

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028451.D
 Acq On : 16 Apr 2024 14:49
 Operator : SY/MD
 Sample : P2144-12MSD
 Misc : 5.24g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07Z0MSD

Quant Time: Apr 17 05:37:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 17 05:34:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	484346	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	423236	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	195162	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	163561	21.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.240%
7) Chloroethane-d5	2.899	69	133379	22.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
11) 1,1-Dichloroethene-d2	4.021	65	71922	21.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.480%
21) 2-Butanone-d5	7.075	46	78969	54.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.700%
24) Chloroform-d	7.648	84	310789	24.590	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	8.306	65	166696	25.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.276	84	590624	25.545	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.276	67	177635	25.847	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.400%
41) Toluene-d8	10.318	98	535979	25.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.960%
43) trans-1,3-Dichloroprop...	10.574	79	72679	26.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.400%
47) 2-Hexanone-d5	10.922	63	55298	58.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130850	26.985	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	154277	24.996	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	165831	25.456	ug/L	98
3) Chloromethane	2.222	50	186616	24.399	ug/L	98
5) Vinyl chloride	2.375	62	215860	23.699	ug/L	99
6) Bromomethane	2.789	94	130108	22.863	ug/L	99
8) Chloroethane	2.936	64	130173	23.708	ug/L	97
9) Trichlorofluoromethane	3.271	101	187774	25.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	163597	23.932	ug/L	96
12) 1,1-Dichloroethene	4.045	96	158513	24.696	ug/L	92
13) Acetone	4.118	43	107334	60.162	ug/L	95
14) Carbon disulfide	4.386	76	485659	22.982	ug/L	100
15) Methyl Acetate	4.667	43	70357	24.509	ug/L	99
16) Methylene chloride	4.923	84	159056	21.702	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	164760	24.368	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	249219	26.203	ug/L	99
19) 1,1-Dichloroethane	6.222	63	325660	24.721	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	179025	24.948	ug/L	97
22) 2-Butanone	7.166	43	114195	52.743	ug/L	98
23) Bromochloromethane	7.514	128	73081	23.644	ug/L	88
25) Chloroform	7.679	83	320439	24.762	ug/L	95

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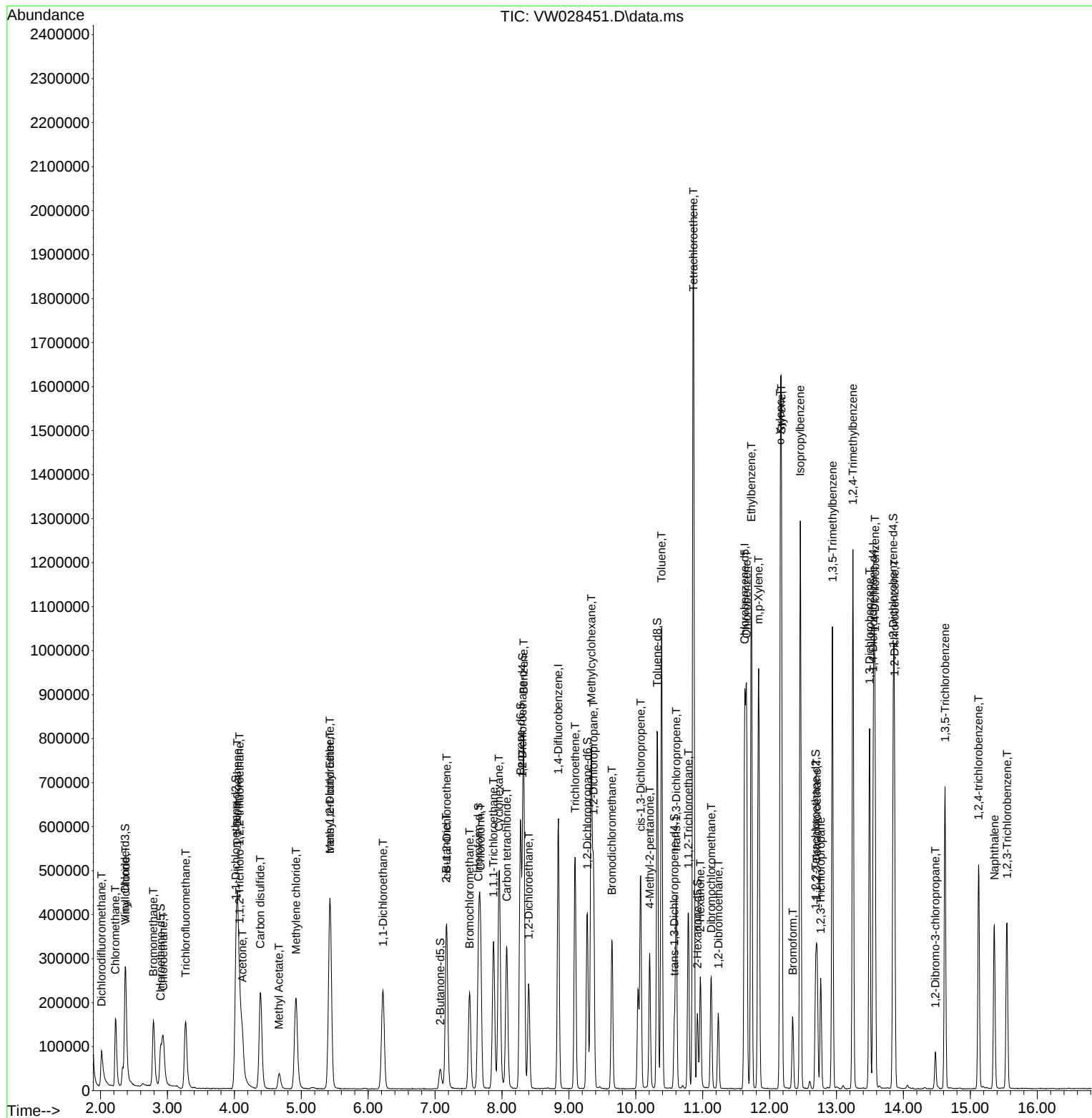
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	215257	24.101	ug/L	99
29) Cyclohexane	7.953	56	292738	26.185	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	266277	25.941	ug/L	99
31) Carbon tetrachloride	8.069	117	239286	26.289	ug/L	99
33) Benzene	8.325	78	677465	25.601	ug/L	100
34) Trichloroethene	9.093	95	181488	25.308	ug/L	99
35) Methylcyclohexane	9.337	83	291740	23.840	ug/L	99
37) 1,2-Dichloropropane	9.367	63	175666	25.470	ug/L	99
38) Bromodichloromethane	9.642	83	223473	26.141	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	278118	27.498	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	198933	57.618	ug/L	98
42) Toluene	10.385	91	710611	25.348	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	222225	27.160	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	117663	25.216	ug/L	95
46) Tetrachloroethene	10.861	164	422619	78.897	ug/L	82
48) 2-Hexanone	10.965	43	160914	58.716	ug/L	96
49) Dibromochloromethane	11.129	129	128114	25.688	ug/L	96
50) 1,2-Dibromoethane	11.233	107	110533	25.954	ug/L	92
51) Chlorobenzene	11.653	112	431987	24.791	ug/L	97
52) Ethylbenzene	11.727	91	810790	25.514	ug/L	99
53) m,p-Xylene	11.836	106	295450	25.000	ug/L	94
54) o-Xylene	12.159	106	283794	25.791	ug/L	96
55) Styrene	12.178	104	482605	25.769	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	136328	25.817	ug/L	97
59) Bromoform	12.348	173	71274	27.667	ug/L	99
60) Isopropylbenzene	12.458	105	792441	27.084	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	96889	27.154	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	521817	27.982	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	613908	27.355	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	311759	25.112	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	307832	24.376	ug/L	90
67) 1,2-Dichlorobenzene	13.866	146	267400	24.487	ug/L	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	20906	25.569	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	193239	22.620	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	145603	21.825	ug/L	89
71) Naphthalene	15.360	128	308014	26.088	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	120062	20.281	ug/L	97

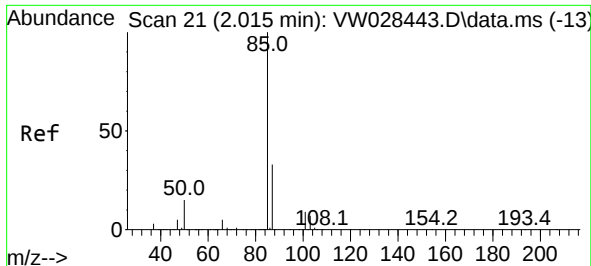
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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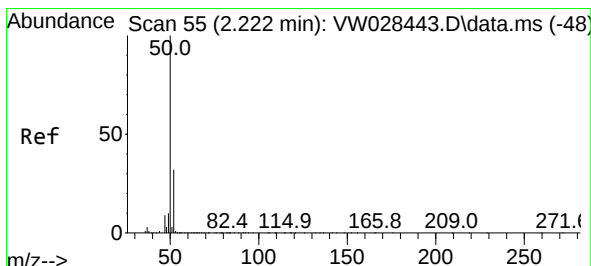
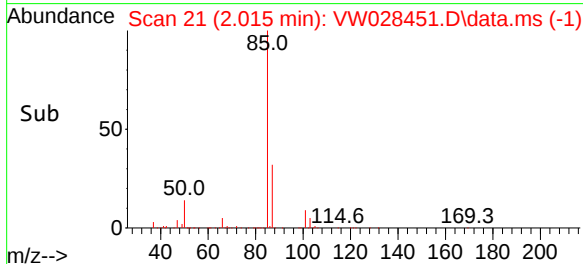
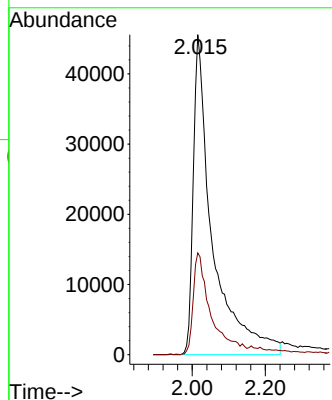
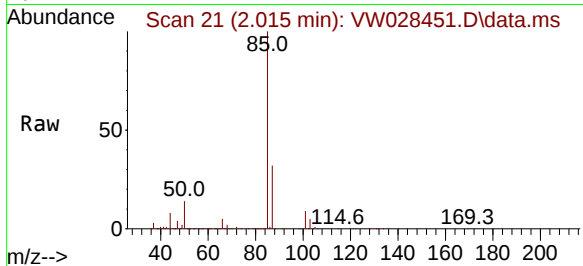




#2
Dichlorodifluoromethane
Concen: 25.456 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

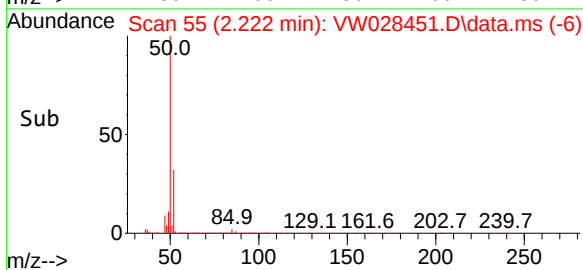
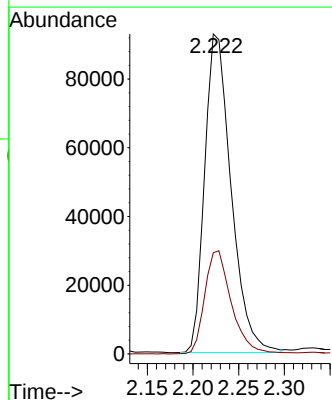
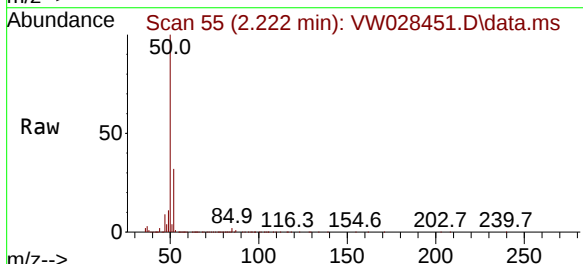
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MSVOA_W
ClientSampleId :
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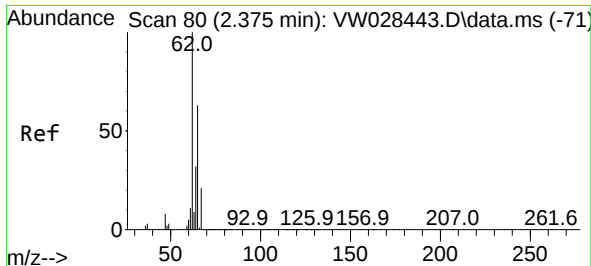
Tgt Ion: 85 Resp: 165831
Ion Ratio Lower Upper
85 100
87 27.9 23.4 35.0



#3
Chloromethane
Concen: 24.399 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 50 Resp: 186616
Ion Ratio Lower Upper
50 100
52 31.7 23.0 42.6

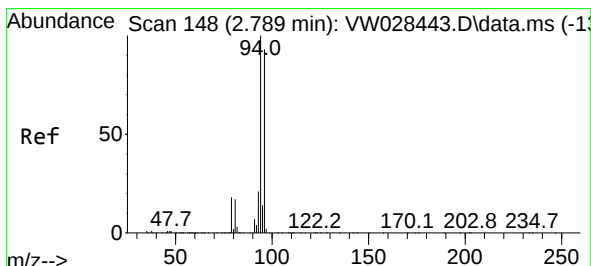
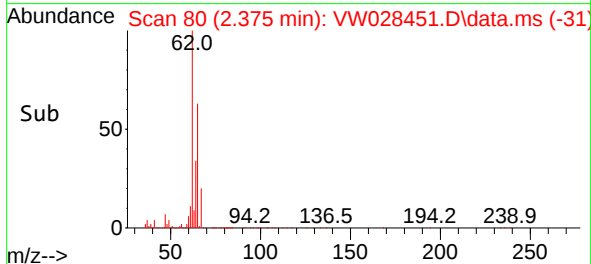
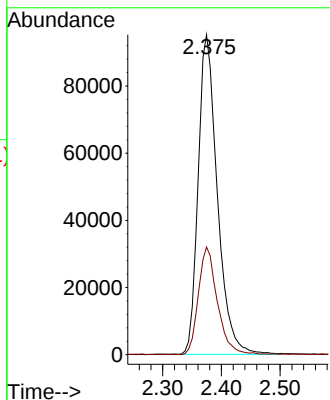
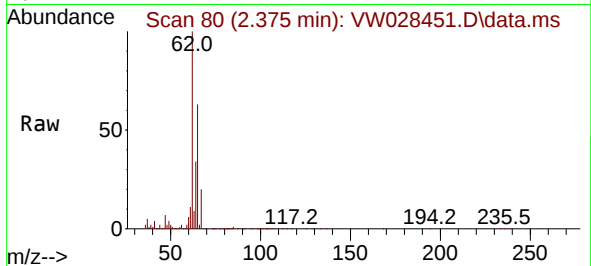




#5
 Vinyl chloride
 Concen: 23.699 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028451.D
 Acq: 16 Apr 2024 14:49

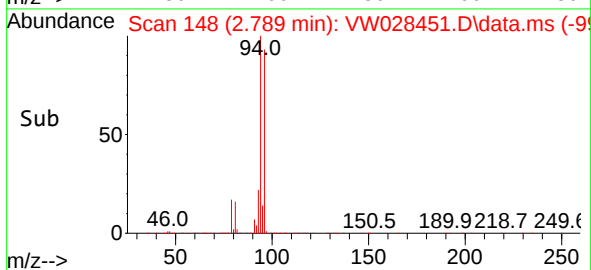
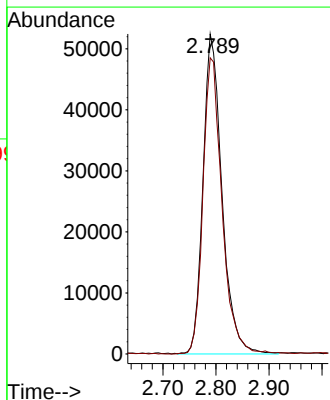
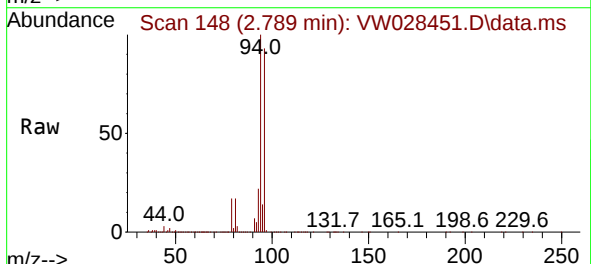
Instrument :
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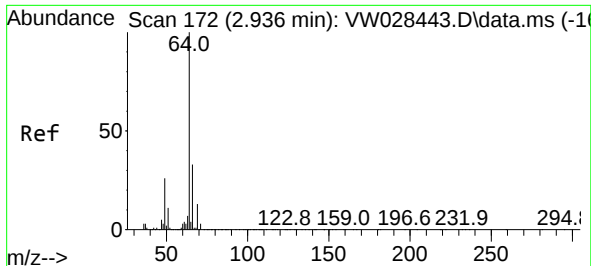
Tgt Ion: 62 Resp: 215860
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 22.863 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028451.D
 Acq: 16 Apr 2024 14:49

Tgt Ion: 94 Resp: 130108
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.3 119.5

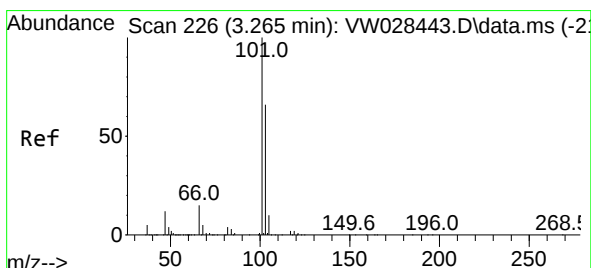
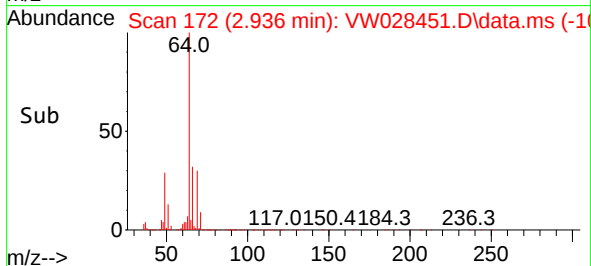
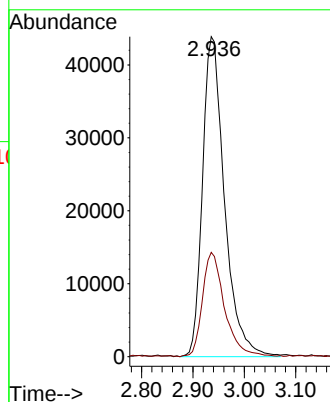
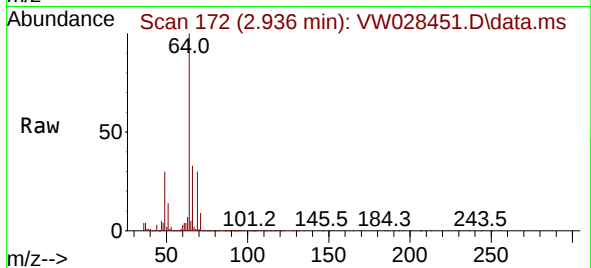




#8
Chloroethane
Concen: 23.708 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

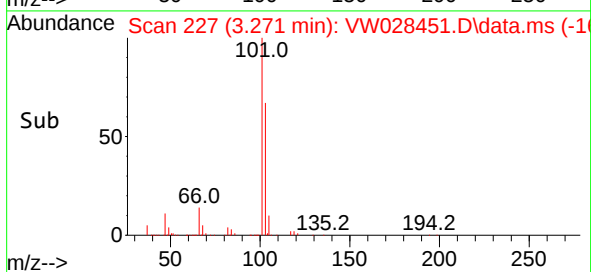
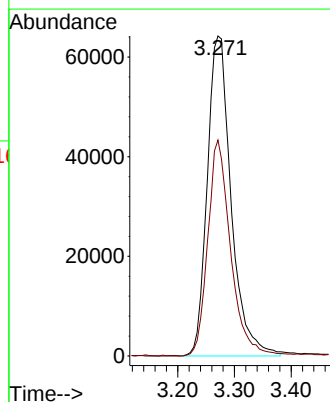
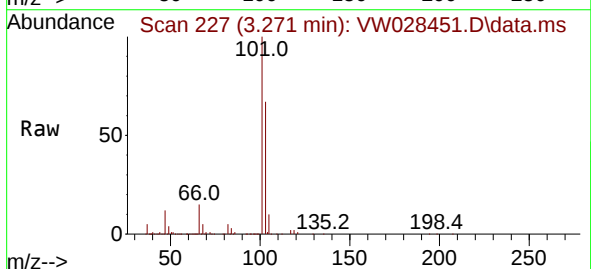
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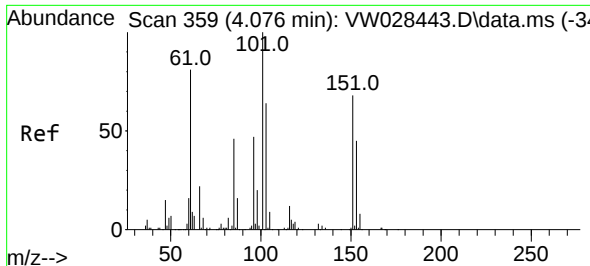
Tgt Ion: 64 Resp: 130173
Ion Ratio Lower Upper
64 100
66 32.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.842 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 101 Resp: 187774
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

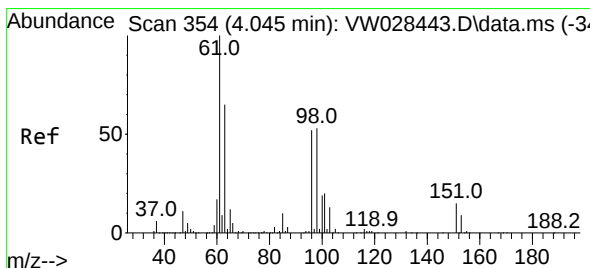
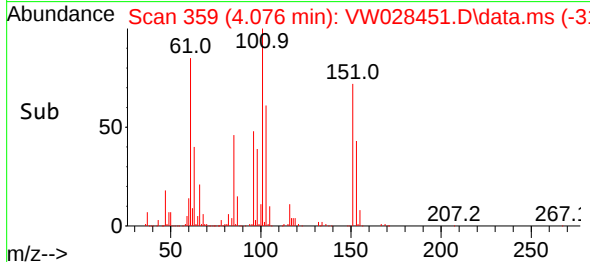
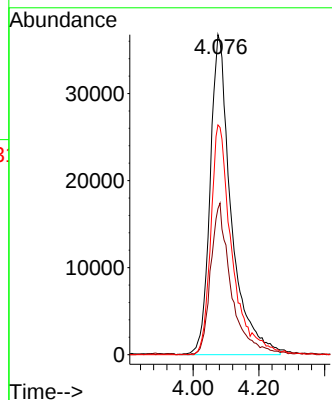
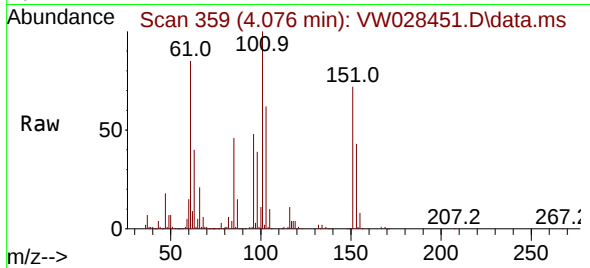




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.932 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW028451.D
 Acq: 16 Apr 2024 14:49

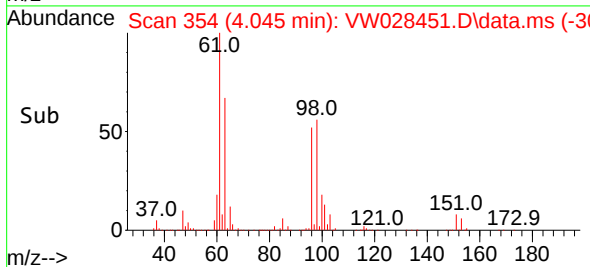
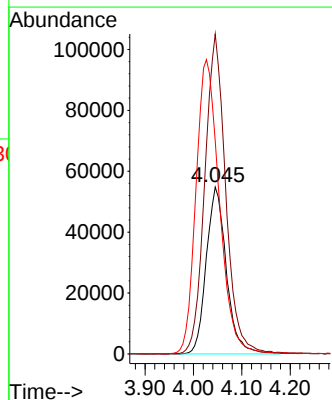
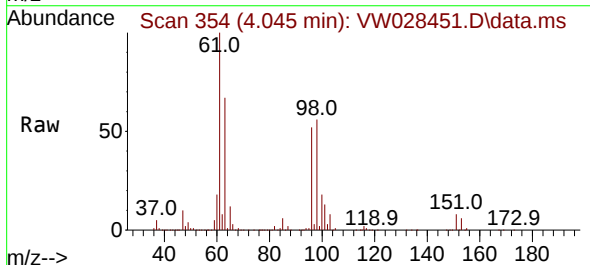
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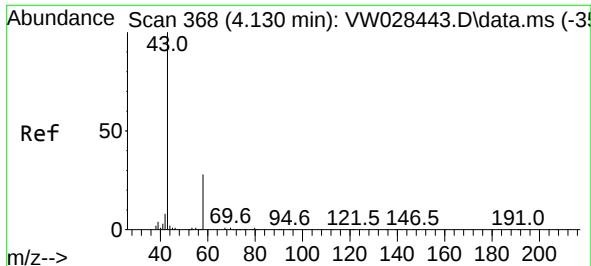
Tgt Ion:101 Resp: 163597
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.5 51.7
 151 67.4 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 24.696 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028451.D
 Acq: 16 Apr 2024 14:49

Tgt Ion: 96 Resp: 158513
 Ion Ratio Lower Upper
 96 100
 61 191.7 130.5 242.5
 63 127.5 101.5 188.5

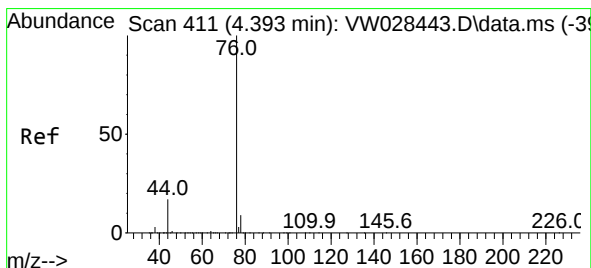
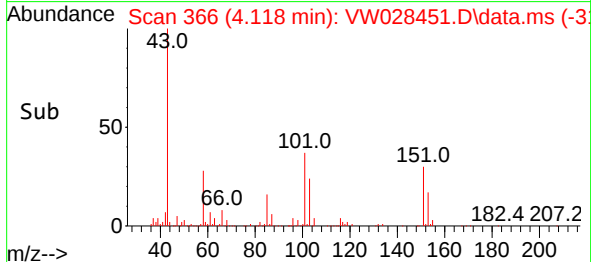
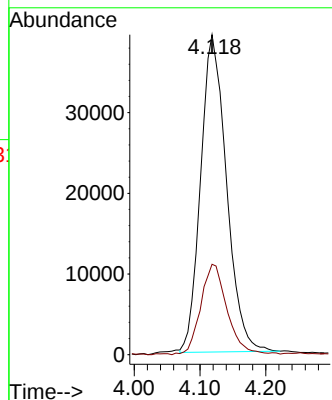
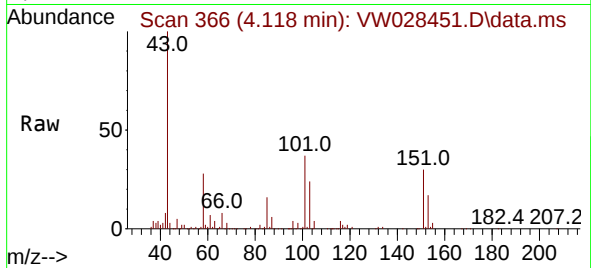




#13
Acetone
Concen: 60.162 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW028451.D
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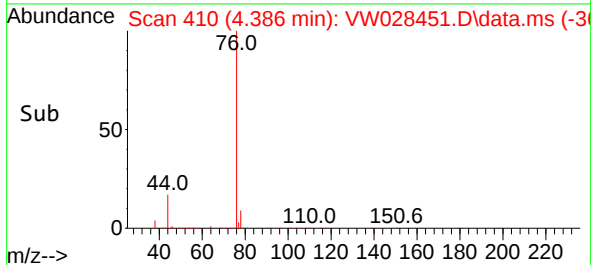
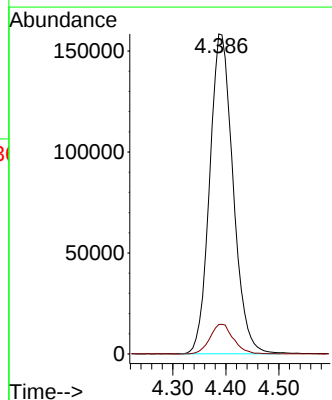
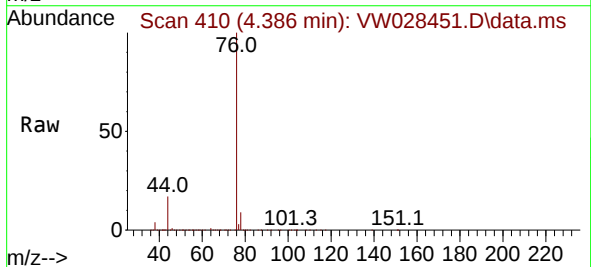
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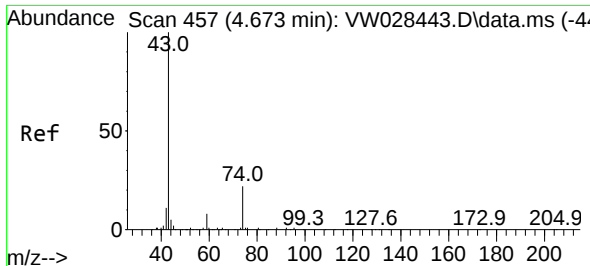
Tgt Ion: 43 Resp: 107334
Ion Ratio Lower Upper
43 100
58 29.0 0.0 53.4



#14
Carbon disulfide
Concen: 22.982 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 76 Resp: 485659
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

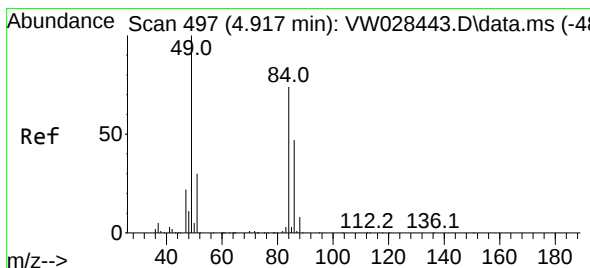
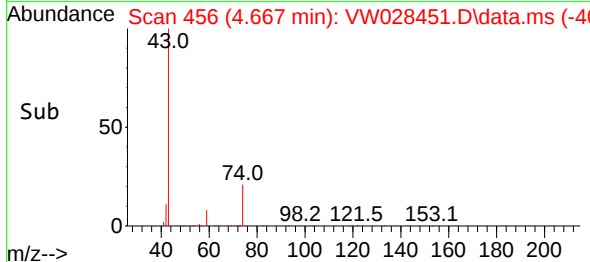
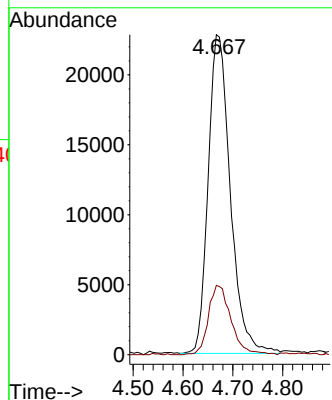
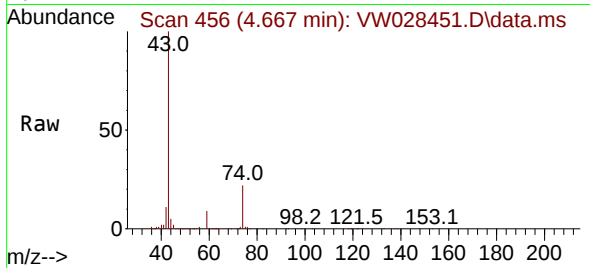




#15
Methyl Acetate
Concen: 24.509 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

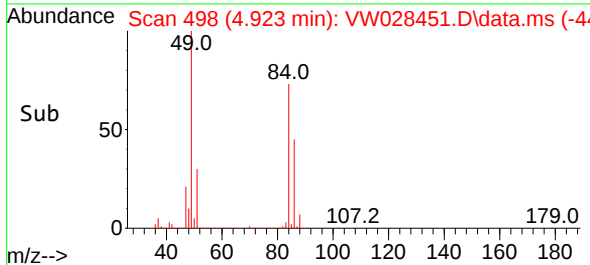
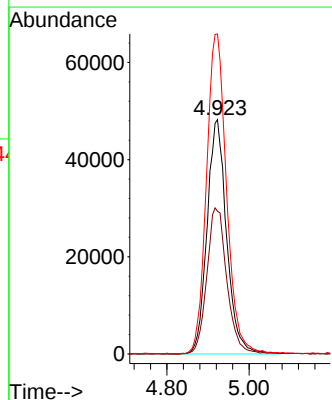
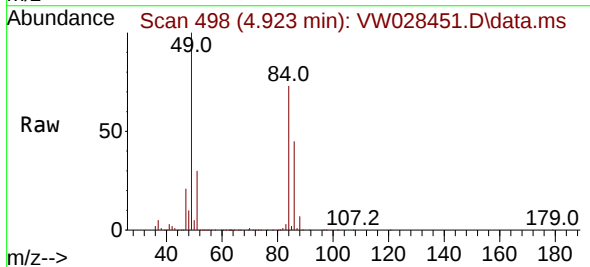
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

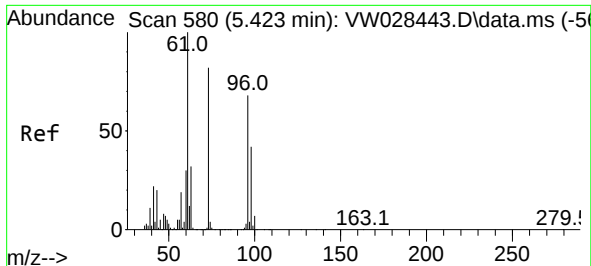
Tgt Ion: 43 Resp: 70357
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0



#16
Methylene chloride
Concen: 21.702 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 84 Resp: 159056
Ion Ratio Lower Upper
84 100
86 60.9 44.2 82.0
49 136.5 95.0 176.4

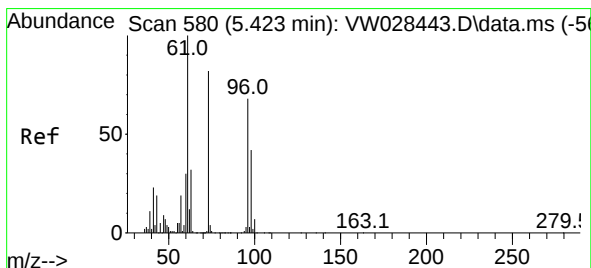
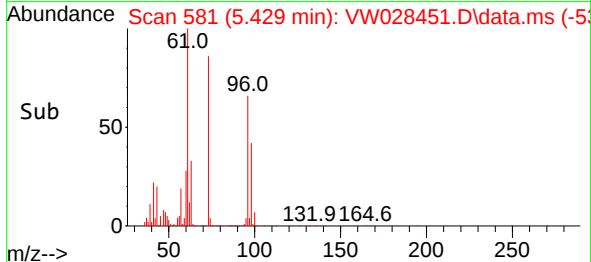
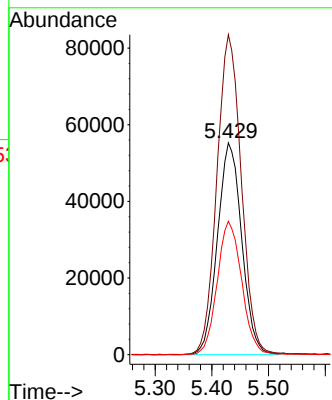
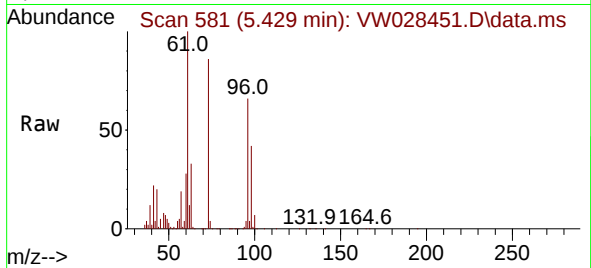




#17
trans-1,2-Dichloroethene
Concen: 24.368 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

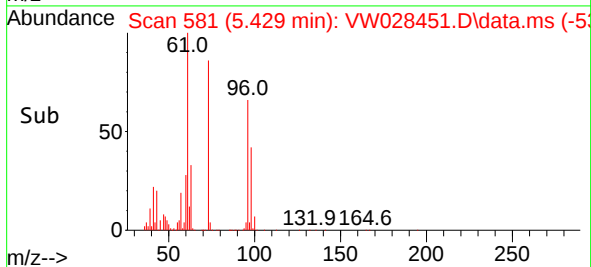
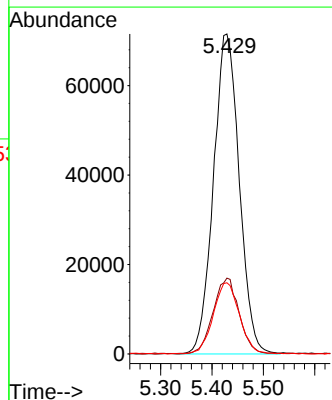
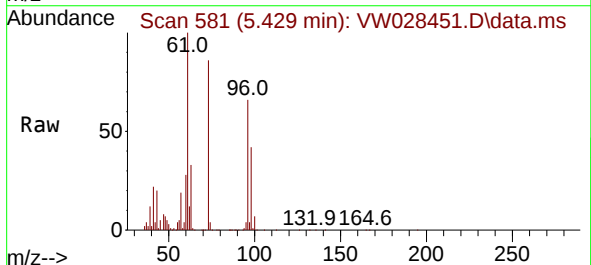
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

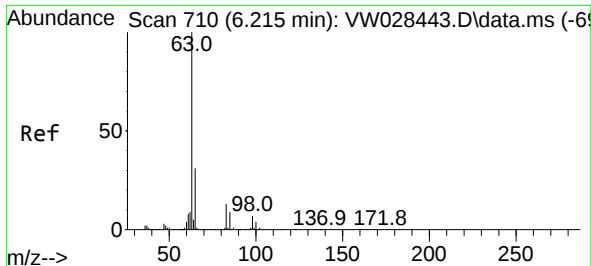
Tgt Ion: 96 Resp: 164760
Ion Ratio Lower Upper
96 100
61 151.1 108.4 201.4
98 63.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 26.203 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 73 Resp: 249219
Ion Ratio Lower Upper
73 100
43 23.3 18.5 27.7
57 22.4 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.721 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MSD

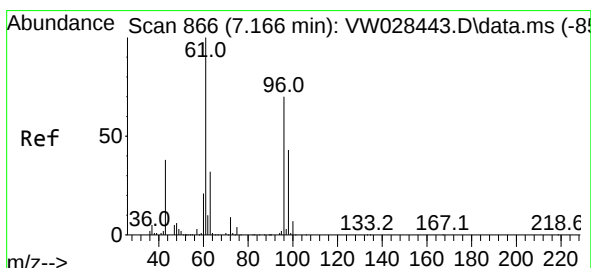
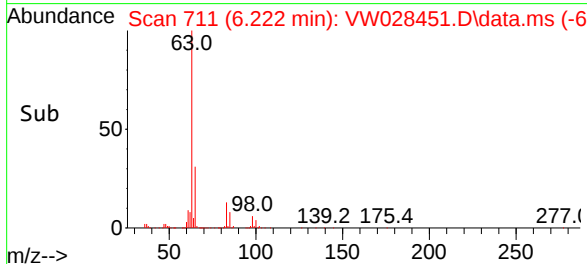
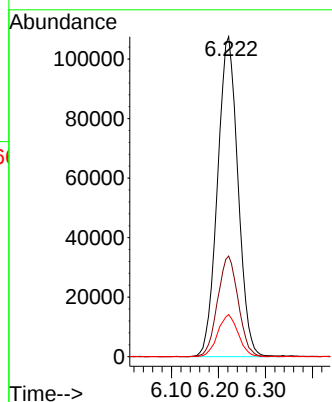
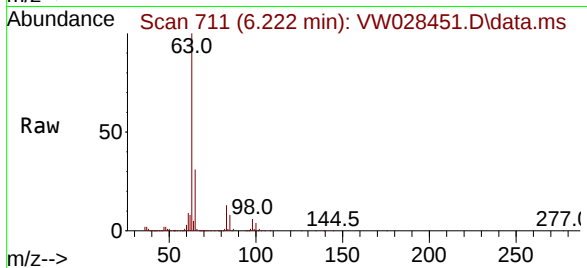
Tgt Ion: 63 Resp: 325660

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.4

83 13.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.948 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

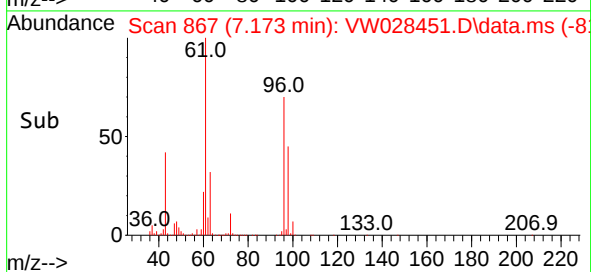
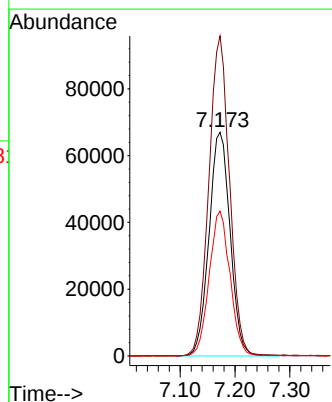
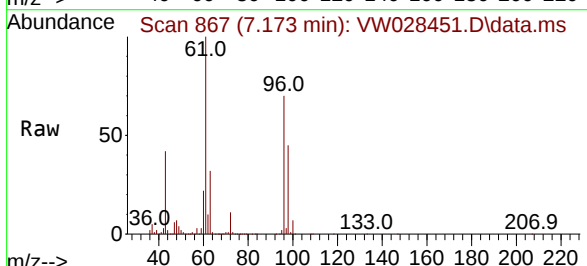
Tgt Ion: 96 Resp: 179025

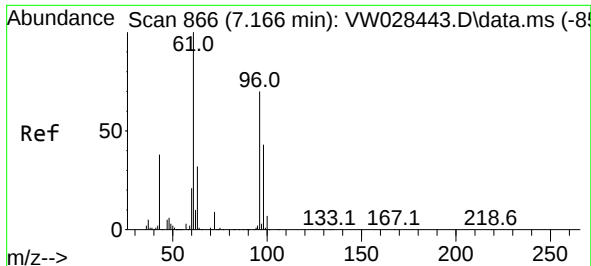
Ion Ratio Lower Upper

96 100

61 143.1 97.6 181.2

98 64.7 47.7 88.5

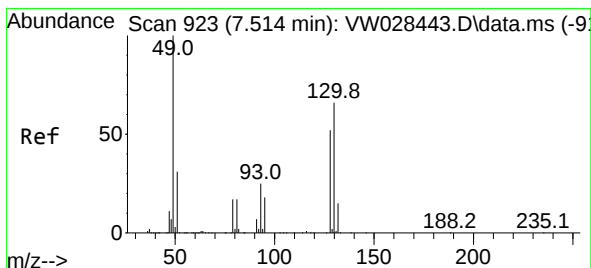
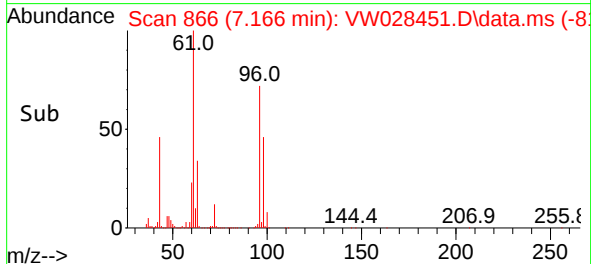
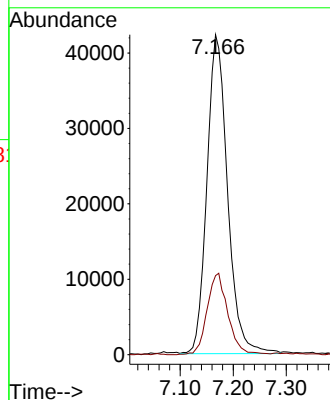
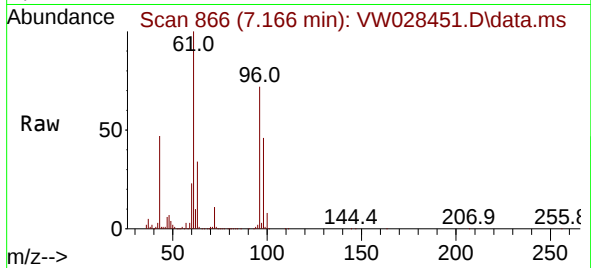




#22
2-Butanone
Concen: 52.743 ug/L
RT: 7.166 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

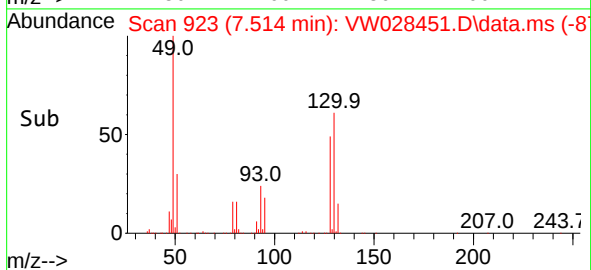
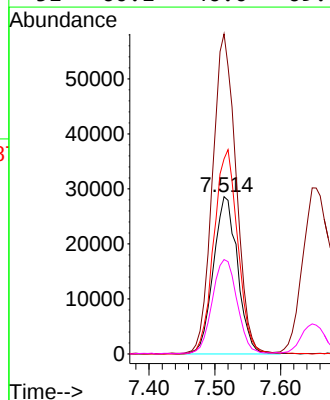
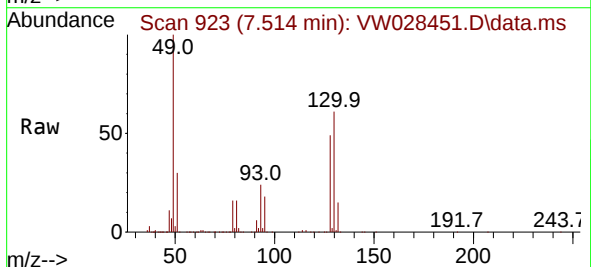
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

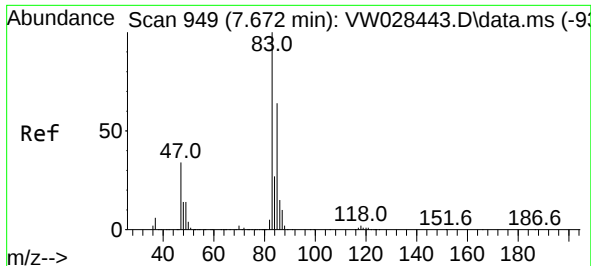
Tgt Ion: 43 Resp: 114195
Ion Ratio Lower Upper
43 100
72 24.8 12.8 38.4



#23
Bromochloromethane
Concen: 23.644 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 128 Resp: 73081
Ion Ratio Lower Upper
128 100
49 203.5 127.1 236.0
130 124.1 78.3 145.5
51 60.1 46.0 69.0

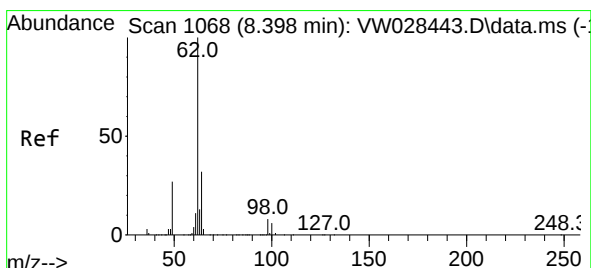
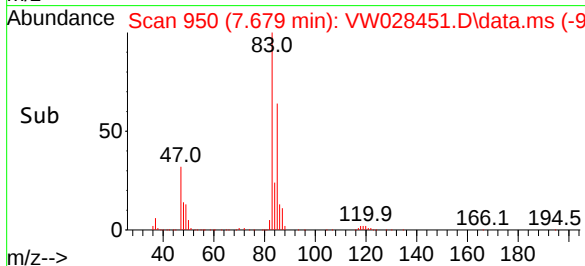
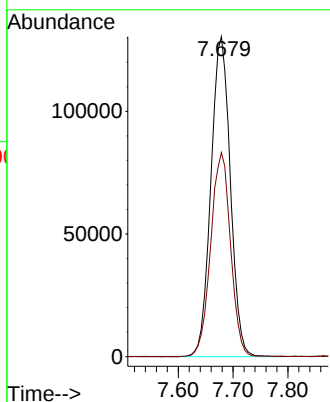
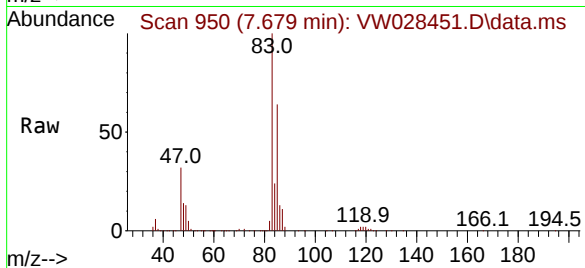




#25
Chloroform
Concen: 24.762 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

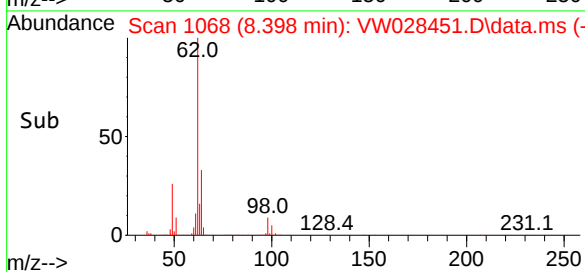
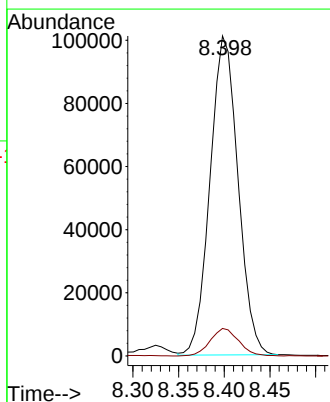
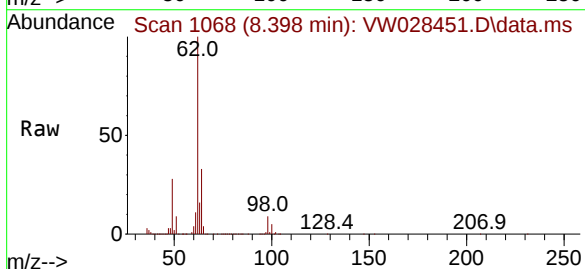
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

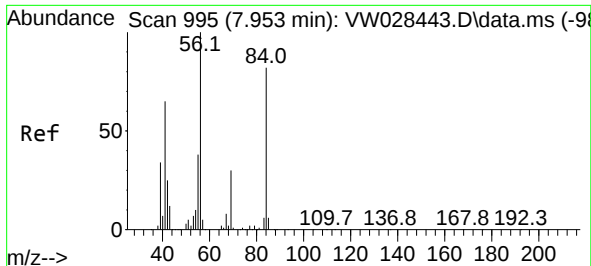
Tgt Ion: 83 Resp: 320439
Ion Ratio Lower Upper
83 100
85 63.8 47.7 88.7



#27
1,2-Dichloroethane
Concen: 24.101 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 62 Resp: 215257
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 26.185 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MSD

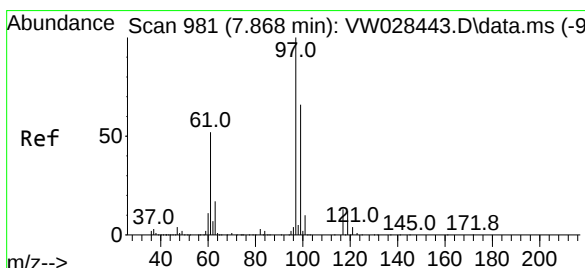
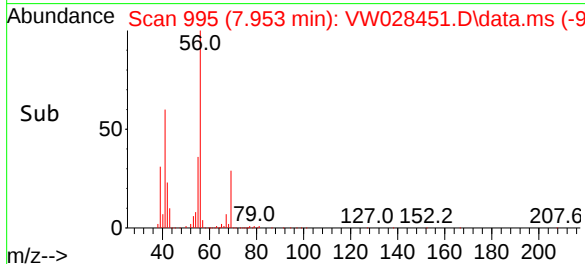
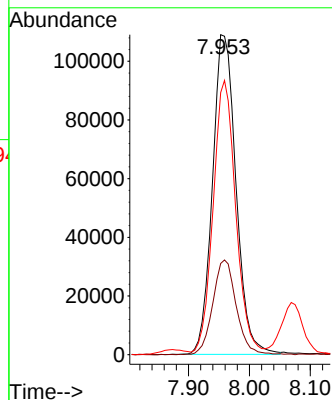
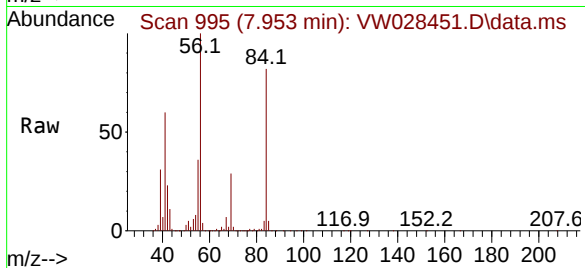
Tgt Ion: 56 Resp: 292738

Ion Ratio Lower Upper

56 100

69 29.4 23.8 35.6

84 82.6 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 25.941 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

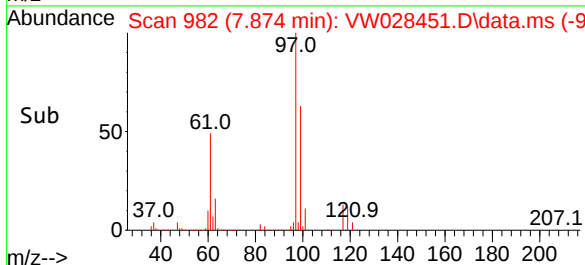
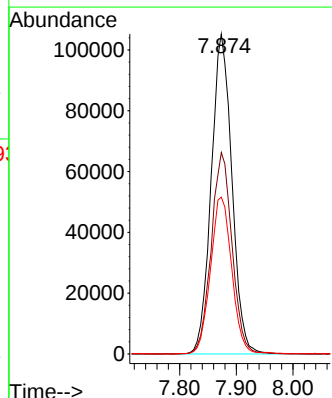
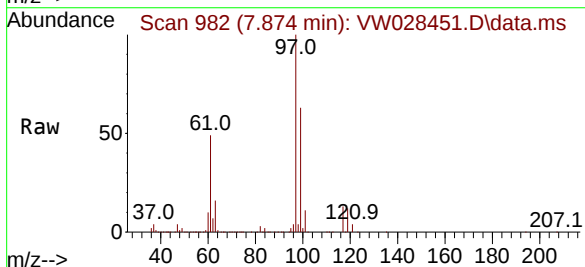
Tgt Ion: 97 Resp: 266277

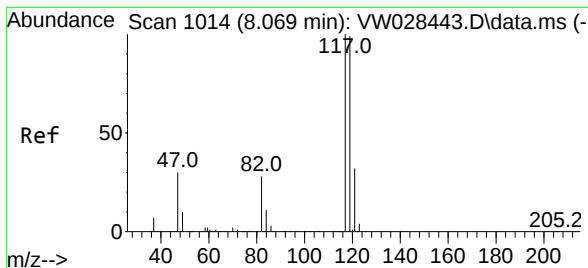
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.2

61 50.0 40.5 60.7

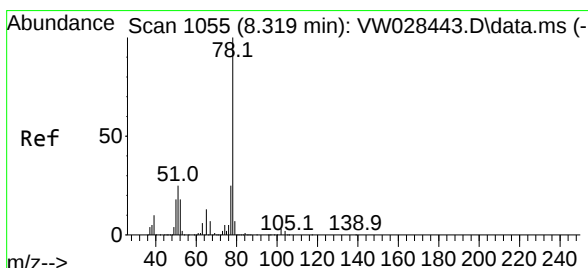
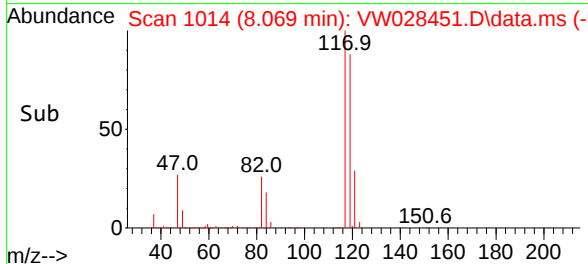
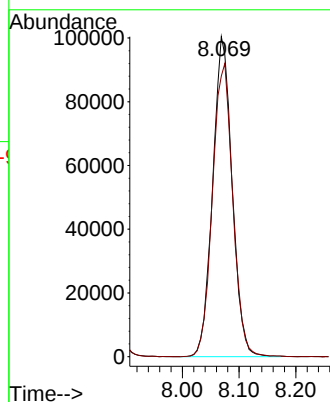
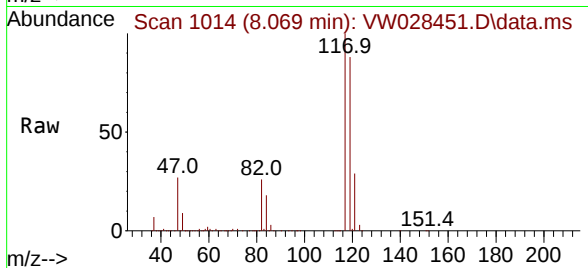




#31
Carbon tetrachloride
Concen: 26.289 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

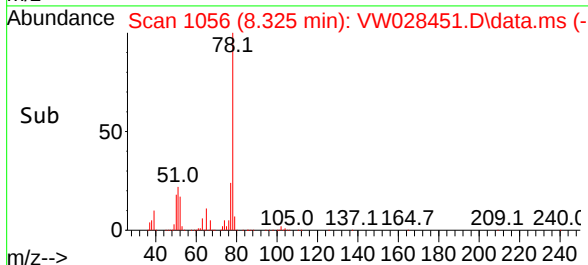
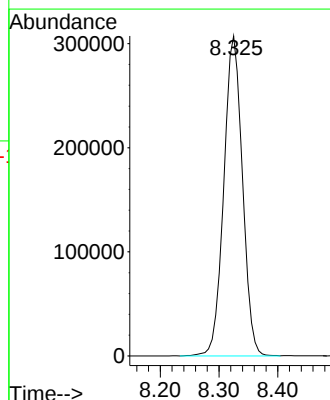
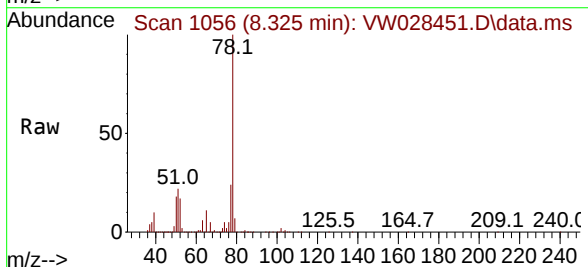
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

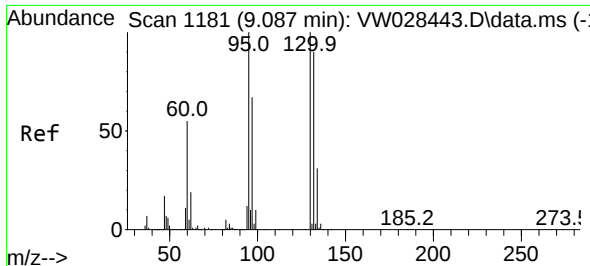
Tgt Ion:117 Resp: 239286
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2



#33
Benzene
Concen: 25.601 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 78 Resp: 677465



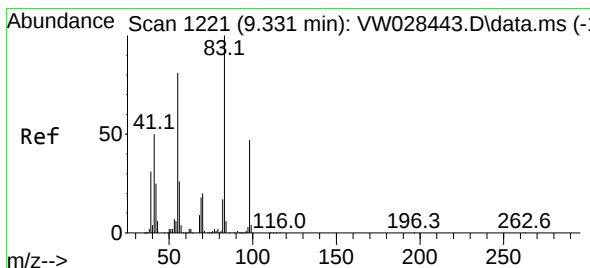
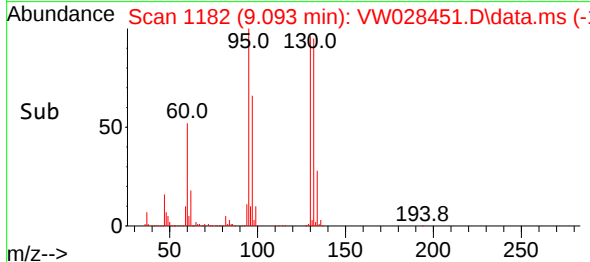
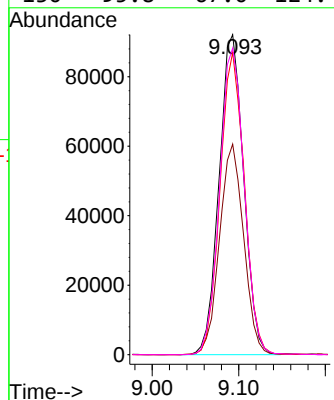
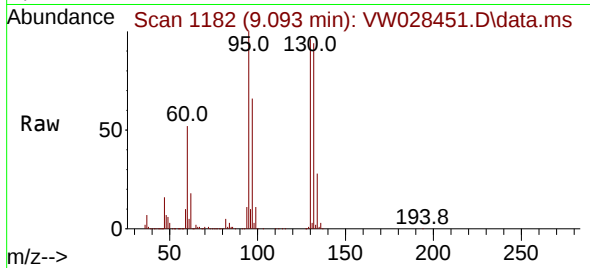


#34
Trichloroethene
Concen: 25.308 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

Tgt Ion: 95 Resp: 181488

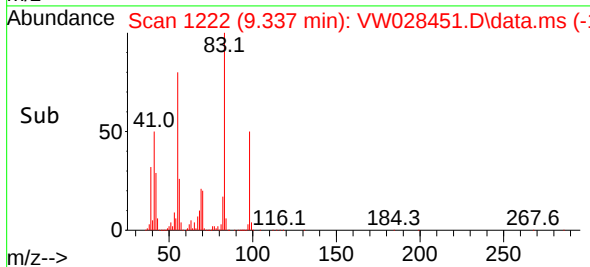
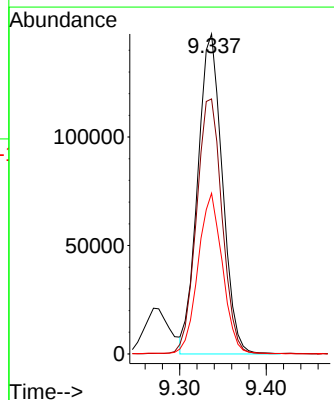
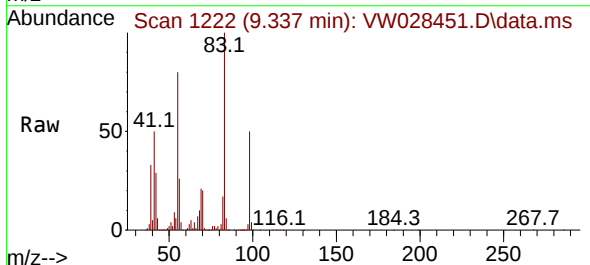
Ion	Ratio	Lower	Upper
95	100		
97	65.8	43.8	81.4
132	94.5	66.1	122.8
130	95.8	67.0	124.4

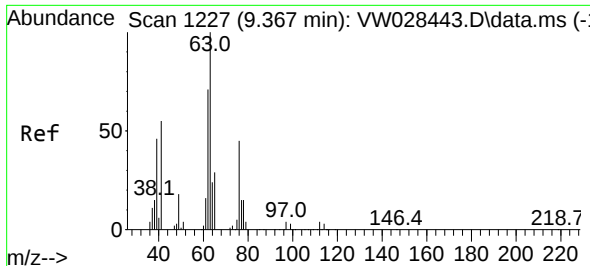


#35
Methylcyclohexane
Concen: 23.840 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 83 Resp: 291740

Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.7	98.5
98	49.5	38.6	58.0





#37

1,2-Dichloropropane

Concen: 25.470 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

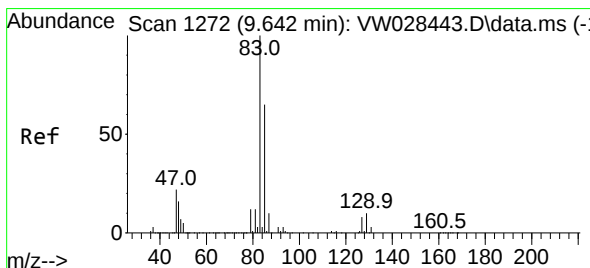
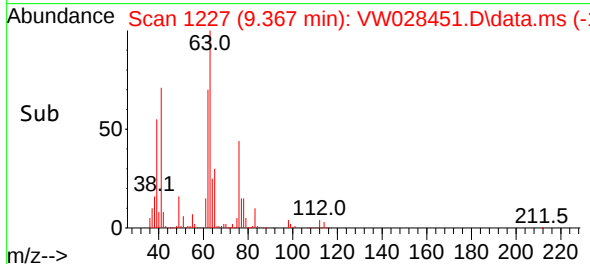
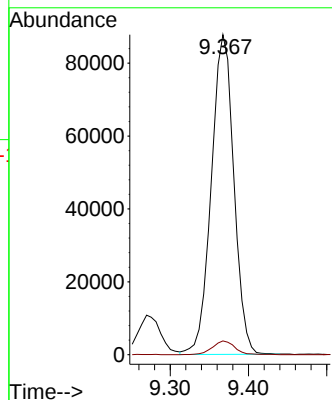
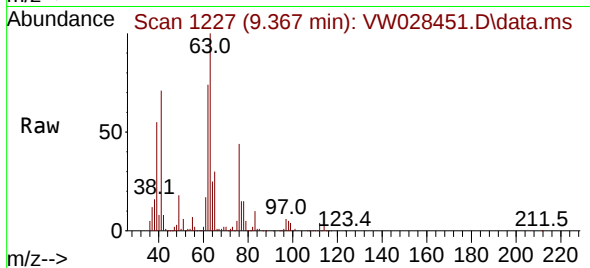
E07Z0MSD

Tgt Ion: 63 Resp: 175666

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 26.141 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

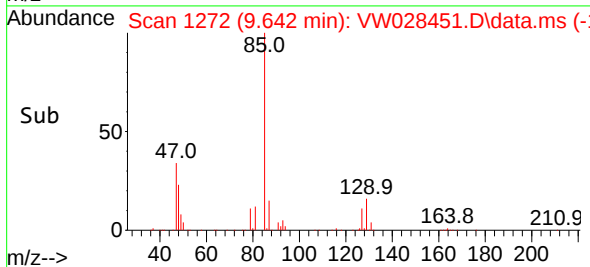
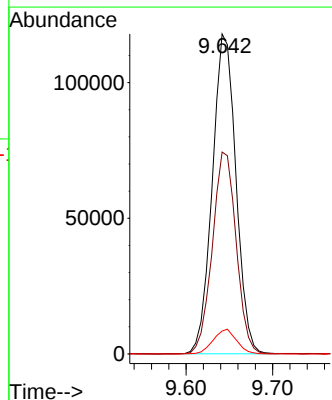
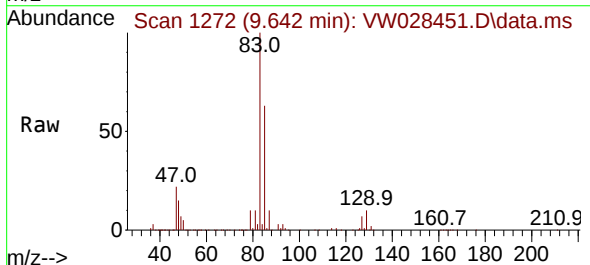
Tgt Ion: 83 Resp: 223473

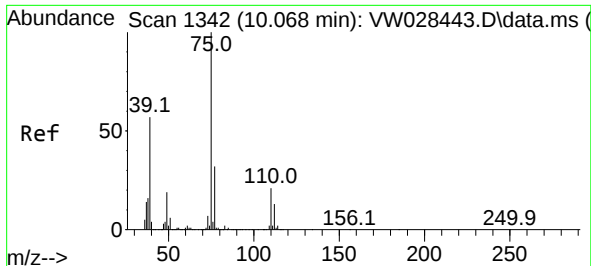
Ion Ratio Lower Upper

83 100

85 63.1 43.1 80.1

127 7.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 27.498 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

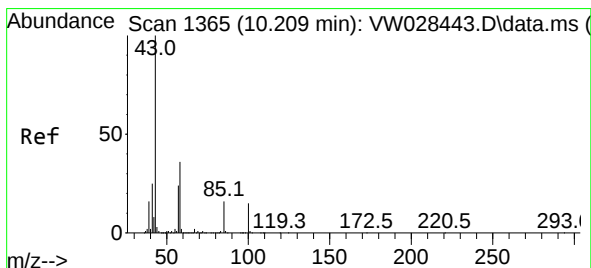
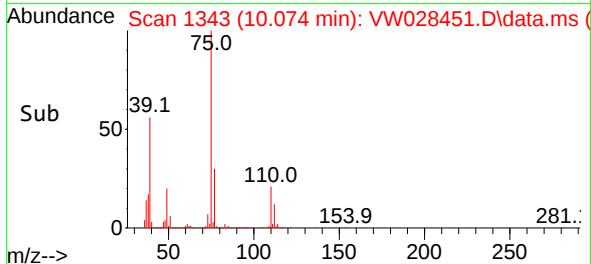
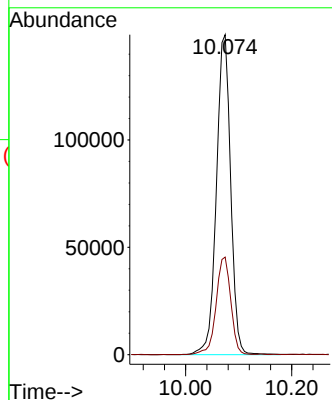
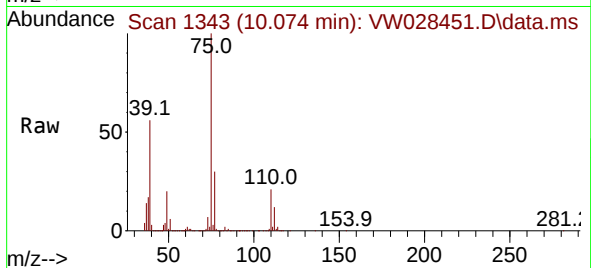
E07Z0MSD

Tgt Ion: 75 Resp: 278118

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 57.618 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

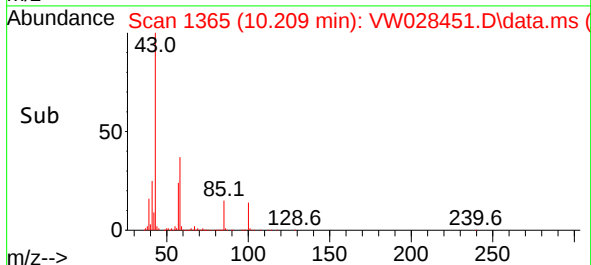
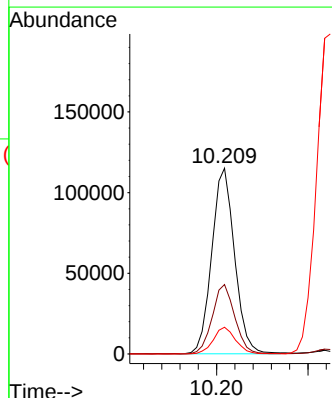
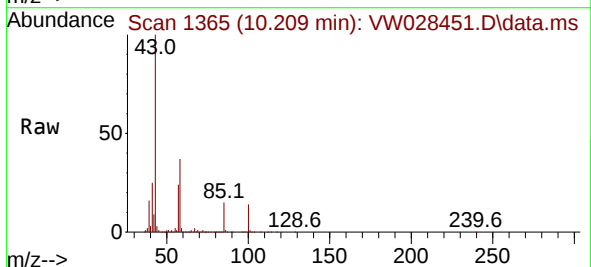
Tgt Ion: 43 Resp: 198933

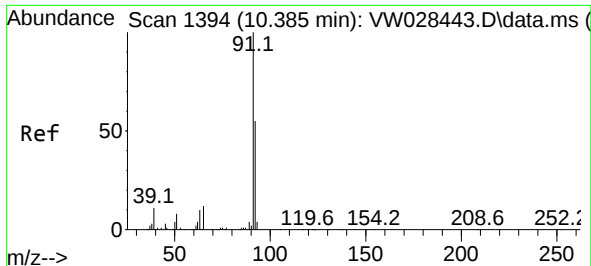
Ion Ratio Lower Upper

43 100

58 37.0 28.6 43.0

100 14.2 10.6 16.0





#42

Toluene

Concen: 25.348 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

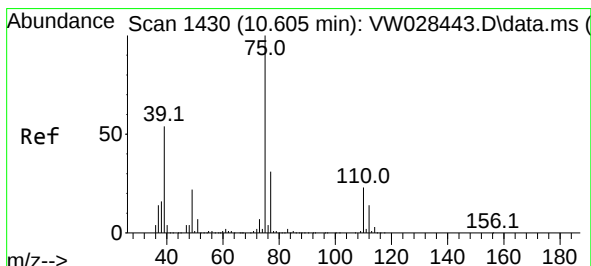
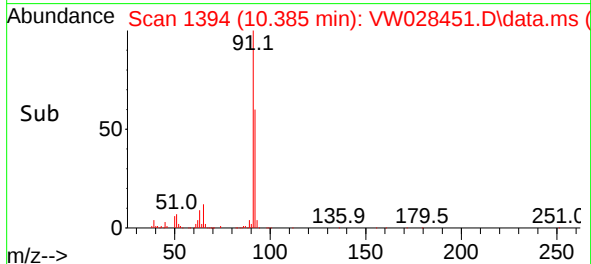
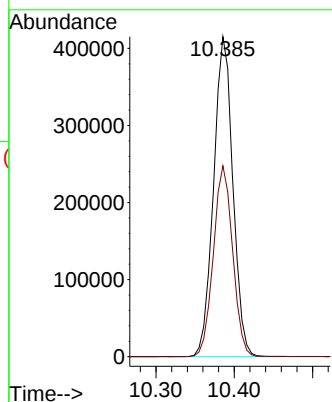
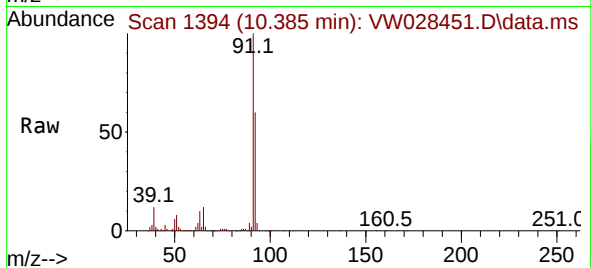
E07Z0MSD

Tgt Ion: 91 Resp: 710611

Ion Ratio Lower Upper

91 100

92 59.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 27.160 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028451.D

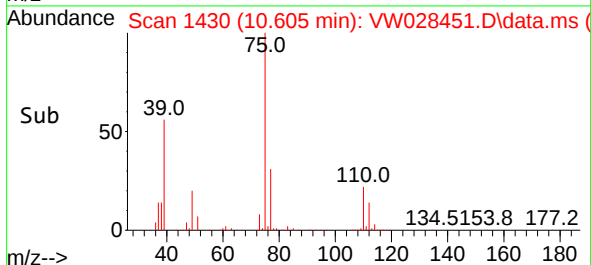
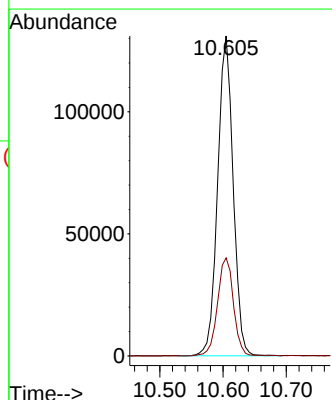
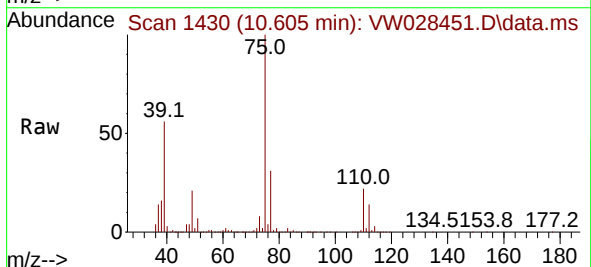
Acq: 16 Apr 2024 14:49

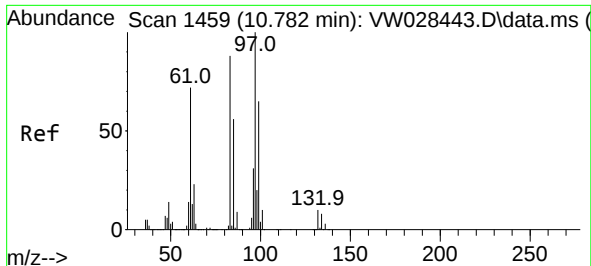
Tgt Ion: 75 Resp: 222225

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 25.216 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MSD

Tgt Ion: 97 Resp: 117663

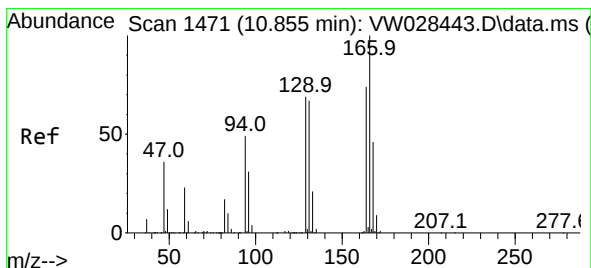
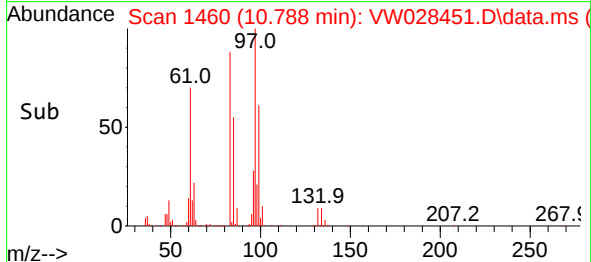
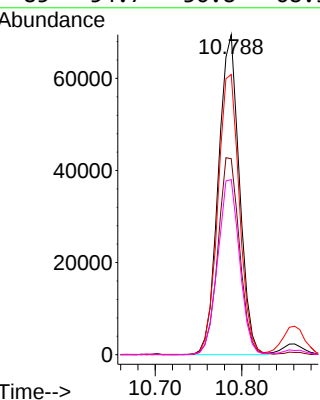
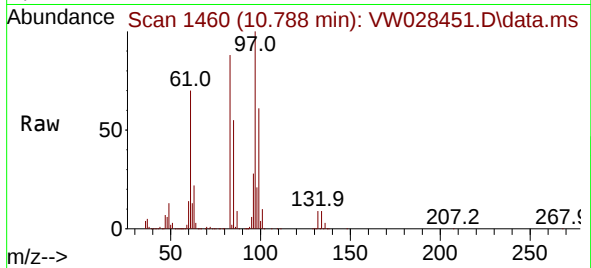
Ion Ratio Lower Upper

97 100

99 61.2 44.2 82.2

83 87.5 56.4 104.7

85 54.7 36.8 68.3



#46

Tetrachloroethene

Concen: 78.897 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Tgt Ion:164 Resp: 422619

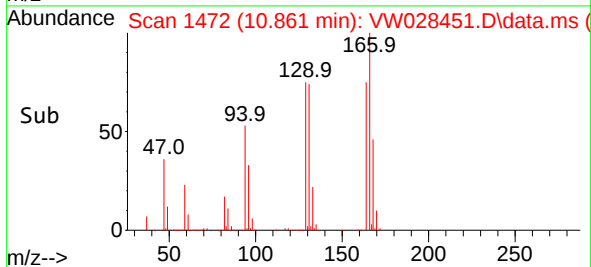
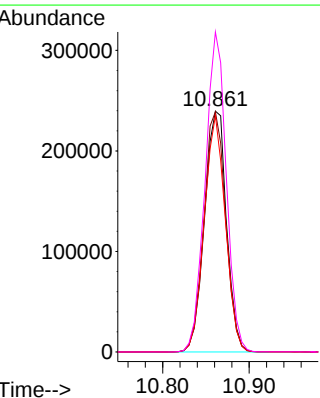
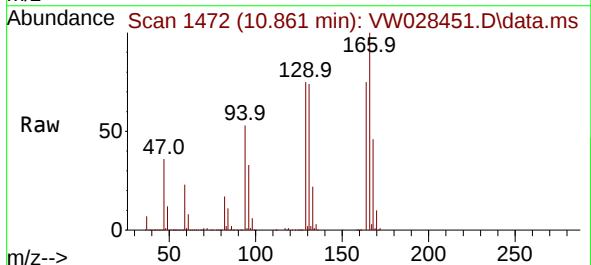
Ion Ratio Lower Upper

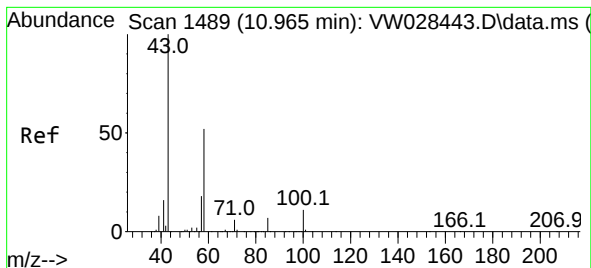
164 100

129 99.8 59.7 110.9

131 98.2 58.2 108.2

166 132.9 78.0 144.8





#48

2-Hexanone

Concen: 58.716 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MSD

Tgt Ion: 43 Resp: 160914

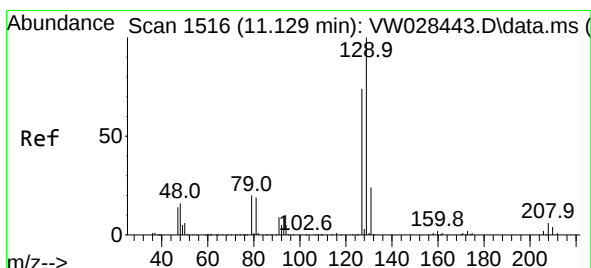
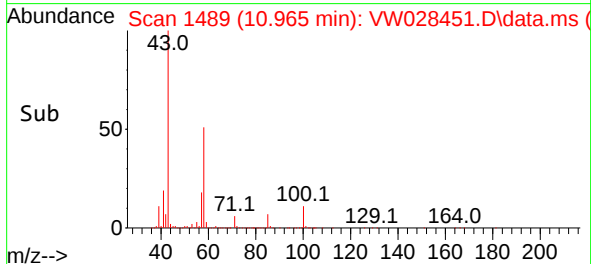
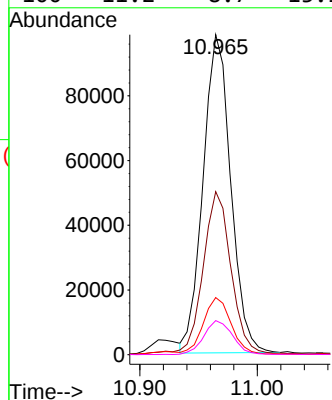
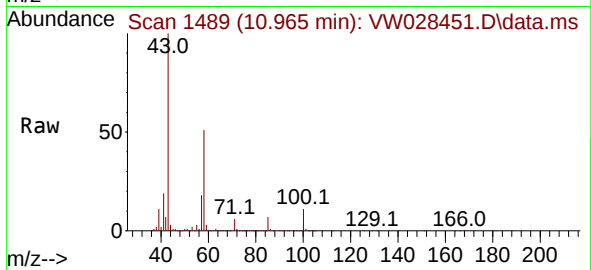
Ion Ratio Lower Upper

43 100

58 52.9 38.9 58.3

57 18.3 14.4 21.6

100 11.2 8.7 13.1



#49

Dibromochloromethane

Concen: 25.688 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW028451.D

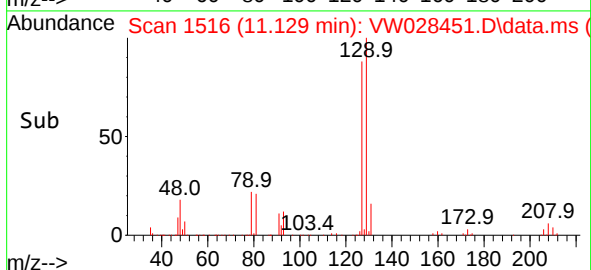
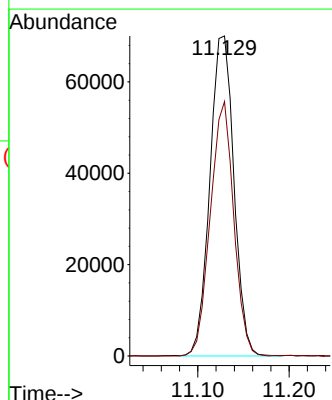
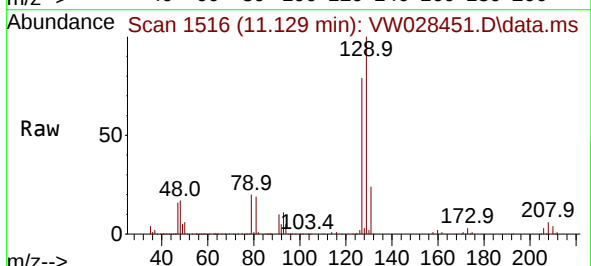
Acq: 16 Apr 2024 14:49

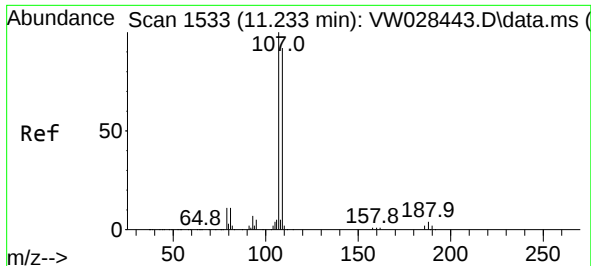
Tgt Ion:129 Resp: 128114

Ion Ratio Lower Upper

129 100

127 79.5 53.0 98.4

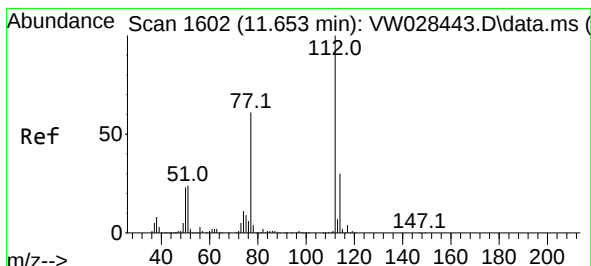
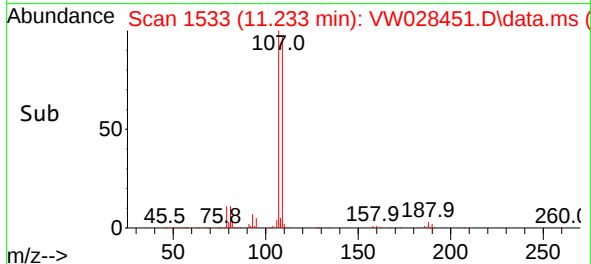
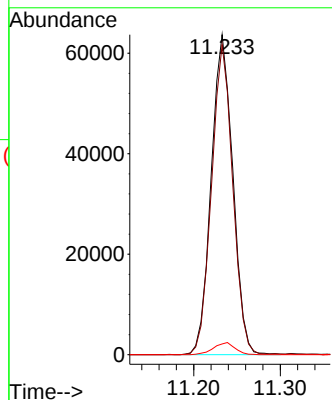
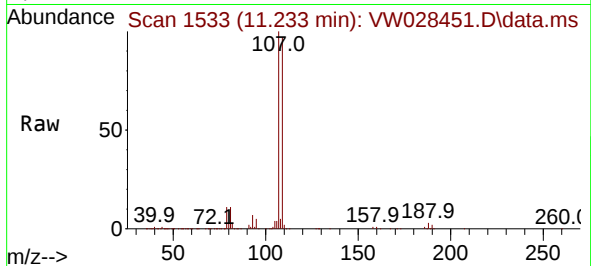




#50
1,2-Dibromoethane
Concen: 25.954 ug/L
RT: 11.233 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

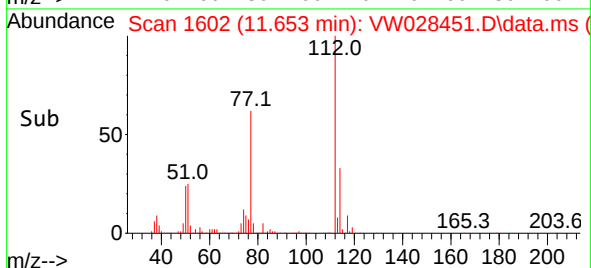
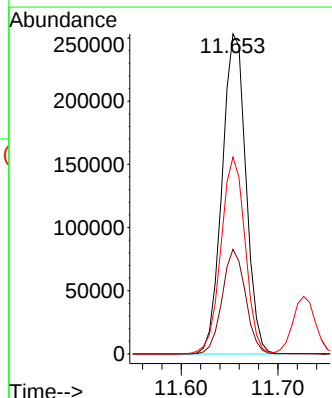
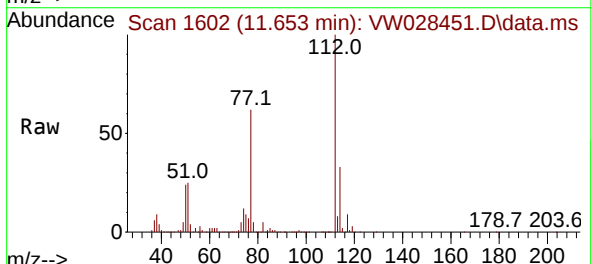
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

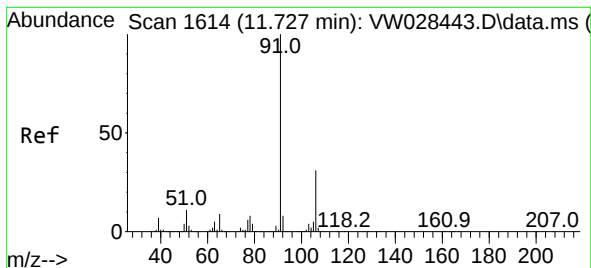
Tgt Ion:	107	Resp:	110533
Ion	Ratio	Lower	Upper
107	100		
109	96.9	62.1	115.3
188	3.3	3.2	4.8



#51
Chlorobenzene
Concen: 24.791 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion:	112	Resp:	431987
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.3
77	61.5	51.8	77.8

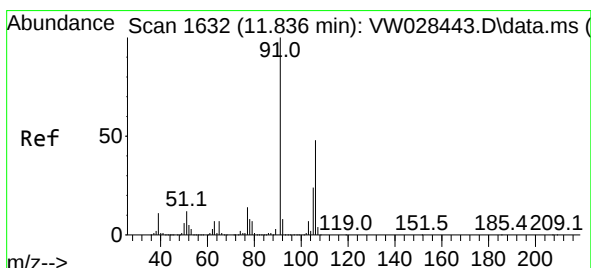
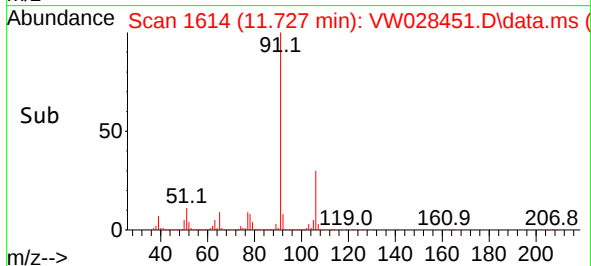
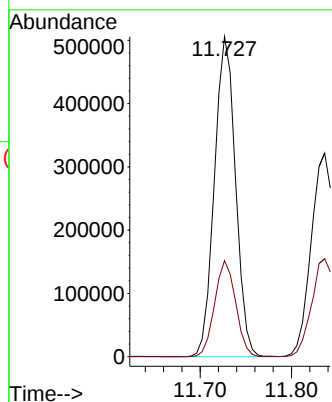
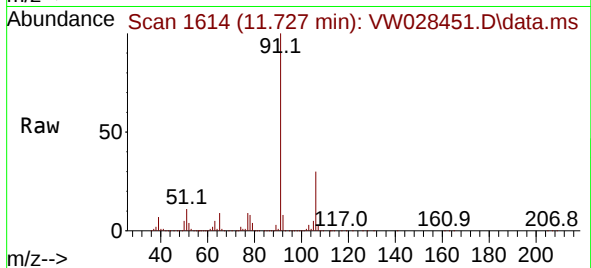




#52
Ethylbenzene
Concen: 25.514 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

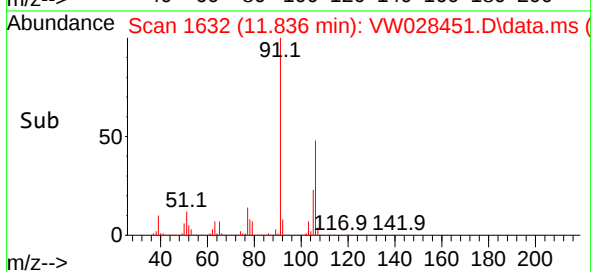
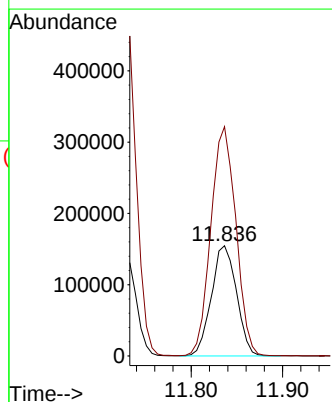
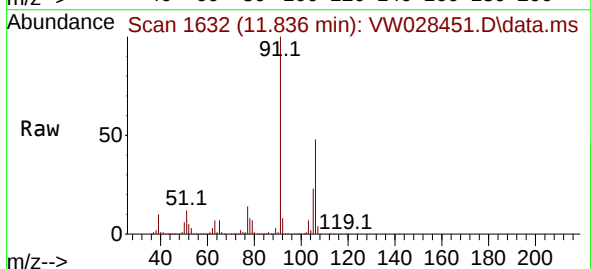
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

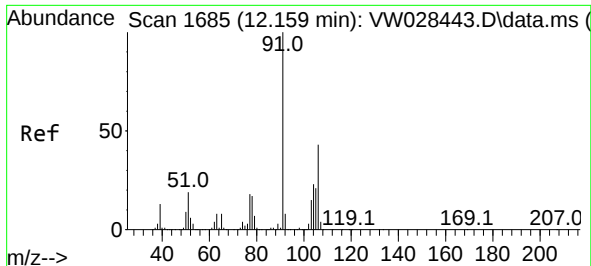
Tgt Ion: 91 Resp: 810790
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 25.000 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion:106 Resp: 295450
Ion Ratio Lower Upper
106 100
91 207.9 152.4 283.0

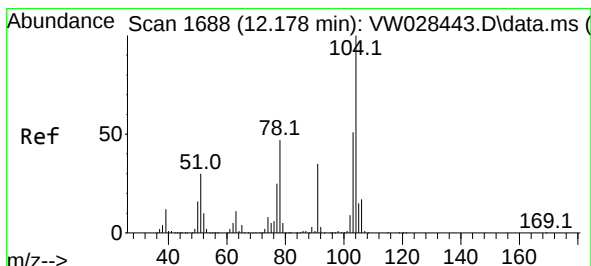
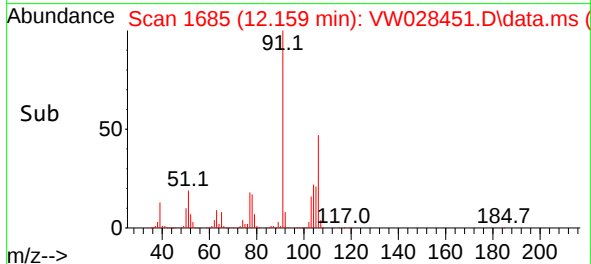
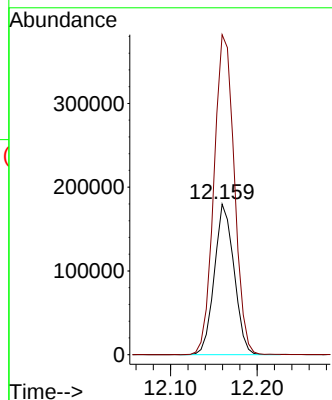
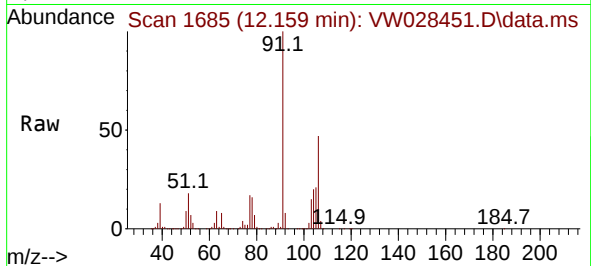




#54
o-Xylene
Concen: 25.791 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

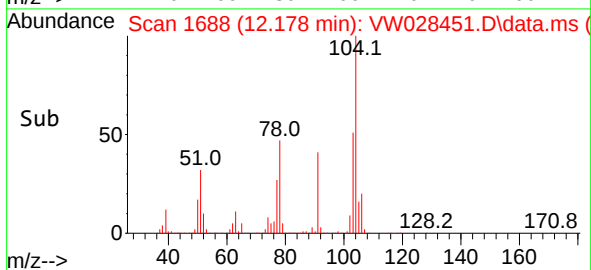
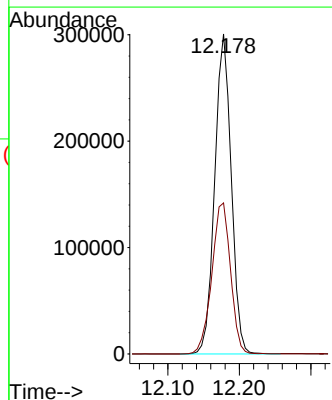
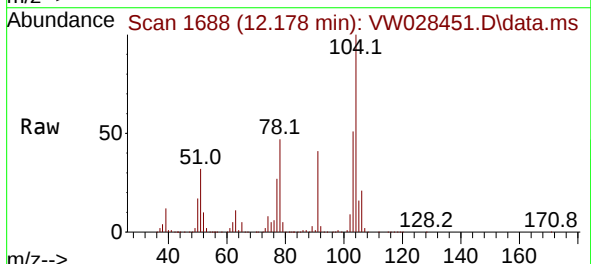
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

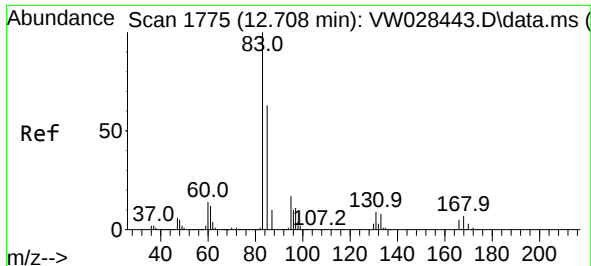
Tgt Ion:106 Resp: 283794
Ion Ratio Lower Upper
106 100
91 212.5 152.9 283.9



#55
Styrene
Concen: 25.769 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion:104 Resp: 482605
Ion Ratio Lower Upper
104 100
78 47.2 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.817 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MSD

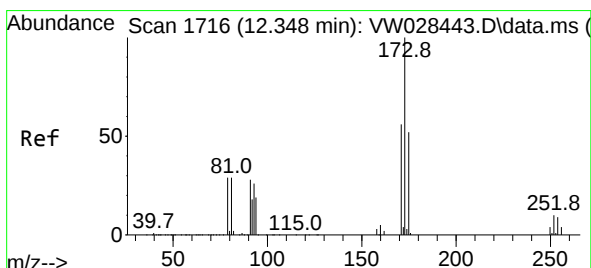
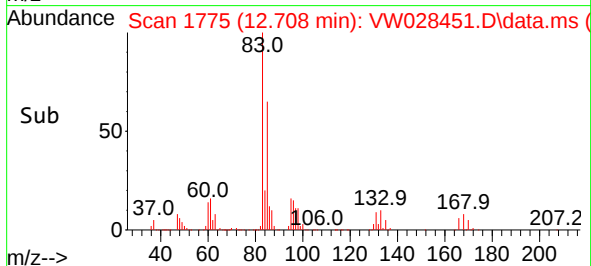
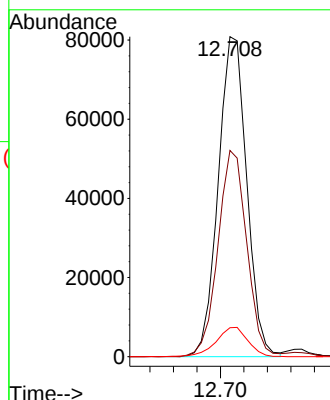
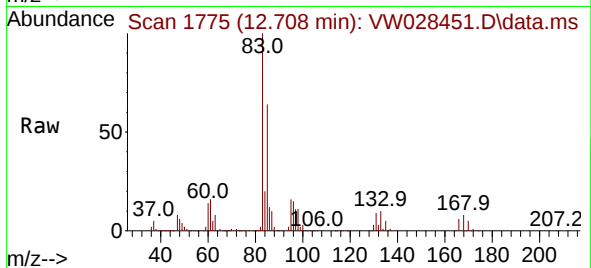
Tgt Ion: 83 Resp: 136328

Ion Ratio Lower Upper

83 100

85 64.4 43.4 80.6

131 9.1 8.0 12.0



#59

Bromoform

Concen: 27.667 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

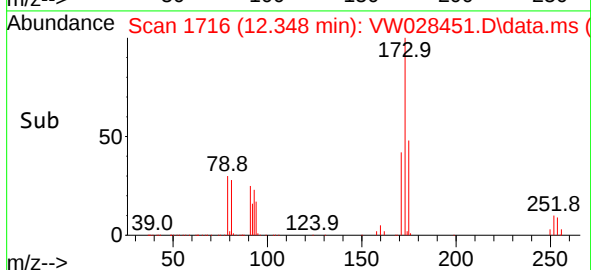
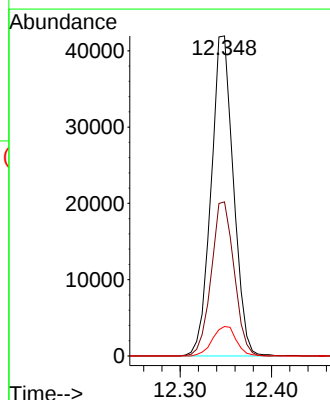
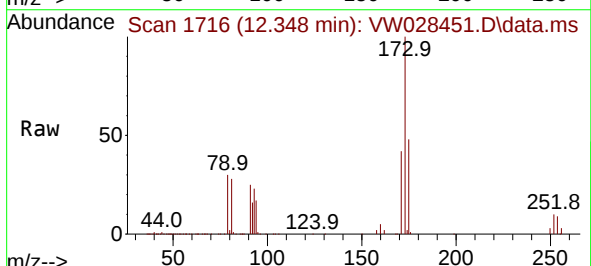
Tgt Ion: 173 Resp: 71274

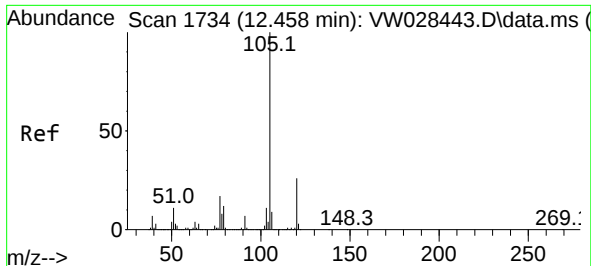
Ion Ratio Lower Upper

173 100

175 49.2 39.2 58.8

254 9.8 8.3 12.5

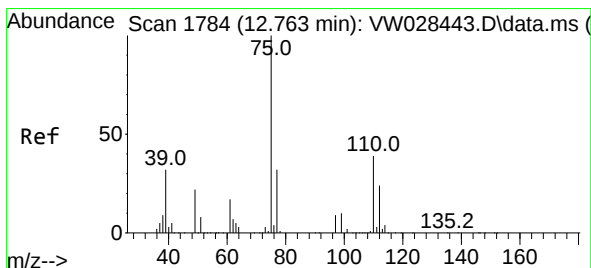
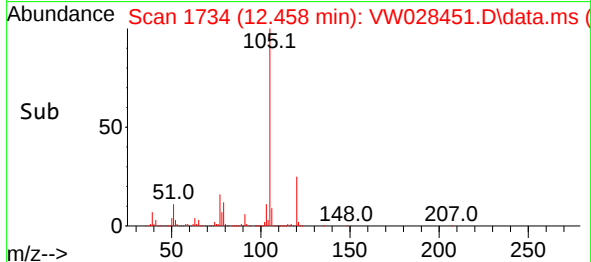
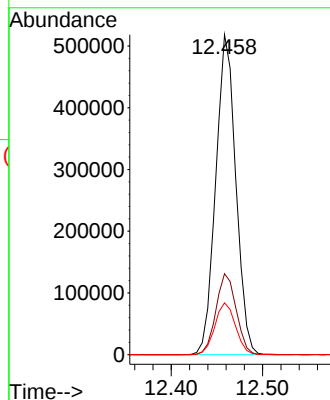
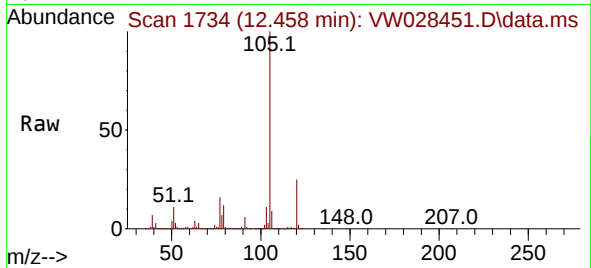




#60
Isopropylbenzene
Concen: 27.084 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

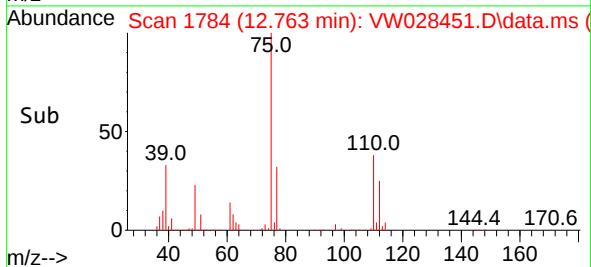
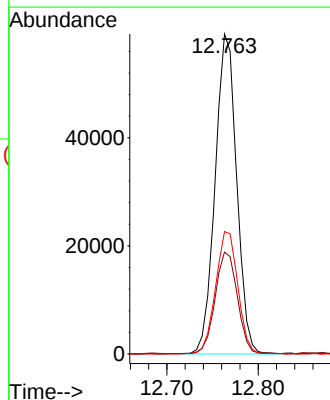
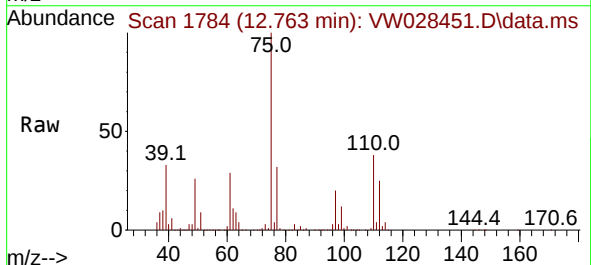
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

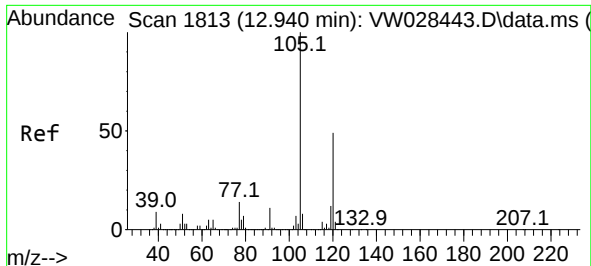
Tgt Ion:105 Resp: 792441
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2
77 16.7 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 27.154 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion: 75 Resp: 96889
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 39.4 30.6 46.0

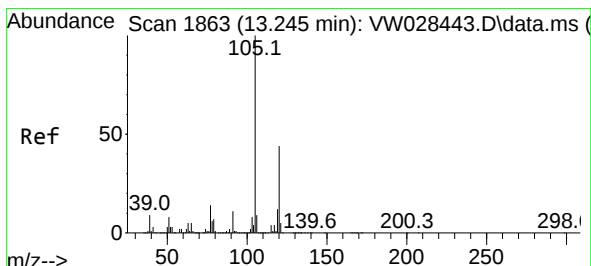
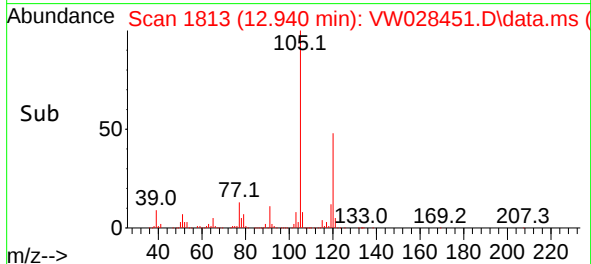
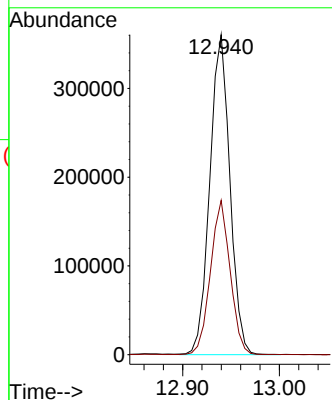
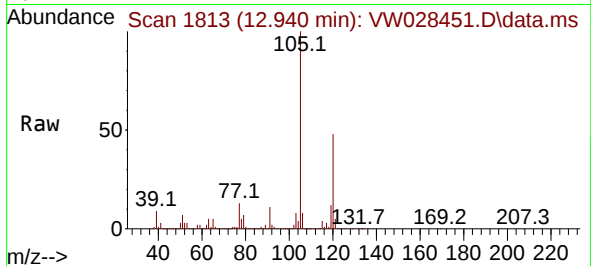




#62
1,3,5-Trimethylbenzene
Concen: 27.982 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

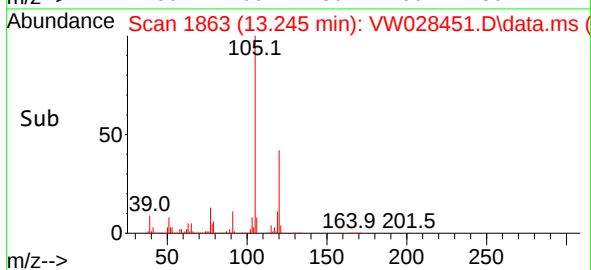
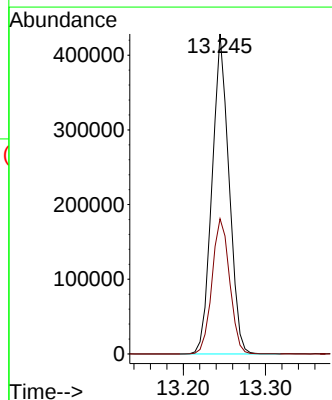
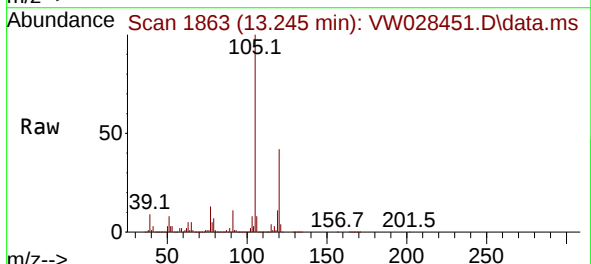
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

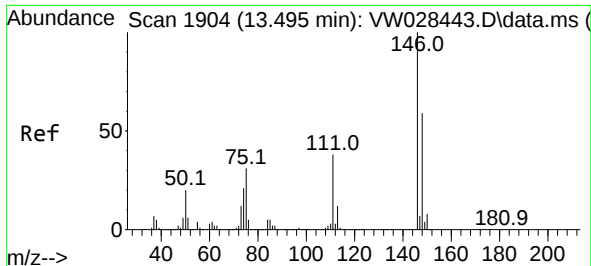
Tgt Ion:105 Resp: 521817
Ion Ratio Lower Upper
105 100
120 47.2 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 27.355 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion:105 Resp: 613908
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.0

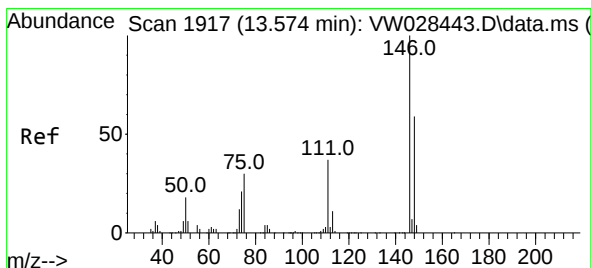
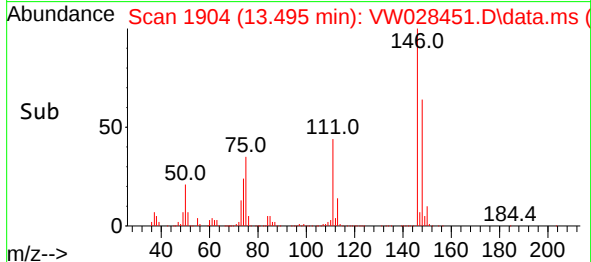
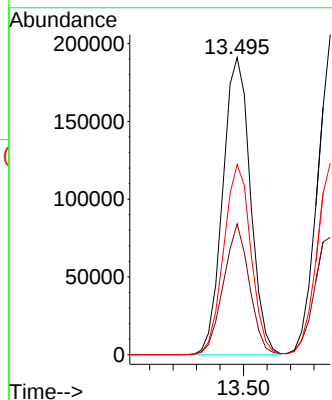
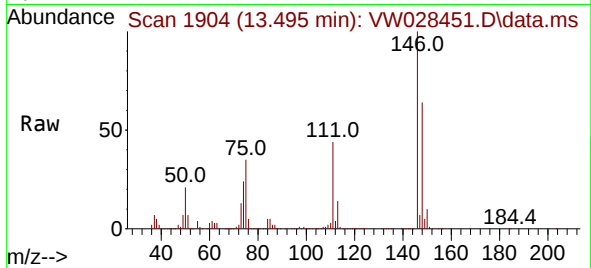




#64
1,3-Dichlorobenzene
Concen: 25.112 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

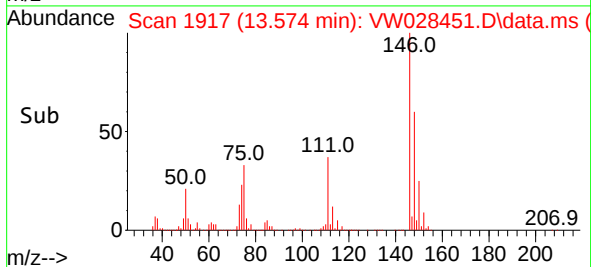
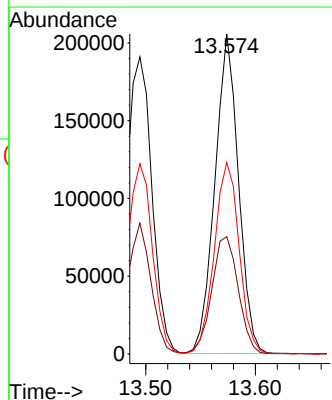
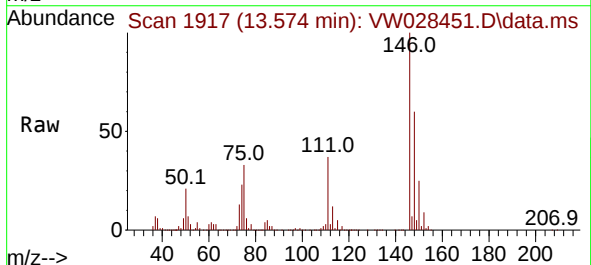
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

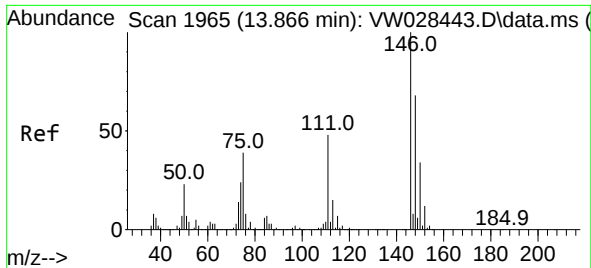
Tgt Ion:146 Resp: 311759
Ion Ratio Lower Upper
146 100
111 44.0 29.8 55.3
148 64.0 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 24.376 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion:146 Resp: 307832
Ion Ratio Lower Upper
146 100
111 36.7 30.3 56.3
148 59.8 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.487 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MSD

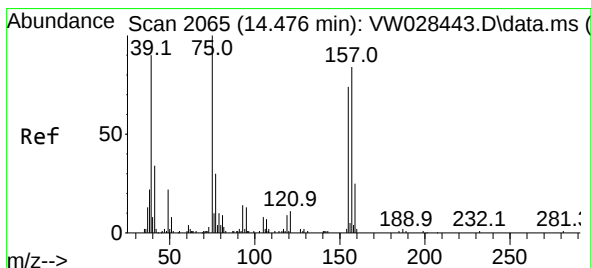
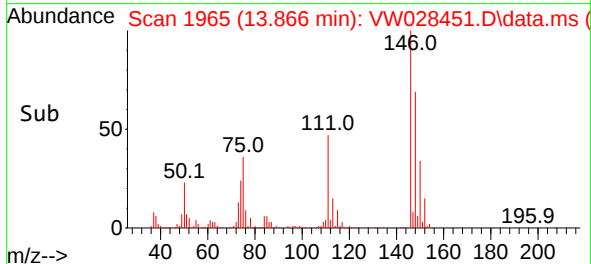
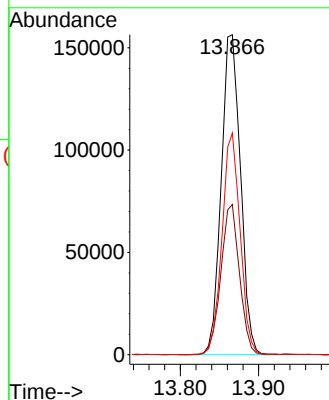
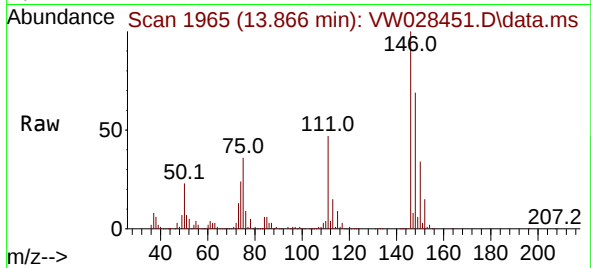
Tgt Ion:146 Resp: 267400

Ion Ratio Lower Upper

146 100

111 46.9 31.4 47.2

148 69.2 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.569 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

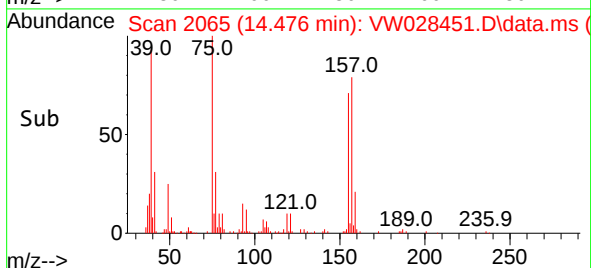
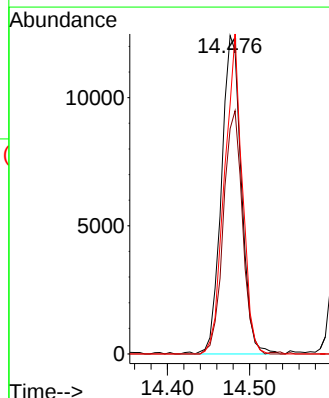
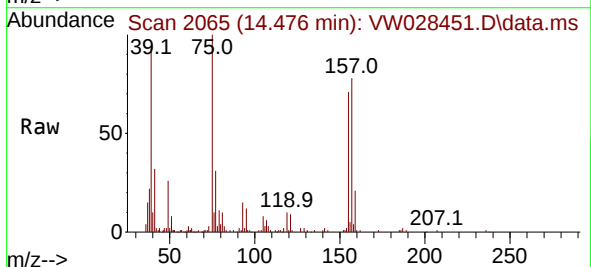
Tgt Ion: 75 Resp: 20906

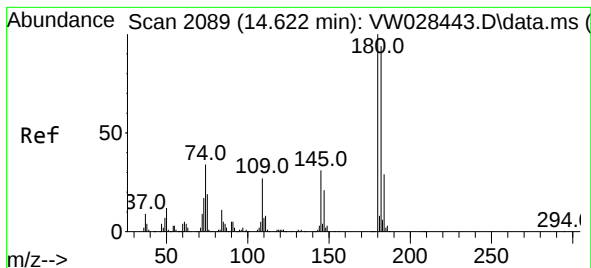
Ion Ratio Lower Upper

75 100

155 70.8 61.2 91.8

157 78.4 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 22.620 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MSD

Tgt Ion:180 Resp: 193239

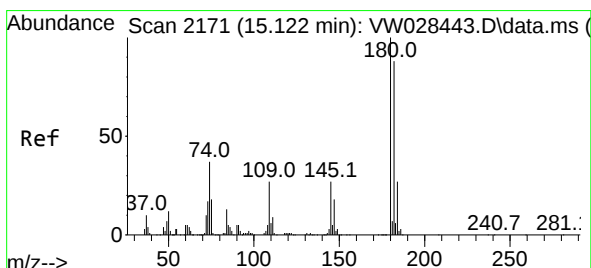
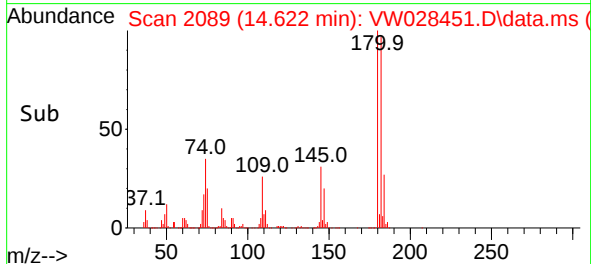
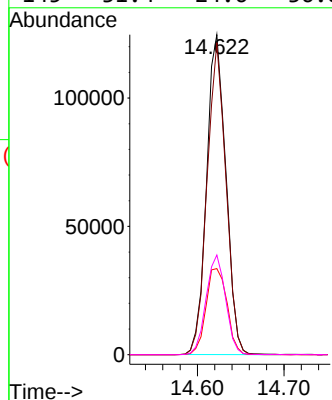
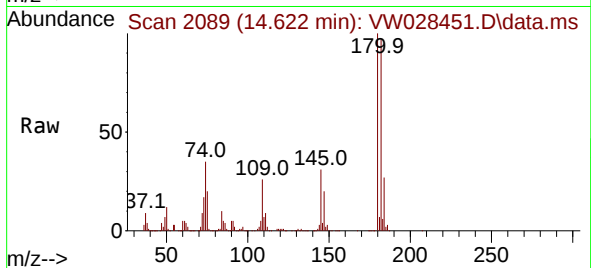
Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.0

184 29.4 24.8 37.2

145 31.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 21.825 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028451.D

Acq: 16 Apr 2024 14:49

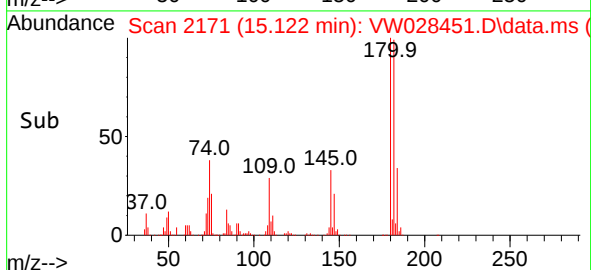
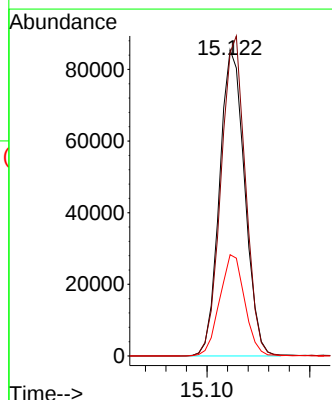
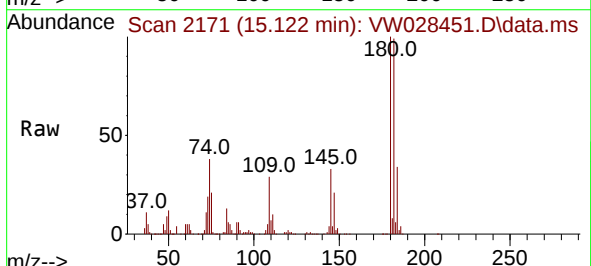
Tgt Ion:180 Resp: 145603

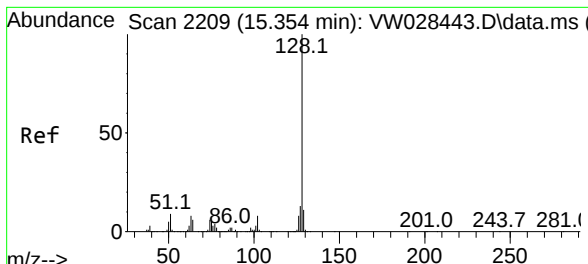
Ion Ratio Lower Upper

180 100

182 101.2 71.5 107.3

145 32.8 23.5 35.3



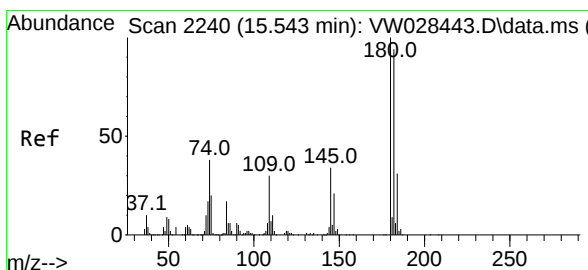
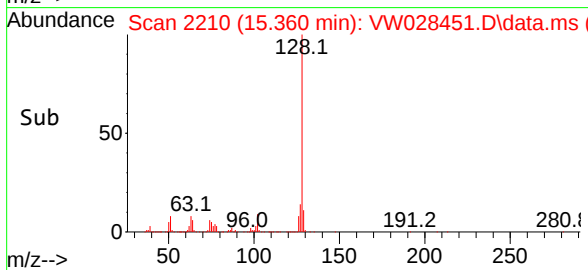
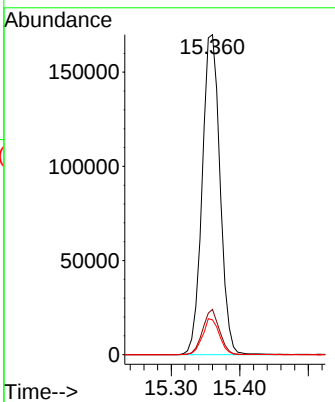
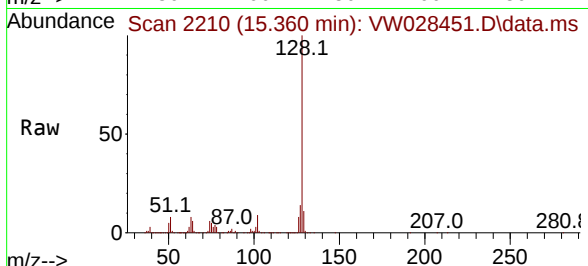


#71
Naphthalene
Concen: 26.088 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MSD

Tgt Ion:128 Resp: 308014

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.7	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 20.281 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028451.D
Acq: 16 Apr 2024 14:49

Tgt Ion:180 Resp: 120062

Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.7	113.5
145	33.7	26.2	39.4

