

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028461.D
 Acq On : 16 Apr 2024 18:48
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 17 05:39:51 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	316055	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294277	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150027	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	91706	18.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
7) Chloroethane-d5	2.899	69	77675	20.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
11) 1,1-Dichloroethene-d2	4.021	65	41192	19.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	7.075	46	55999	59.062	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.120%
24) Chloroform-d	7.648	84	194821	23.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	8.307	65	107529	25.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.360%
32) Benzene-d6	8.276	84	366284	22.784	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	9.270	67	113494	23.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	10.319	98	334081	22.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	10.575	79	45681	24.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.160%
47) 2-Hexanone-d5	10.922	63	39261	59.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91921	27.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	111533	23.507	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	76290	17.947	ug/L	96
3) Chloromethane	2.223	50	104921	21.023	ug/L	98
5) Vinyl chloride	2.375	62	117956	19.846	ug/L	98
6) Bromomethane	2.789	94	74994	20.195	ug/L	98
8) Chloroethane	2.936	64	73427	20.493	ug/L	97
9) Trichlorofluoromethane	3.271	101	92891	19.591	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92494	20.735	ug/L	94
12) 1,1-Dichloroethene	4.045	96	85179	20.337	ug/L	95
13) Acetone	4.119	43	42067	36.134	ug/L	99
14) Carbon disulfide	4.393	76	270287	19.601	ug/L	99
15) Methyl Acetate	4.667	43	46749	24.957	ug/L	99
16) Methylene chloride	4.923	84	98026	20.497	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	95148	21.566	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	154796	24.942	ug/L	99
19) 1,1-Dichloroethane	6.216	63	192354	22.377	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	105800	22.594	ug/L	97
22) 2-Butanone	7.167	43	60420	42.765	ug/L	99
23) Bromochloromethane	7.514	128	45395	22.507	ug/L	90
25) Chloroform	7.679	83	190708	22.584	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028461.D
 Acq On : 16 Apr 2024 18:48
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 17 05:39:51 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

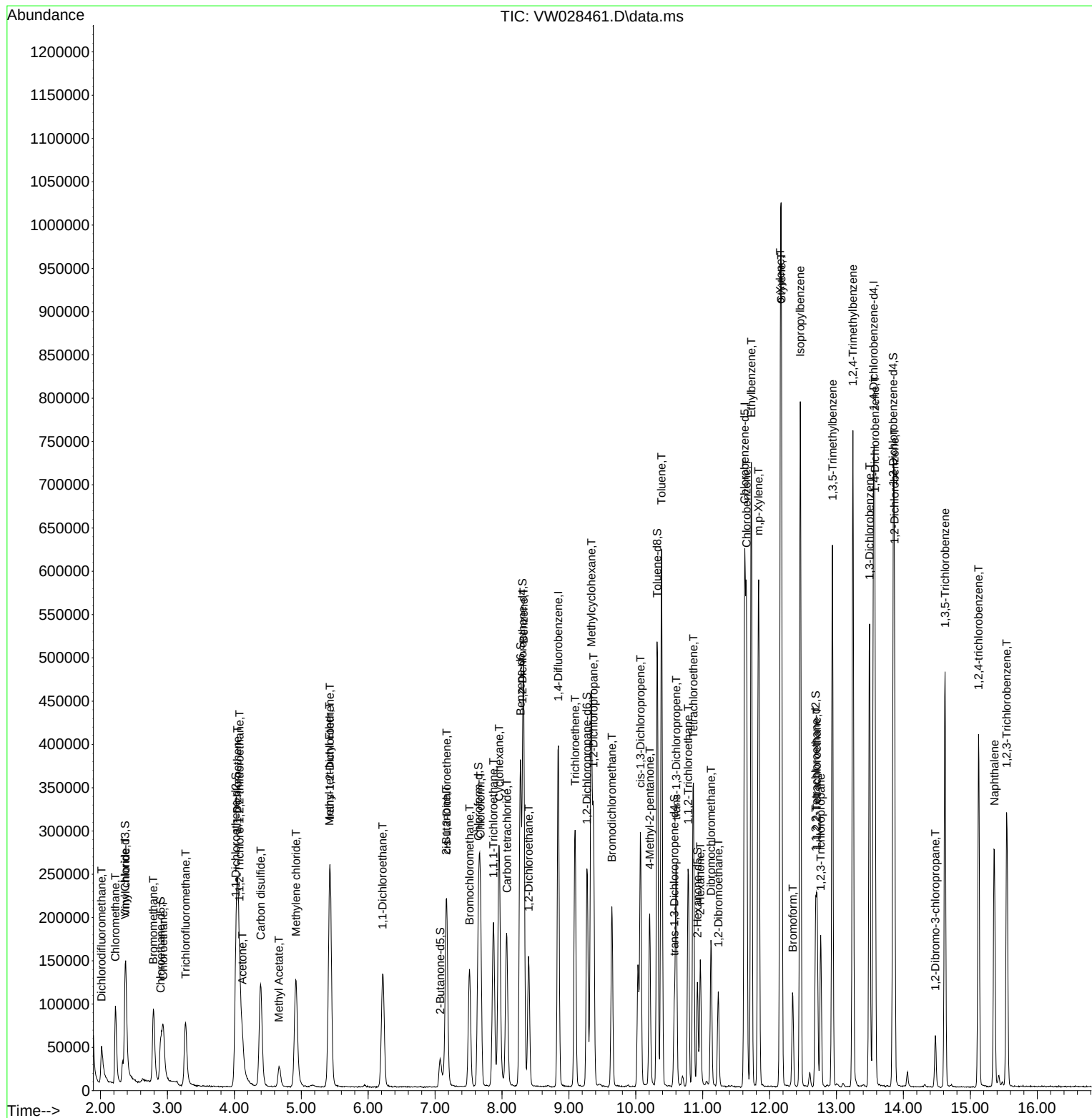
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136030	23.340	ug/L	99
29) Cyclohexane	7.959	56	160919	20.702	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151239	21.191	ug/L	99
31) Carbon tetrachloride	8.075	117	131510	20.779	ug/L	98
33) Benzene	8.325	78	407129	22.128	ug/L	100
34) Trichloroethene	9.093	95	104602	20.978	ug/L	96
35) Methylcyclohexane	9.337	83	173224	20.359	ug/L	99
37) 1,2-Dichloropropane	9.368	63	107859	22.492	ug/L	100
38) Bromodichloromethane	9.642	83	135909	22.865	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	160098	22.766	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	136261	56.761	ug/L	99
42) Toluene	10.386	91	431567	22.141	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	131569	23.127	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	76875	23.695	ug/L	96
46) Tetrachloroethene	10.861	164	76960	20.663	ug/L	92
48) 2-Hexanone	10.965	43	93499	49.067	ug/L	99
49) Dibromochloromethane	11.123	129	82985	23.931	ug/L	96
50) 1,2-Dibromoethane	11.233	107	70794	23.908	ug/L	93
51) Chlorobenzene	11.654	112	263960	21.786	ug/L	96
52) Ethylbenzene	11.727	91	493789	22.348	ug/L	100
53) m,p-Xylene	11.837	106	179385	21.831	ug/L	96
54) o-Xylene	12.160	106	170617	22.300	ug/L	95
55) Styrene	12.178	104	304517	23.386	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	92757	25.263	ug/L	99
59) Bromoform	12.349	173	47403	23.937	ug/L	99
60) Isopropylbenzene	12.458	105	483420	21.493	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68130	24.839	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	318014	22.184	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	376980	21.851	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	203722	21.347	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	210740	21.708	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	192942	22.984	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14988	23.846	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	135907	20.695	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	117096	22.833	ug/L	95
71) Naphthalene	15.360	128	230856	25.435	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	98889	21.730	ug/L	99

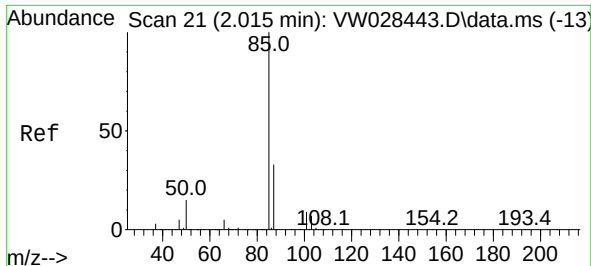
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028461.D
 Acq On : 16 Apr 2024 18:48
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 17 05:39:51 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

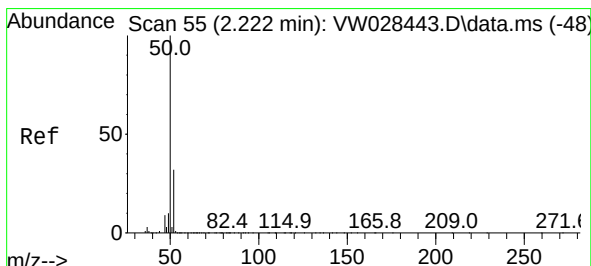
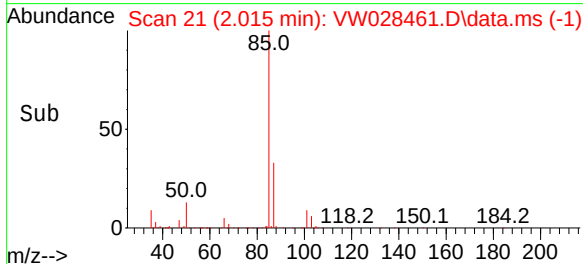
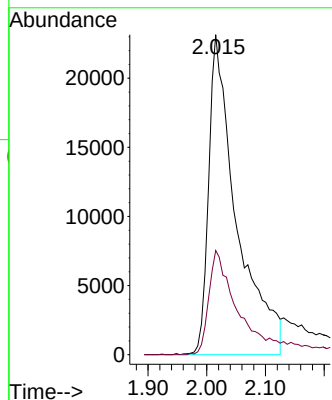
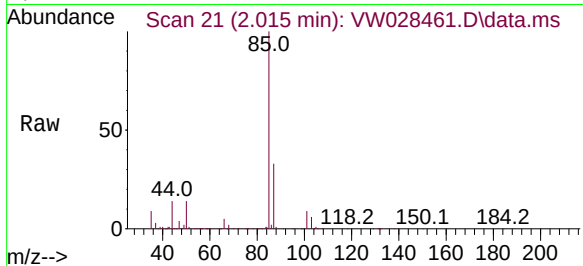




#2
 Dichlorodifluoromethane
 Concen: 17.947 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028461.D
 Acq: 16 Apr 2024 18:48

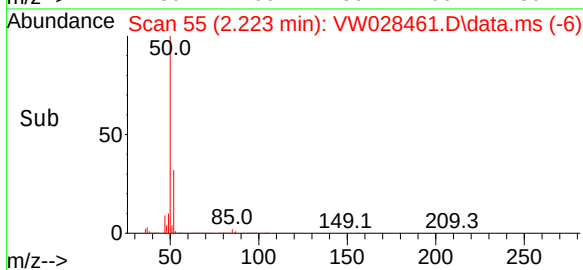
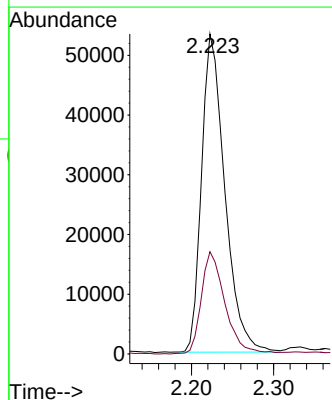
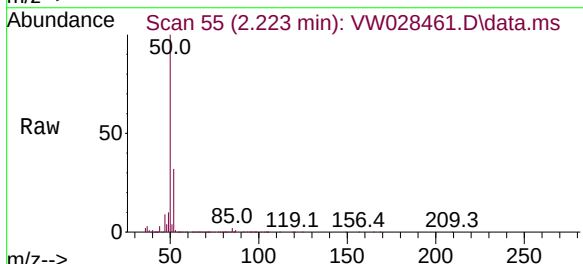
Instrument :
 MSVOA_W
 ClientSampleId :

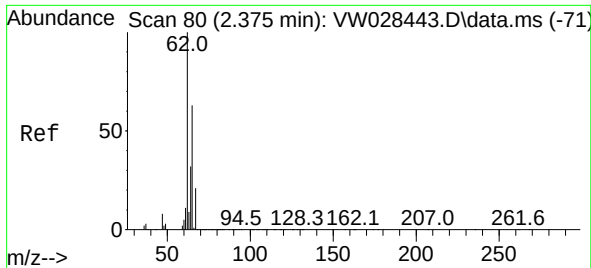
Tgt Ion: 85 Resp: 76290
 Ion Ratio Lower Upper
 85 100
 87 31.4 23.4 35.0



#3
 Chloromethane
 Concen: 21.023 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028461.D
 Acq: 16 Apr 2024 18:48

Tgt Ion: 50 Resp: 104921
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.0 42.6

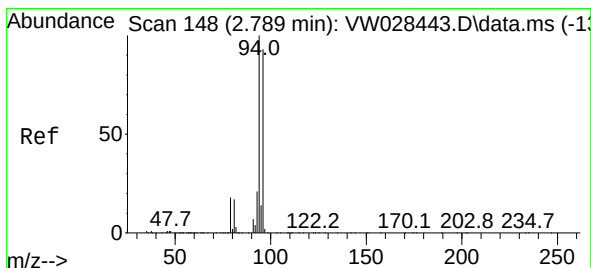
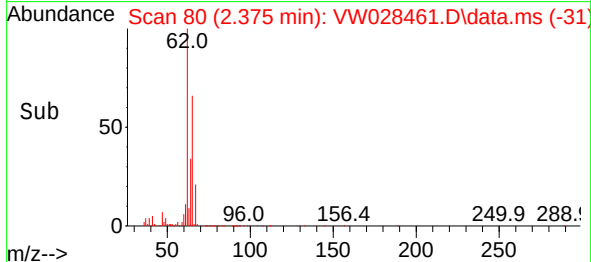
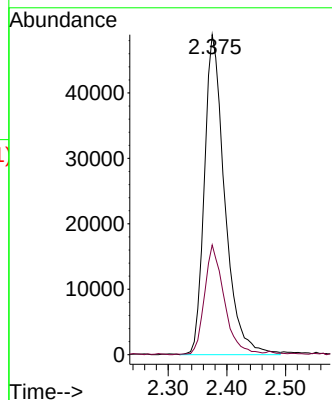
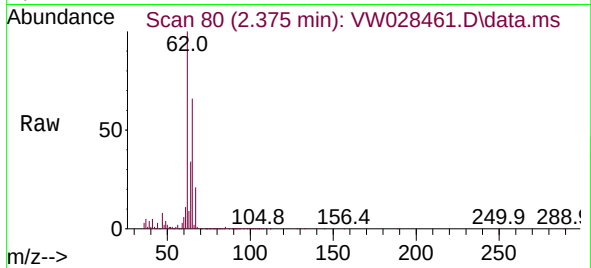




#5
Vinyl chloride
Concen: 19.846 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

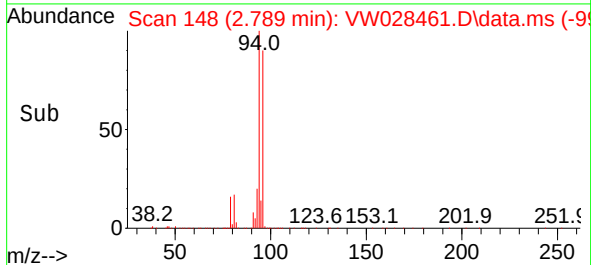
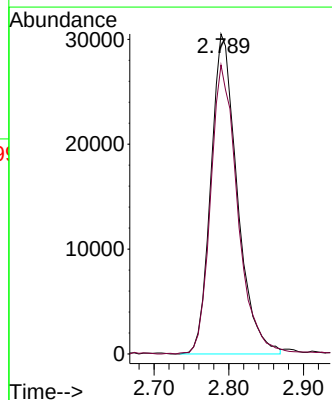
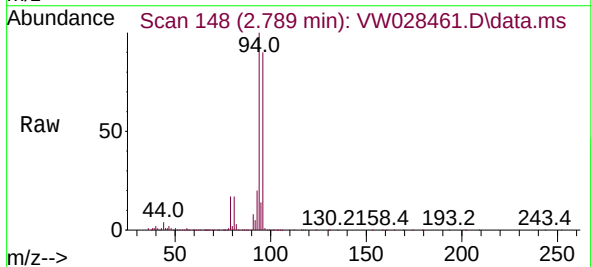
Instrument :
MSVOA_W
ClientSampleId :

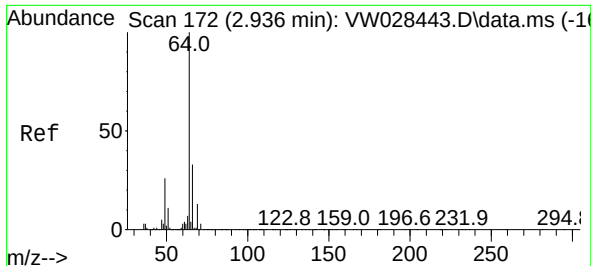
Tgt Ion: 62 Resp: 117956
Ion Ratio Lower Upper
62 100
64 34.3 23.1 42.9



#6
Bromomethane
Concen: 20.195 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 94 Resp: 74994
Ion Ratio Lower Upper
94 100
96 90.3 64.3 119.5

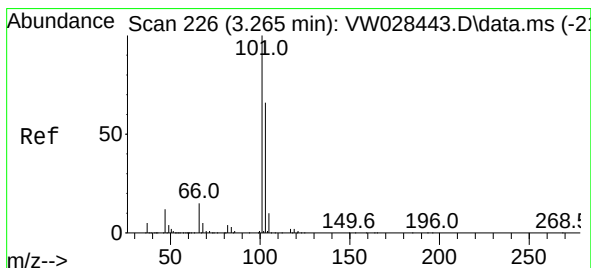
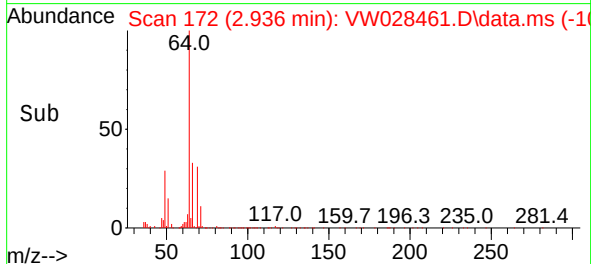
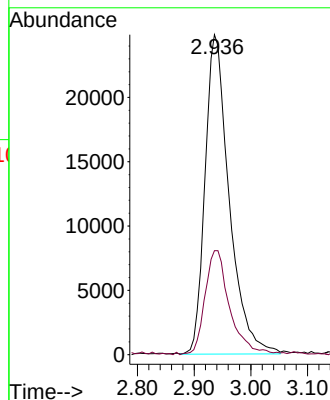
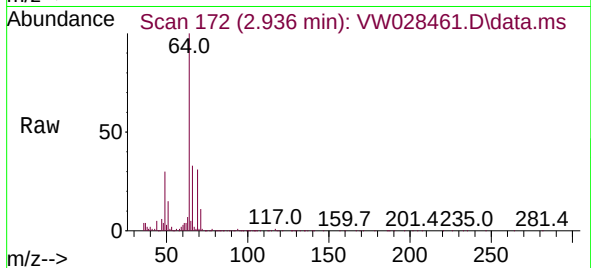




#8
Chloroethane
Concen: 20.493 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

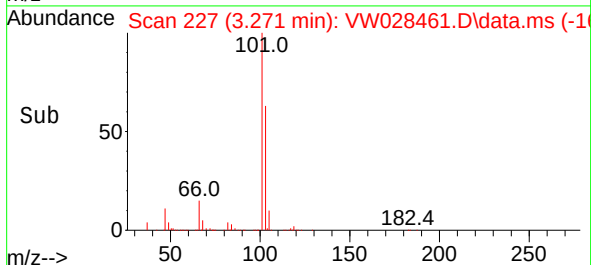
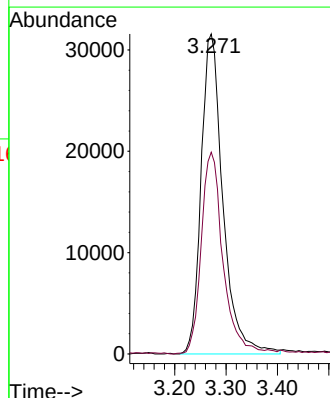
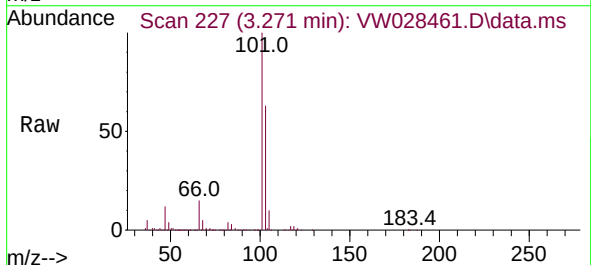
Instrument :
MSVOA_W
ClientSampleId :

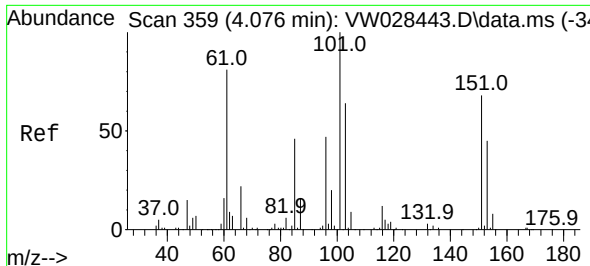
Tgt Ion: 64 Resp: 73427
Ion Ratio Lower Upper
64 100
66 32.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.591 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 101 Resp: 92891
Ion Ratio Lower Upper
101 100
103 60.9 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.735 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :

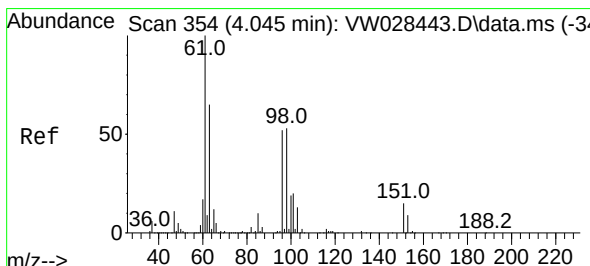
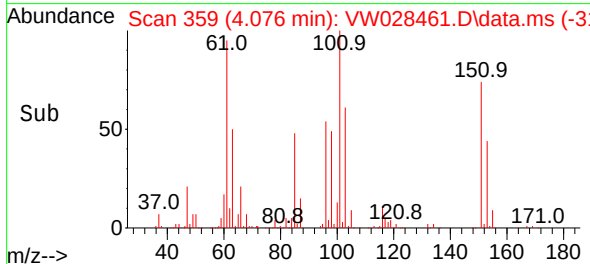
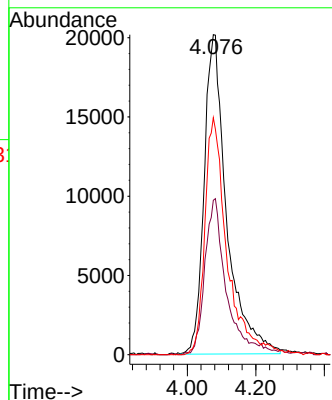
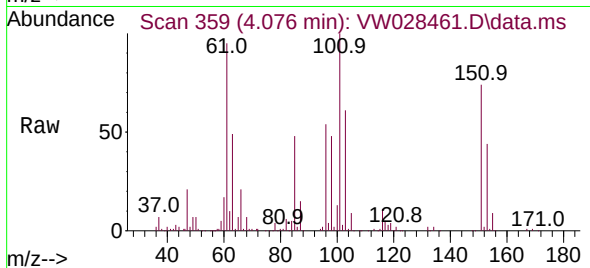
Tgt Ion:101 Resp: 92494

Ion Ratio Lower Upper

101 100

85 42.4 34.5 51.7

151 64.7 57.5 86.3



#12

1,1-Dichloroethene

Concen: 20.337 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

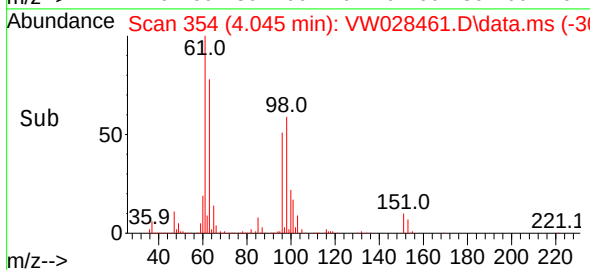
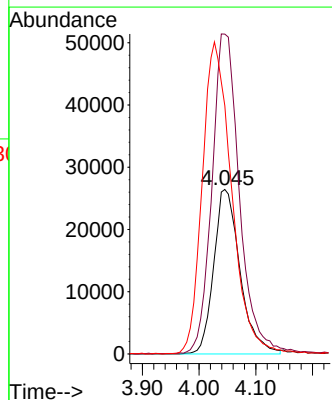
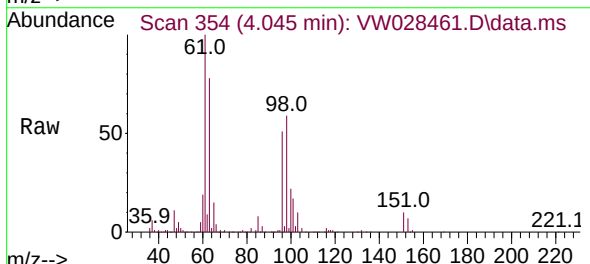
Tgt Ion: 96 Resp: 85179

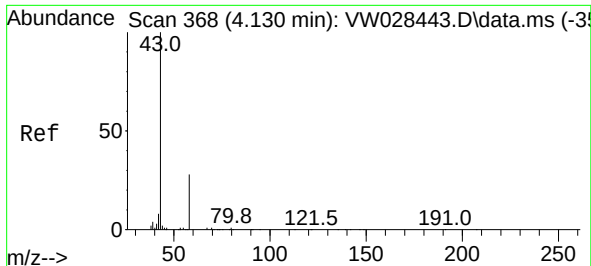
Ion Ratio Lower Upper

96 100

61 194.4 130.5 242.5

63 150.9 101.5 188.5

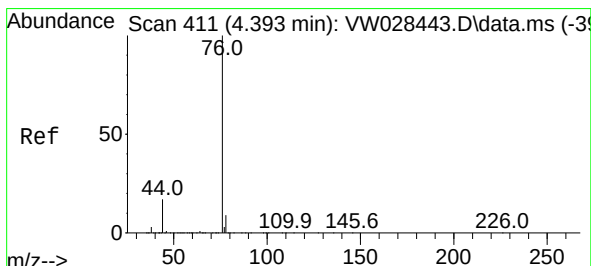
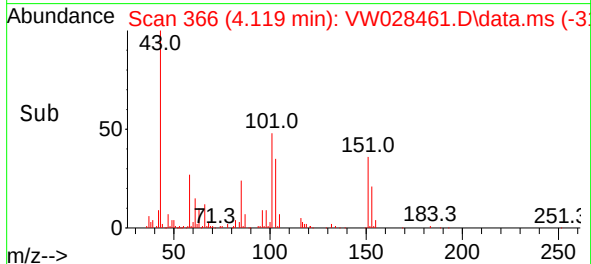
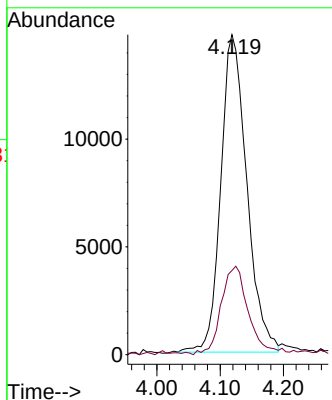
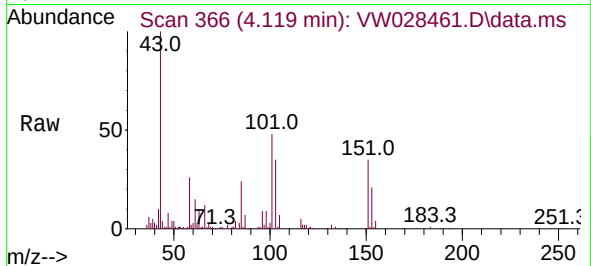




#13
Acetone
Concen: 36.134 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

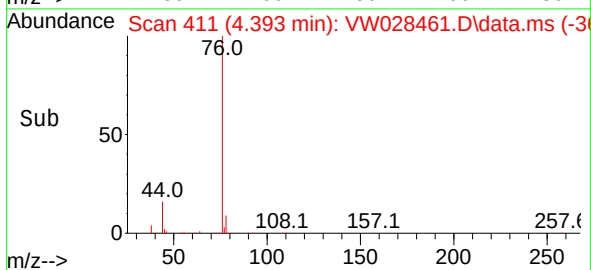
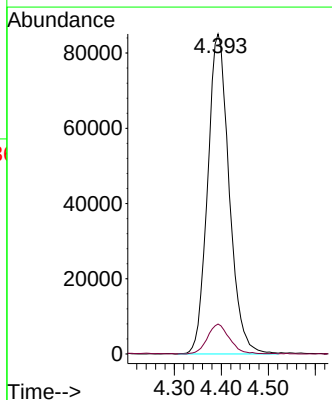
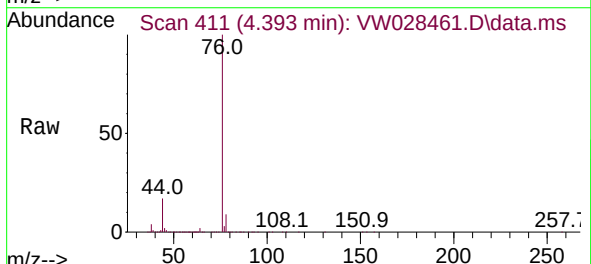
Instrument :
MSVOA_W
ClientSampleId :

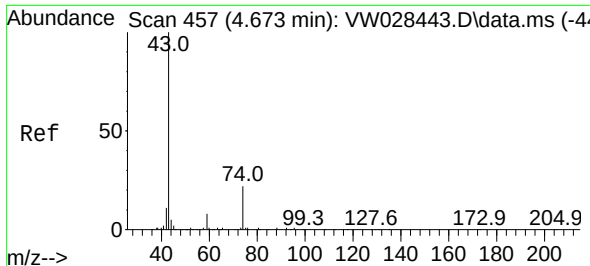
Tgt Ion: 43 Resp: 42067
Ion Ratio Lower Upper
43 100
58 27.3 0.0 53.4



#14
Carbon disulfide
Concen: 19.601 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

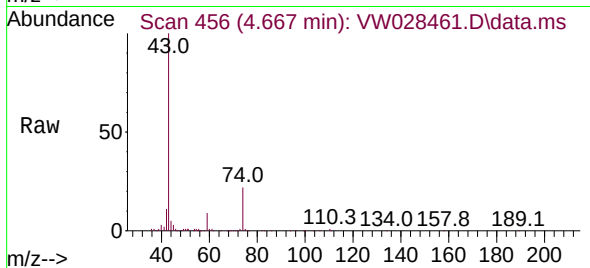
Tgt Ion: 76 Resp: 270287
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



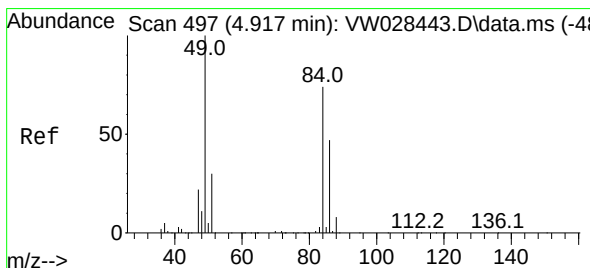
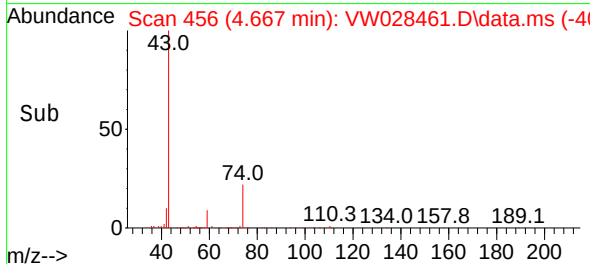
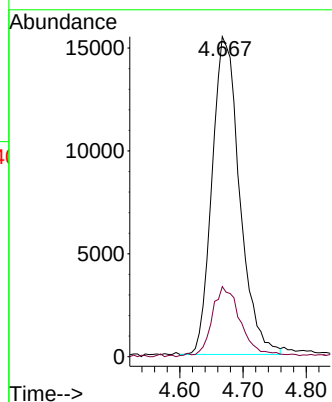


#15
Methyl Acetate
Concen: 24.957 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Instrument :
MSVOA_W
ClientSampleId :

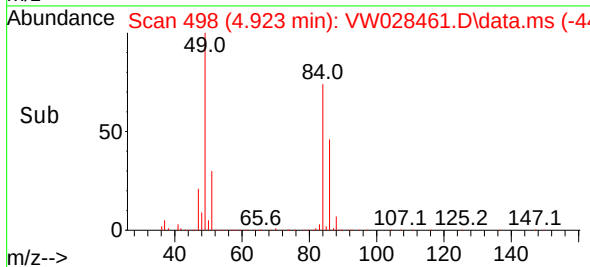
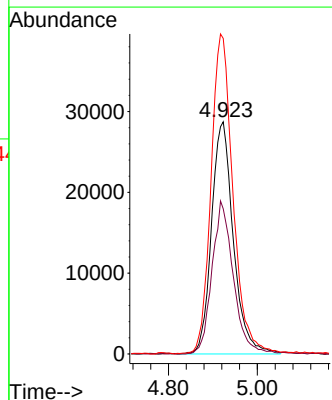
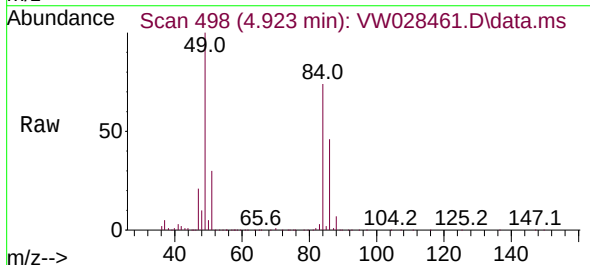


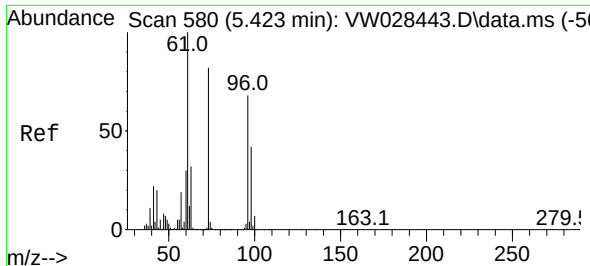
Tgt Ion: 43 Resp: 46749
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0



#16
Methylene chloride
Concen: 20.497 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 84 Resp: 98026
Ion Ratio Lower Upper
84 100
86 62.5 44.2 82.0
49 135.9 95.0 176.4

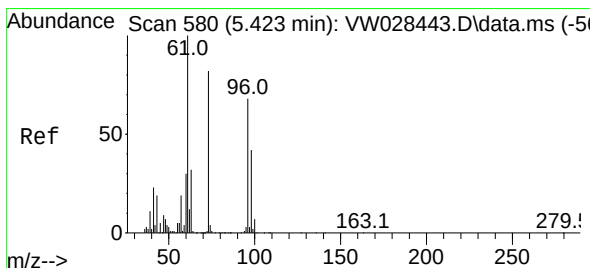
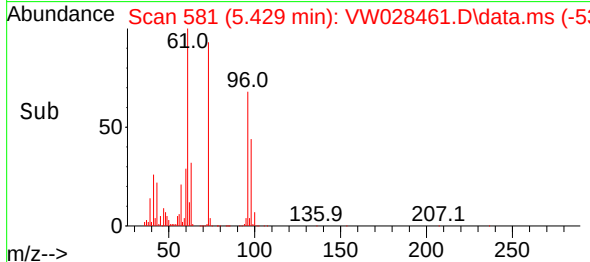
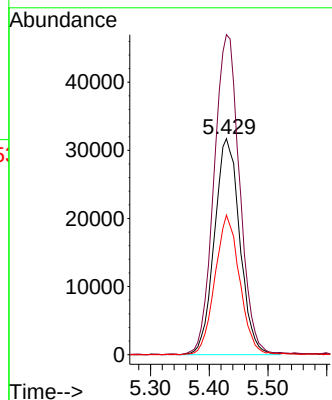
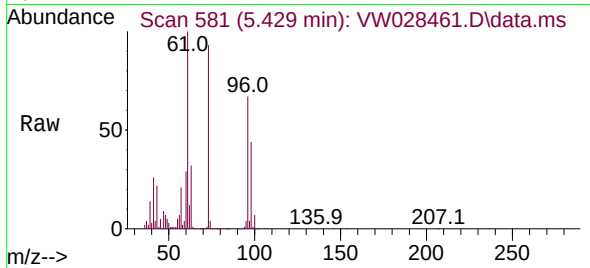




#17
trans-1,2-Dichloroethene
Concen: 21.566 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

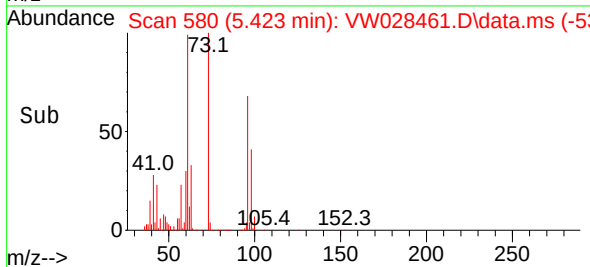
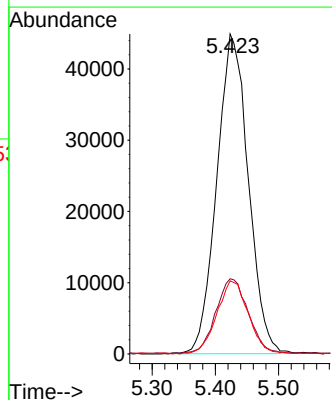
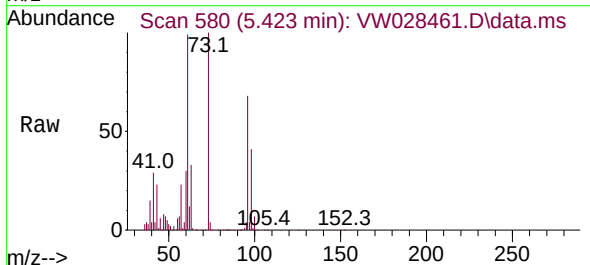
Instrument :
MSVOA_W
ClientSampleId :

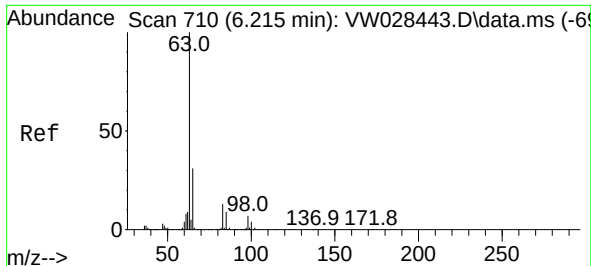
Tgt Ion: 96 Resp: 95148
Ion Ratio Lower Upper
96 100
61 148.2 108.4 201.4
98 64.6 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 24.942 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

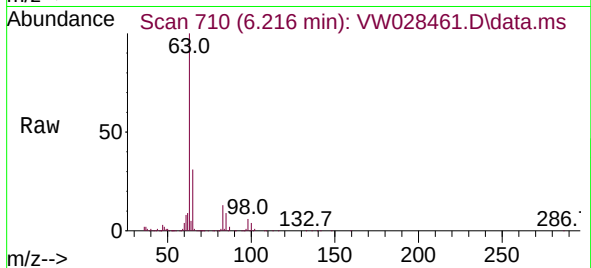
Tgt Ion: 73 Resp: 154796
Ion Ratio Lower Upper
73 100
43 23.7 18.5 27.7
57 23.1 18.2 27.4



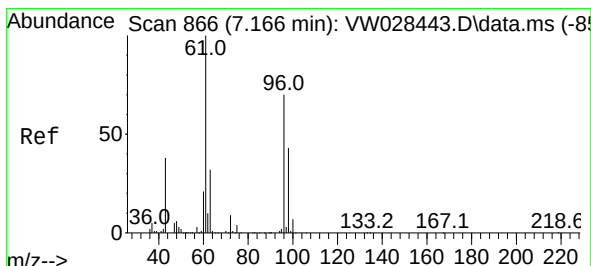
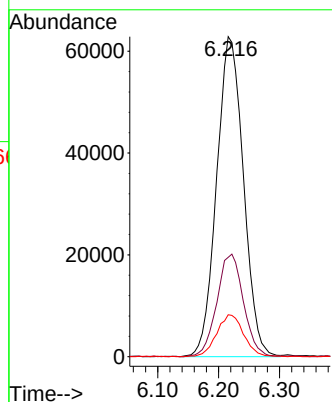
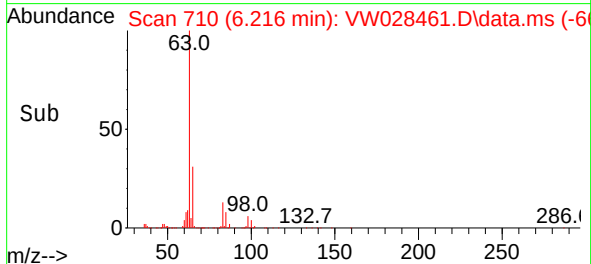


#19
1,1-Dichloroethane
Concen: 22.377 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

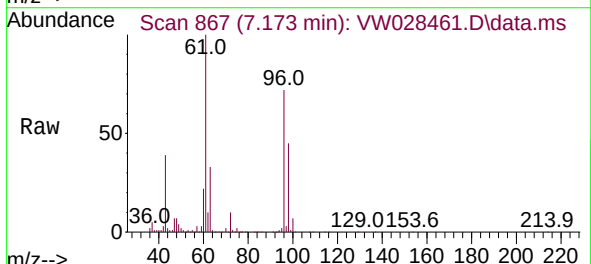
Instrument :
MSVOA_W
ClientSampleId :



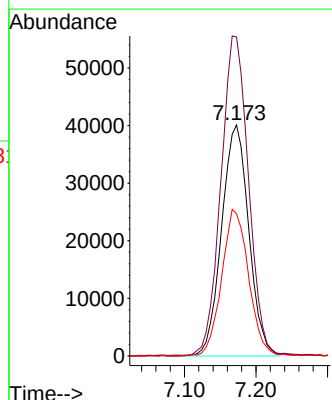
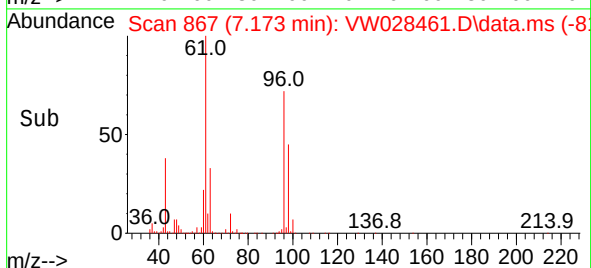
Tgt Ion: 63 Resp: 192354
Ion Ratio Lower Upper
63 100
65 31.0 21.8 40.4
83 13.1 9.0 16.8

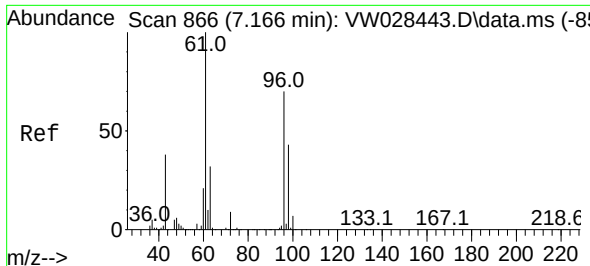


#20
cis-1,2-Dichloroethene
Concen: 22.594 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48



Tgt Ion: 96 Resp: 105800
Ion Ratio Lower Upper
96 100
61 138.0 97.6 181.2
98 61.6 47.7 88.5

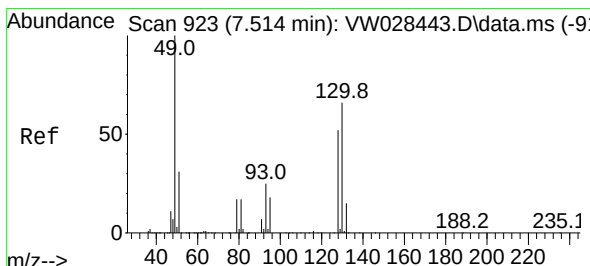
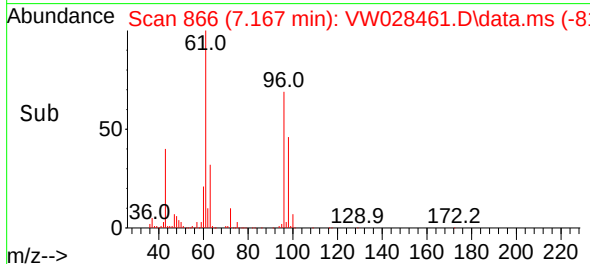
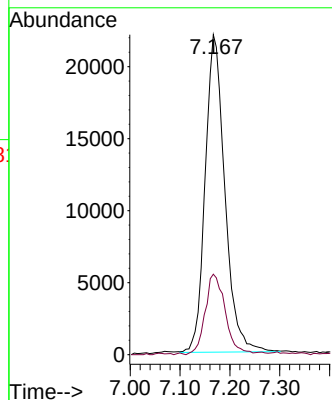
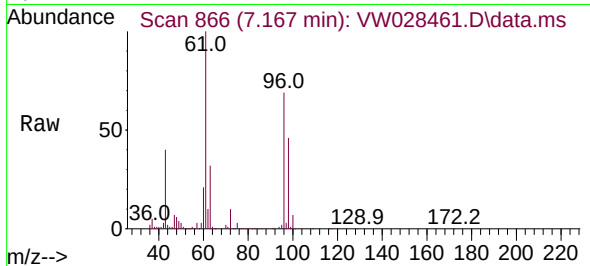




#22
2-Butanone
Concen: 42.765 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

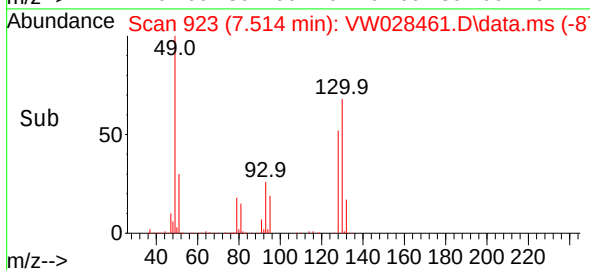
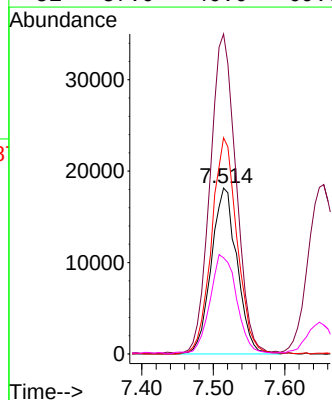
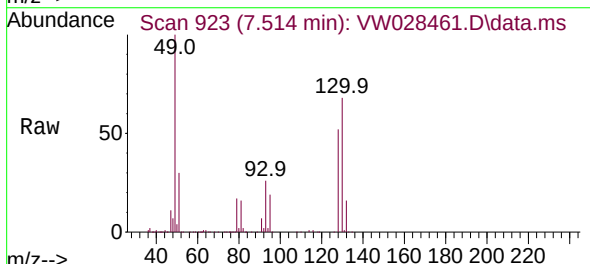
Instrument :
MSVOA_W
ClientSampleId :

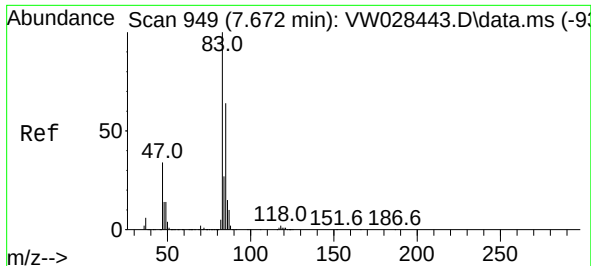
Tgt Ion: 43 Resp: 60420
Ion Ratio Lower Upper
43 100
72 25.9 12.8 38.4



#23
Bromochloromethane
Concen: 22.507 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 128 Resp: 45395
Ion Ratio Lower Upper
128 100
49 192.8 127.1 236.0
130 130.3 78.3 145.5
51 57.9 46.0 69.0





#25

Chloroform

Concen: 22.584 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

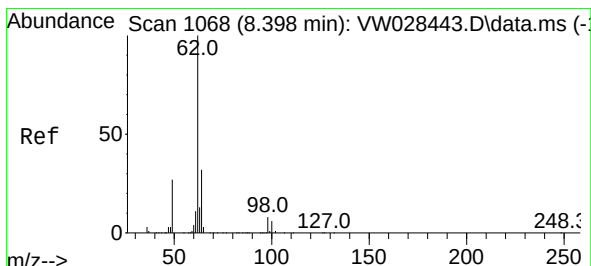
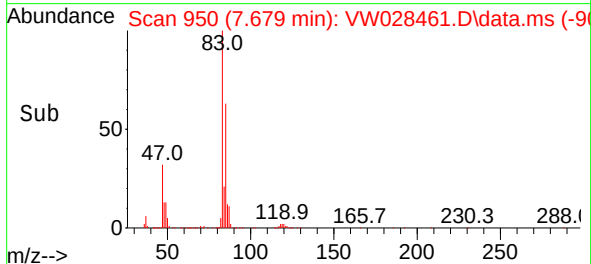
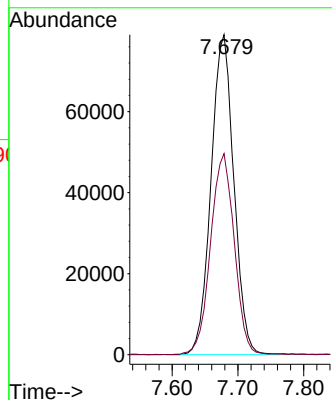
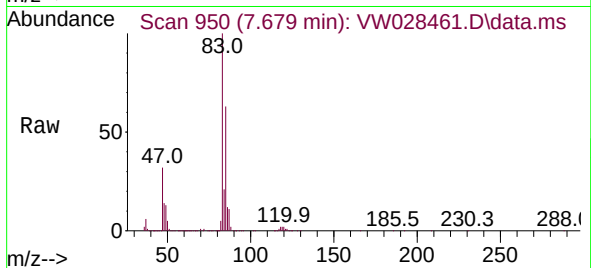
ClientSampleId :

Tgt Ion: 83 Resp: 190708

Ion Ratio Lower Upper

83 100

85 62.9 47.7 88.7



#27

1,2-Dichloroethane

Concen: 23.340 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028461.D

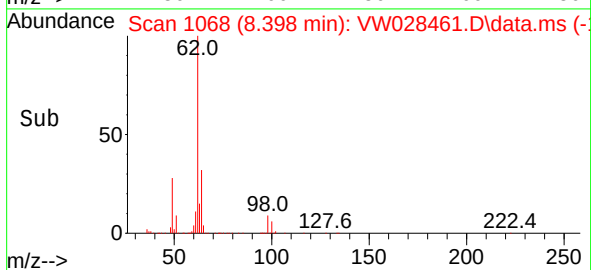
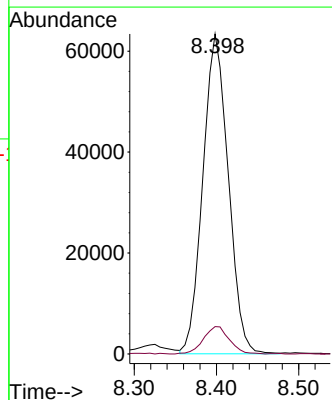
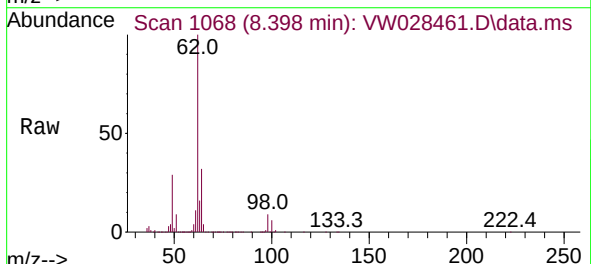
Acq: 16 Apr 2024 18:48

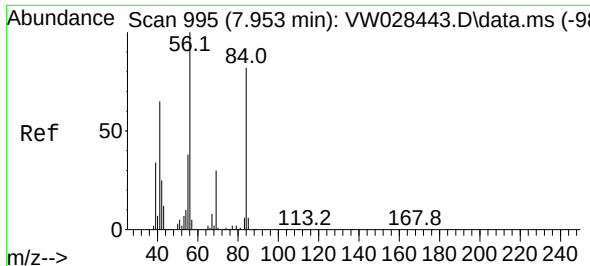
Tgt Ion: 62 Resp: 136030

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 20.702 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :

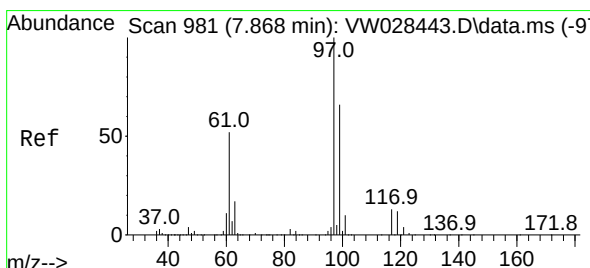
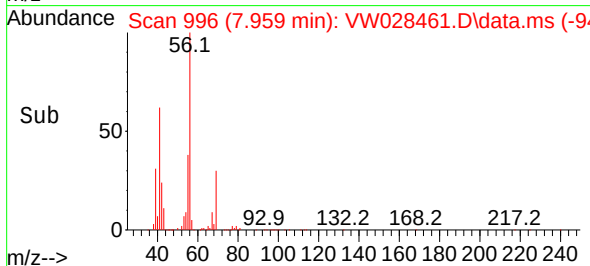
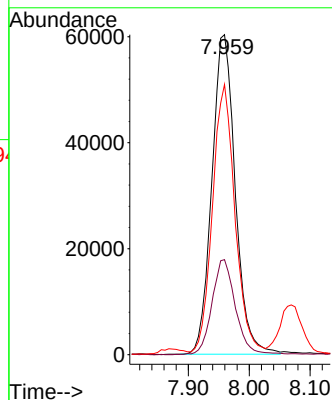
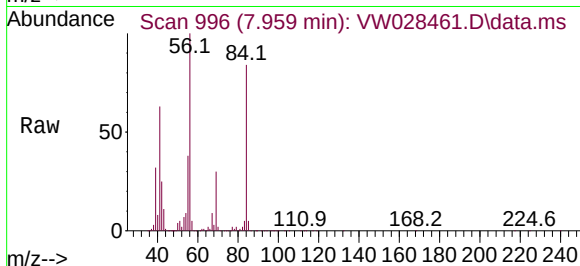
Tgt Ion: 56 Resp: 160919

Ion Ratio Lower Upper

56 100

69 29.4 23.8 35.6

84 81.7 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 21.191 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

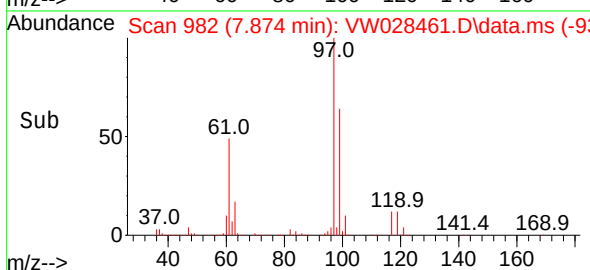
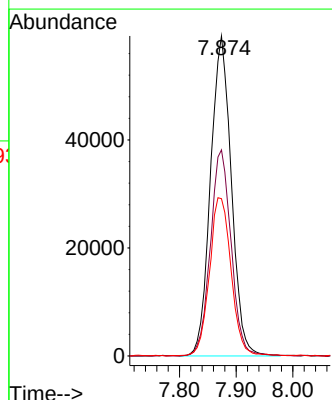
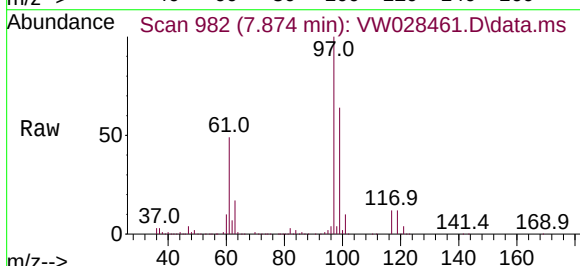
Tgt Ion: 97 Resp: 151239

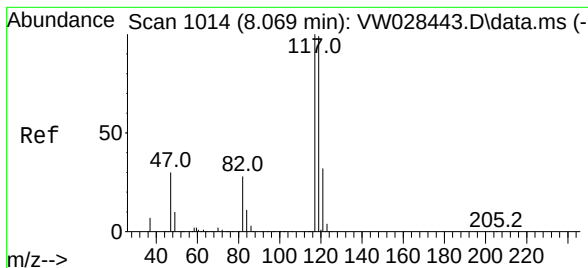
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 51.4 40.5 60.7





#31

Carbon tetrachloride

Concen: 20.779 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

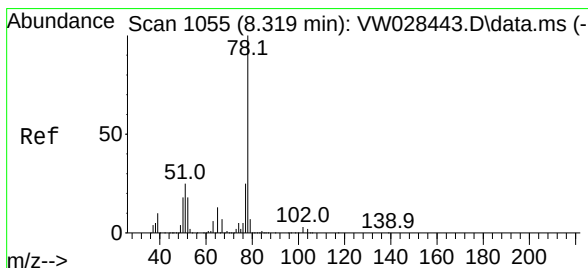
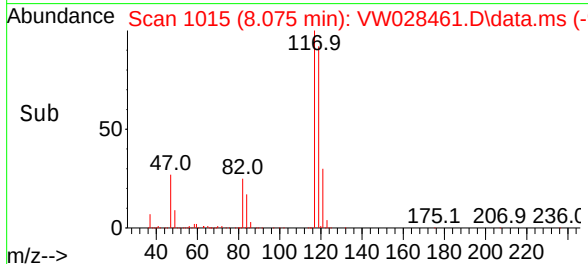
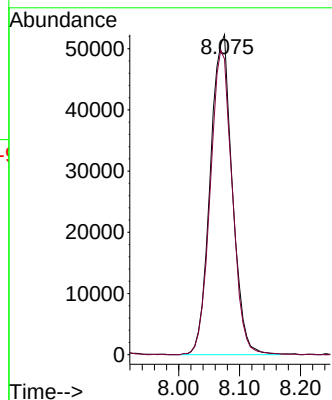
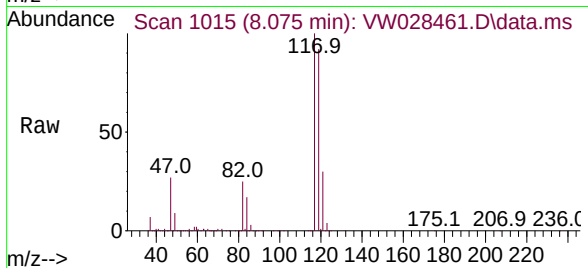
ClientSampleId :

Tgt Ion:117 Resp: 131510

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.2



#33

Benzene

Concen: 22.128 ug/L

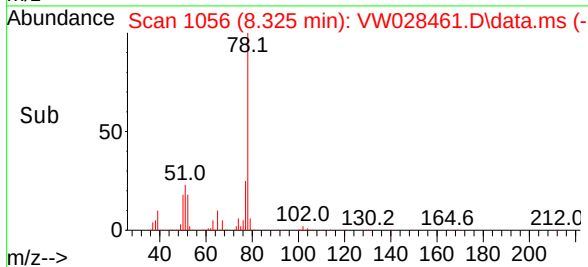
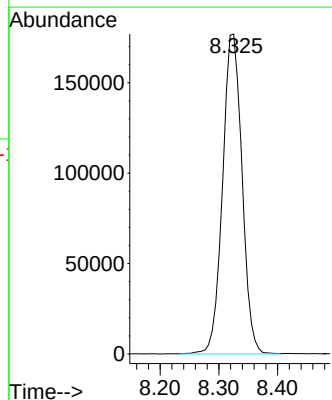
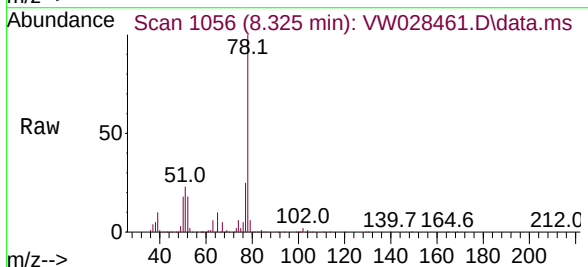
RT: 8.325 min Scan# 1056

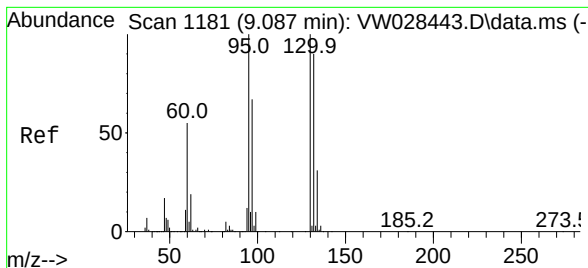
Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Tgt Ion: 78 Resp: 407129





#34

Trichloroethene

Concen: 20.978 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

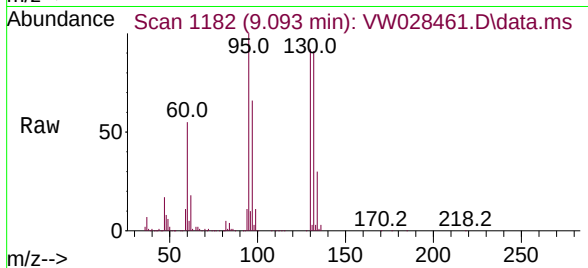
Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 104602

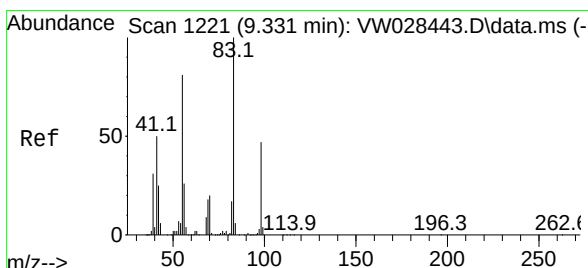
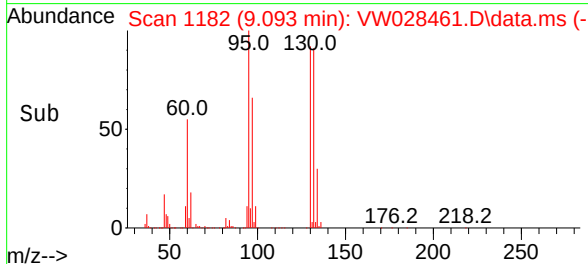
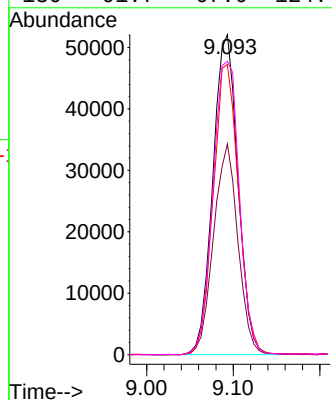
Ion Ratio Lower Upper

95 100

97 65.8 43.8 81.4

132 90.7 66.1 122.8

130 91.7 67.0 124.4



#35

Methylcyclohexane

Concen: 20.359 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

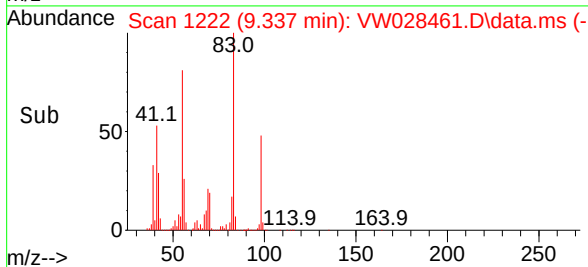
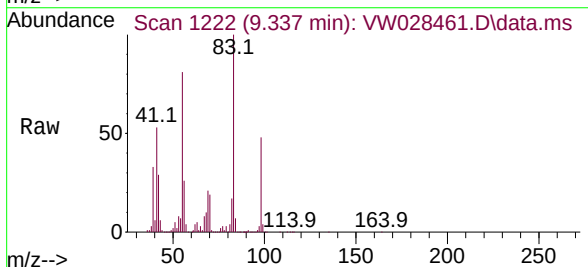
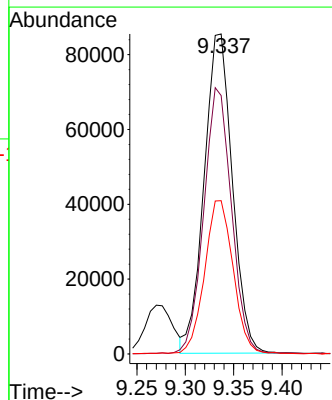
Tgt Ion: 83 Resp: 173224

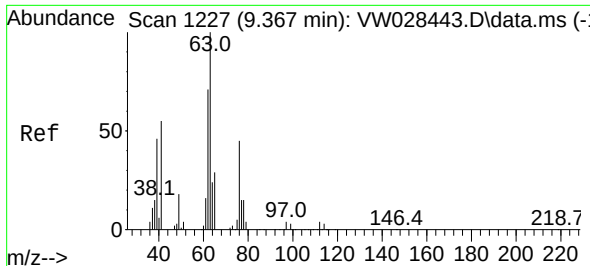
Ion Ratio Lower Upper

83 100

55 81.5 65.7 98.5

98 48.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 22.492 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

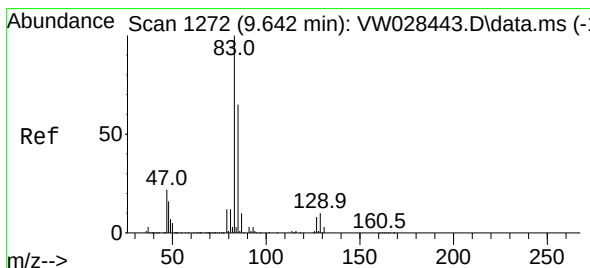
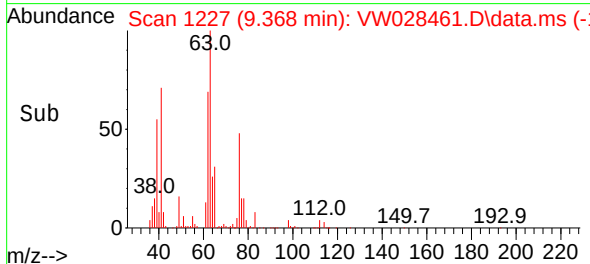
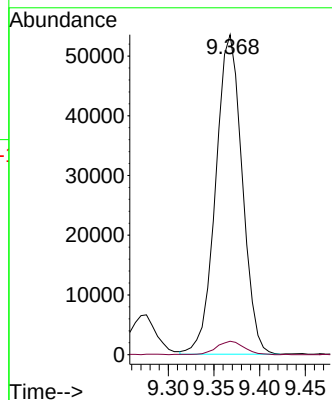
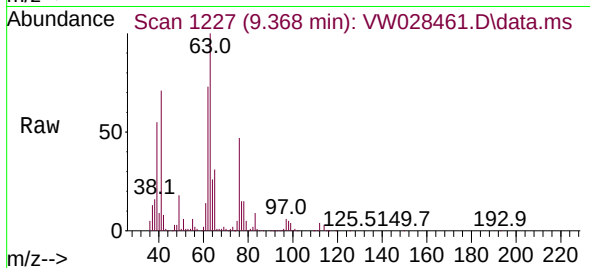
ClientSampleId :

Tgt Ion: 63 Resp: 107859

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 22.865 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

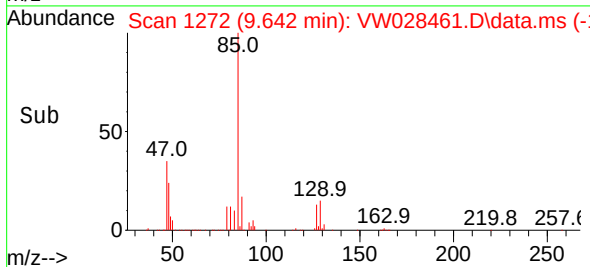
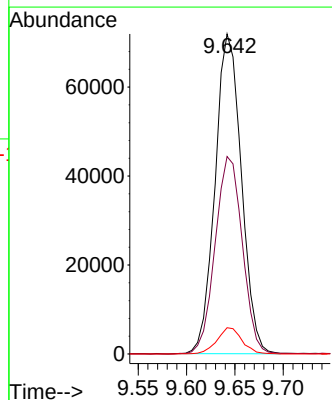
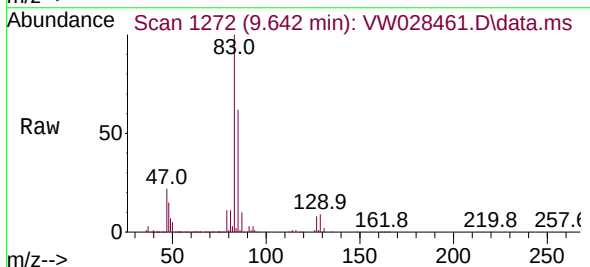
Tgt Ion: 83 Resp: 135909

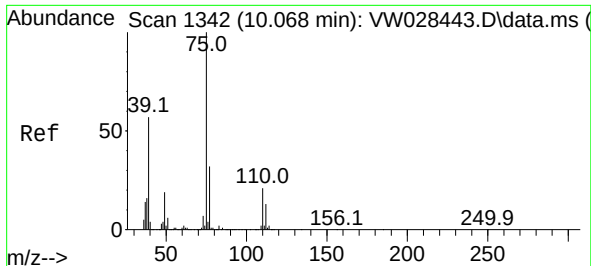
Ion Ratio Lower Upper

83 100

85 61.7 43.1 80.1

127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.766 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

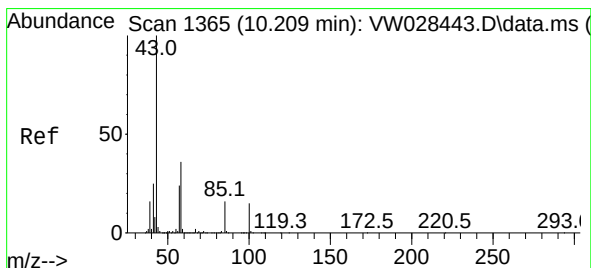
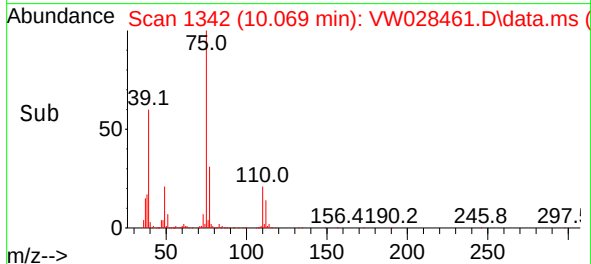
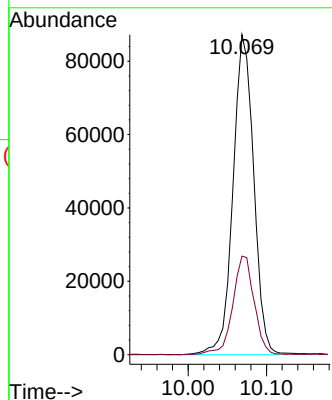
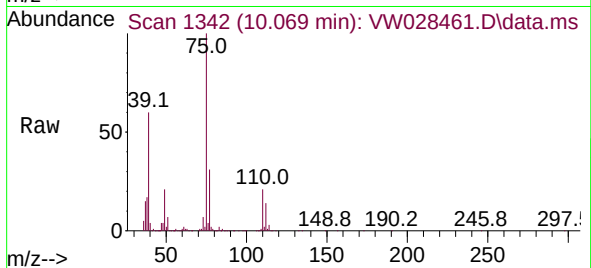
ClientSampleId :

Tgt Ion: 75 Resp: 160098

Ion Ratio Lower Upper

75 100

77 30.8 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 56.761 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

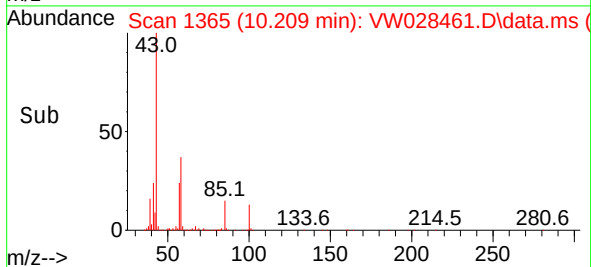
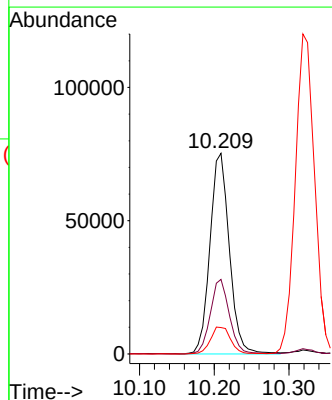
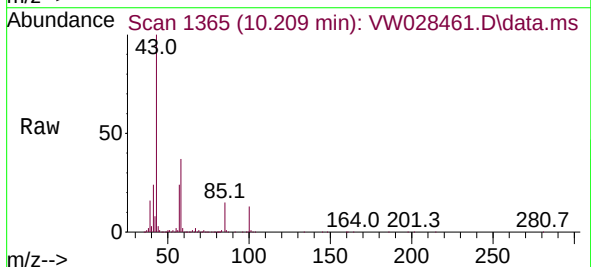
Tgt Ion: 43 Resp: 136261

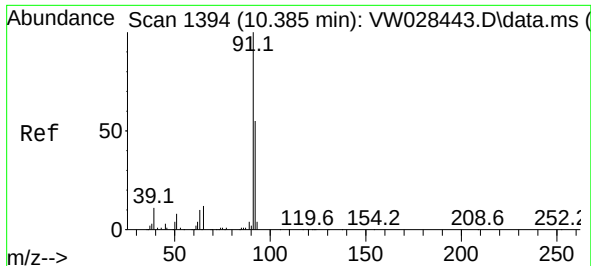
Ion Ratio Lower Upper

43 100

58 36.5 28.6 43.0

100 14.1 10.6 16.0

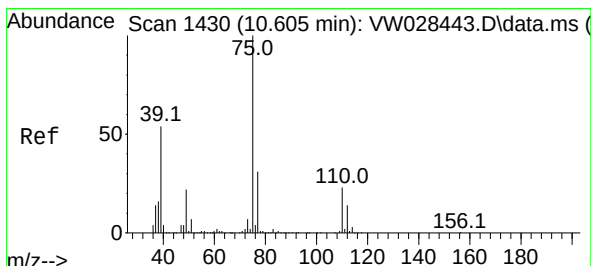
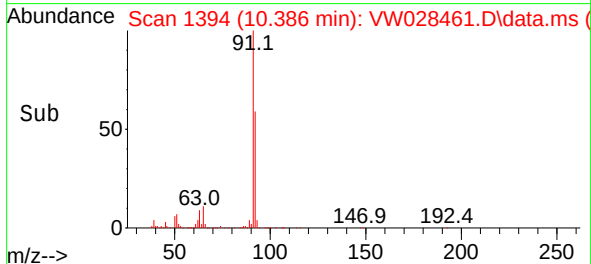
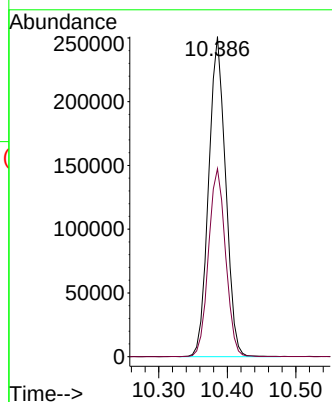
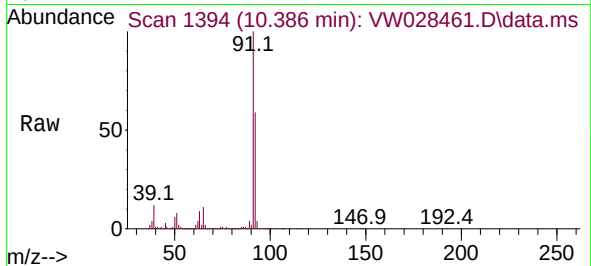




#42
Toluene
Concen: 22.141 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

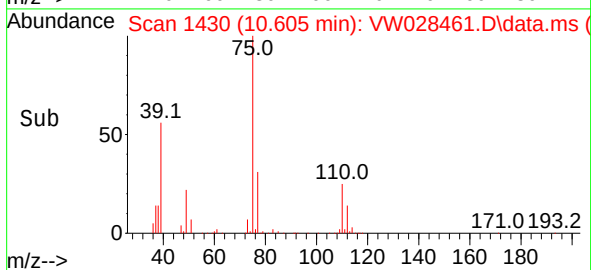
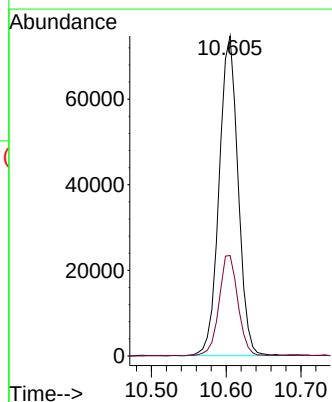
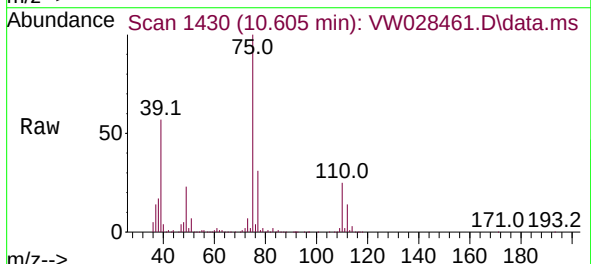
Instrument :
MSVOA_W
ClientSampleId :

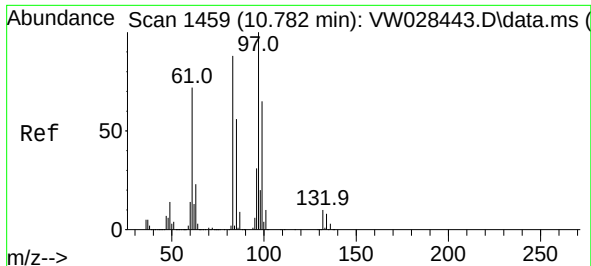
Tgt Ion: 91 Resp: 431567
Ion Ratio Lower Upper
91 100
92 58.7 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 23.127 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 75 Resp: 131569
Ion Ratio Lower Upper
75 100
77 31.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 23.695 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

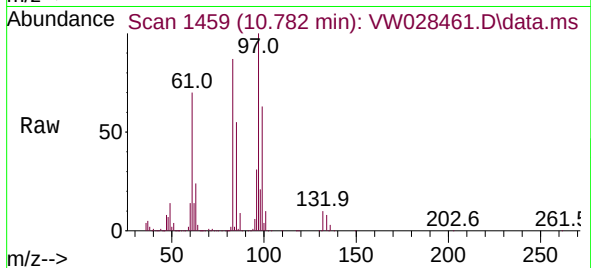
Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 76875

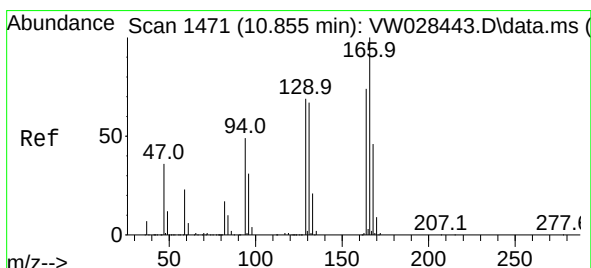
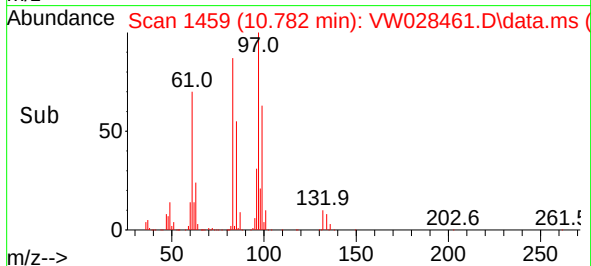
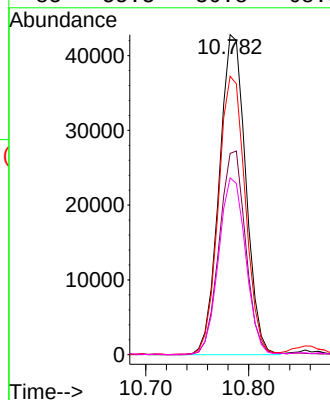
Ion Ratio Lower Upper

97 100

99 62.9 44.2 82.2

83 87.0 56.4 104.7

85 55.3 36.8 68.3



#46

Tetrachloroethene

Concen: 20.663 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Tgt Ion:164 Resp: 76960

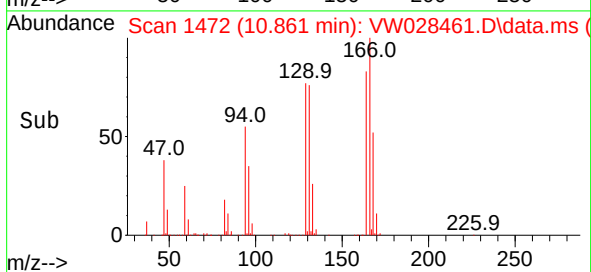
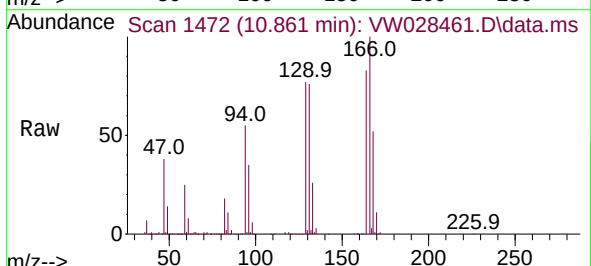
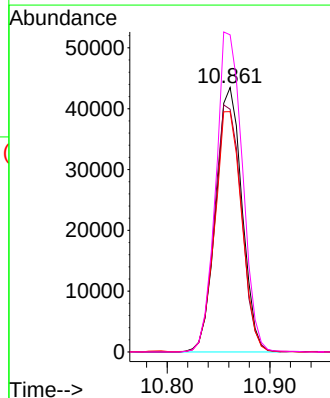
Ion Ratio Lower Upper

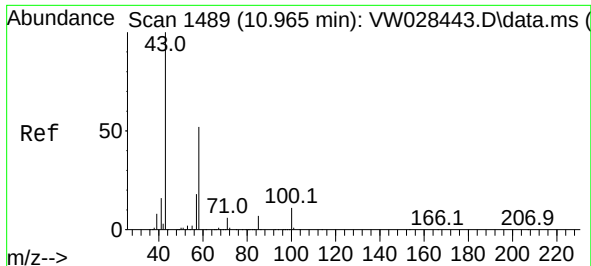
164 100

129 91.8 59.7 110.9

131 90.9 58.2 108.2

166 119.9 78.0 144.8





#48

2-Hexanone

Concen: 49.067 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

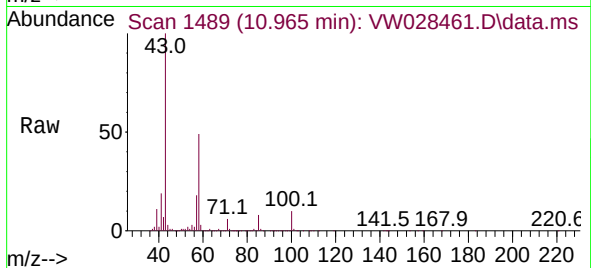
Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 93499

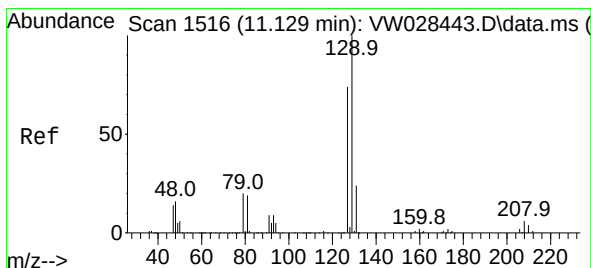
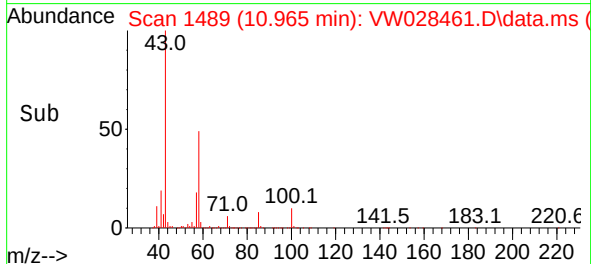
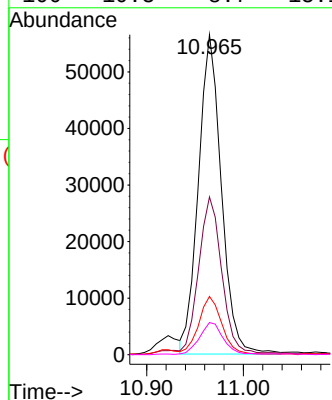
Ion Ratio Lower Upper

43 100

58 48.1 38.9 58.3

57 18.3 14.4 21.6

100 10.3 8.7 13.1



#49

Dibromochloromethane

Concen: 23.931 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW028461.D

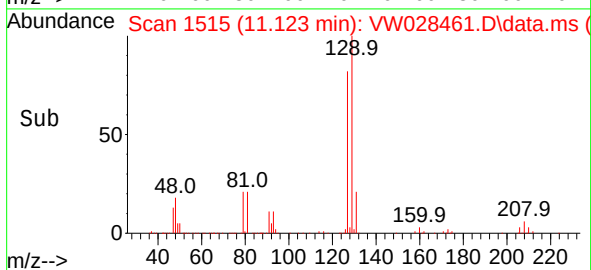
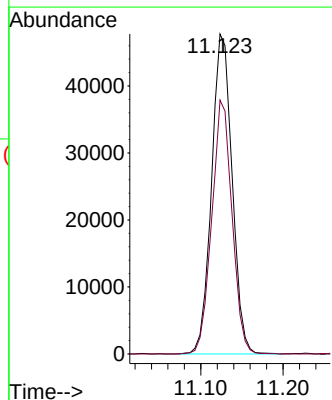
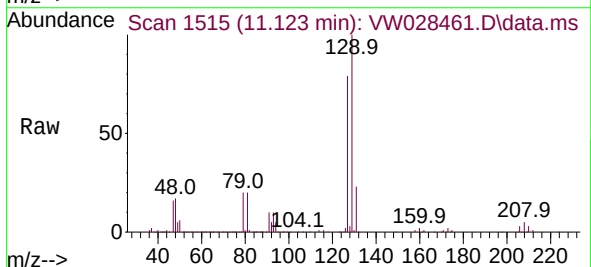
Acq: 16 Apr 2024 18:48

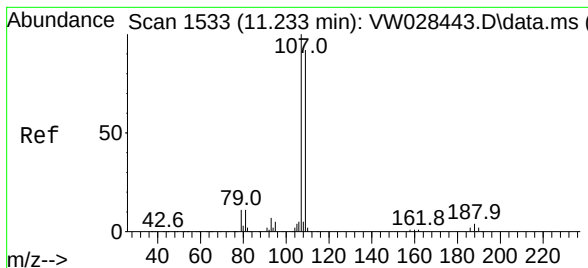
Tgt Ion:129 Resp: 82985

Ion Ratio Lower Upper

129 100

127 79.3 53.0 98.4





#50

1,2-Dibromoethane

Concen: 23.908 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028461.D

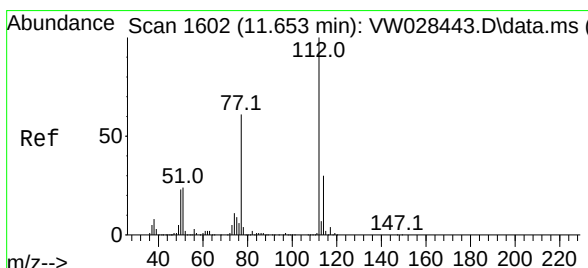
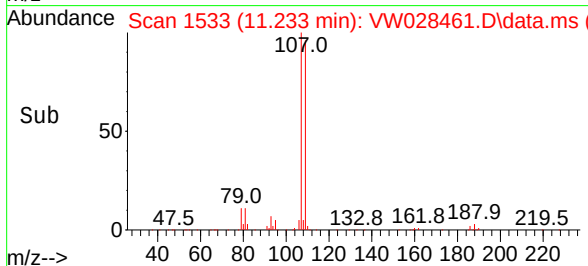
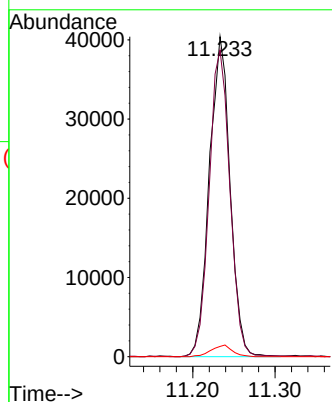
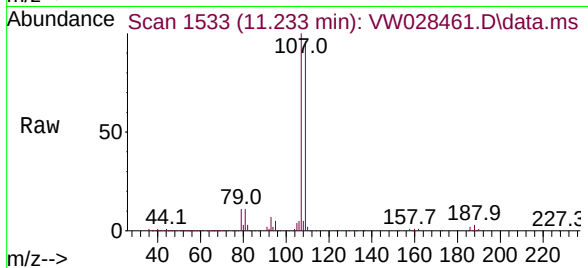
Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	70794
Ion Ratio	Lower	Upper
107	100	
109	95.8	62.1 115.3
188	3.2	3.2 4.8



#51

Chlorobenzene

Concen: 21.786 ug/L

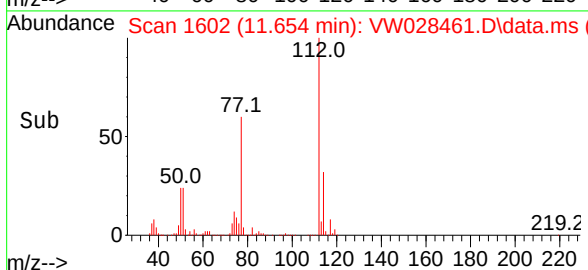
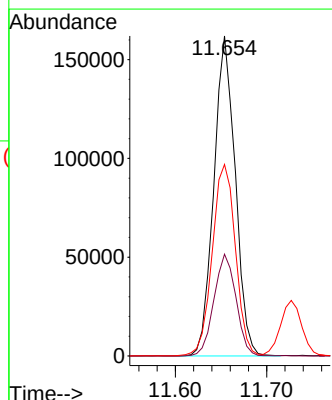
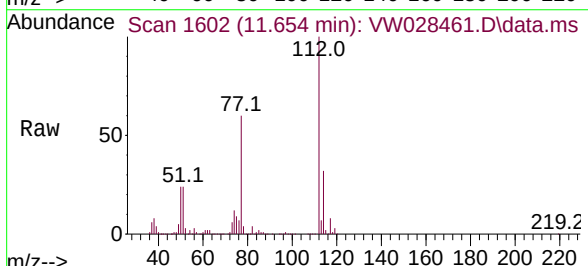
RT: 11.654 min Scan# 1602

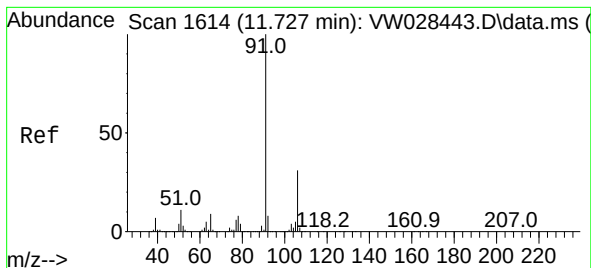
Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Tgt Ion:112	Resp:	263960
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.3 41.3
77	59.8	51.8 77.8





#52

Ethylbenzene

Concen: 22.348 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

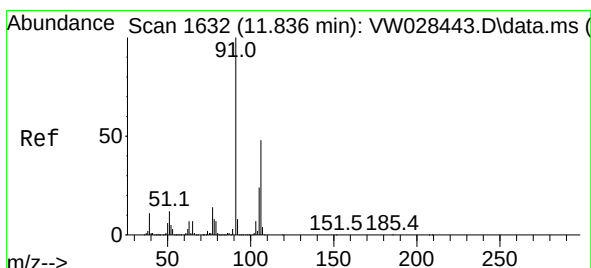
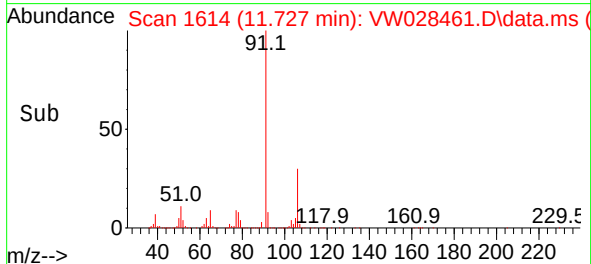
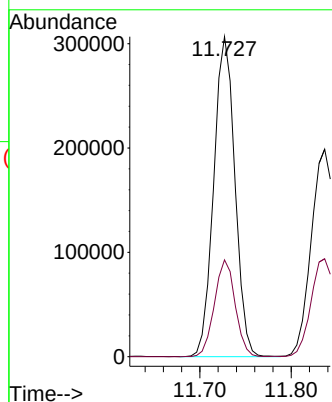
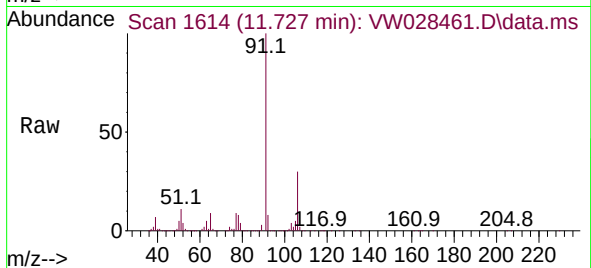
ClientSampleId :

Tgt Ion: 91 Resp: 493789

Ion Ratio Lower Upper

91 100

106 30.2 21.2 39.4



#53

m,p-Xylene

Concen: 21.831 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028461.D

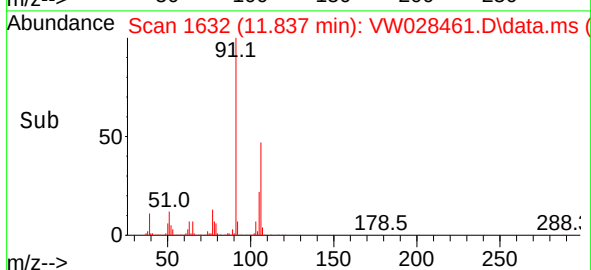
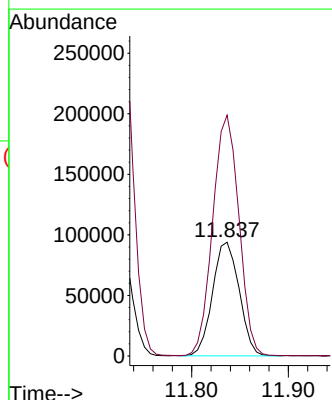
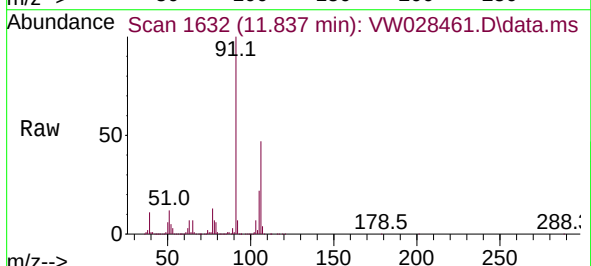
Acq: 16 Apr 2024 18:48

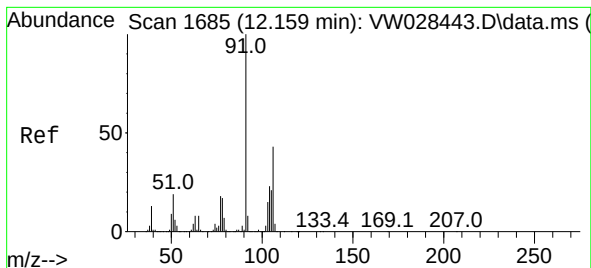
Tgt Ion:106 Resp: 179385

Ion Ratio Lower Upper

106 100

91 211.8 152.4 283.0





#54

o-Xylene

Concen: 22.300 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

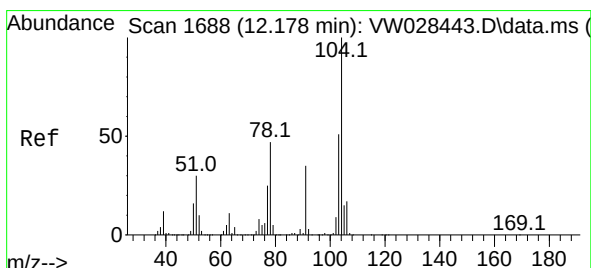
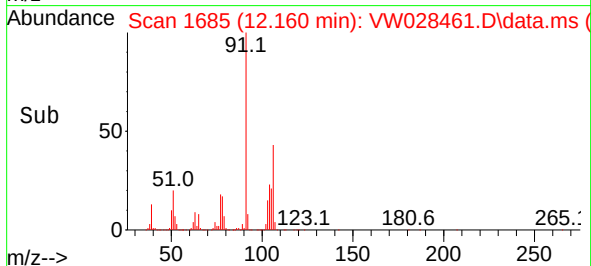
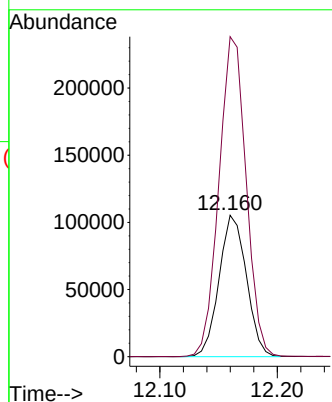
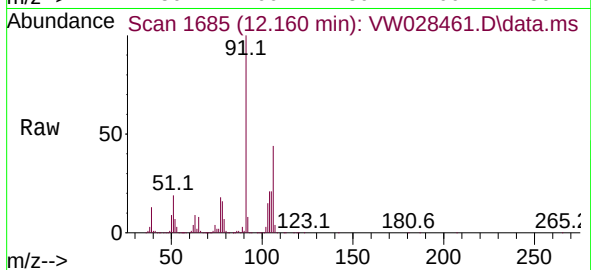
ClientSampleId :

Tgt Ion:106 Resp: 170617

Ion Ratio Lower Upper

106 100

91 226.3 152.9 283.9



#55

Styrene

Concen: 23.386 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028461.D

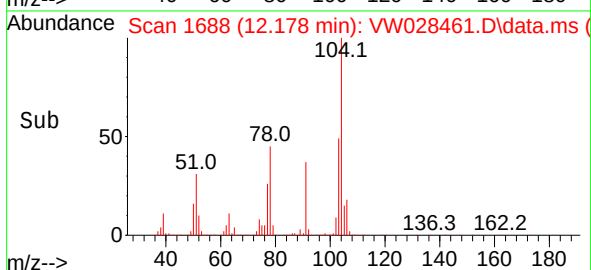
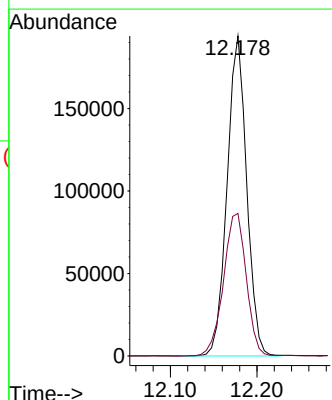
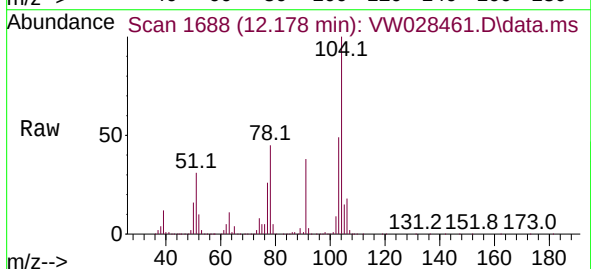
Acq: 16 Apr 2024 18:48

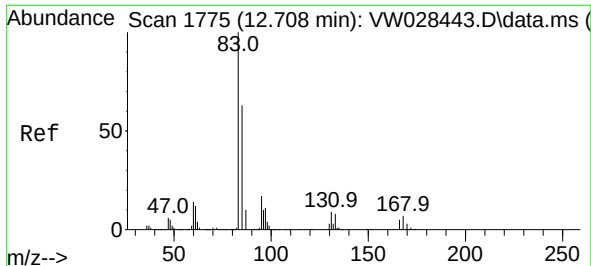
Tgt Ion:104 Resp: 304517

Ion Ratio Lower Upper

104 100

78 44.6 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.263 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028461.D

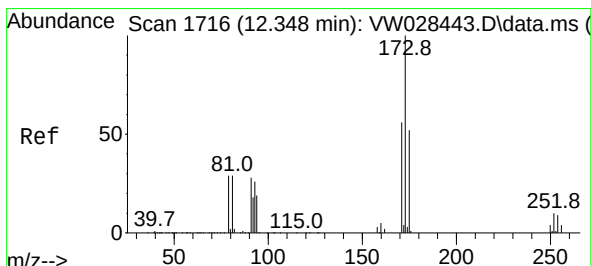
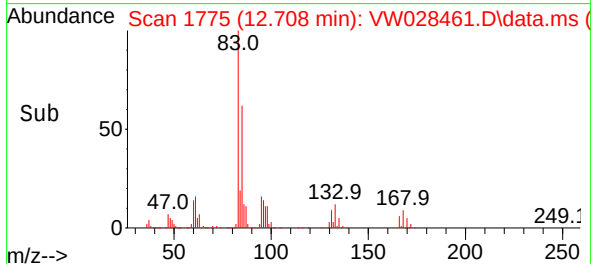
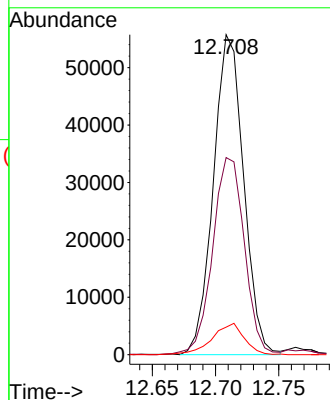
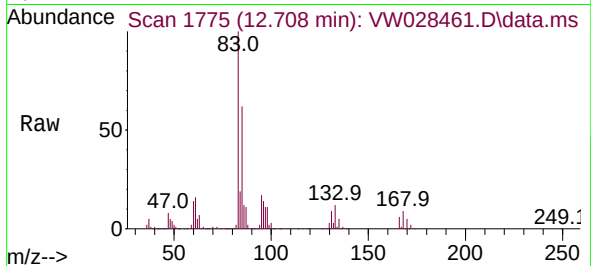
Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	92757
Ion	Ratio	Lower	Upper
83	100		
85	61.6	43.4	80.6
131	8.6	8.0	12.0



#59

Bromoform

Concen: 23.937 ug/L

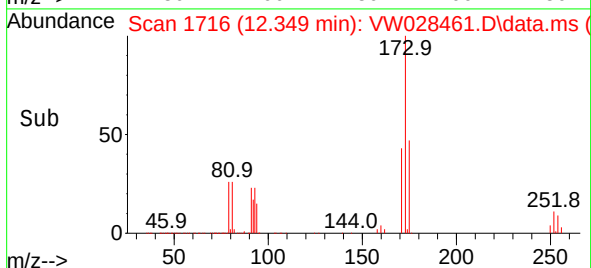
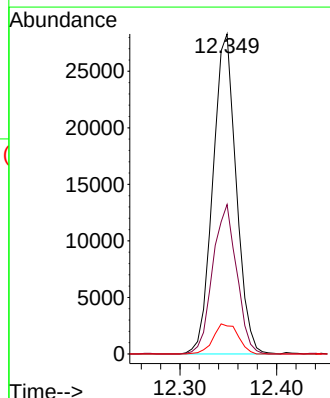
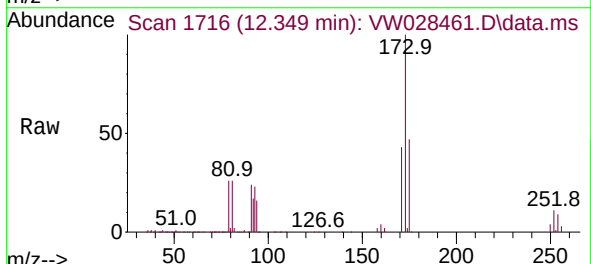
RT: 12.349 min Scan# 1716

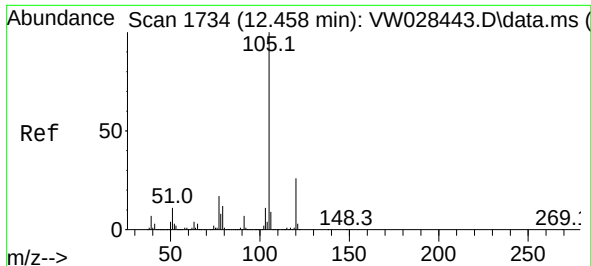
Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

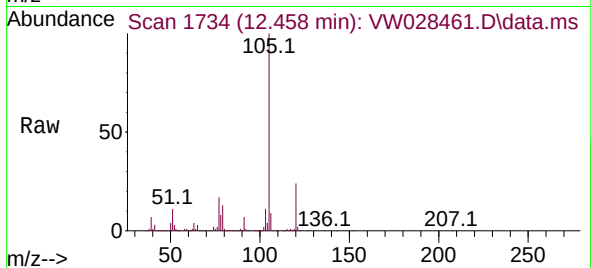
Tgt Ion:	173	Resp:	47403
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.2	58.8
254	10.0	8.3	12.5



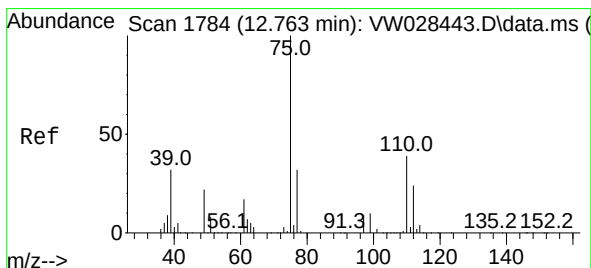
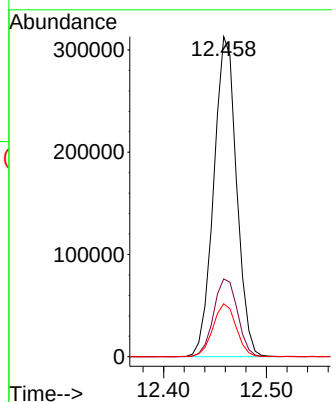
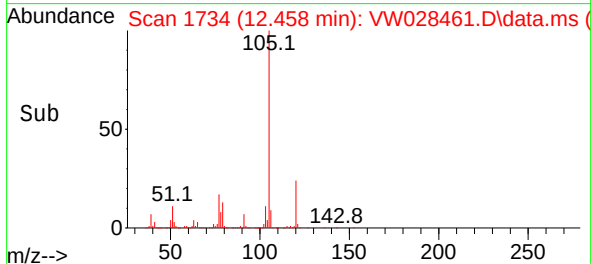


#60
Isopropylbenzene
Concen: 21.493 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Instrument :
MSVOA_W
ClientSampleId :

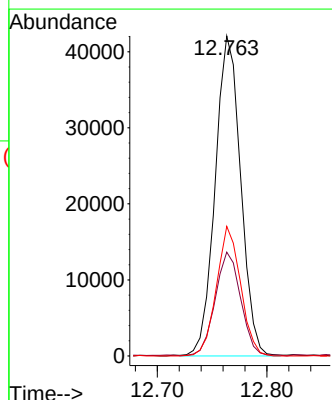
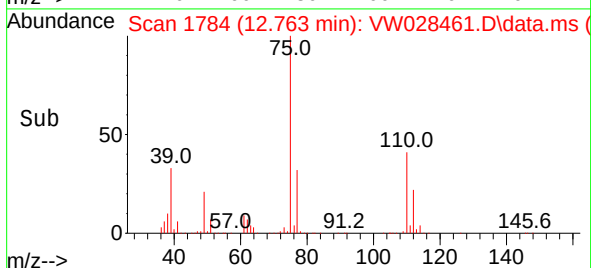
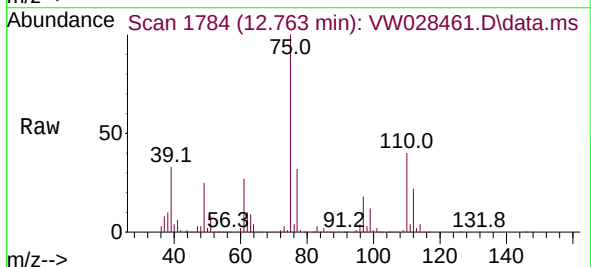


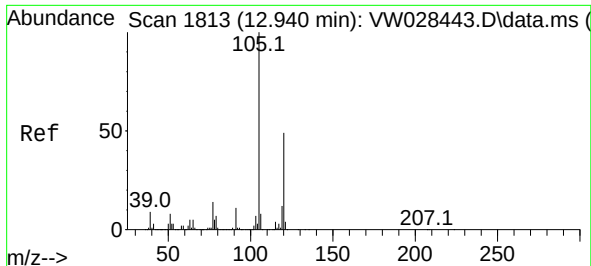
Tgt Ion:105 Resp: 483420
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2
77 16.8 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 24.839 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 75 Resp: 68130
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 38.2 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 22.184 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

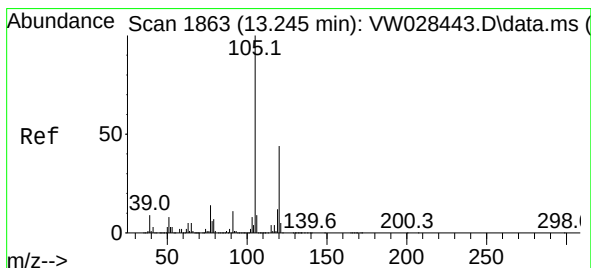
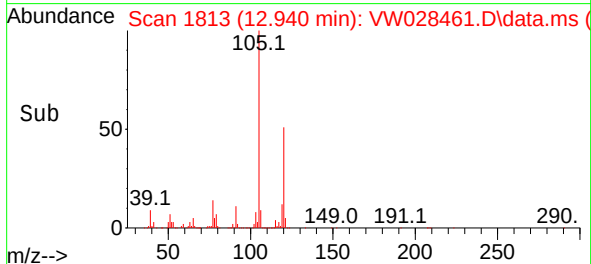
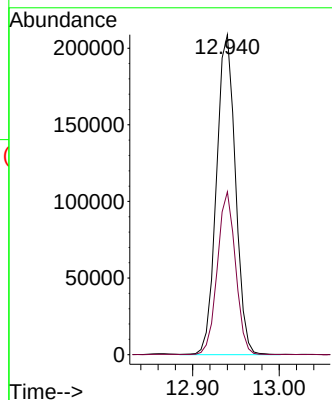
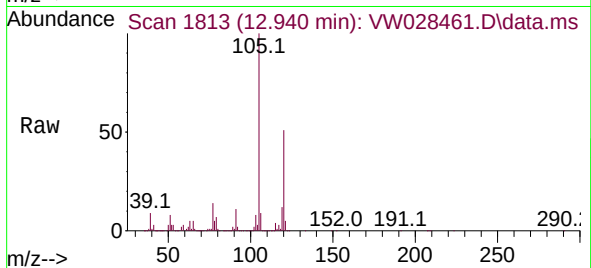
ClientSampleId :

Tgt Ion:105 Resp: 318014

Ion Ratio Lower Upper

105 100

120 48.6 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 21.851 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028461.D

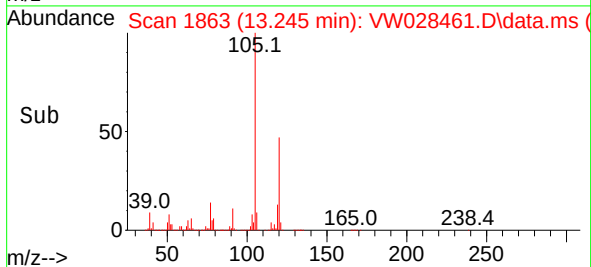
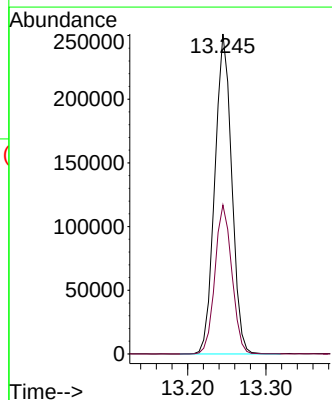
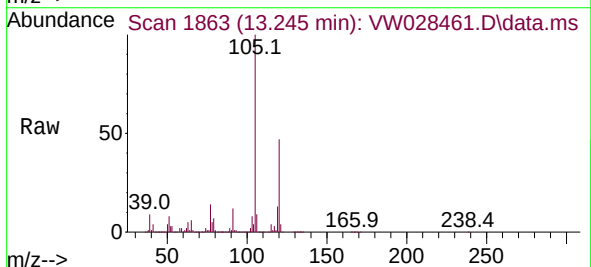
Acq: 16 Apr 2024 18:48

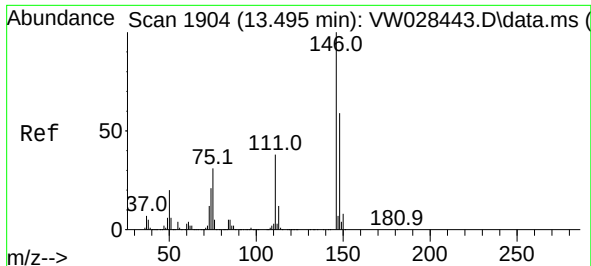
Tgt Ion:105 Resp: 376980

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.0

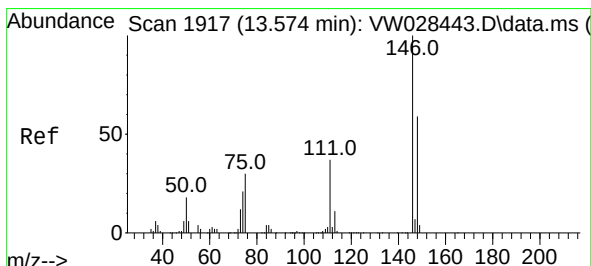
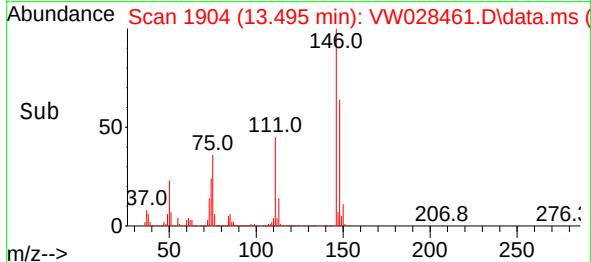
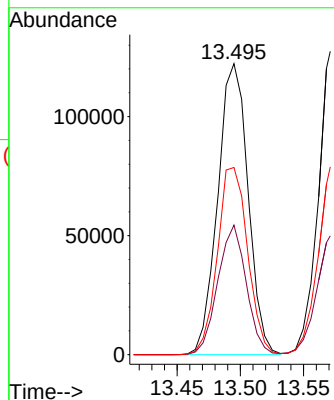
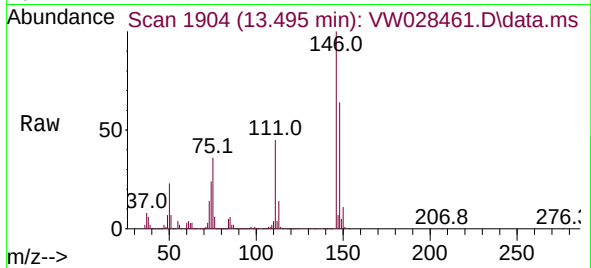




#64
1,3-Dichlorobenzene
Concen: 21.347 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

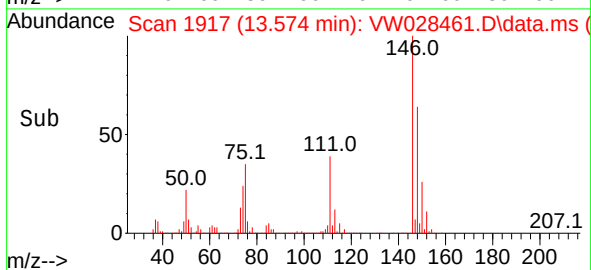
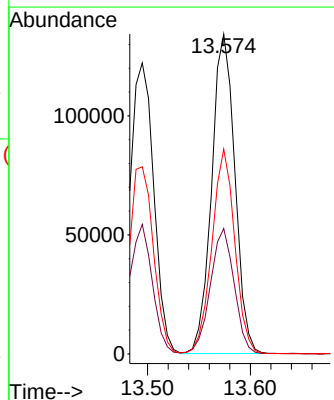
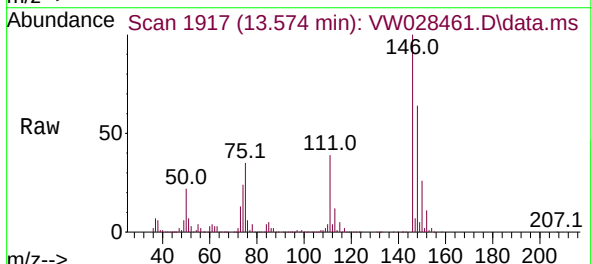
Instrument :
MSVOA_W
ClientSampleId :

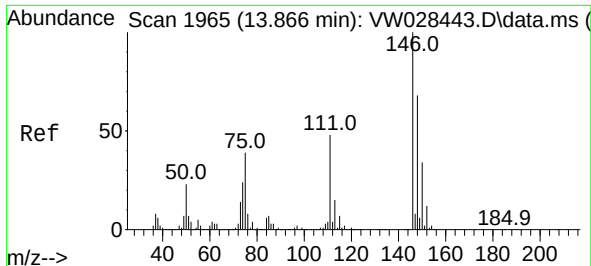
Tgt Ion:146 Resp: 203722
Ion Ratio Lower Upper
146 100
111 44.5 29.8 55.3
148 64.3 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 21.708 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion:146 Resp: 210740
Ion Ratio Lower Upper
146 100
111 39.2 30.3 56.3
148 64.0 47.3 87.8

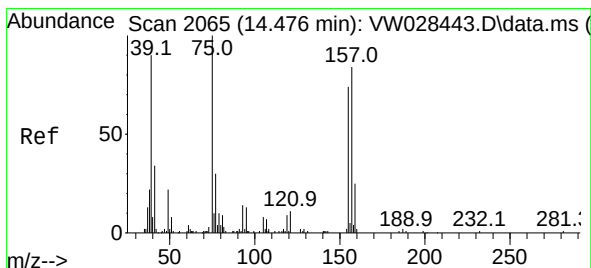
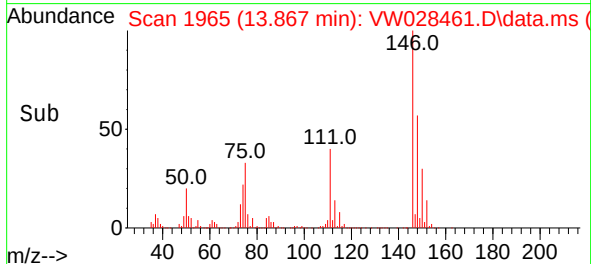
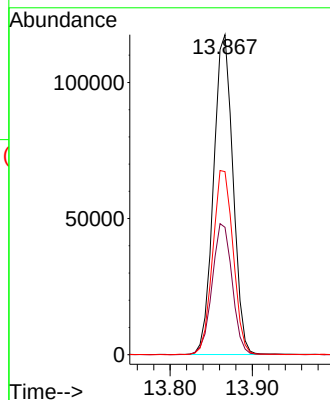
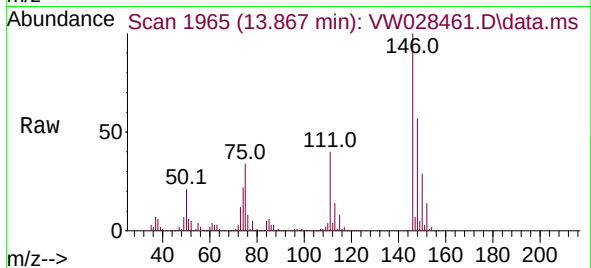




#67
1,2-Dichlorobenzene
Concen: 22.984 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

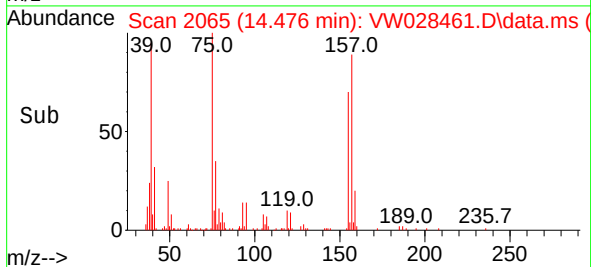
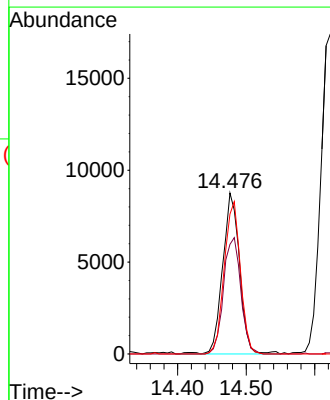
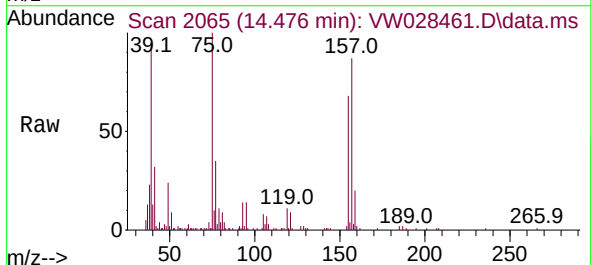
Instrument :
MSVOA_W
ClientSampleId :

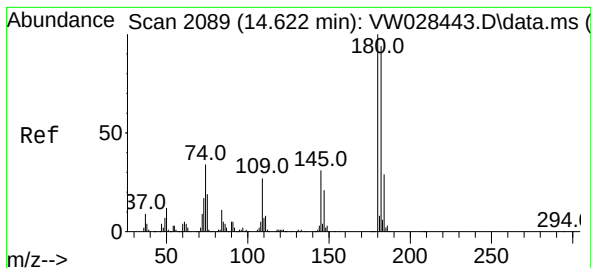
Tgt Ion:146 Resp: 192942
Ion Ratio Lower Upper
146 100
111 39.8 31.4 47.2
148 57.2 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.846 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028461.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 75 Resp: 14988
Ion Ratio Lower Upper
75 100
155 68.2 61.2 91.8
157 86.9 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 20.695 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

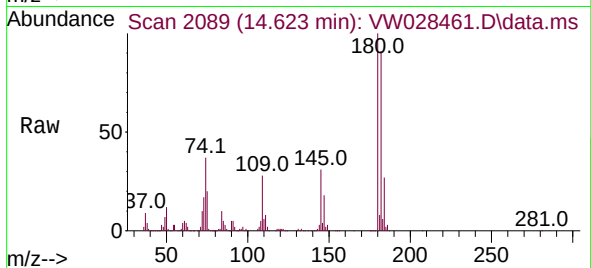
Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 135907

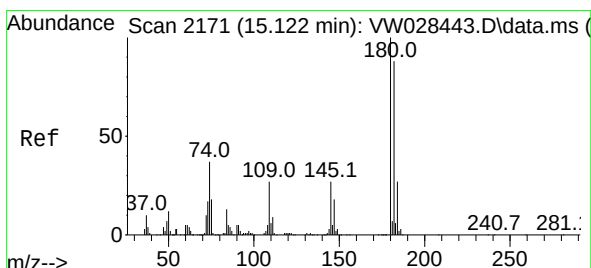
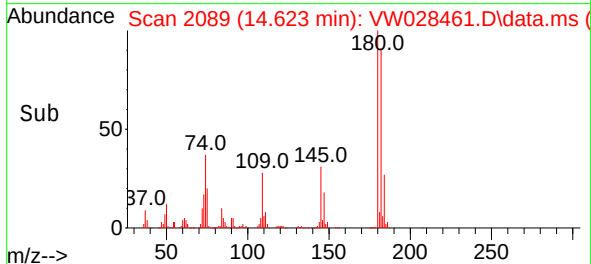
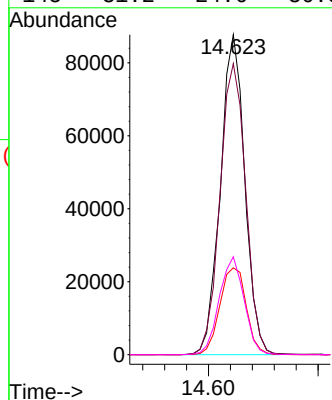
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.0

184 29.3 24.8 37.2

145 31.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 22.833 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

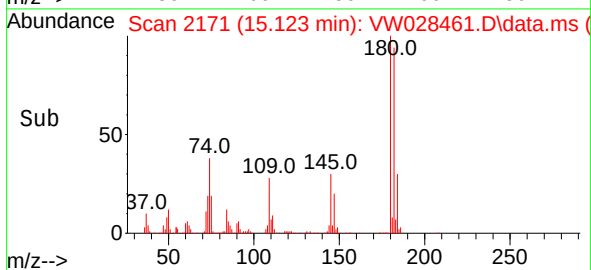
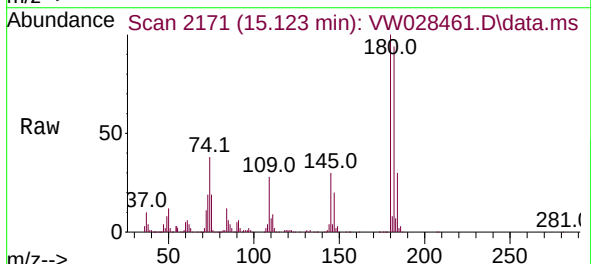
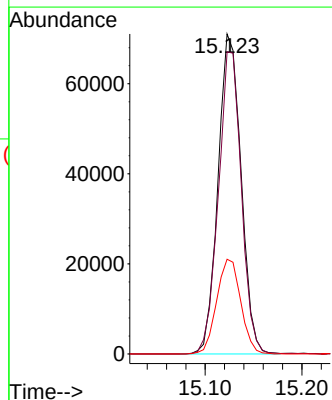
Tgt Ion:180 Resp: 117096

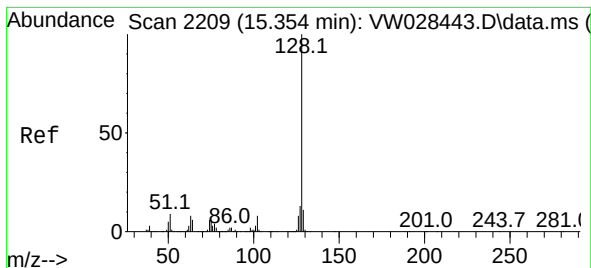
Ion Ratio Lower Upper

180 100

182 94.3 71.5 107.3

145 30.9 23.5 35.3





#71

Naphthalene

Concen: 25.435 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_W

ClientSampleId :

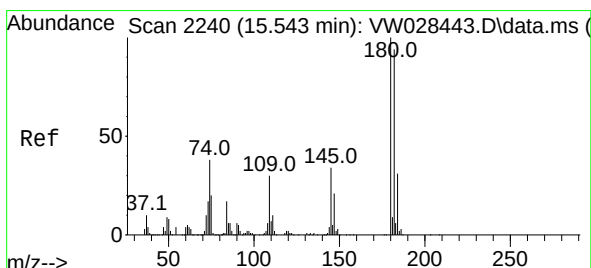
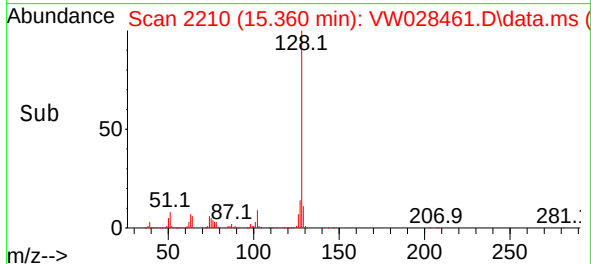
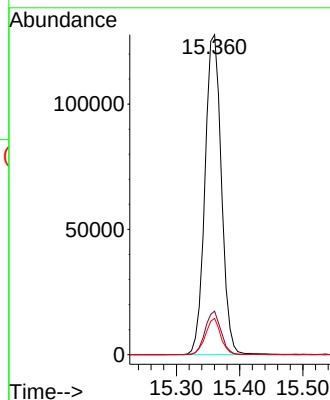
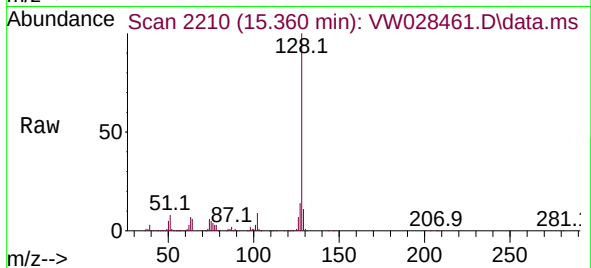
Tgt Ion:128 Resp: 230856

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 21.730 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028461.D

Acq: 16 Apr 2024 18:48

Tgt Ion:180 Resp: 98889

Ion Ratio Lower Upper

180 100

182 93.5 75.7 113.5

145 33.4 26.2 39.4

