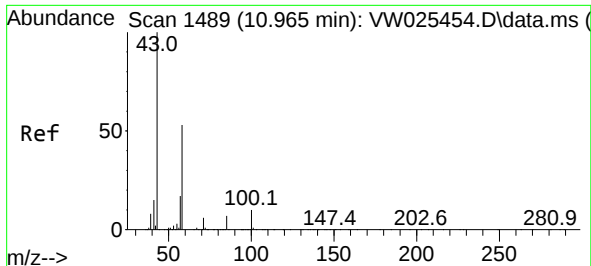
Tgt Ion:	97	Resp:	185607
Ion	Ratio	Lower	Upper
97	100		
99	57.7	42.6	79.0
83	89.5	60.5	112.3
85	55.6	39.7	73.7



#46
Tetrachloroethene
Concen: 28.351 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion:	164	Resp:	201522
Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.7	125.7
131	89.9	67.0	124.4
166	121.0	86.5	160.7



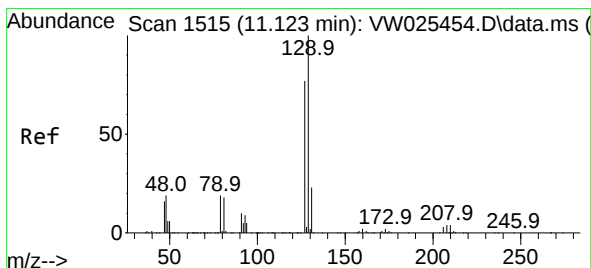
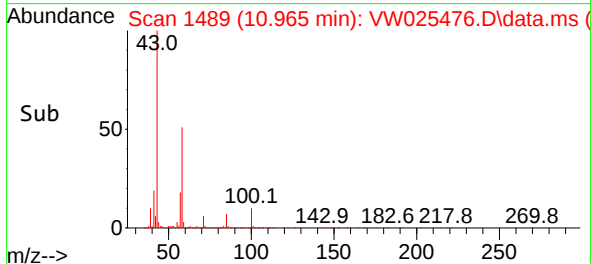
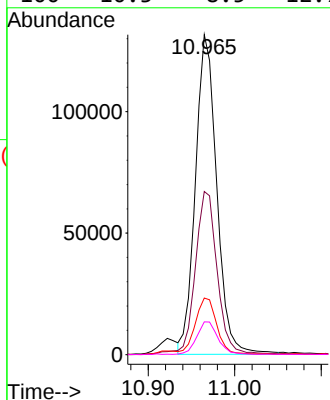
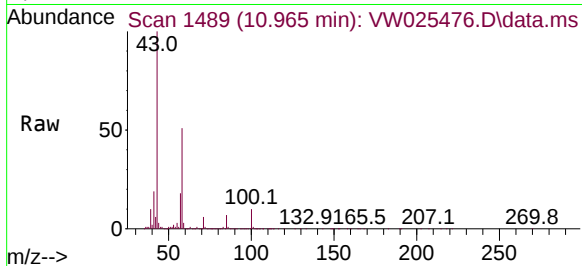


#48
2-Hexanone
Concen: 49.798 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 225611

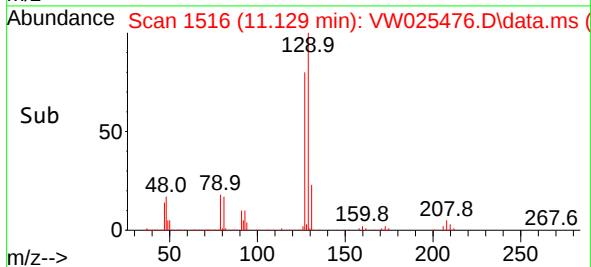
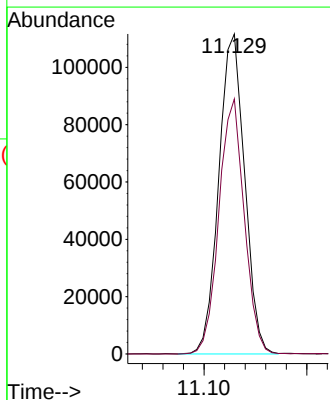
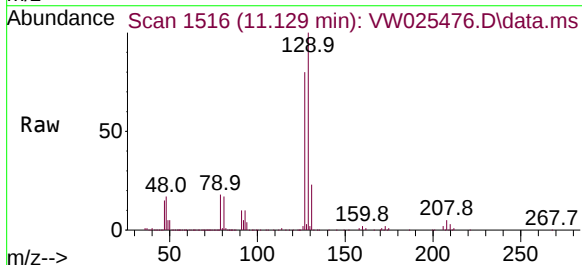
Ion	Ratio	Lower	Upper
43	100		
58	52.7	41.2	61.8
57	17.7	14.2	21.4
100	10.3	8.5	12.7

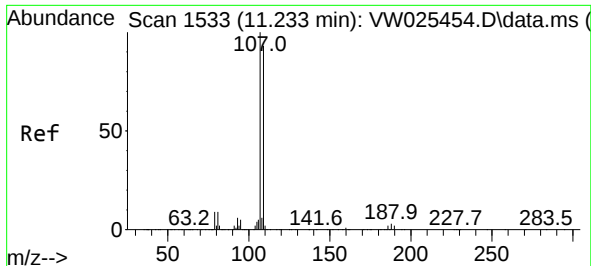


#49
Dibromochloromethane
Concen: 25.929 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion: 129 Resp: 194929

Ion	Ratio	Lower	Upper
129	100		
127	79.7	52.8	98.2

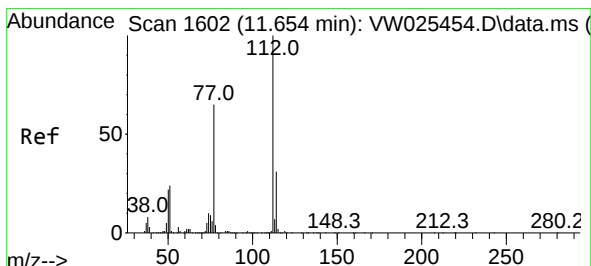
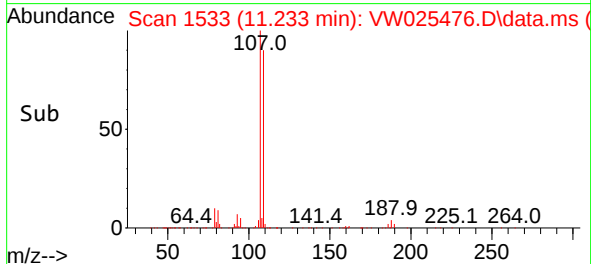
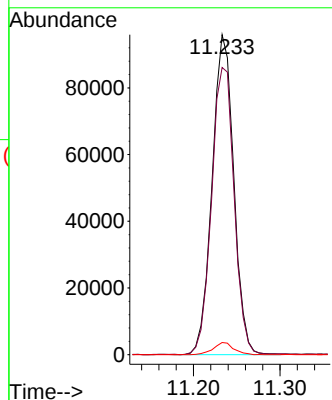
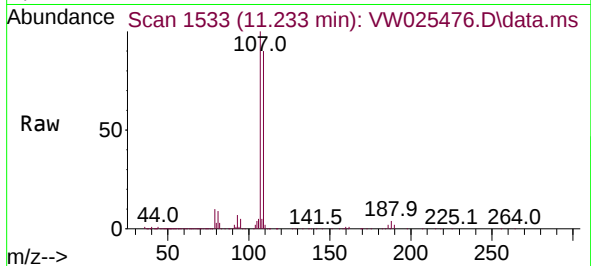




#50
1,2-Dibromoethane
Concen: 25.587 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

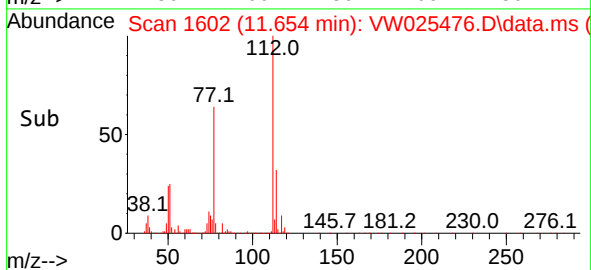
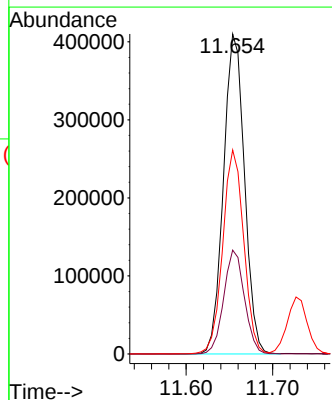
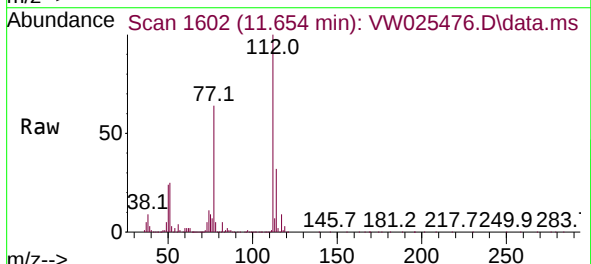
Instrument :
MSVOA_W
ClientSampleId :

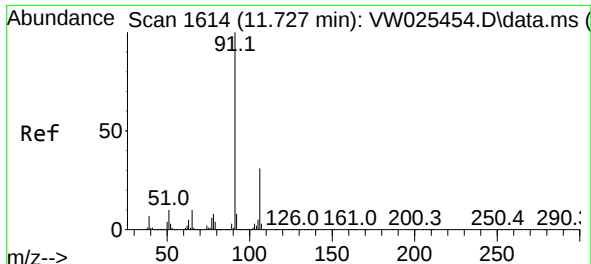
Tgt Ion:107 Resp: 166646
Ion Ratio Lower Upper
107 100
109 89.8 62.9 116.9
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 27.667 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion:112 Resp: 690072
Ion Ratio Lower Upper
112 100
114 32.4 21.9 40.7
77 63.8 51.8 77.8

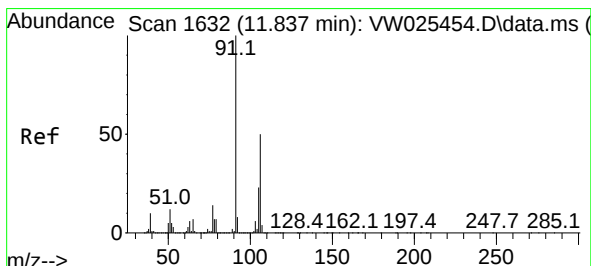
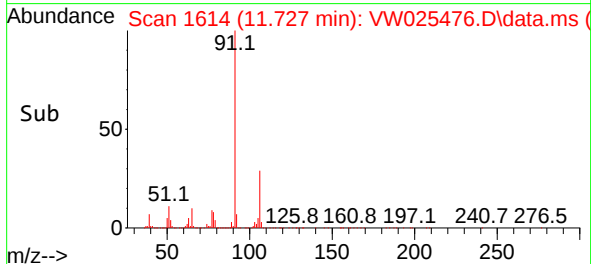
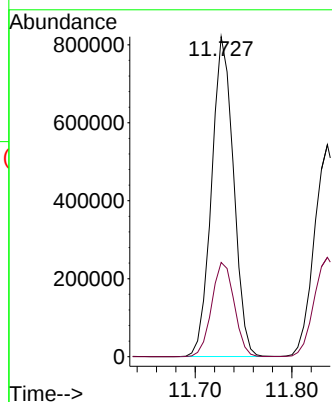
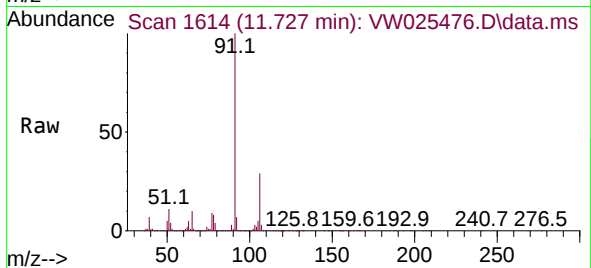




#52
Ethylbenzene
Concen: 28.891 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

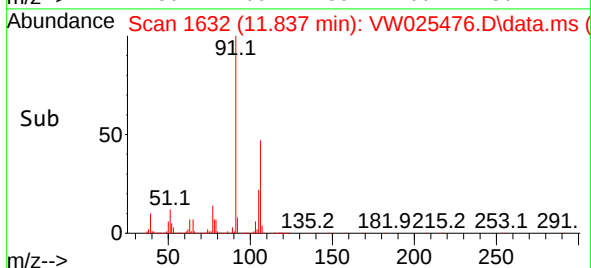
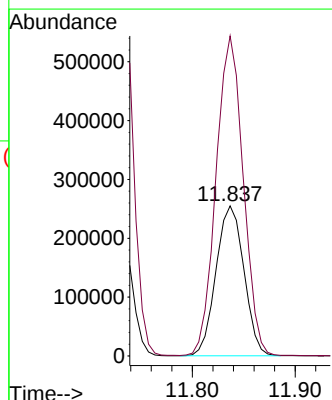
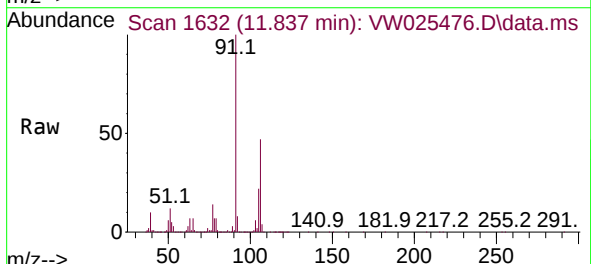
Instrument :
MSVOA_W
ClientSampleId :

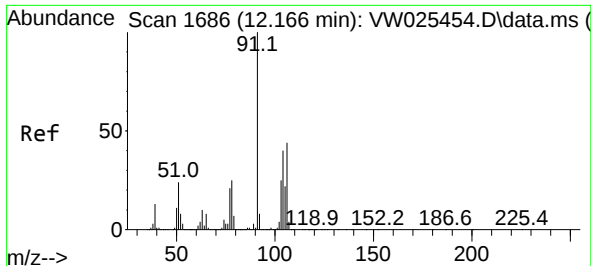
Tgt Ion: 91 Resp: 1294938
Ion Ratio Lower Upper
91 100
106 29.5 22.0 41.0



#53
m,p-Xylene
Concen: 29.086 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion:106 Resp: 480840
Ion Ratio Lower Upper
106 100
91 213.2 144.2 267.8

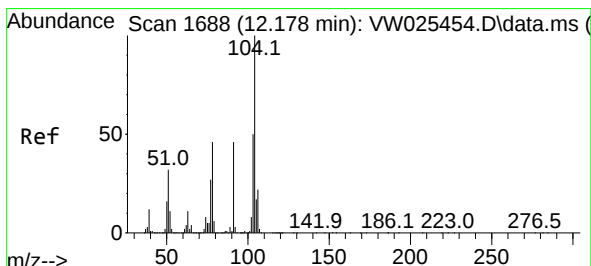
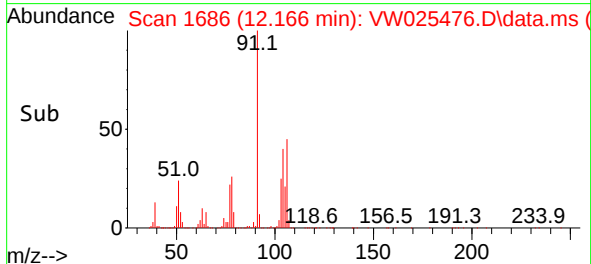
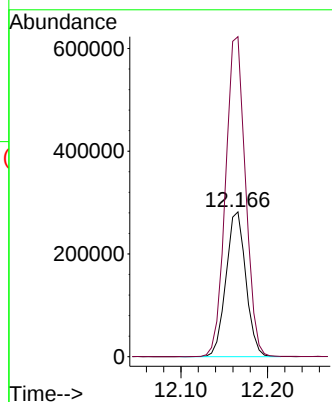
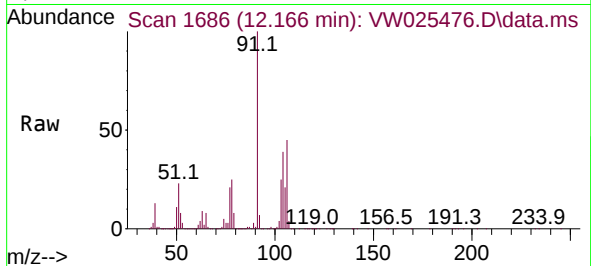




#54
o-Xylene
Concen: 28.821 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

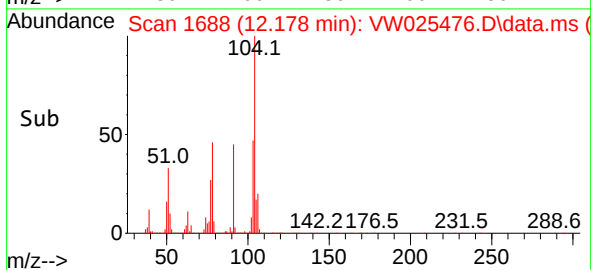
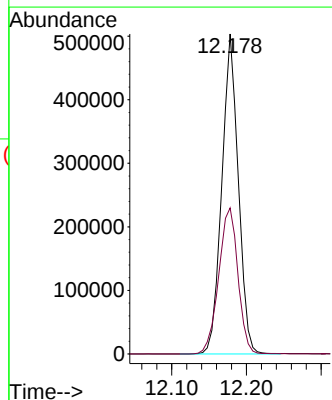
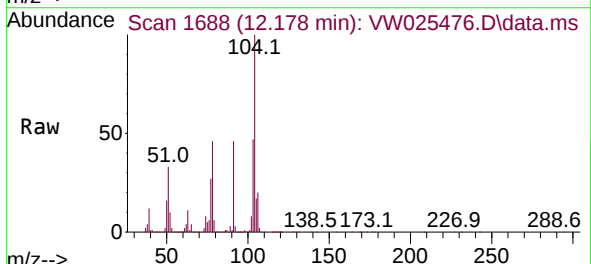
Instrument :
MSVOA_W
ClientSampleId :

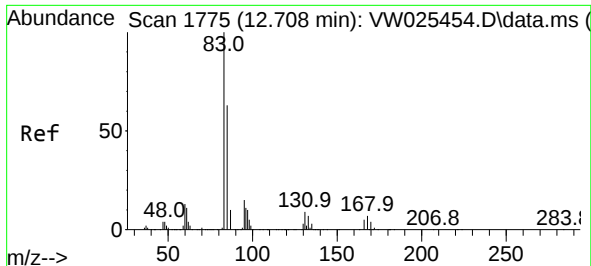
Tgt Ion:106 Resp: 448348
Ion Ratio Lower Upper
106 100
91 221.0 154.6 287.2



#55
Styrene
Concen: 29.092 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion:104 Resp: 772822
Ion Ratio Lower Upper
104 100
78 45.6 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.853 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

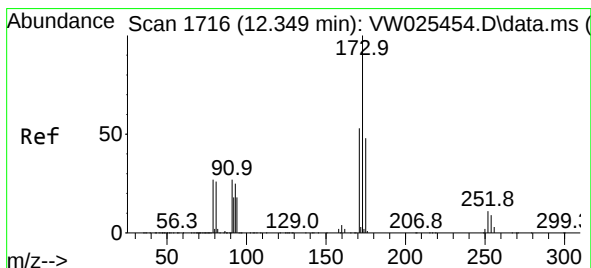
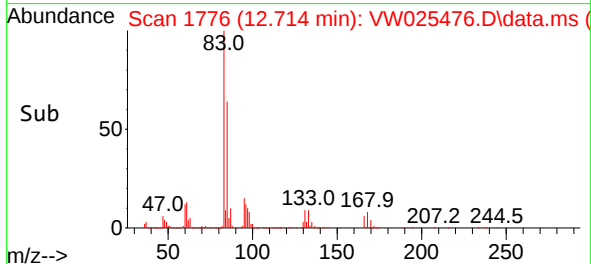
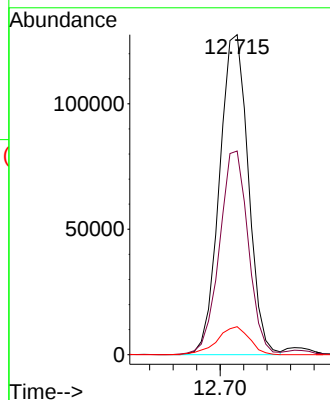
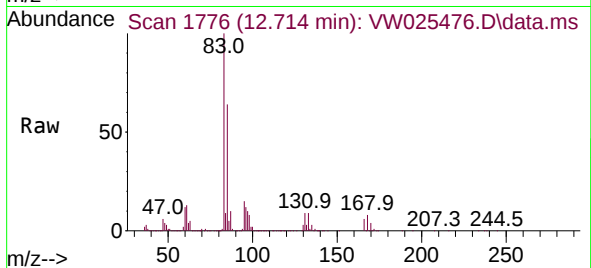
Tgt Ion: 83 Resp: 217521

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.2

131 8.7 8.0 12.0



#59

Bromoform

Concen: 23.424 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

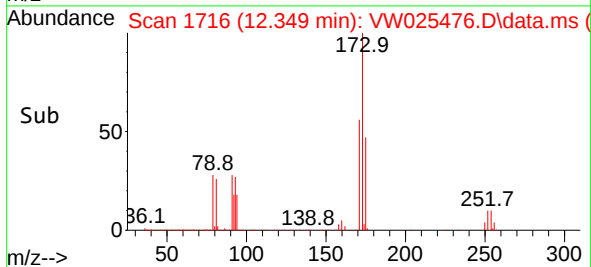
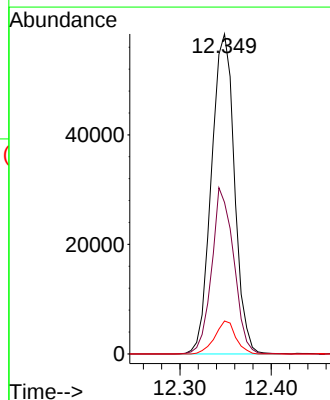
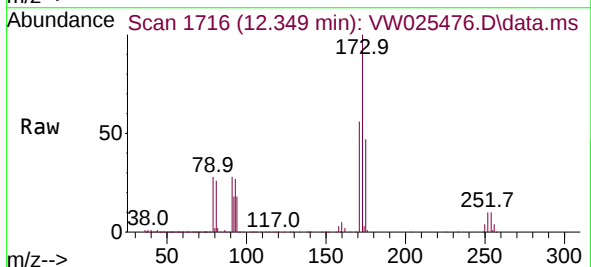
Tgt Ion:173 Resp: 102247

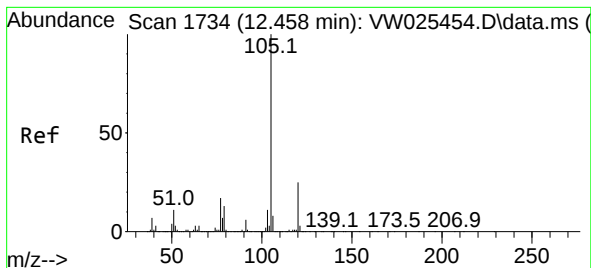
Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

254 9.4 7.9 11.9





#60

Isopropylbenzene

Concen: 28.412 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

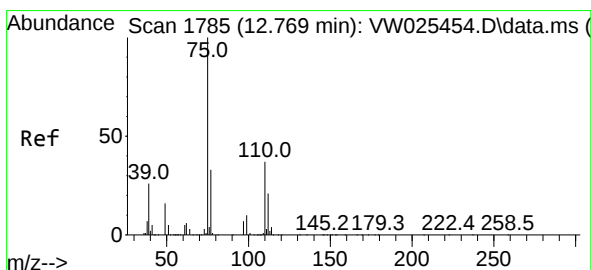
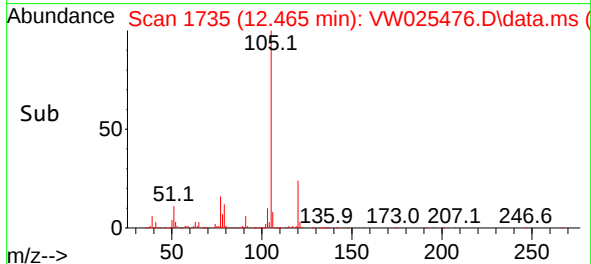
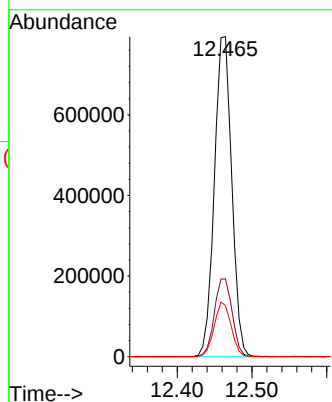
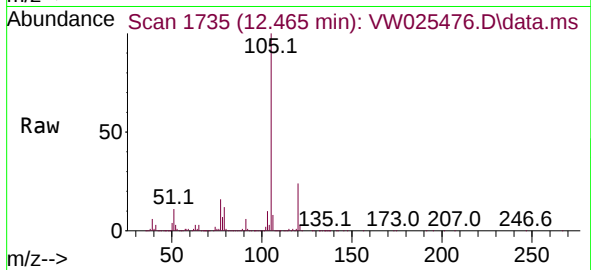
Tgt Ion:105 Resp: 1281409

Ion Ratio Lower Upper

105 100

120 25.0 20.9 31.3

77 16.6 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 23.643 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

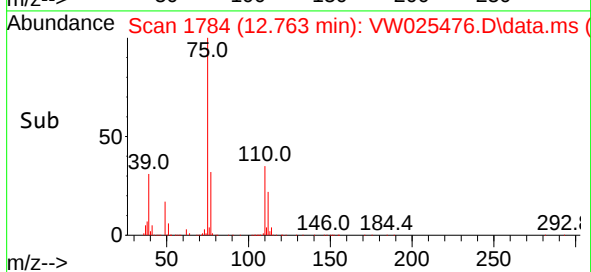
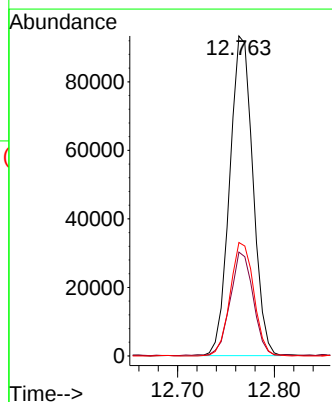
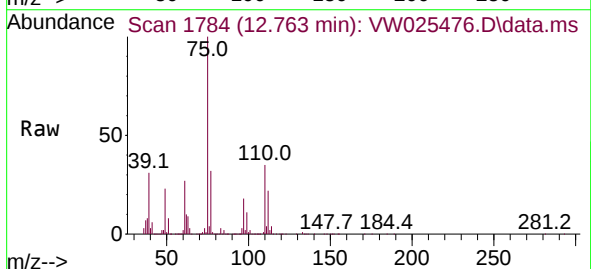
Tgt Ion: 75 Resp: 155851

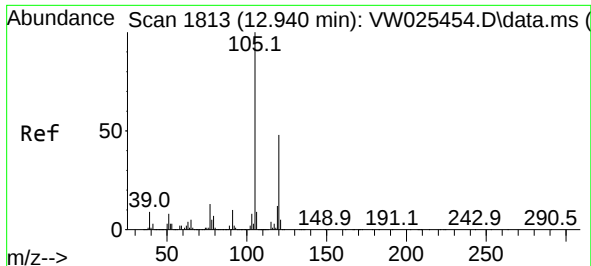
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

110 36.0 28.9 43.3





#62

1,3,5-Trimethylbenzene

Concen: 29.269 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

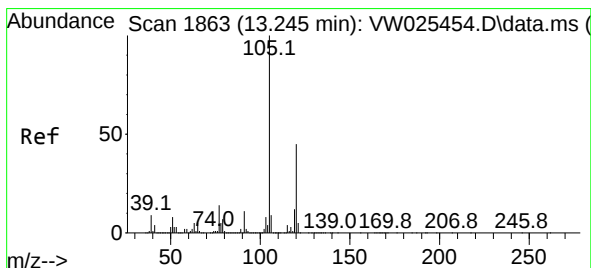
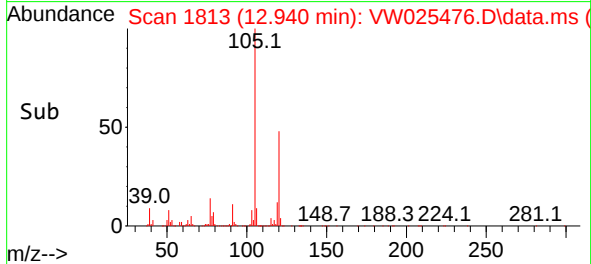
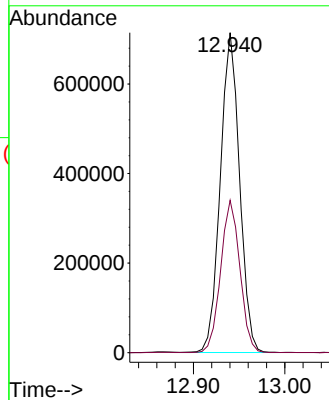
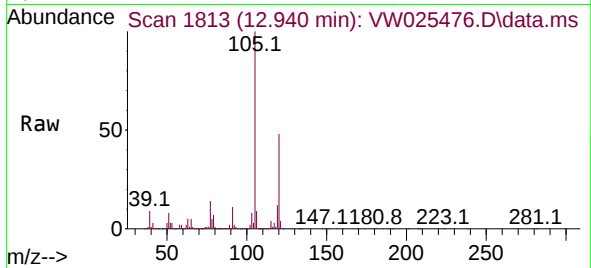
ClientSampleId :

Tgt Ion:105 Resp: 1045486

Ion Ratio Lower Upper

105 100

120 47.6 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 28.708 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025476.D

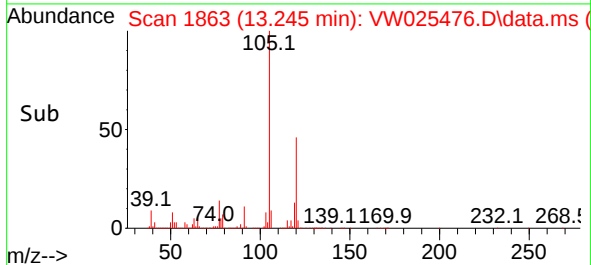
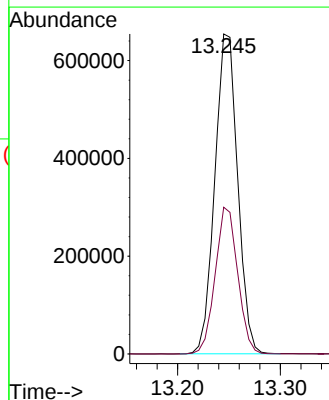
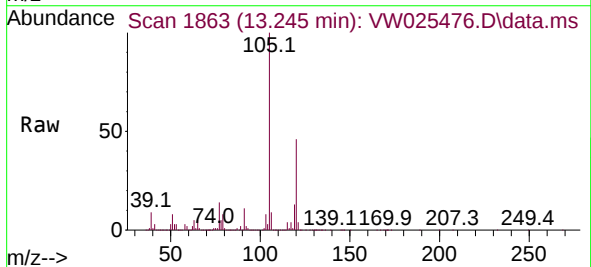
Acq: 22 Mar 2023 09:14

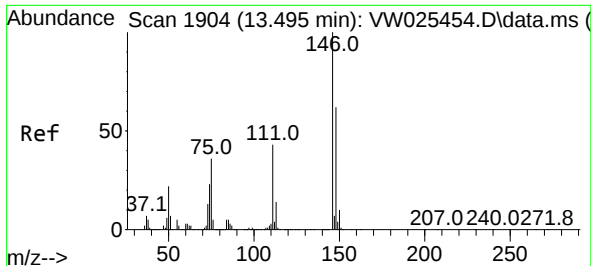
Tgt Ion:105 Resp: 1010221

Ion Ratio Lower Upper

105 100

120 45.2 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 26.998 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

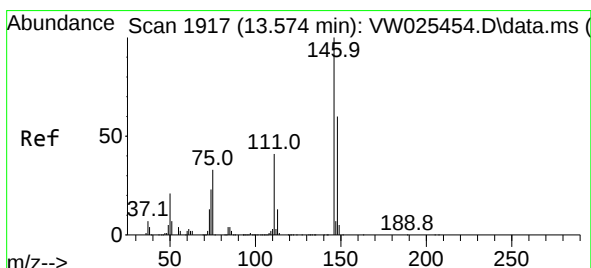
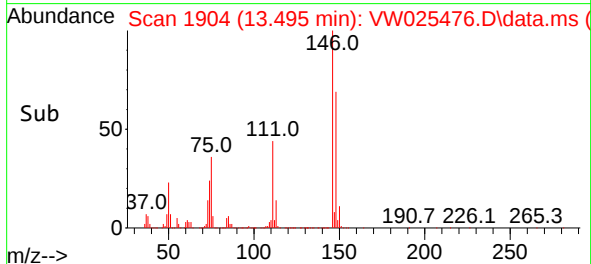
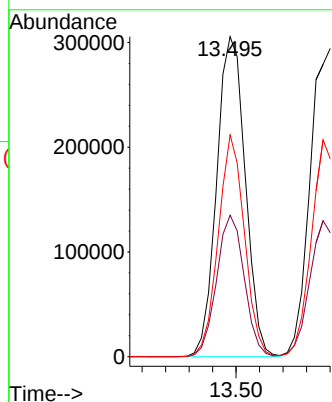
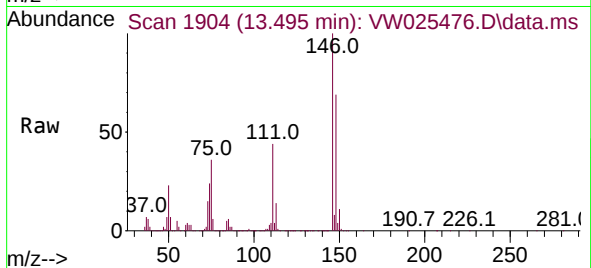
Tgt Ion:146 Resp: 515956

Ion Ratio Lower Upper

146 100

111 44.2 29.7 55.1

148 69.3 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 26.078 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

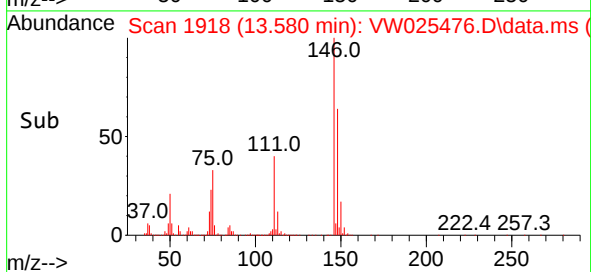
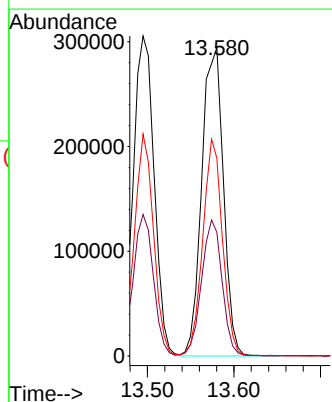
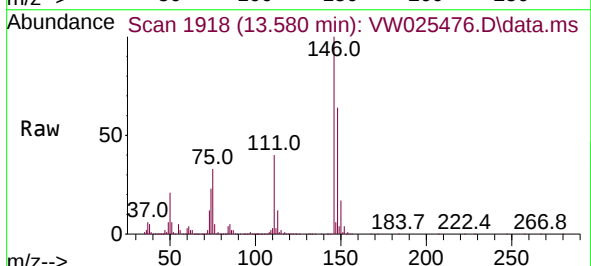
Tgt Ion:146 Resp: 511222

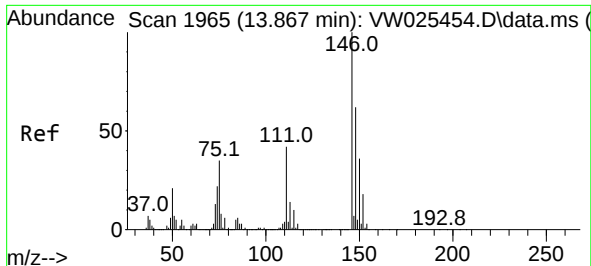
Ion Ratio Lower Upper

146 100

111 40.1 28.2 52.4

148 64.2 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 26.018 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

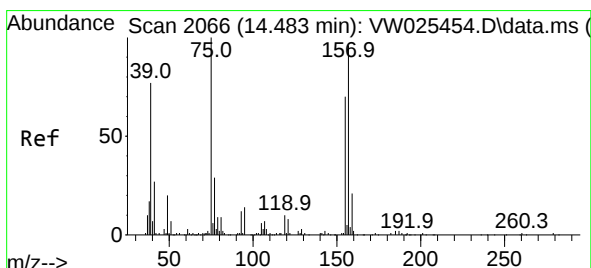
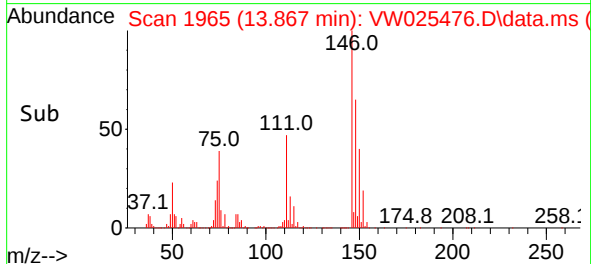
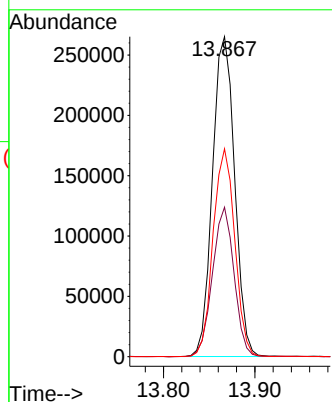
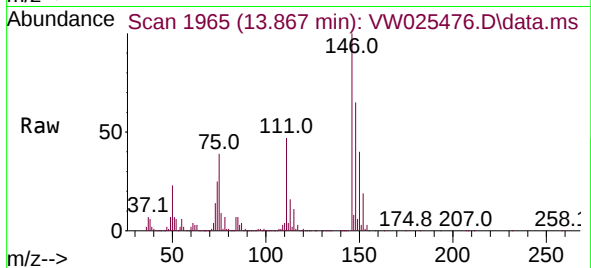
Tgt Ion:146 Resp: 445963

Ion Ratio Lower Upper

146 100

111 46.7 36.6 54.8

148 65.0 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.846 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

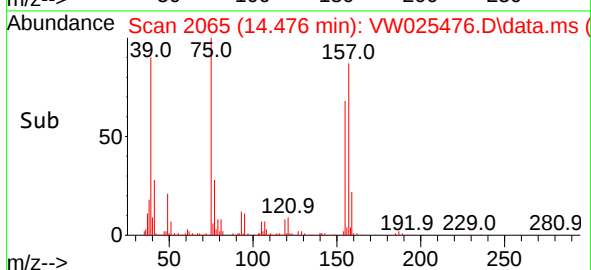
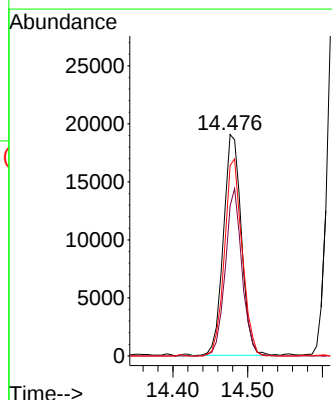
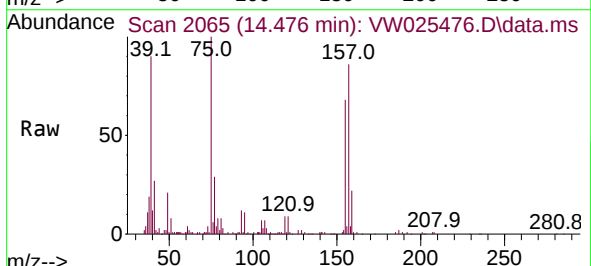
Tgt Ion: 75 Resp: 31812

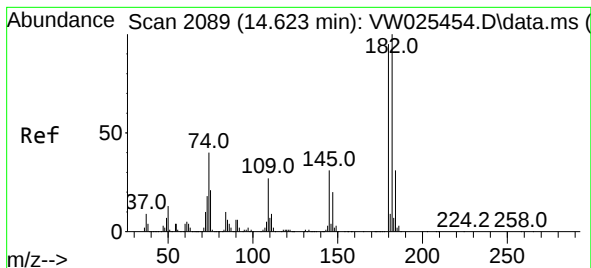
Ion Ratio Lower Upper

75 100

155 67.7 55.4 83.0

157 86.0 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 27.266 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 354216

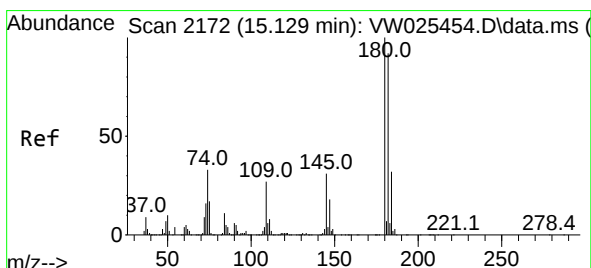
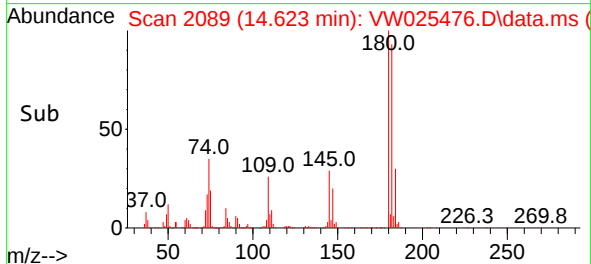
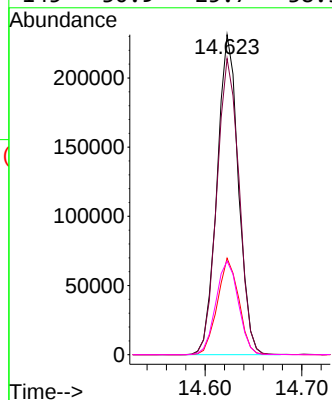
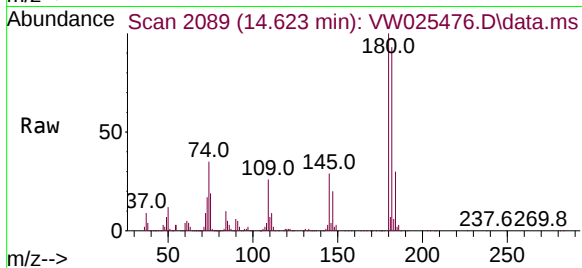
Ion Ratio Lower Upper

180 100

182 96.0 77.1 115.7

184 30.1 24.7 37.1

145 30.9 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.798 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025476.D

Acq: 22 Mar 2023 09:14

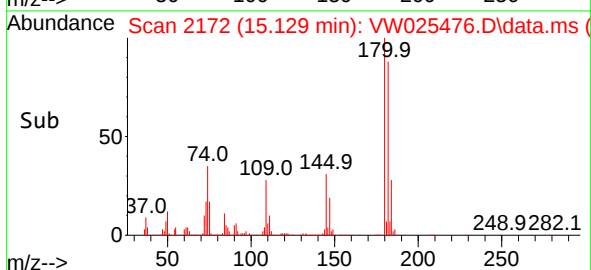
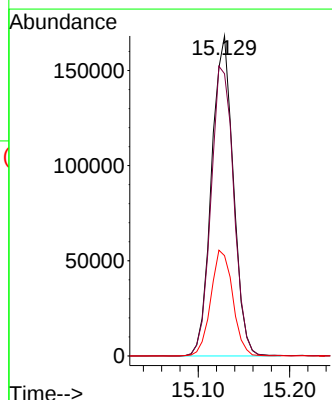
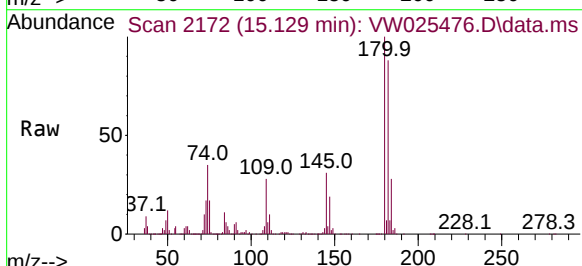
Tgt Ion:180 Resp: 277884

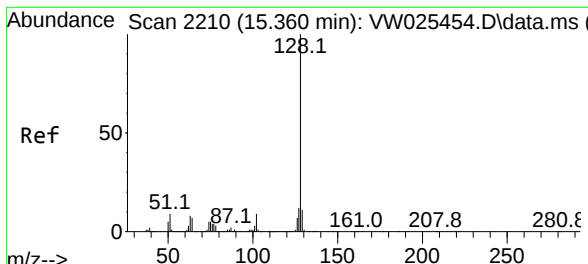
Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

145 33.3 25.2 37.8

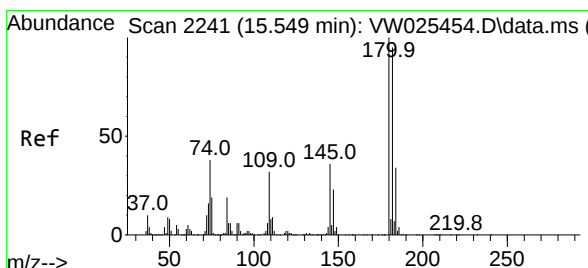
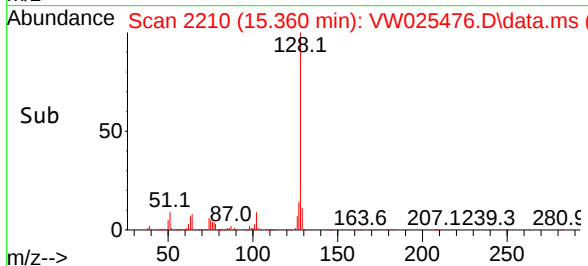
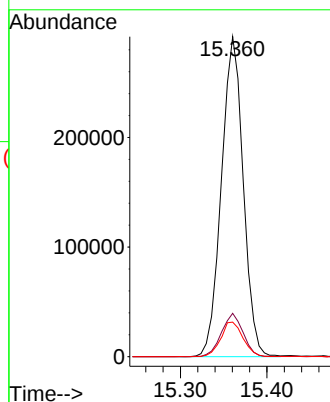
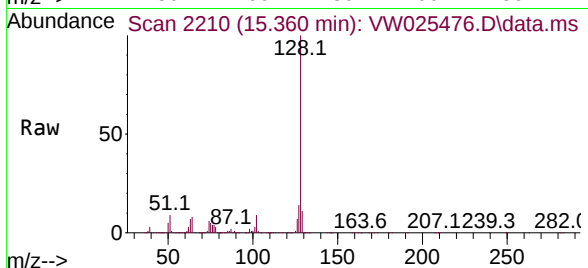




#71
Naphthalene
Concen: 24.029 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	510907
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.1	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.203 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025476.D
Acq: 22 Mar 2023 09:14

Tgt Ion:	180	Resp:	243834
Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.6	114.8
145	33.8	27.7	41.5

