

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021924\
 Data File : VW028043.D
 Acq On : 19 Feb 2024 12:50
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 20 00:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 20 00:28:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	300207	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	279289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	64862	18.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
7) Chloroethane-d5	2.899	69	59828	22.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.720%
11) 1,1-Dichloroethene-d2	4.015	65	30229	20.093	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.360%
21) 2-Butanone-d5	7.081	46	31293	57.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.560%
24) Chloroform-d	7.648	84	165211	23.536	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.300	65	78907	24.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.560%
32) Benzene-d6	8.270	84	320196	21.428	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.720%
36) 1,2-Dichloropropane-d6	9.270	67	90437	22.322	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	10.318	98	311327	21.775	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.120%
43) trans-1,3-Dichloroprop...	10.574	79	39556	23.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.960%
47) 2-Hexanone-d5	10.922	63	30663	55.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78425	25.898	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	113004	23.001	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	58439	22.605	ug/L	92
3) Chloromethane	2.222	50	50745	17.873	ug/L	100
5) Vinyl chloride	2.375	62	76578	19.900	ug/L	98
6) Bromomethane	2.789	94	58190	21.401	ug/L	96
8) Chloroethane	2.936	64	50037	23.014	ug/L	97
9) Trichlorofluoromethane	3.271	101	69816	19.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	76663	21.748	ug/L	97
12) 1,1-Dichloroethene	4.045	96	73077	22.285	ug/L	88
13) Acetone	4.149	43	25094	47.236	ug/L	93
14) Carbon disulfide	4.393	76	187990	19.364	ug/L	99
15) Methyl Acetate	4.679	43	22894	25.887	ug/L	96
16) Methylene chloride	4.917	84	82461	21.976	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	77396	21.967	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	111207	26.625	ug/L	99
19) 1,1-Dichloroethane	6.222	63	134703	23.535	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	88237	23.717	ug/L	97
22) 2-Butanone	7.173	43	32579	53.126	ug/L	97
23) Bromochloromethane	7.514	128	39970	24.186	ug/L	89
25) Chloroform	7.673	83	151974	24.699	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Tue Feb 20 00:28:09 2024
 Response via : Initial Calibration

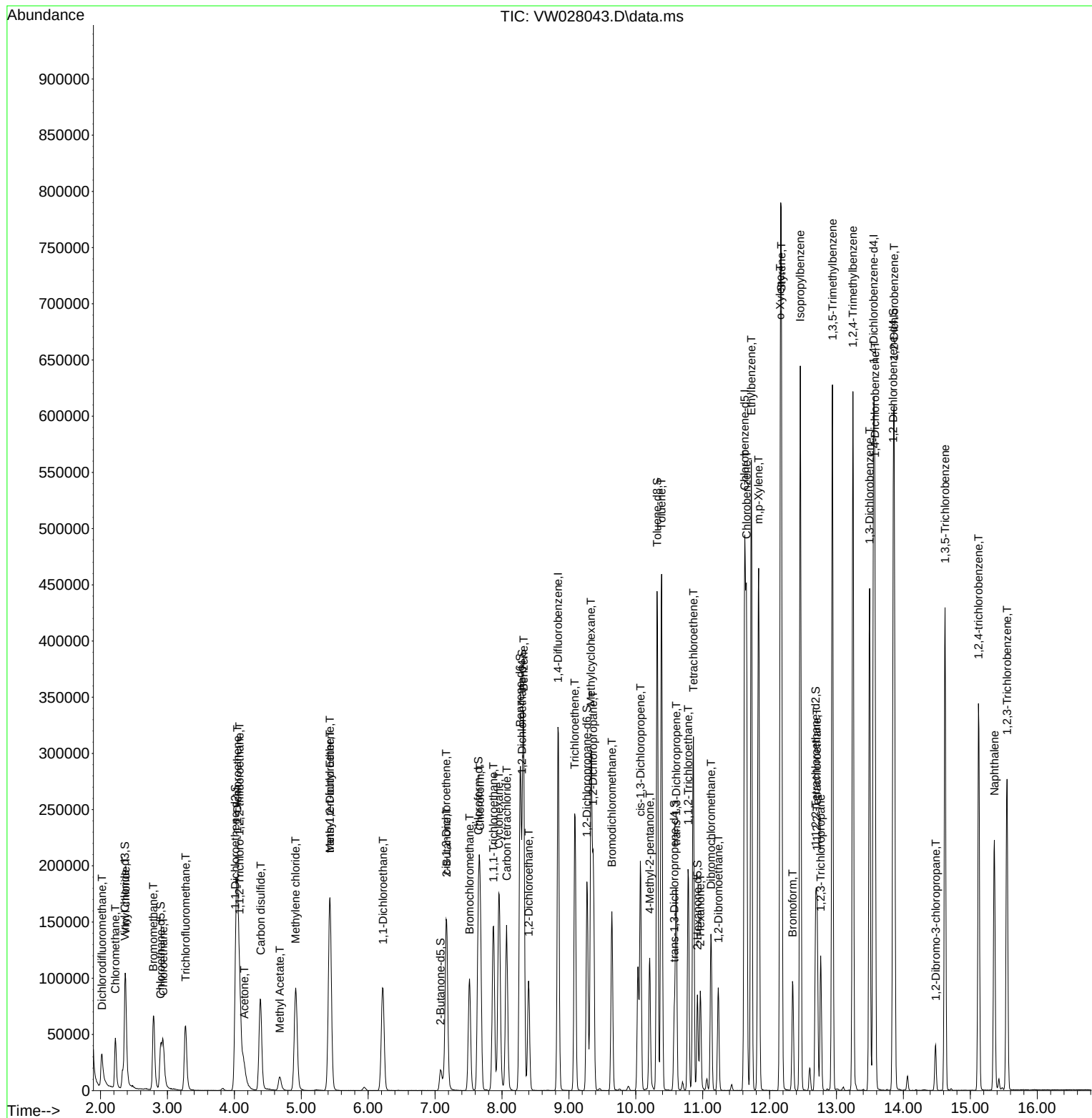
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	91328	26.654	ug/L #	94
29) Cyclohexane	7.953	56	103054	20.702	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	128565	23.846	ug/L	98
31) Carbon tetrachloride	8.069	117	115668	23.190	ug/L	99
33) Benzene	8.325	78	313279	22.458	ug/L	100
34) Trichloroethene	9.087	95	88076	21.994	ug/L	98
35) Methylcyclohexane	9.331	83	138228	20.976	ug/L	99
37) 1,2-Dichloropropane	9.361	63	76942	23.473	ug/L	99
38) Bromodichloromethane	9.642	83	110118	25.167	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	128723	24.500	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	68669	55.503	ug/L	99
42) Toluene	10.385	91	352438	22.534	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	105354	25.264	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	66617	25.676	ug/L	97
46) Tetrachloroethene	10.861	164	72361	21.475	ug/L	92
48) 2-Hexanone	10.965	43	49701	53.037	ug/L	98
49) Dibromochloromethane	11.123	129	78620	26.579	ug/L	93
50) 1,2-Dibromoethane	11.233	107	62685	25.884	ug/L	87
51) Chlorobenzene	11.654	112	240642	23.133	ug/L	97
52) Ethylbenzene	11.727	91	399963	22.681	ug/L	99
53) m,p-Xylene	11.836	106	160441	23.200	ug/L	97
54) o-Xylene	12.160	106	151252	23.320	ug/L	96
55) Styrene	12.178	104	262305	24.280	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	73122	26.318	ug/L	100
59) Bromoform	12.342	173	46853	27.463	ug/L	99
60) Isopropylbenzene	12.458	105	426915	23.655	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	50335	26.093	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	347153	24.037	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	344503	24.376	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	195181	23.542	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	192014	22.779	ug/L	85
67) 1,2-Dichlorobenzene	13.860	146	180687	24.675	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	10364	27.061	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	138160	23.207	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	120753	25.117	ug/L	97
71) Naphthalene	15.360	128	206557	27.649	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102993	25.677	ug/L	95

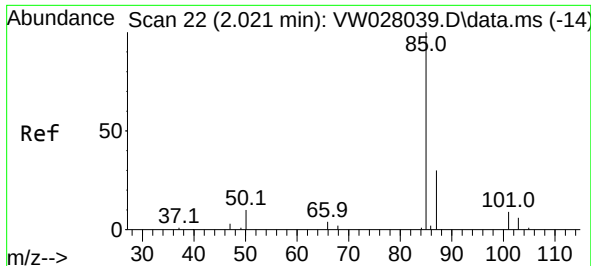
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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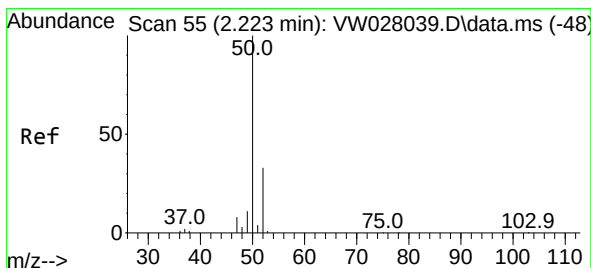
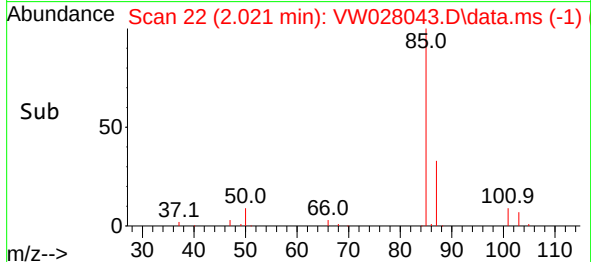
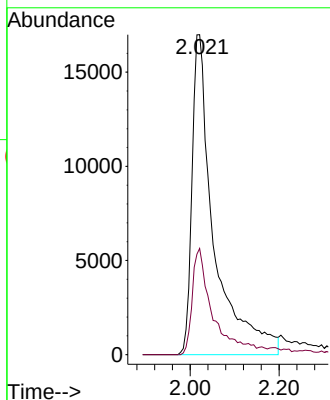
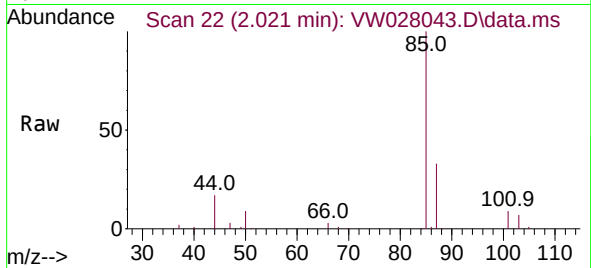




#2
 Dichlorodifluoromethane
 Concen: 22.605 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

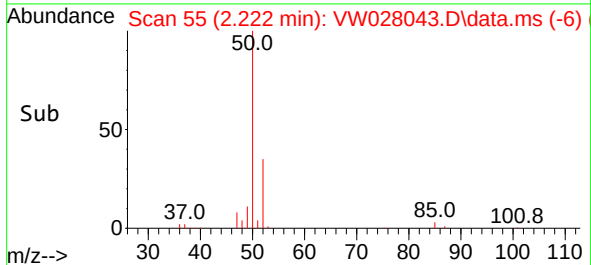
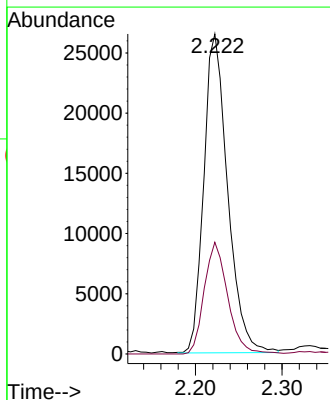
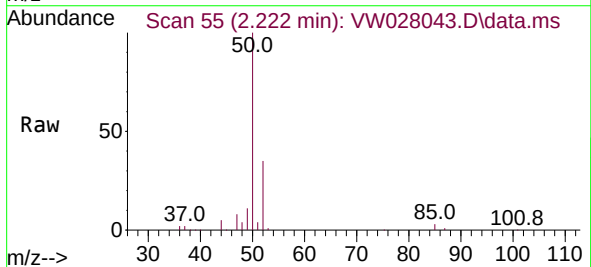
Instrument :
 MSVOA_W
 ClientSampleId :

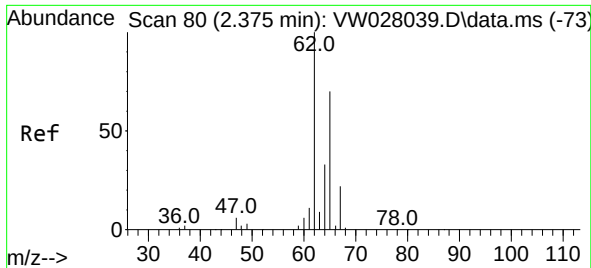
Tgt Ion: 85 Resp: 58439
 Ion Ratio Lower Upper
 85 100
 87 26.9 25.3 37.9



#3
 Chloromethane
 Concen: 17.873 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

Tgt Ion: 50 Resp: 50745
 Ion Ratio Lower Upper
 50 100
 52 34.9 24.3 45.1

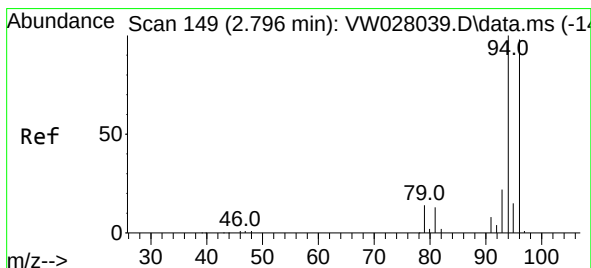
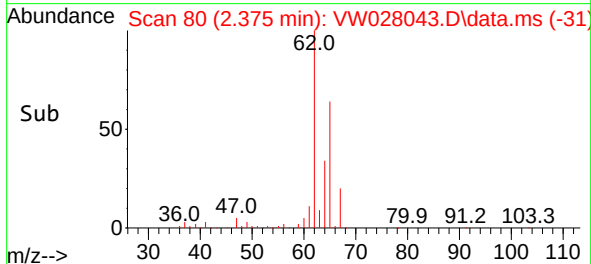
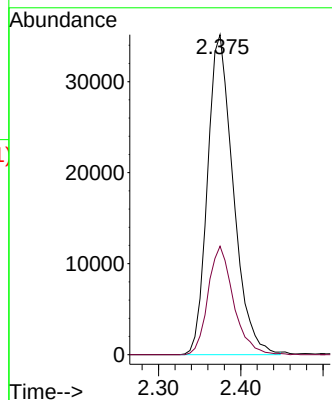
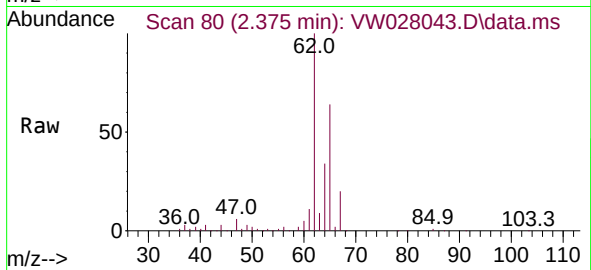




#5
 Vinyl chloride
 Concen: 19.900 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

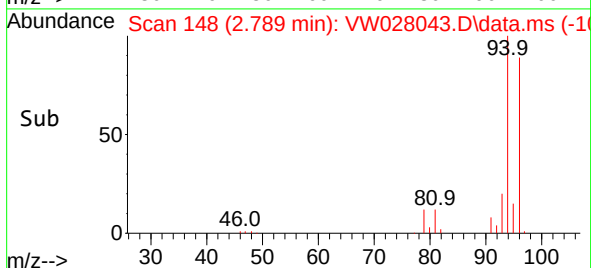
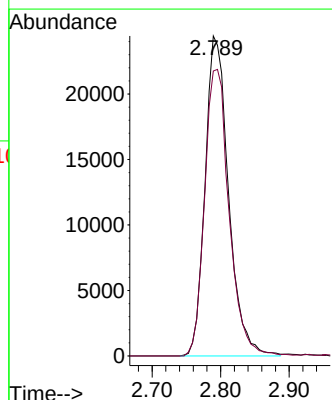
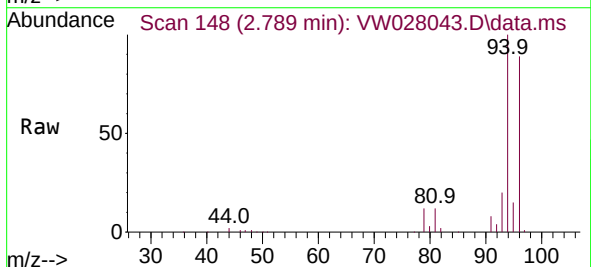
Instrument :
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 ClientSampleId :

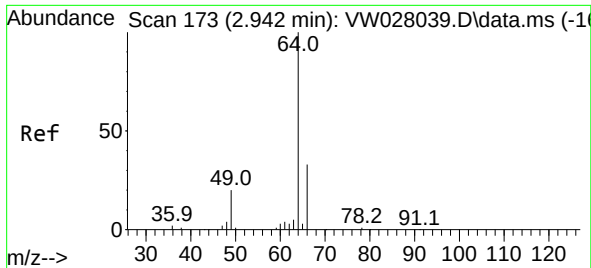
Tgt Ion: 62 Resp: 76578
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.0 42.6



#6
 Bromomethane
 Concen: 21.401 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

Tgt Ion: 94 Resp: 58190
 Ion Ratio Lower Upper
 94 100
 96 89.1 65.3 121.3

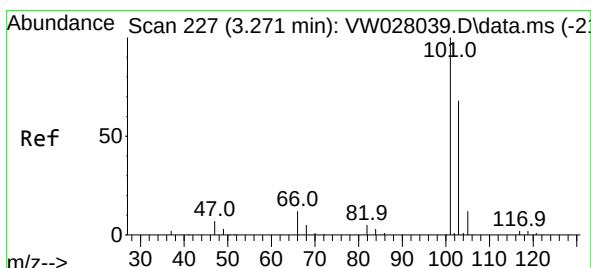
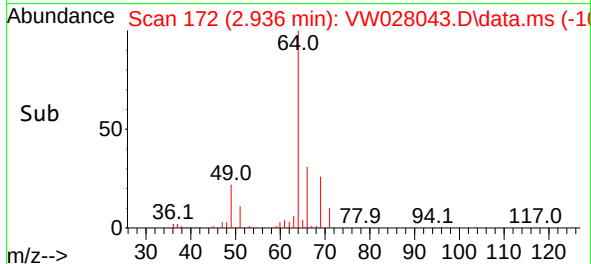
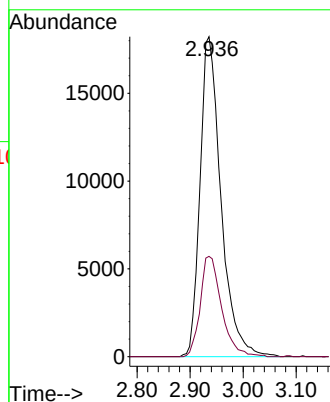
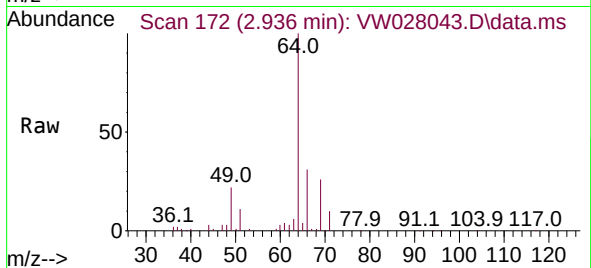




#8
Chloroethane
Concen: 23.014 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

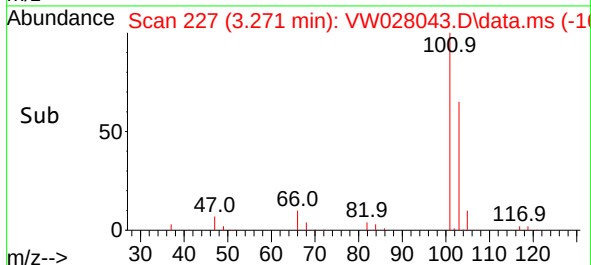
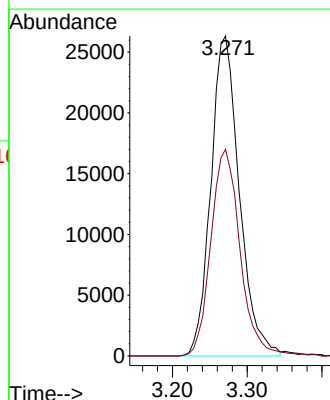
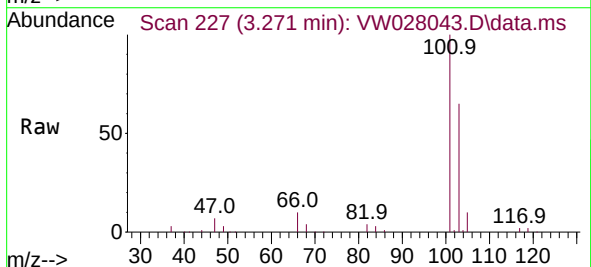
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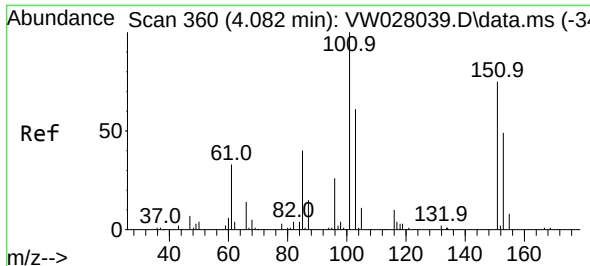
Tgt Ion: 64 Resp: 50037
Ion Ratio Lower Upper
64 100
66 31.3 20.9 38.7



#9
Trichlorofluoromethane
Concen: 19.963 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion:101 Resp: 69816
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

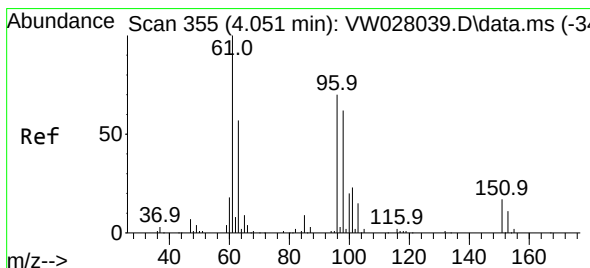
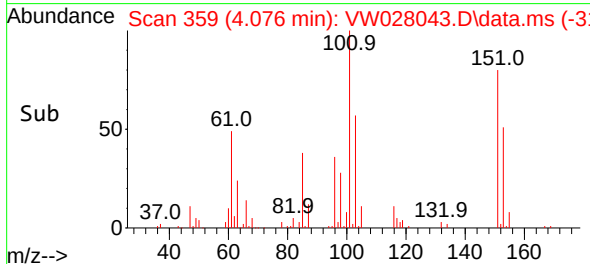
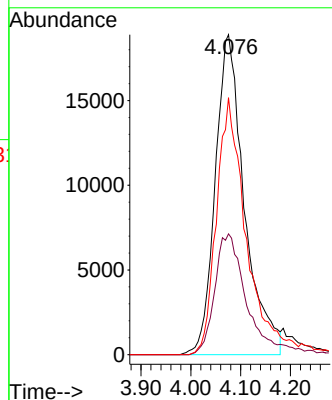
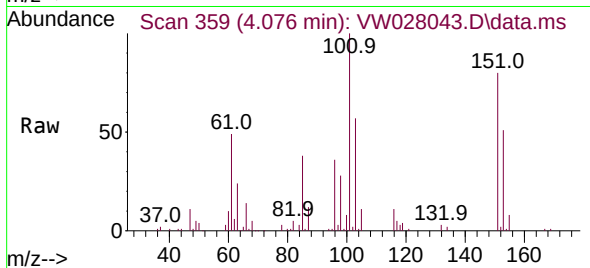




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.748 ug/L
 RT: 4.076 min Scan# 3
 Delta R.T. -0.006 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

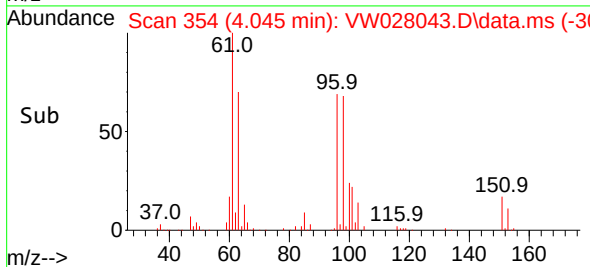
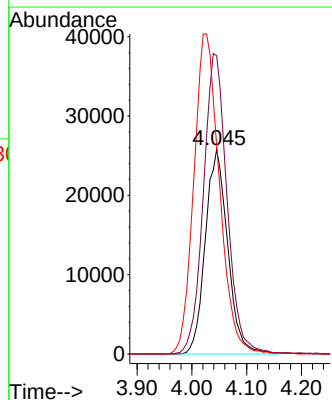
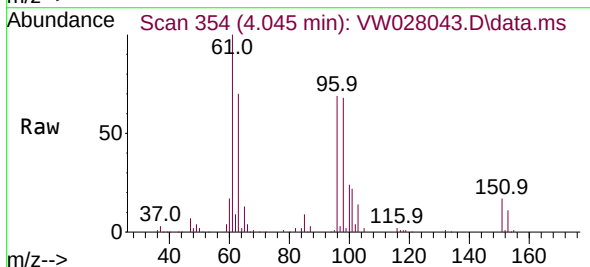
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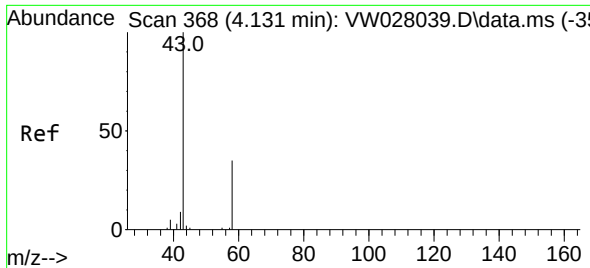
Tgt Ion:101 Resp: 76663
 Ion Ratio Lower Upper
 101 100
 85 39.4 33.8 50.6
 151 80.1 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 22.285 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

Tgt Ion: 96 Resp: 73077
 Ion Ratio Lower Upper
 96 100
 61 145.8 107.4 199.4
 63 101.8 86.0 159.6





#13

Acetone

Concen: 47.236 ug/L

RT: 4.149 min Scan# 3

Delta R.T. 0.018 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

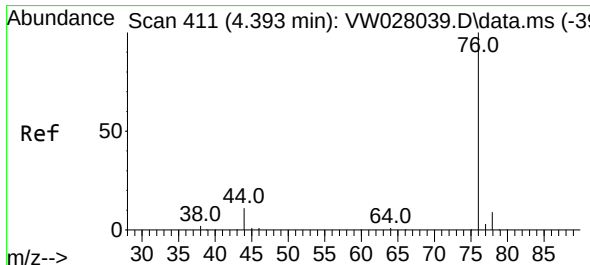
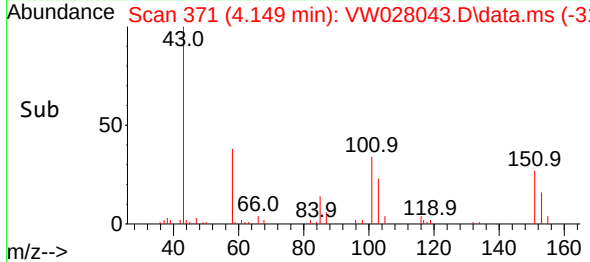
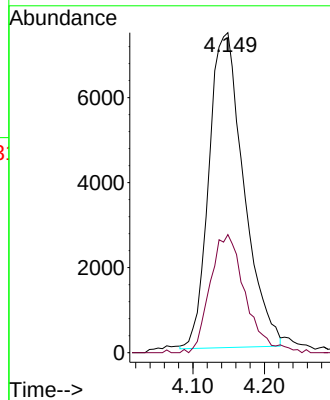
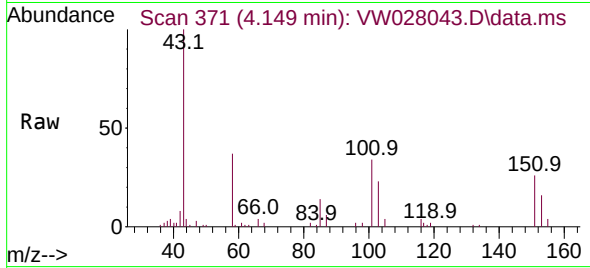
ClientSampleId :

Tgt Ion: 43 Resp: 25094

Ion Ratio Lower Upper

43 100

58 36.9 0.0 66.0



#14

Carbon disulfide

Concen: 19.364 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028043.D

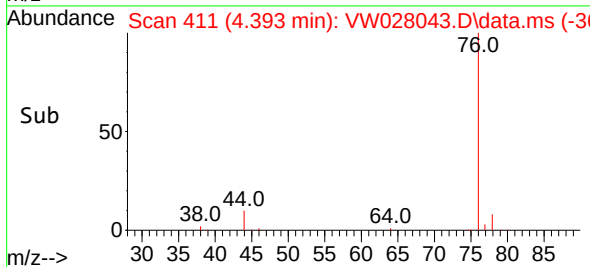
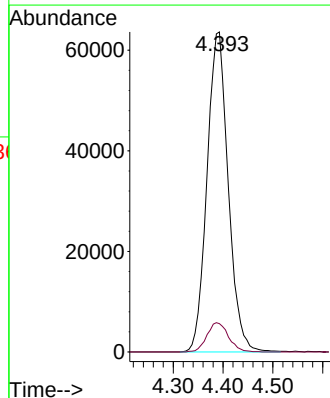
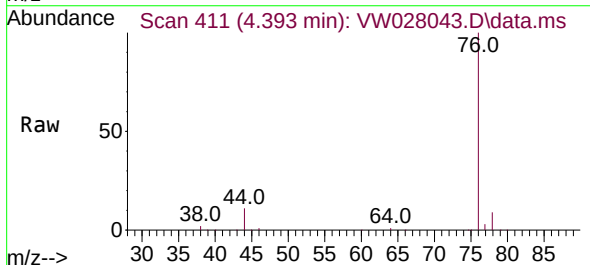
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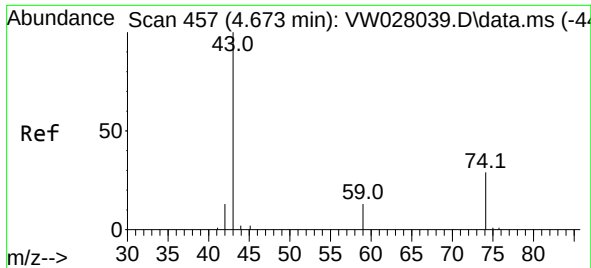
Tgt Ion: 76 Resp: 187990

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

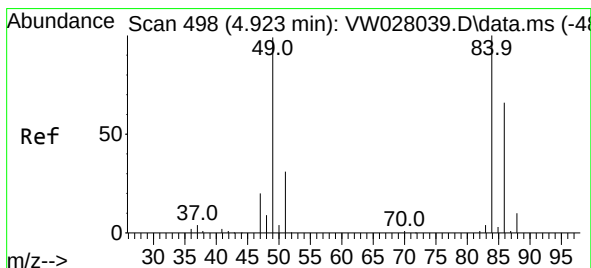
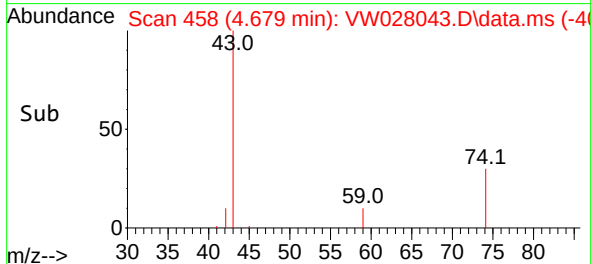
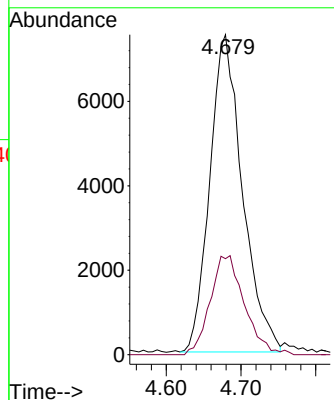
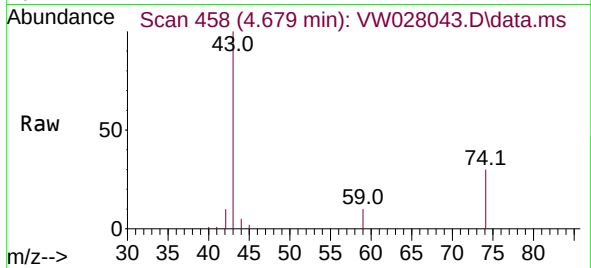




#15
Methyl Acetate
Concen: 25.887 ug/L
RT: 4.679 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

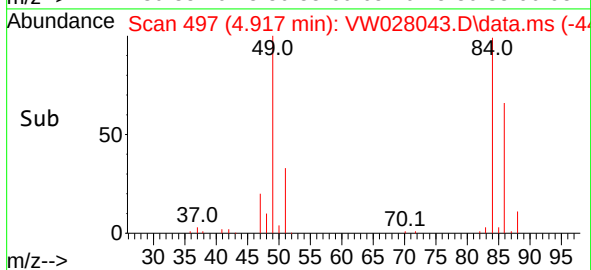
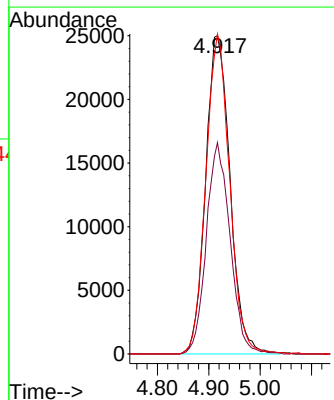
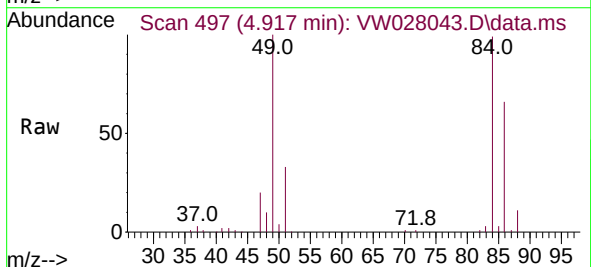
Instrument :
MSVOA_W
ClientSampleId :

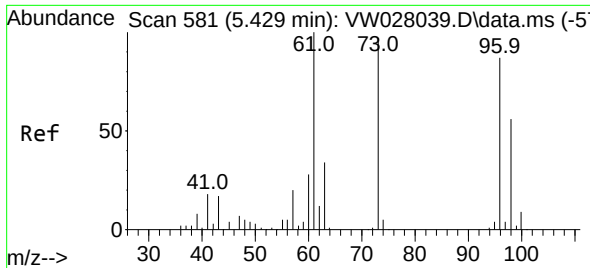
Tgt Ion: 43 Resp: 22894
Ion Ratio Lower Upper
43 100
74 32.4 24.2 36.2



#16
Methylene chloride
Concen: 21.976 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

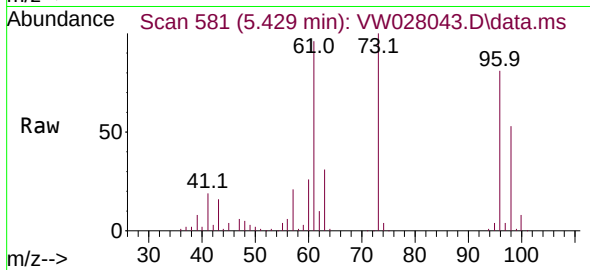
Tgt Ion: 84 Resp: 82461
Ion Ratio Lower Upper
84 100
86 66.4 45.4 84.4
49 100.6 66.3 123.1



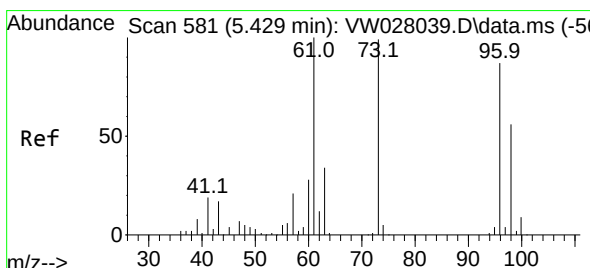
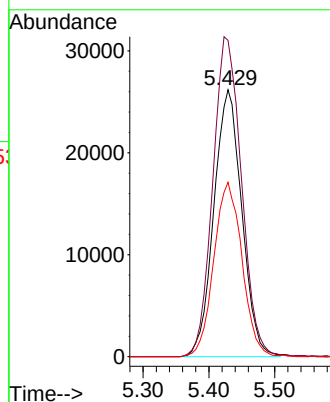
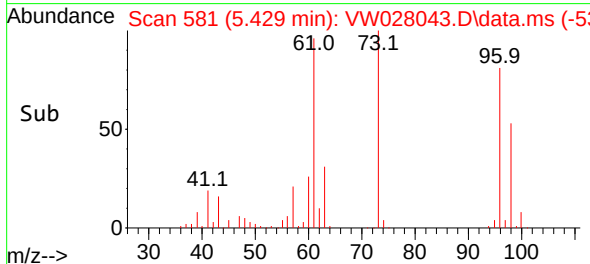


#17
trans-1,2-Dichloroethene
Concen: 21.967 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

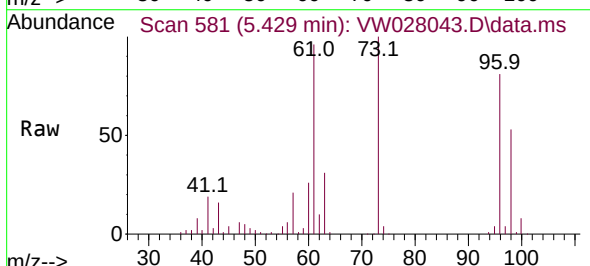
Instrument :
MSVOA_W
ClientSampleId :



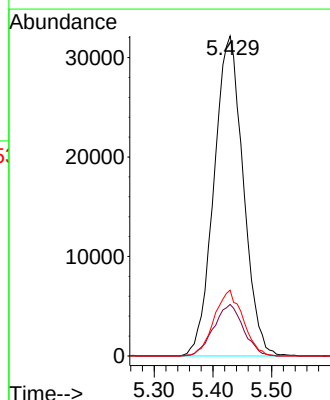
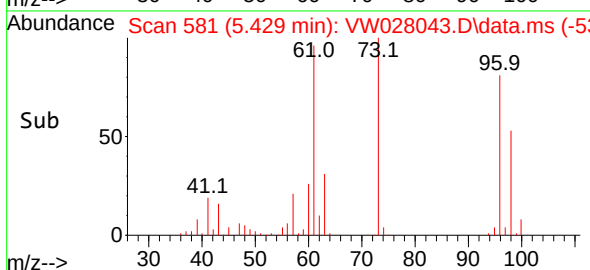
Tgt Ion:	96	Resp:	77396
Ion	Ratio	Lower	Upper
96	100		
61	118.5	80.1	148.7
98	65.4	43.8	81.4

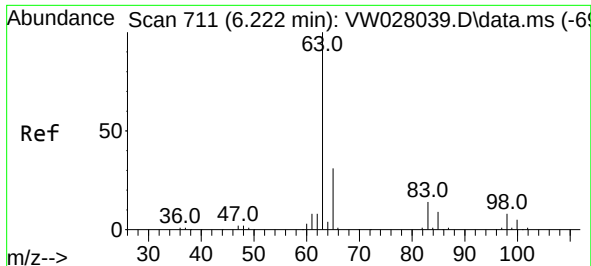


#18
Methyl tert-butyl Ether
Concen: 26.625 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50



Tgt Ion:	73	Resp:	111207
Ion	Ratio	Lower	Upper
73	100		
43	16.3	13.4	20.0
57	20.3	16.3	24.5

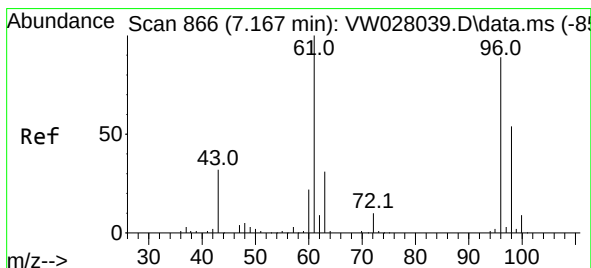
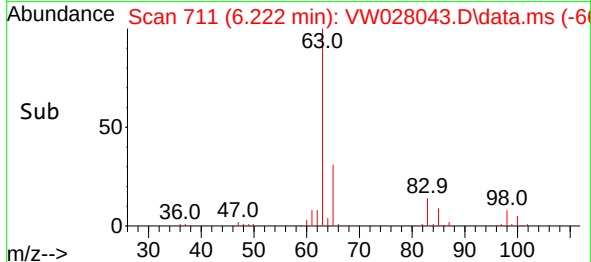
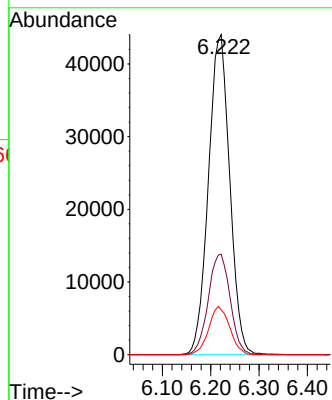
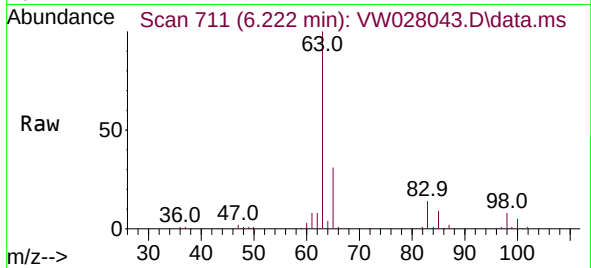




#19
1,1-Dichloroethane
Concen: 23.535 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

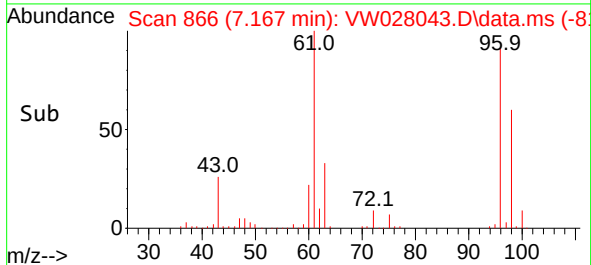
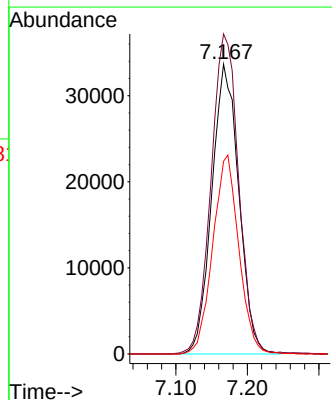
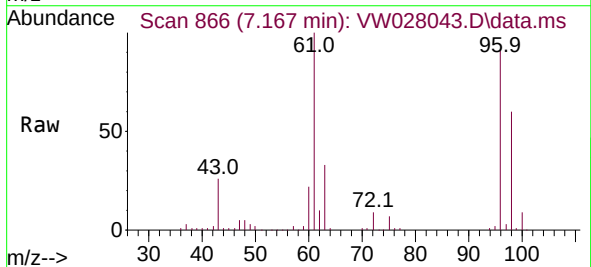
Instrument :
MSVOA_W
ClientSampleId :

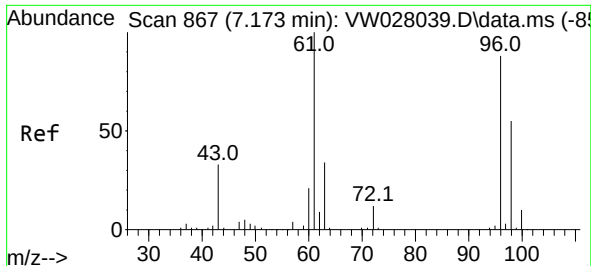
Tgt Ion: 63 Resp: 134703
Ion Ratio Lower Upper
63 100
65 31.4 23.1 42.9
83 14.0 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 23.717 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion: 96 Resp: 88237
Ion Ratio Lower Upper
96 100
61 110.4 76.3 141.7
98 66.5 42.9 79.7

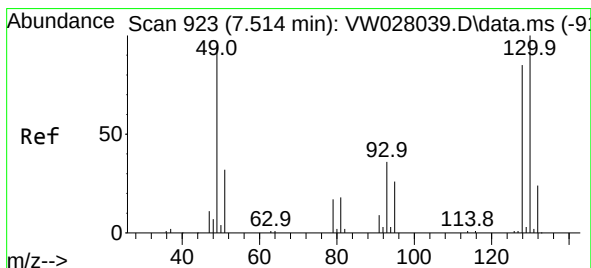
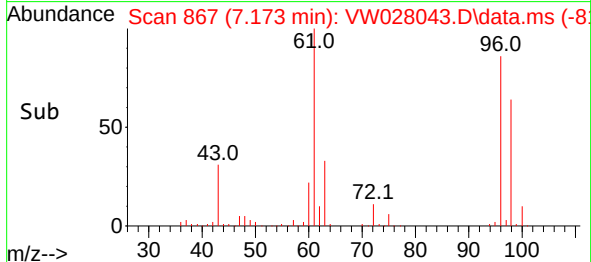
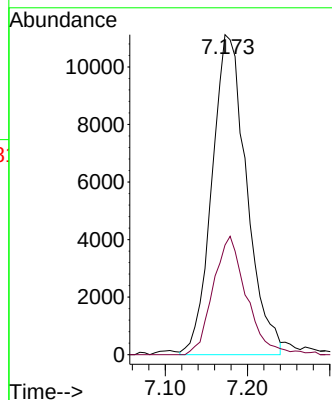
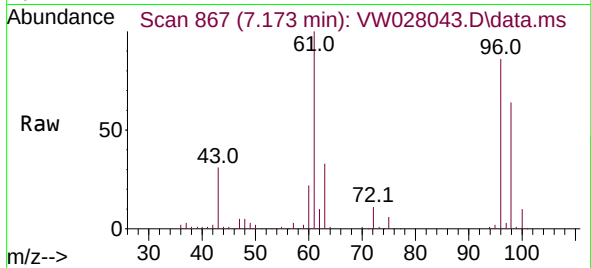




#22
2-Butanone
Concen: 53.126 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

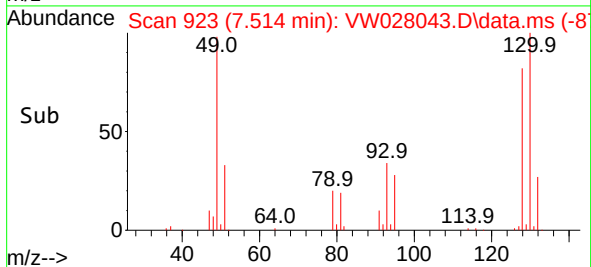
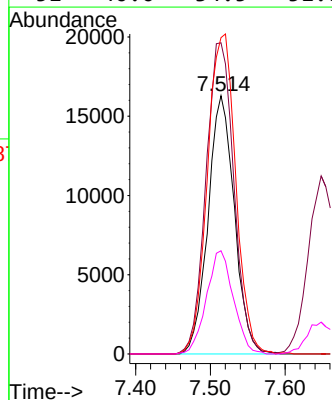
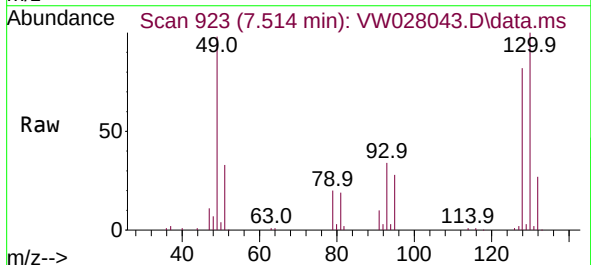
Instrument :
MSVOA_W
ClientSampleId :

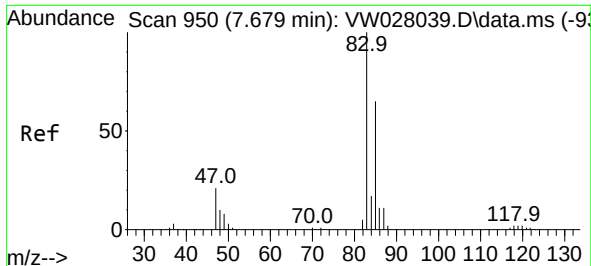
Tgt Ion: 43 Resp: 32579
Ion Ratio Lower Upper
43 100
72 35.3 17.0 50.9



#23
Bromochloromethane
Concen: 24.186 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion: 128 Resp: 39970
Ion Ratio Lower Upper
128 100
49 120.5 93.2 173.2
130 122.5 97.4 180.8
51 40.0 34.5 51.7

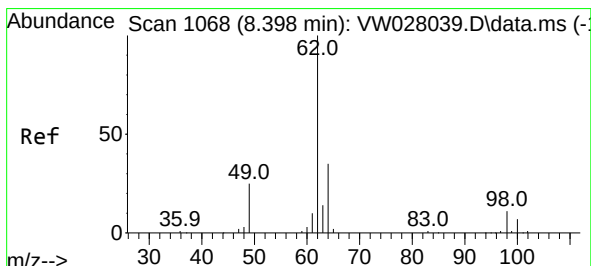
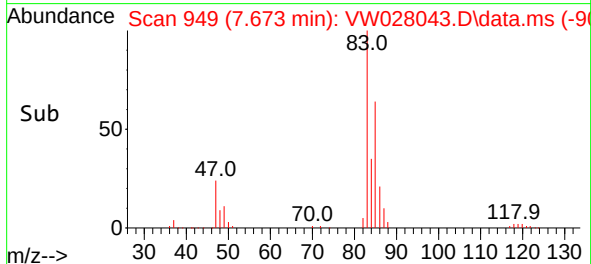
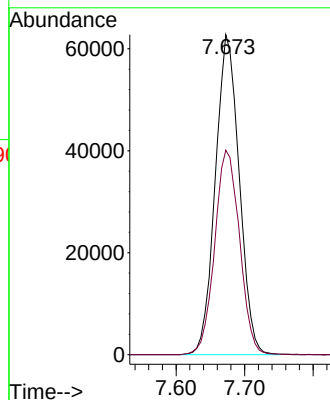
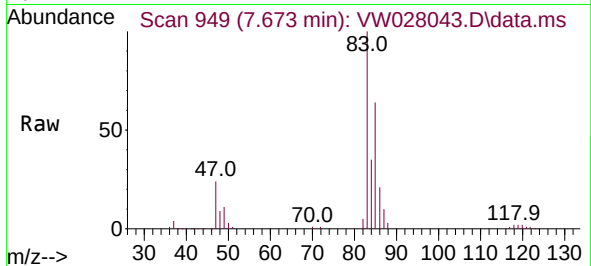




#25
Chloroform
Concen: 24.699 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

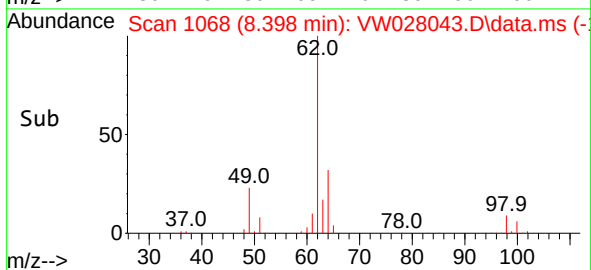
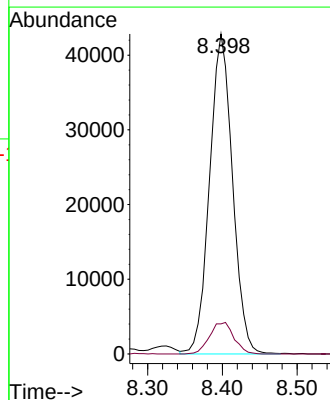
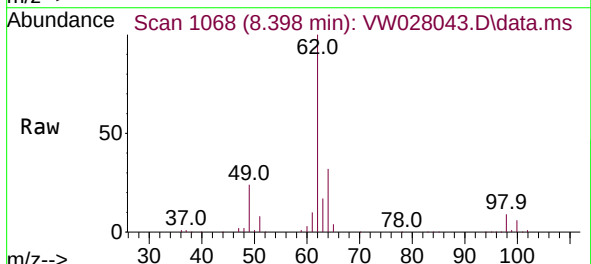
Instrument :
MSVOA_W
ClientSampleId :

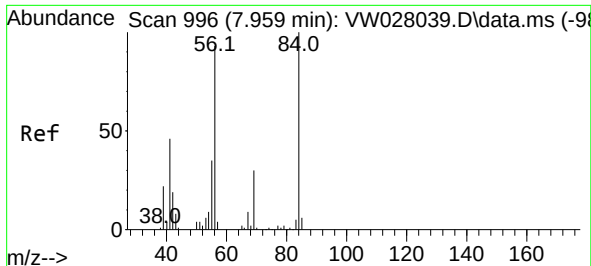
Tgt Ion: 83 Resp: 151974
Ion Ratio Lower Upper
83 100
85 63.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.654 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

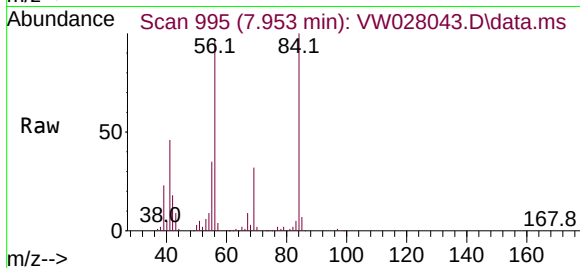
Tgt Ion: 62 Resp: 91328
Ion Ratio Lower Upper
62 100
98 9.4 9.4 14.2#



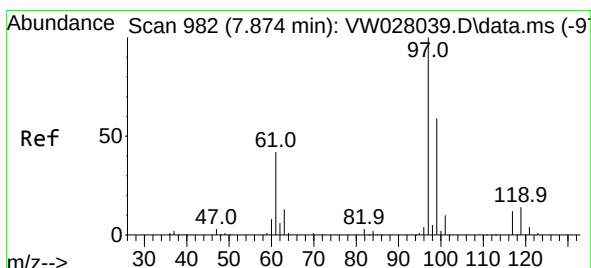
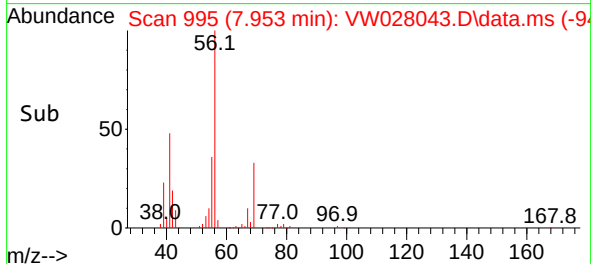
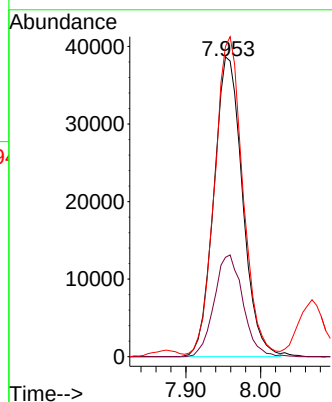


#29
Cyclohexane
Concen: 20.702 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Instrument :
MSVOA_W
ClientSampleId :

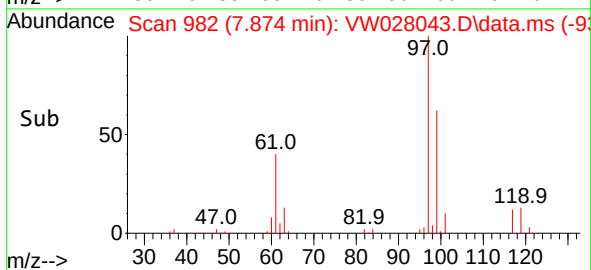
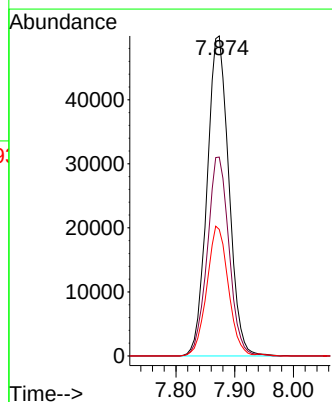
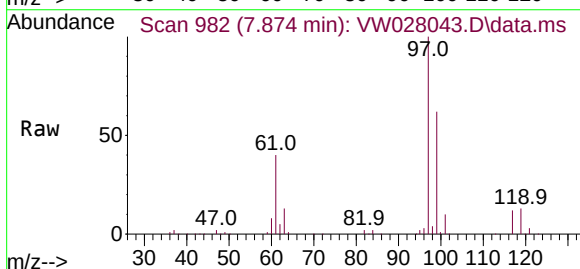


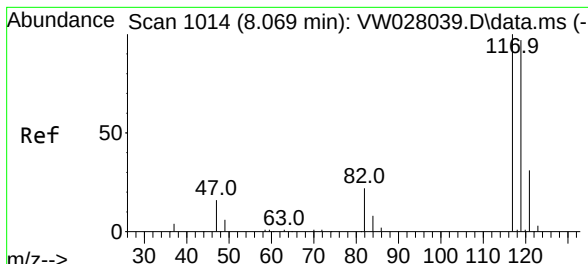
Tgt Ion: 56 Resp: 103054
Ion Ratio Lower Upper
56 100
69 33.8 26.3 39.5
84 105.4 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 23.846 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

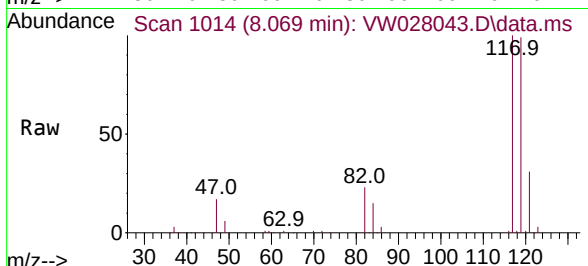
Tgt Ion: 97 Resp: 128565
Ion Ratio Lower Upper
97 100
99 62.2 51.4 77.0
61 40.1 32.9 49.3



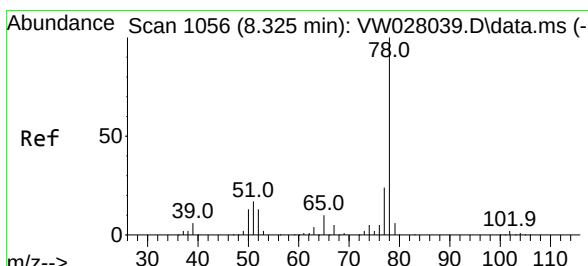
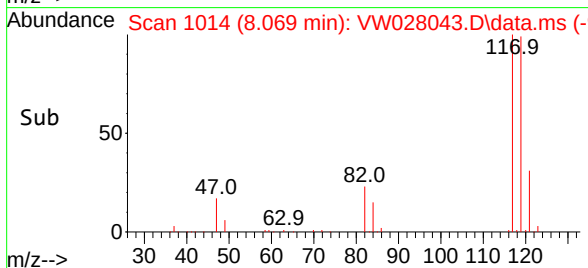
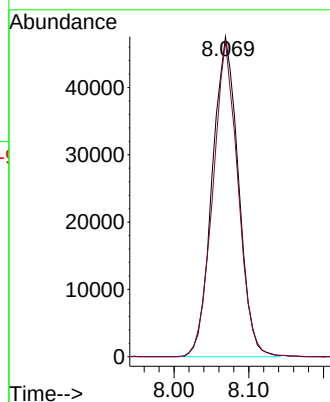


#31
Carbon tetrachloride
Concen: 23.190 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Instrument : MSVOA_W
ClientSampleId :

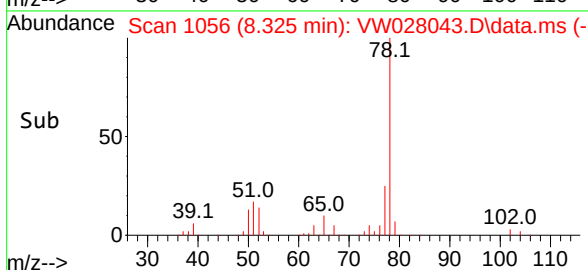
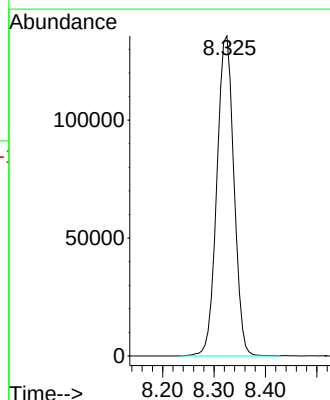
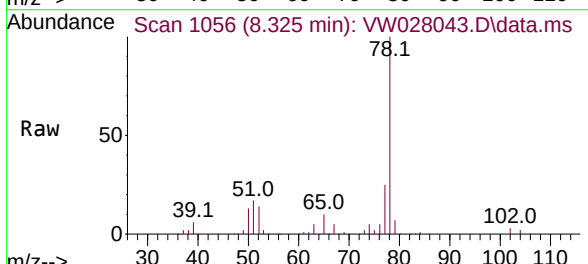


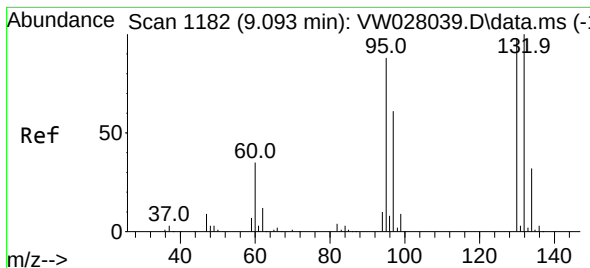
Tgt Ion:117 Resp: 115668
Ion Ratio Lower Upper
117 100
119 94.7 76.5 114.7



#33
Benzene
Concen: 22.458 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion: 78 Resp: 313279





#34

Trichloroethene

Concen: 21.994 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 88076

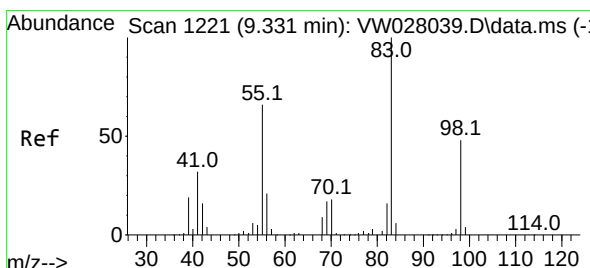
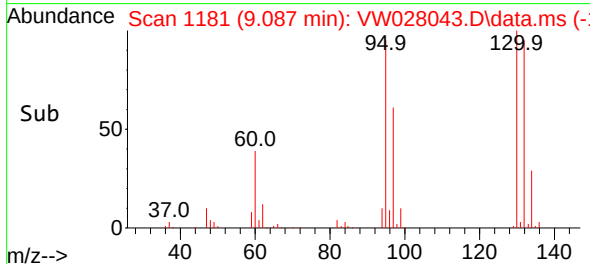
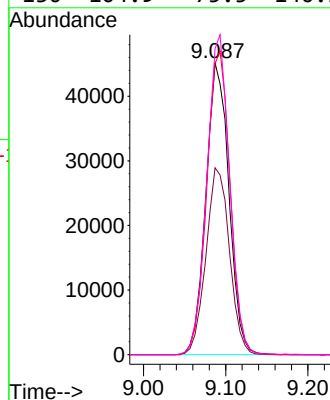
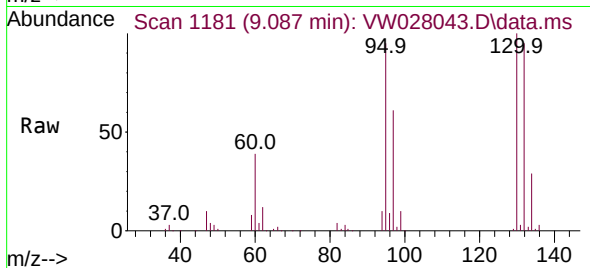
Ion Ratio Lower Upper

95 100

97 64.1 44.3 82.3

132 99.7 68.0 126.2

130 104.9 75.5 140.3



#35

Methylcyclohexane

Concen: 20.976 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

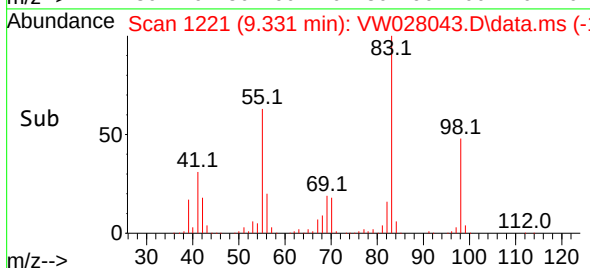
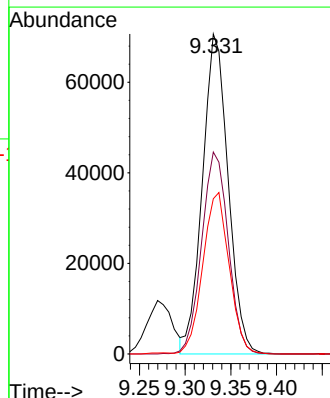
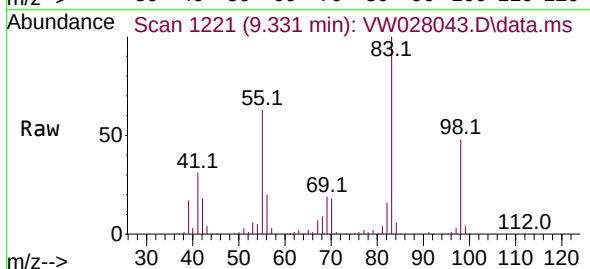
Tgt Ion: 83 Resp: 138228

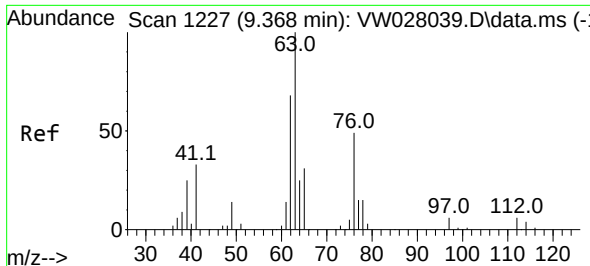
Ion Ratio Lower Upper

83 100

55 65.2 52.3 78.5

98 51.7 41.9 62.9





#37

1,2-Dichloropropane

Concen: 23.473 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

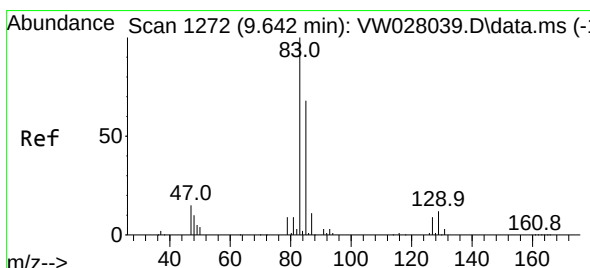
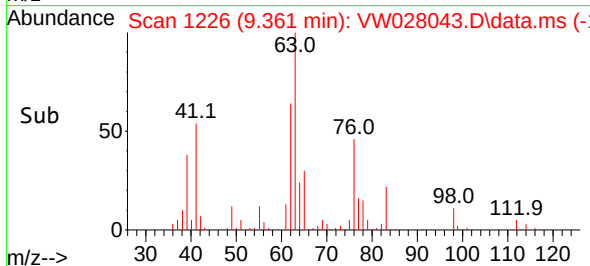
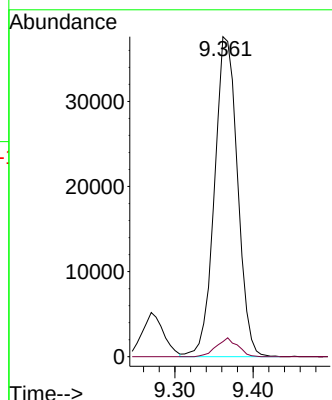
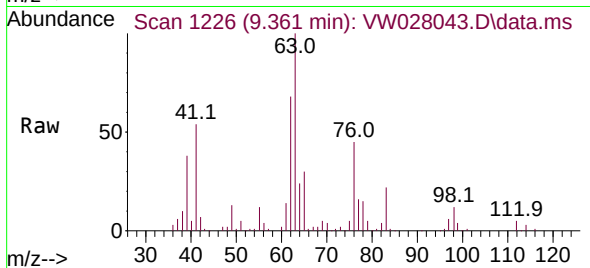
ClientSampleId :

Tgt Ion: 63 Resp: 76942

Ion Ratio Lower Upper

63 100

112 5.4 4.2 6.2



#38

Bromodichloromethane

Concen: 25.167 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

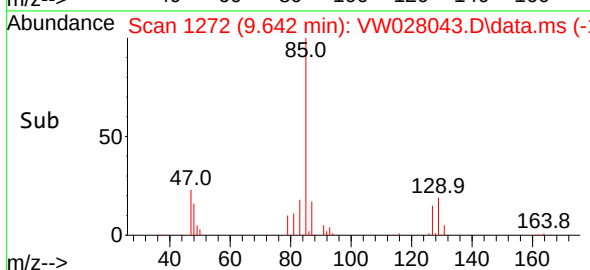
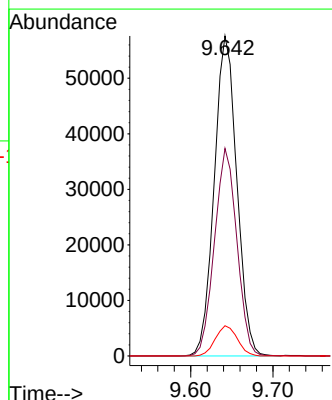
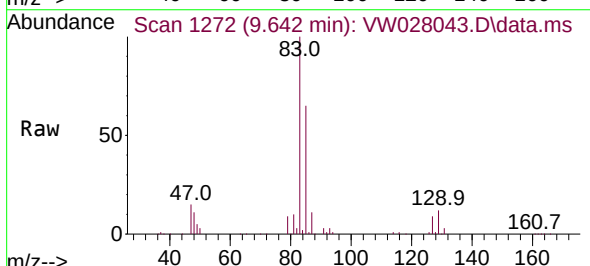
Tgt Ion: 83 Resp: 110118

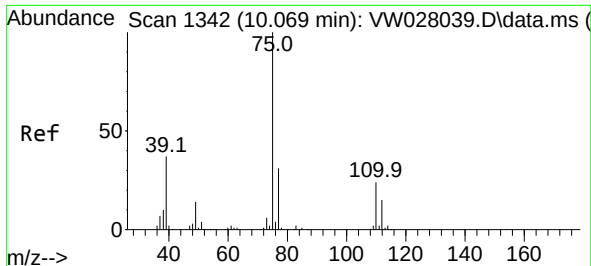
Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1

127 9.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.500 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

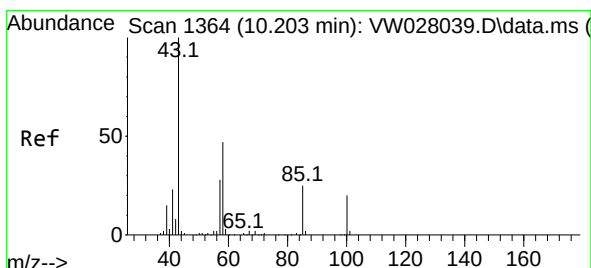
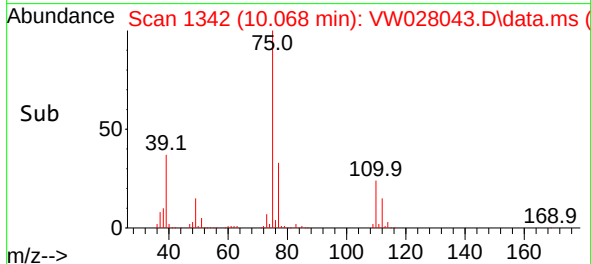
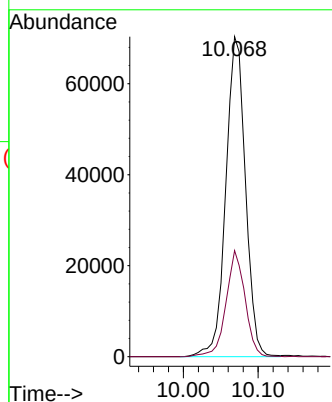
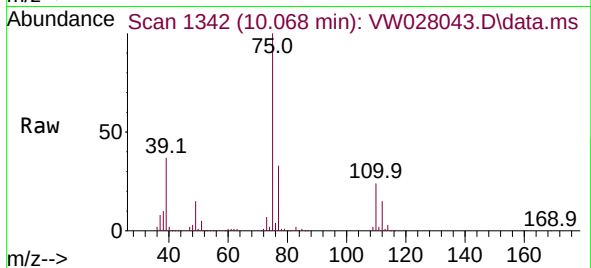
ClientSampleId :

Tgt Ion: 75 Resp: 128723

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.503 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

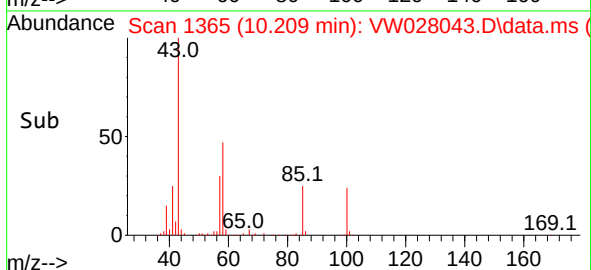
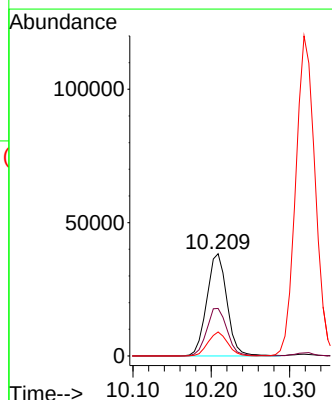
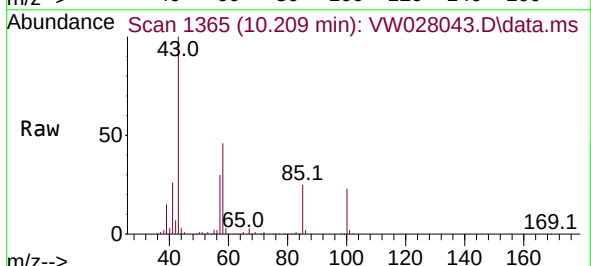
Tgt Ion: 43 Resp: 68669

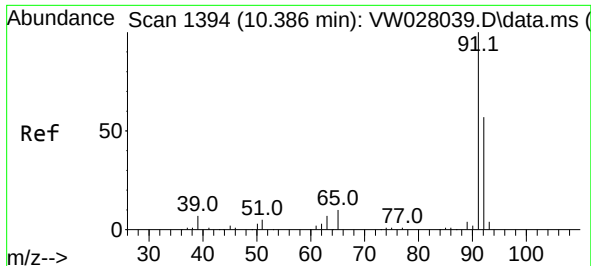
Ion Ratio Lower Upper

43 100

58 47.1 36.7 55.1

100 22.7 18.4 27.6





#42

Toluene

Concen: 22.534 ug/L

RT: 10.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

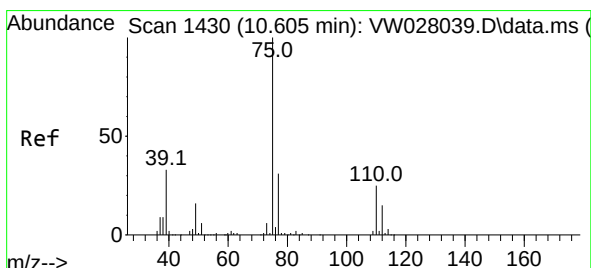
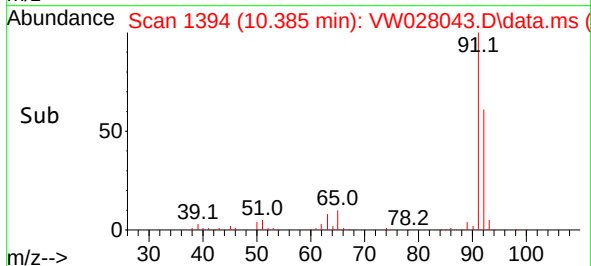
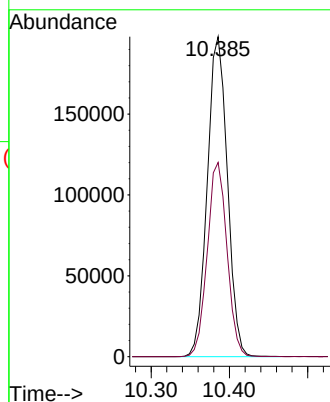
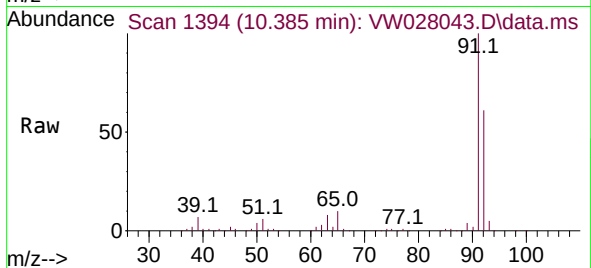
ClientSampleId :

Tgt Ion: 91 Resp: 352438

Ion Ratio Lower Upper

91 100

92 60.7 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 25.264 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028043.D

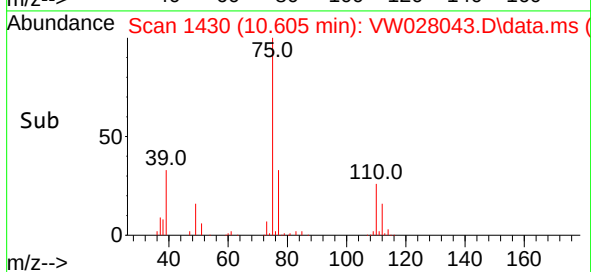
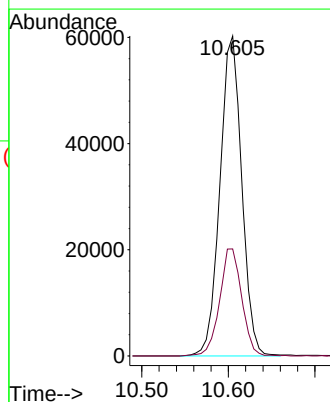
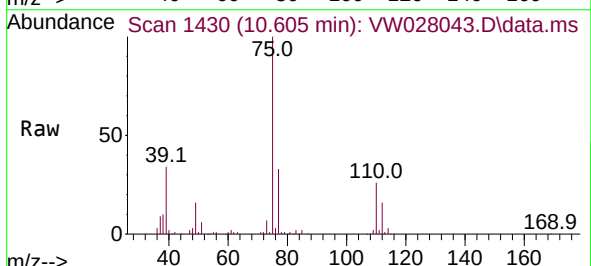
Acq: 19 Feb 2024 12:50

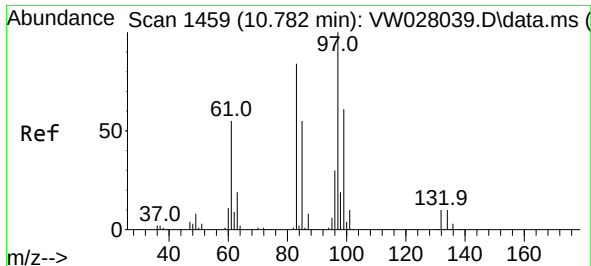
Tgt Ion: 75 Resp: 105354

Ion Ratio Lower Upper

75 100

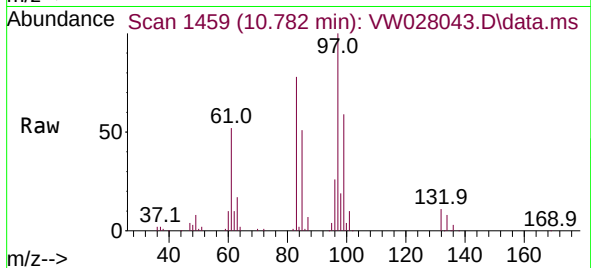
77 33.5 21.5 39.9



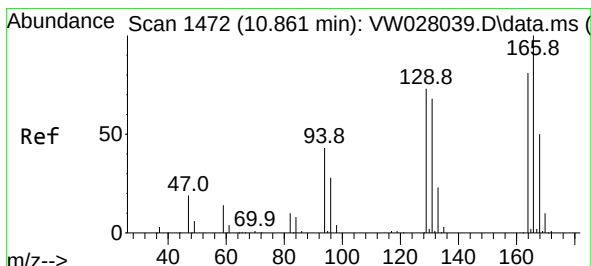
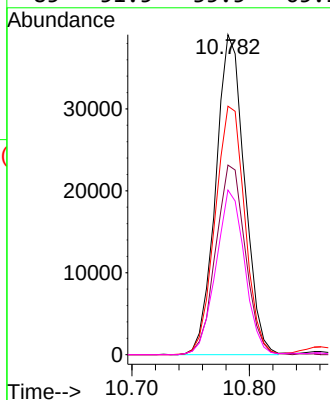
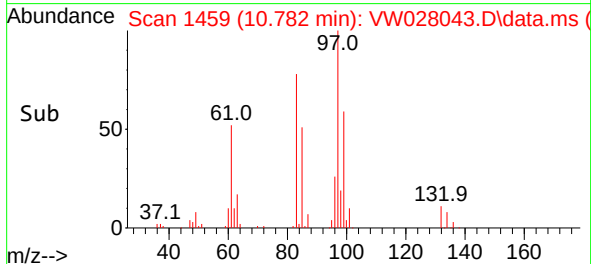


#45
1,1,2-Trichloroethane
Concen: 25.676 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

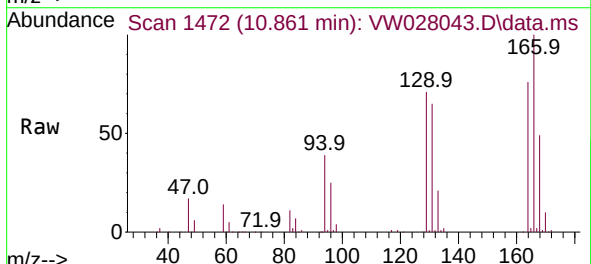
Instrument :
MSVOA_W
ClientSampleId :



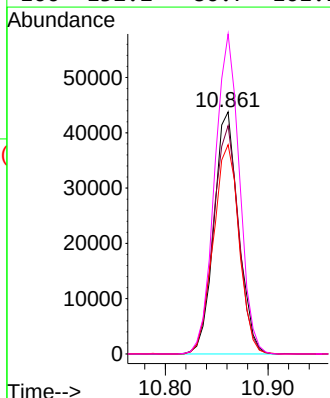
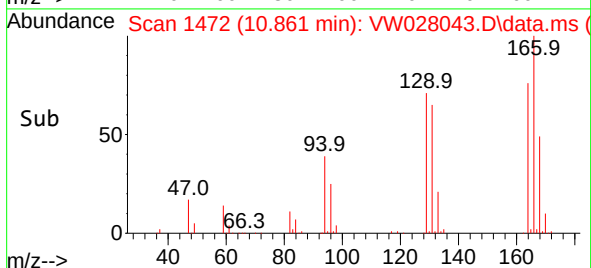
Tgt Ion:	97	Resp:	66617
Ion	Ratio	Lower	Upper
97	100		
99	59.2	43.3	80.5
83	77.6	57.2	106.2
85	51.5	35.5	65.9

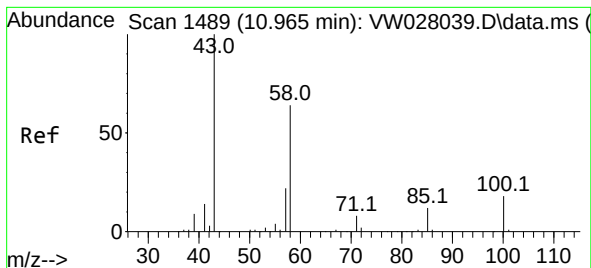


#46
Tetrachloroethene
Concen: 21.475 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50



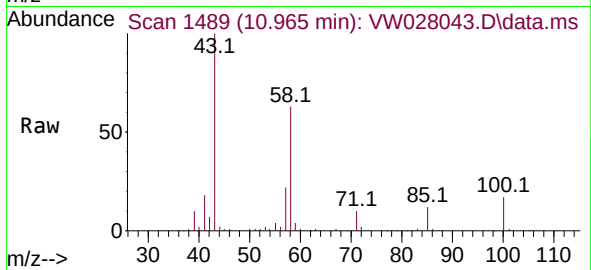
Tgt Ion:	164	Resp:	72361
Ion	Ratio	Lower	Upper
164	100		
129	94.4	59.4	110.2
131	86.5	65.0	120.6
166	132.2	86.7	161.1



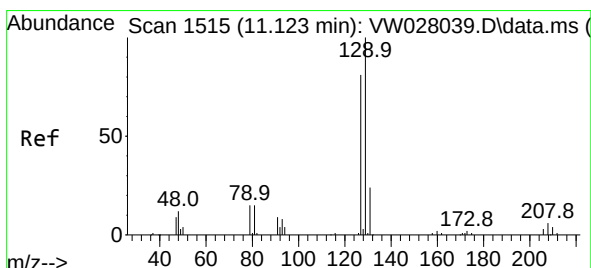
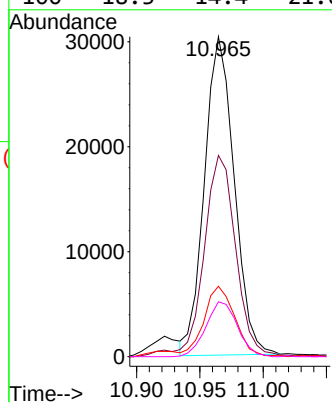
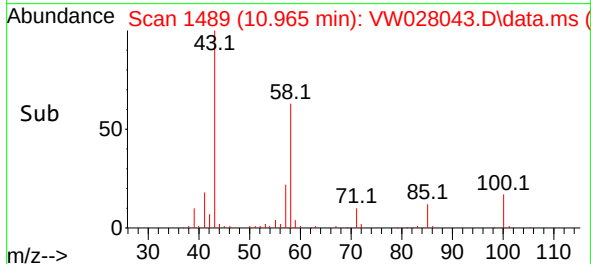


#48
2-Hexanone
Concen: 53.037 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Instrument :
MSVOA_W
ClientSampleId :

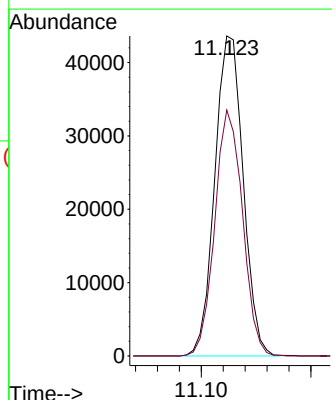
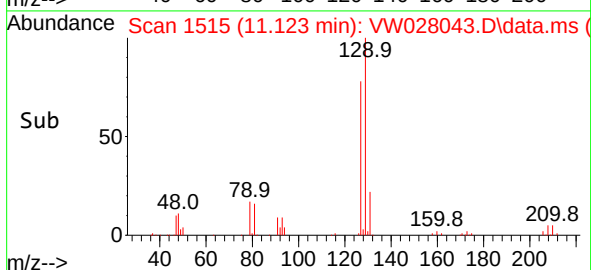
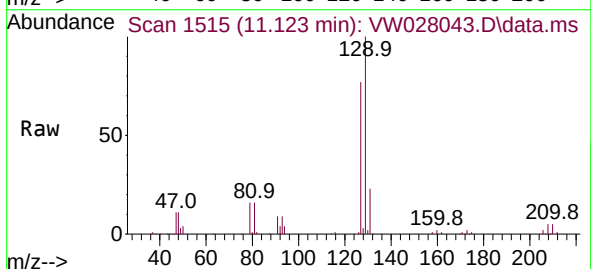


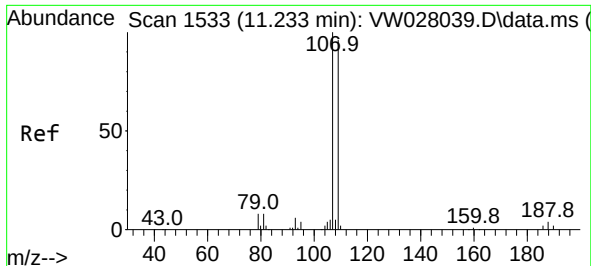
Tgt Ion: 43 Resp: 49701
Ion Ratio Lower Upper
43 100
58 66.0 51.4 77.2
57 22.9 17.4 26.2
100 18.3 14.4 21.6



#49
Dibromochloromethane
Concen: 26.579 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion: 129 Resp: 78620
Ion Ratio Lower Upper
129 100
127 76.9 49.6 92.0

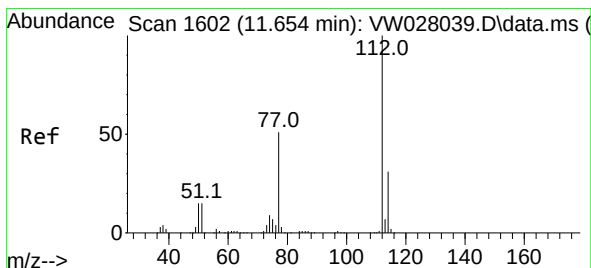
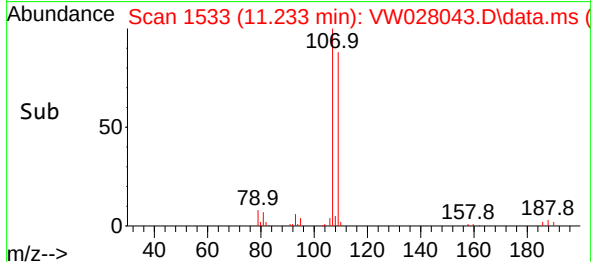
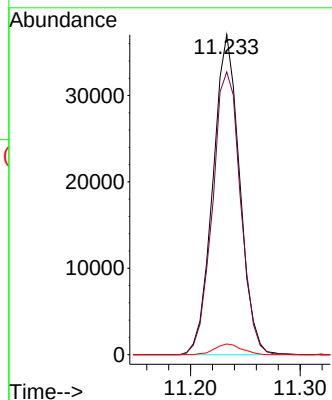
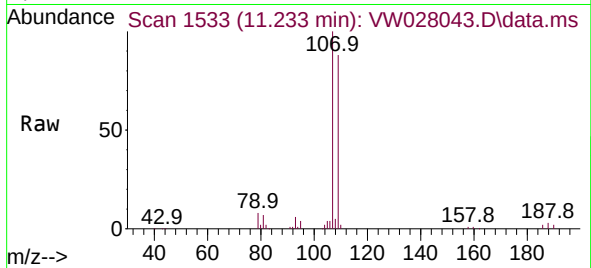




#50
1,2-Dibromoethane
Concen: 25.884 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

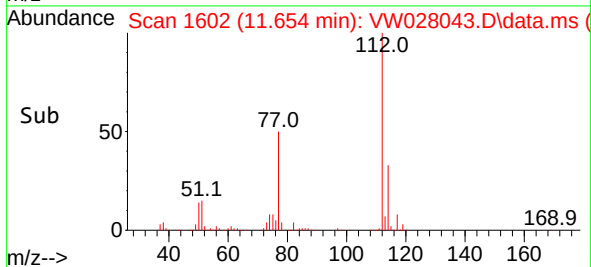
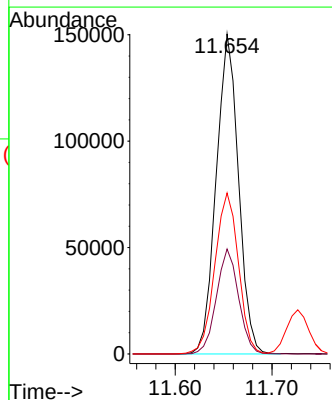
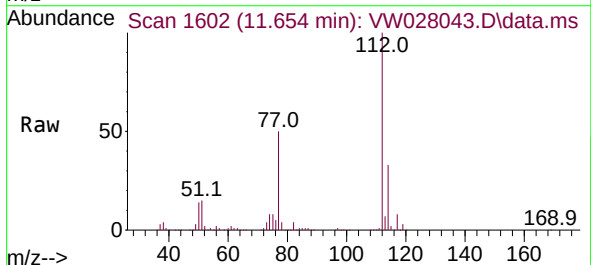
Instrument :
MSVOA_W
ClientSampleId :

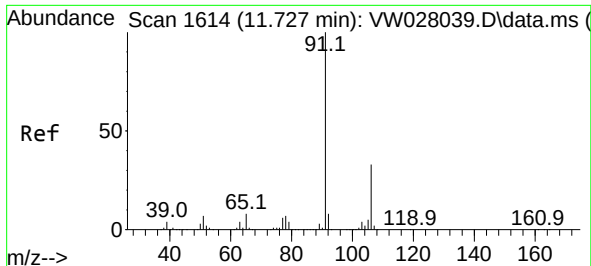
Tgt Ion:107 Resp: 62685
Ion Ratio Lower Upper
107 100
109 88.4 71.2 132.2
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 23.133 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion:112 Resp: 240642
Ion Ratio Lower Upper
112 100
114 32.8 22.7 42.3
77 50.3 42.6 64.0

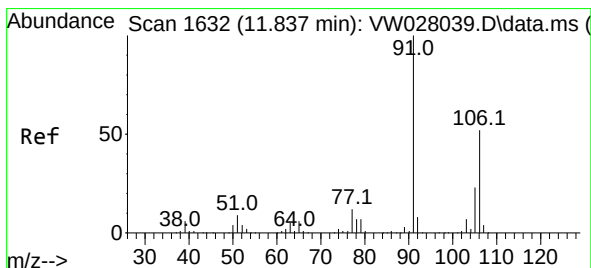
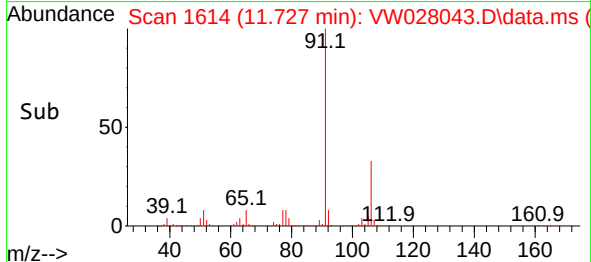
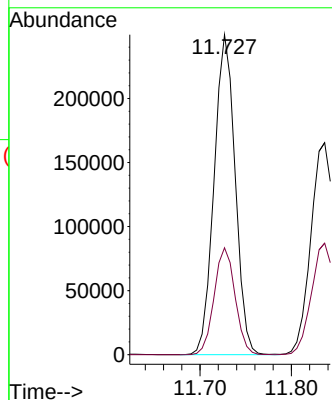
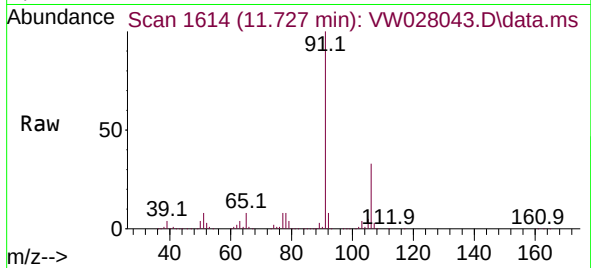




#52
Ethylbenzene
Concen: 22.681 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

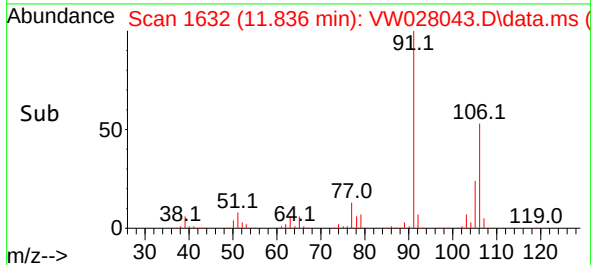
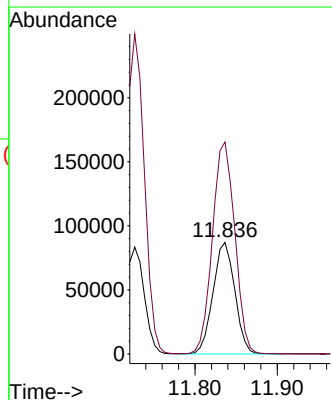
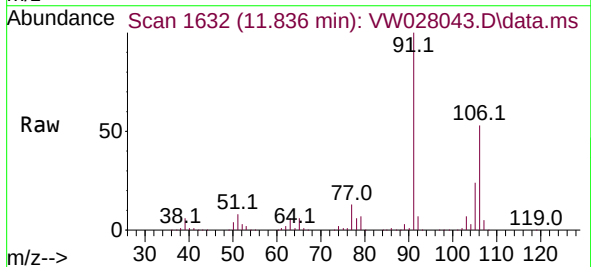
Instrument :
MSVOA_W
ClientSampleId :

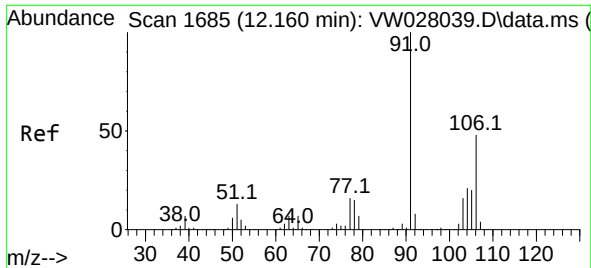
Tgt Ion: 91 Resp: 399963
Ion Ratio Lower Upper
91 100
106 33.4 22.8 42.4



#53
m,p-Xylene
Concen: 23.200 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion:106 Resp: 160441
Ion Ratio Lower Upper
106 100
91 190.1 130.0 241.4

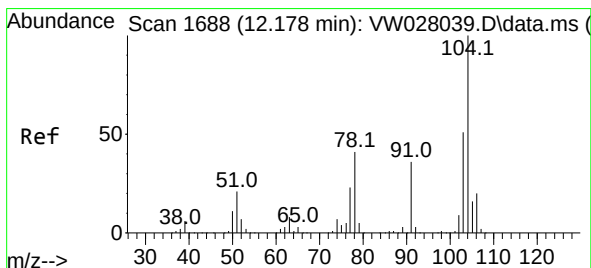
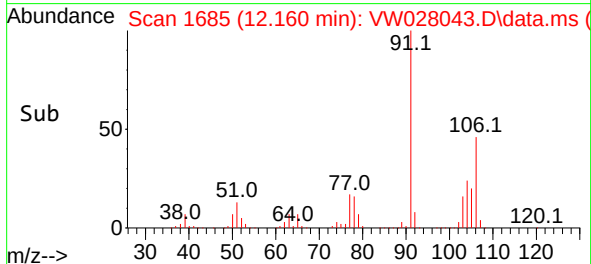
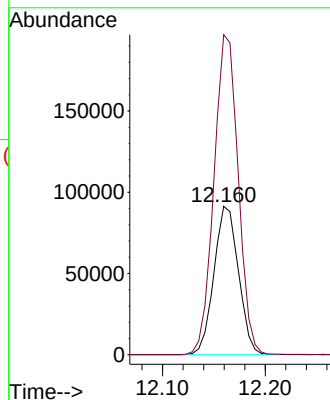
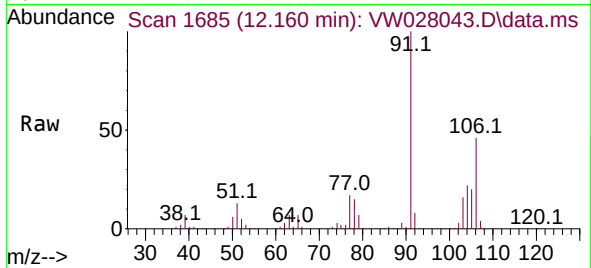




#54
o-Xylene
Concen: 23.320 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

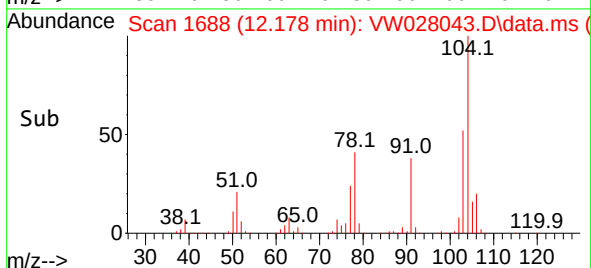
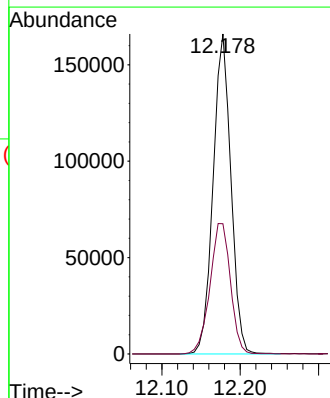
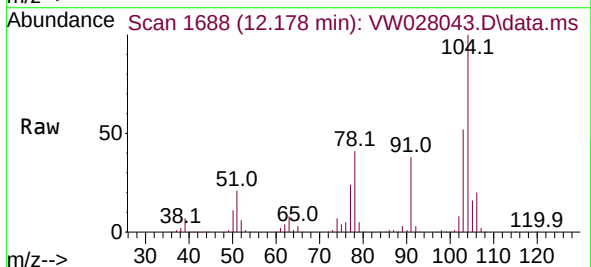
Instrument :
MSVOA_W
ClientSampleId :

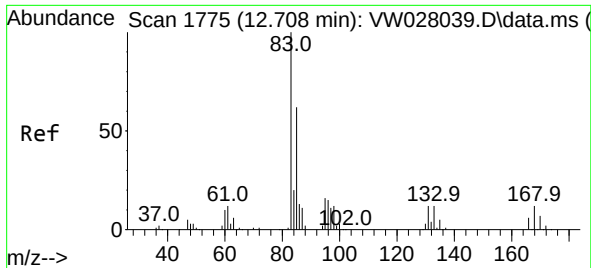
Tgt Ion:106 Resp: 151252
Ion Ratio Lower Upper
106 100
91 215.8 146.4 272.0



#55
Styrene
Concen: 24.280 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion:104 Resp: 262305
Ion Ratio Lower Upper
104 100
78 40.7 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.318 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028043.D

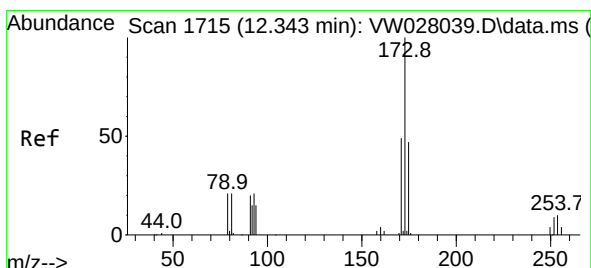
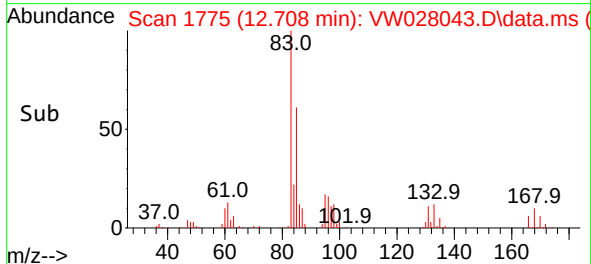
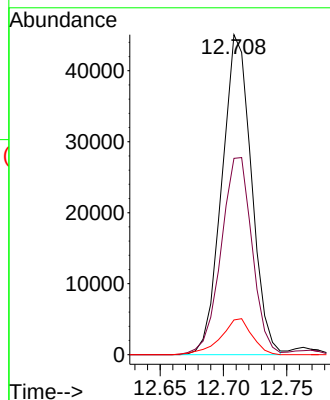
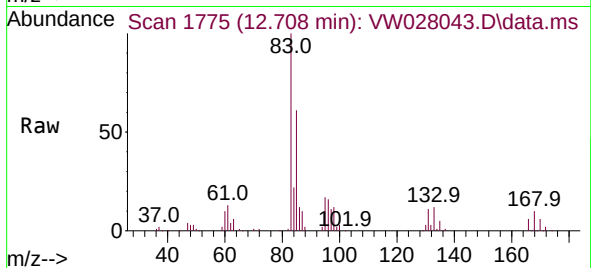
Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	73122
Ion	Ratio	Lower	Upper
83	100		
85	61.4	42.9	79.7
131	10.9	8.7	13.1



#59

Bromoform

Concen: 27.463 ug/L

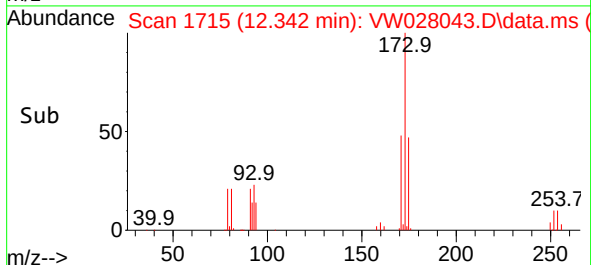
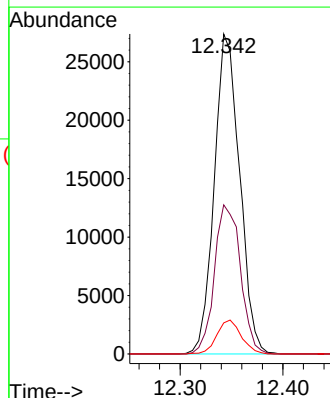
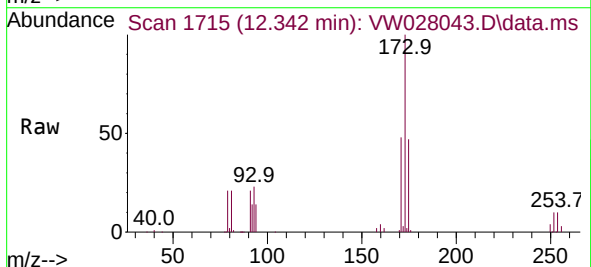
RT: 12.342 min Scan# 1715

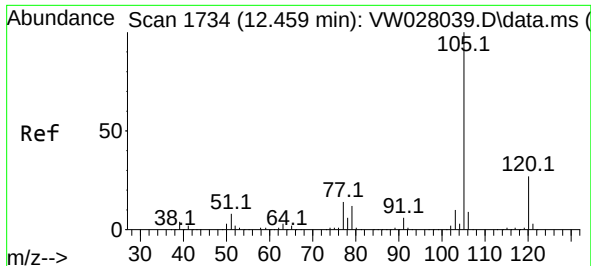
Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

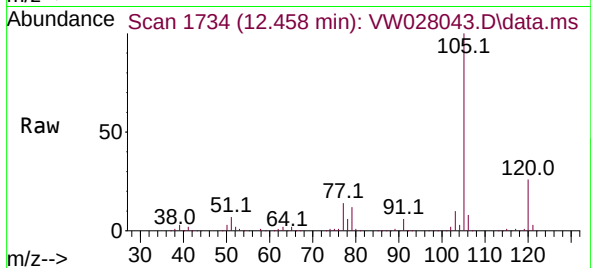
Tgt Ion:	173	Resp:	46853
Ion	Ratio	Lower	Upper
173	100		
175	47.8	37.8	56.8
254	10.2	8.4	12.6



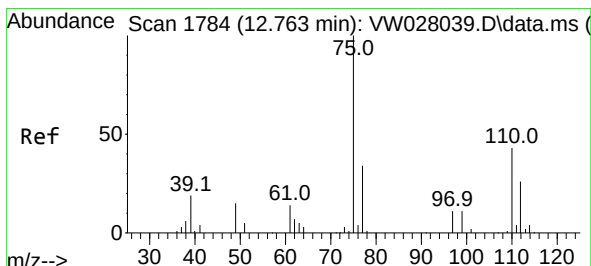
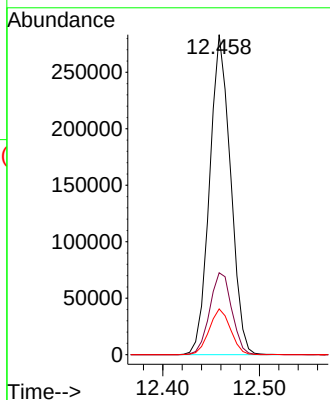
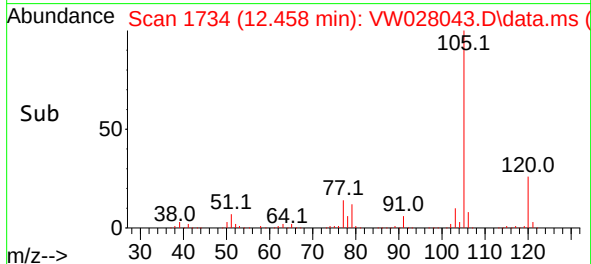


#60
Isopropylbenzene
Concen: 23.655 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Instrument :
MSVOA_W
ClientSampleId :

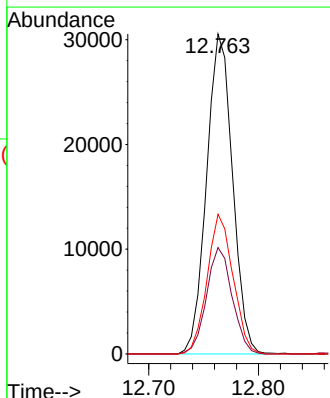
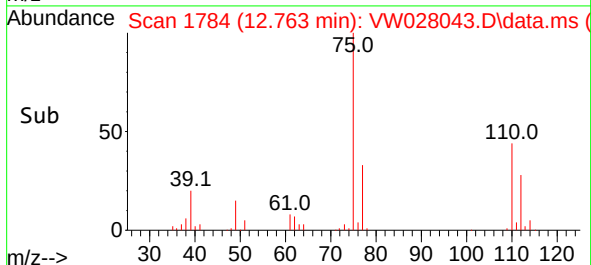
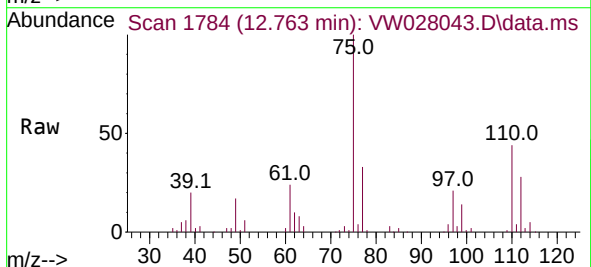


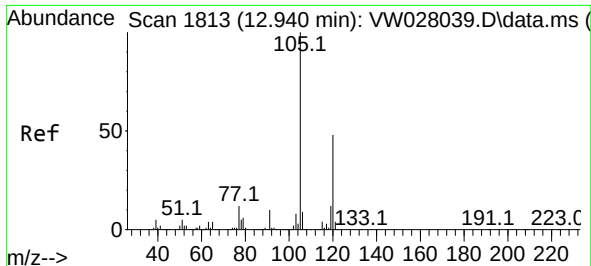
Tgt Ion:105 Resp: 426915
Ion Ratio Lower Upper
105 100
120 26.9 22.2 33.2
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 26.093 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion: 75 Resp: 50335
Ion Ratio Lower Upper
75 100
77 32.8 26.5 39.7
110 43.5 35.8 53.8

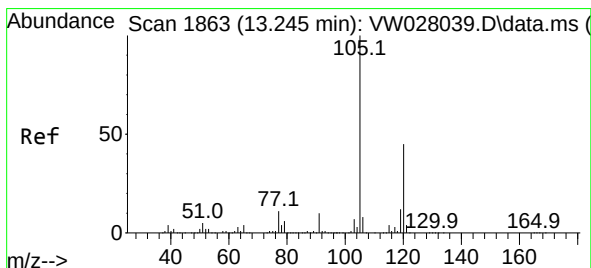
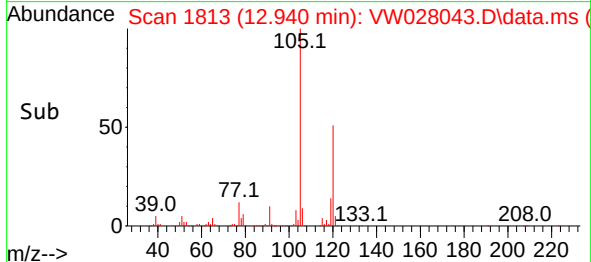
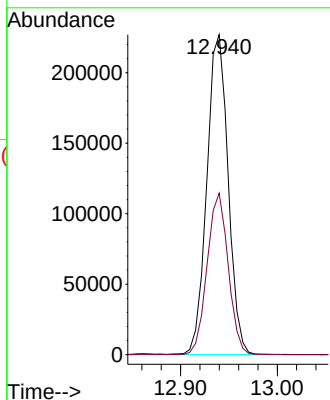
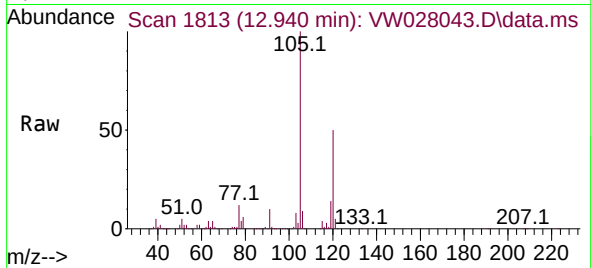




#62
 1,3,5-Trimethylbenzene
 Concen: 24.037 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

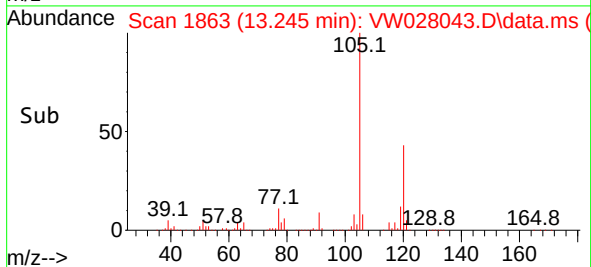
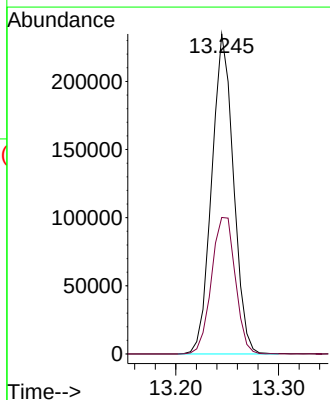
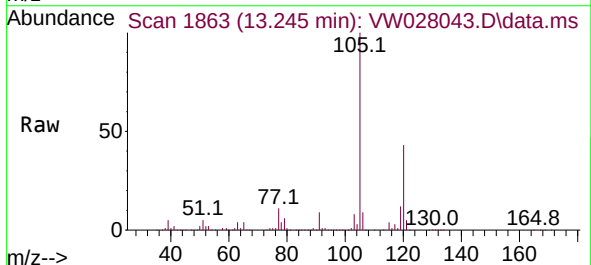
Instrument :
 MSVOA_W
 ClientSampleId :

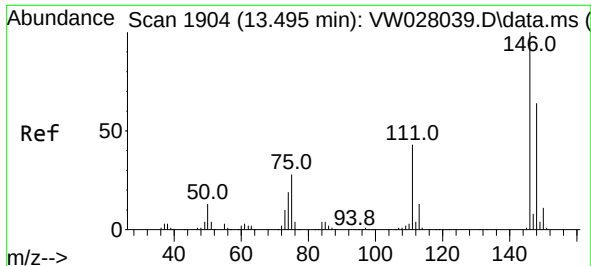
Tgt Ion:105 Resp: 347153
 Ion Ratio Lower Upper
 105 100
 120 49.9 40.3 60.5



#63
 1,2,4-Trimethylbenzene
 Concen: 24.376 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028043.D
 Acq: 19 Feb 2024 12:50

Tgt Ion:105 Resp: 344503
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 23.542 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

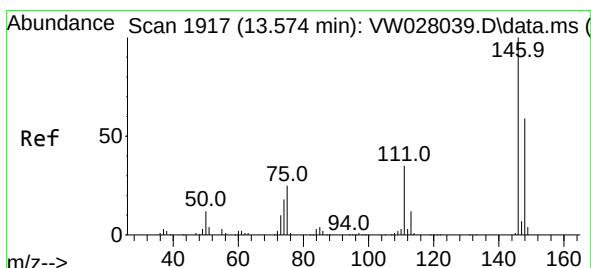
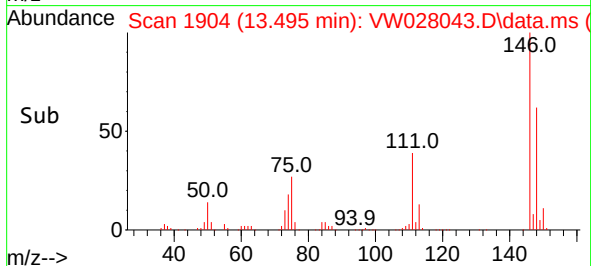
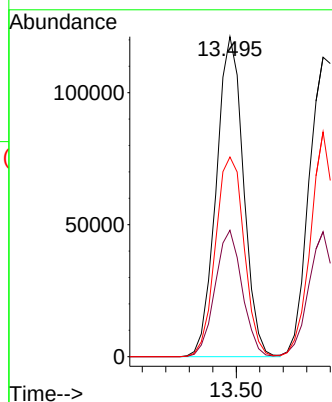
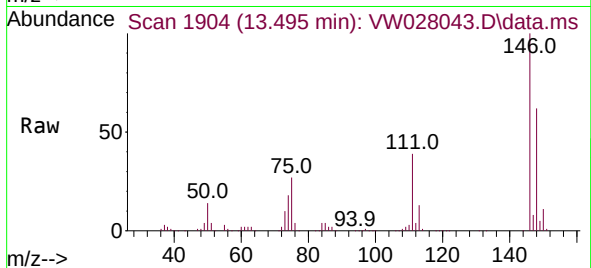
Tgt Ion:146 Resp: 195181

Ion Ratio Lower Upper

146 100

111 39.5 26.9 49.9

148 62.4 41.2 76.6



#65

1,4-Dichlorobenzene

Concen: 22.779 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

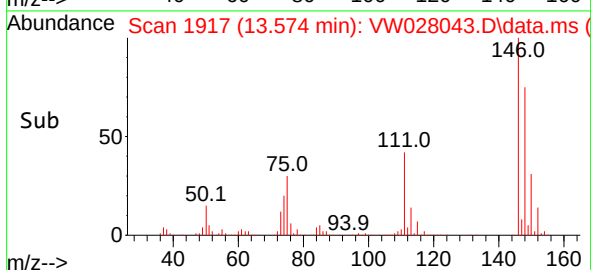
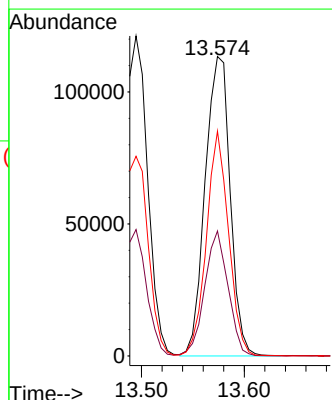
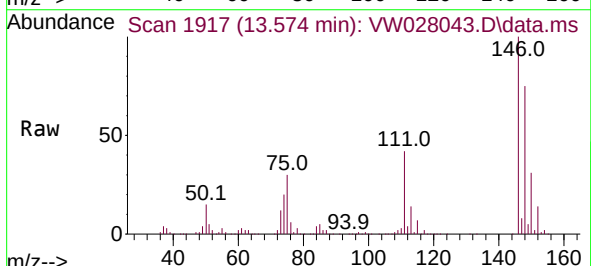
Tgt Ion:146 Resp: 192014

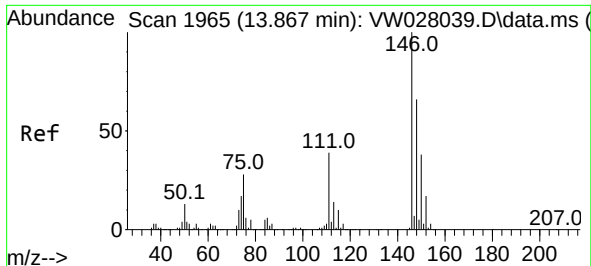
Ion Ratio Lower Upper

146 100

111 41.7 24.1 44.8

148 75.0 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 24.675 ug/L

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

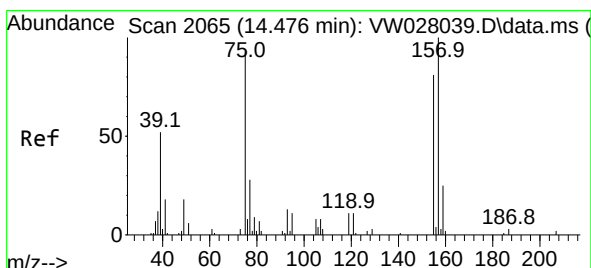
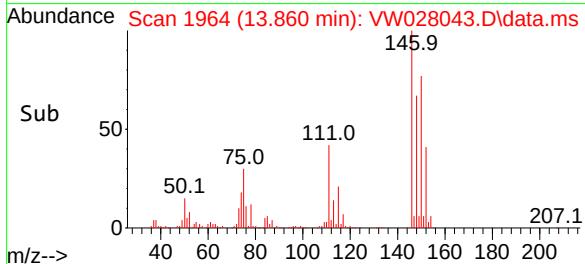
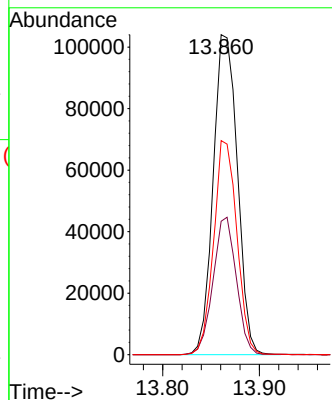
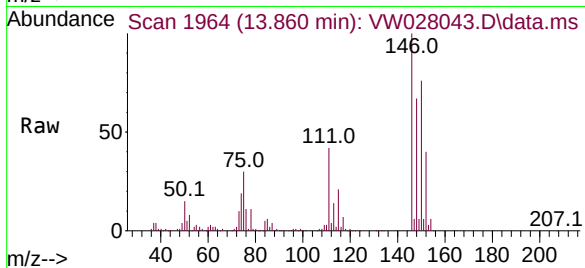
Tgt Ion:146 Resp: 180687

Ion Ratio Lower Upper

146 100

111 41.7 30.6 46.0

148 66.9 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.061 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

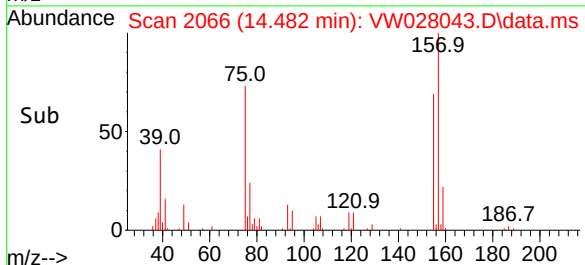
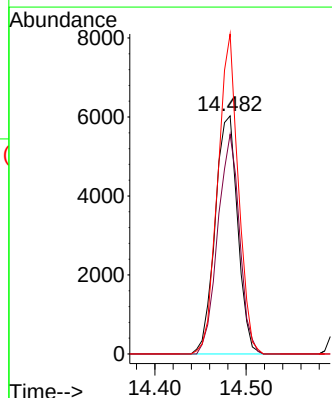
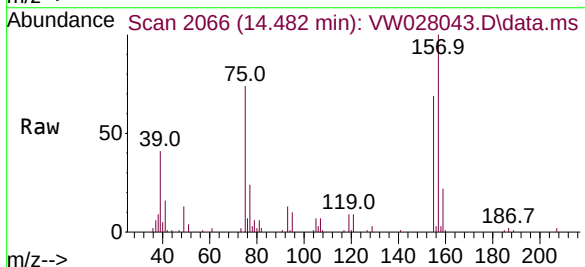
Tgt Ion: 75 Resp: 10364

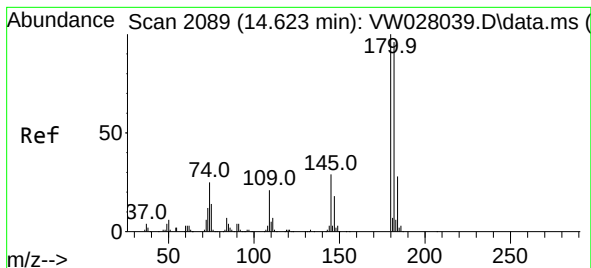
Ion Ratio Lower Upper

75 100

155 92.3 68.7 103.1

157 134.4 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 23.207 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 138160

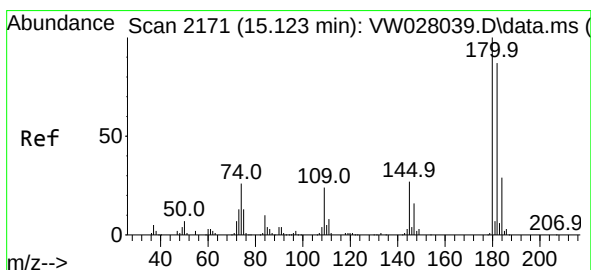
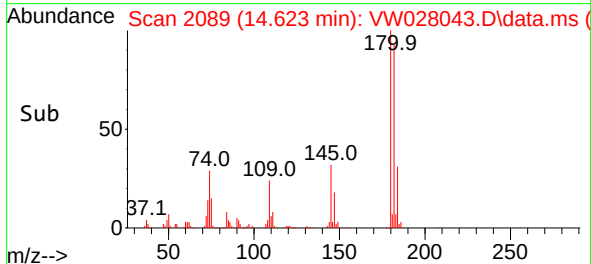
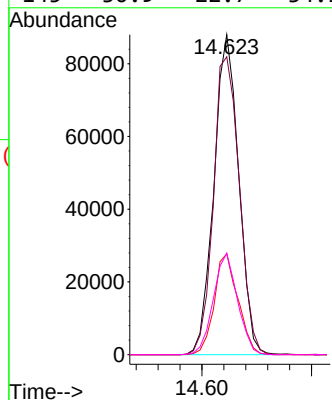
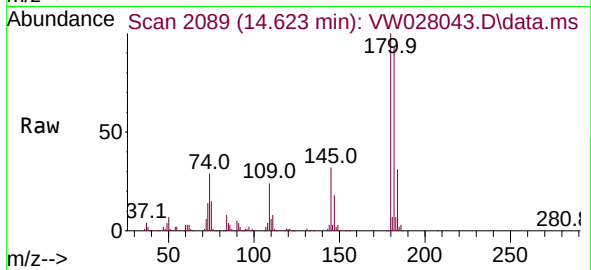
Ion Ratio Lower Upper

180 100

182 97.2 72.1 108.1

184 30.1 24.4 36.6

145 30.9 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 25.117 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028043.D

Acq: 19 Feb 2024 12:50

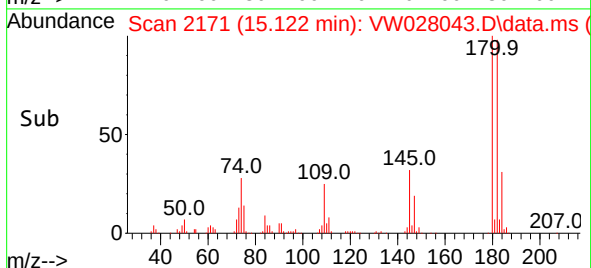
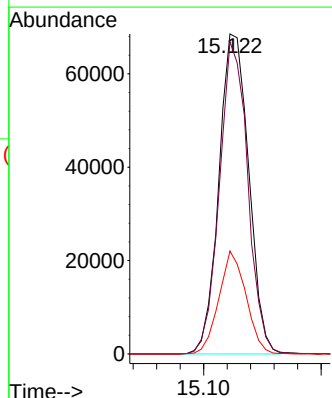
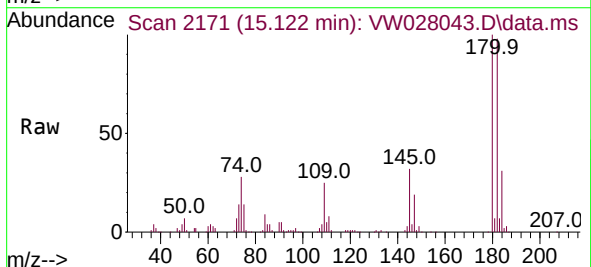
Tgt Ion:180 Resp: 120753

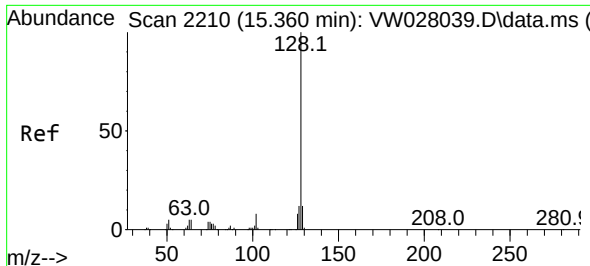
Ion Ratio Lower Upper

180 100

182 92.6 77.0 115.6

145 29.4 23.4 35.0

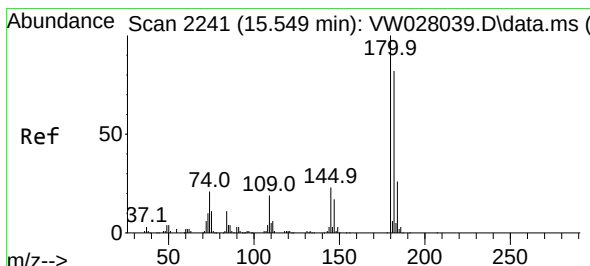
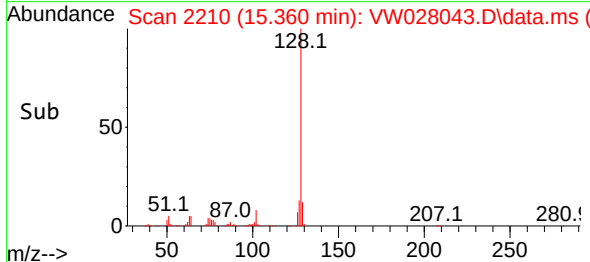
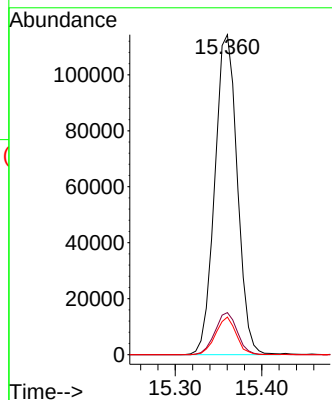
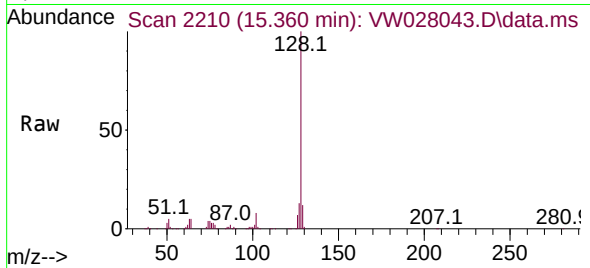




#71
Naphthalene
Concen: 27.649 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 206557
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 25.677 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028043.D
Acq: 19 Feb 2024 12:50

Tgt Ion:180 Resp: 102993
Ion Ratio Lower Upper
180 100
182 89.9 76.5 114.7
145 31.5 25.8 38.8

