

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028184.D
 Acq On : 14 Mar 2024 17:27
 Operator : SY/MD
 Sample : P1742-20MS
 Misc : 5.27g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:59:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	219977	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	182499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	68897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64814	25.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.720%	
7) Chloroethane-d5	2.899	69	46399	25.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.200%	
11) 1,1-Dichloroethene-d2	4.021	65	41350	25.334	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.320%	
21) 2-Butanone-d5	7.075	46	54944	72.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 144.760%#	
24) Chloroform-d	7.648	84	175212	27.012	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.040%	
26) 1,2-Dichloroethane-d4	8.307	65	104584	29.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 117.040%	
32) Benzene-d6	8.270	84	335143	30.078	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 120.320%	
36) 1,2-Dichloropropane-d6	9.270	67	98128	30.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 122.400%#	
41) Toluene-d8	10.319	98	294125	28.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.480%	
43) trans-1,3-Dichloroprop...	10.575	79	46048	31.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 126.480%	
47) 2-Hexanone-d5	10.922	63	44313	83.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 167.220%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79353	33.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 134.000%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	69799	27.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 111.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	58078	18.200	ug/L #	87
3) Chloromethane	2.229	50	44185	19.522	ug/L	96
5) Vinyl chloride	2.375	62	50701	19.818	ug/L	97
6) Bromomethane	2.790	94	30591	20.078	ug/L	95
8) Chloroethane	2.942	64	27631	20.094	ug/L	99
9) Trichlorofluoromethane	3.271	101	65036	21.026	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	53408	17.381	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	55918	19.685	ug/L	90
13) Acetone	4.119	43	50511	59.927	ug/L	98
14) Carbon disulfide	4.393	76	171376	19.343	ug/L	98
15) Methyl Acetate	4.673	43	31541	24.294	ug/L	98
16) Methylene chloride	4.917	84	60797	18.159	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	59423	19.684	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	106671	23.420	ug/L	99
19) 1,1-Dichloroethane	6.216	63	117812	20.159	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	65622	20.127	ug/L	98
22) 2-Butanone	7.167	43	52012	54.350	ug/L	98
23) Bromochloromethane	7.514	128	30151	20.918	ug/L	92
25) Chloroform	7.679	83	121986	20.275	ug/L	96

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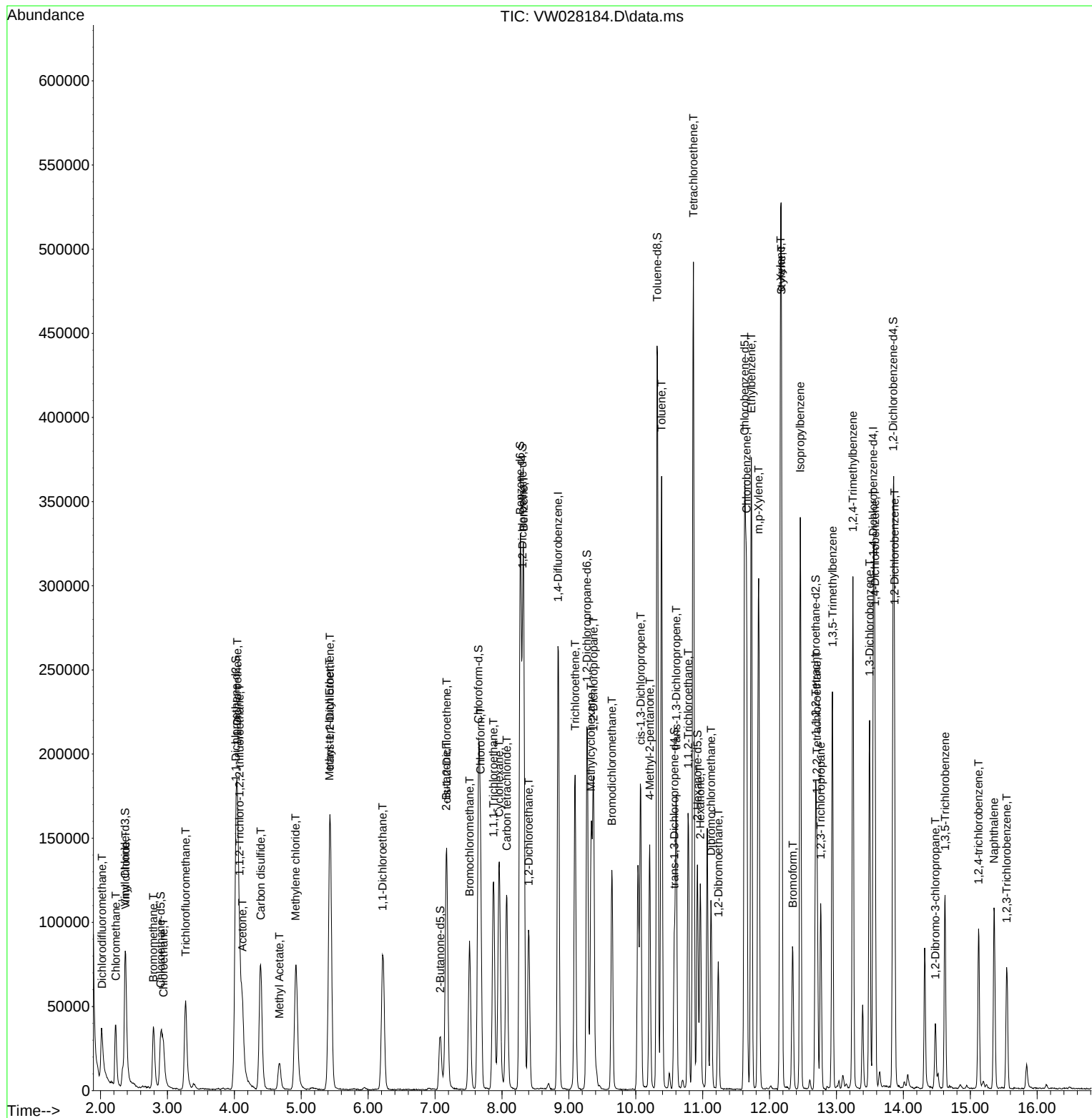
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	91076	21.435	ug/L	96
29) Cyclohexane	7.959	56	78342	16.458	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	102385	21.402	ug/L	99
31) Carbon tetrachloride	8.069	117	88259	19.669	ug/L	100
33) Benzene	8.325	78	247593	22.047	ug/L	100
34) Trichloroethene	9.093	95	64899	20.714	ug/L	97
35) Methylcyclohexane	9.331	83	60076	11.344	ug/L	99
37) 1,2-Dichloropropane	9.368	63	63714	22.181	ug/L	100
38) Bromodichloromethane	9.642	83	86357	22.299	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	106181	23.082	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	91831	57.918	ug/L	99
42) Toluene	10.386	91	254452	20.761	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	92842	23.905	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	49996	24.090	ug/L	98
46) Tetrachloroethene	10.861	164	108285	42.876	ug/L	97
48) 2-Hexanone	10.965	43	75617	60.882	ug/L	98
49) Dibromochloromethane	11.123	129	56432	22.960	ug/L	100
50) 1,2-Dibromoethane	11.233	107	48087	24.232	ug/L	98
51) Chlorobenzene	11.654	112	150897	19.397	ug/L	98
52) Ethylbenzene	11.727	91	254809	17.809	ug/L	99
53) m,p-Xylene	11.837	106	96758	17.971	ug/L	97
54) o-Xylene	12.166	106	90108	18.047	ug/L	100
55) Styrene	12.178	104	163384	19.051	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	57788	24.344	ug/L	97
59) Bromoform	12.349	173	33719	32.661	ug/L	99
60) Isopropylbenzene	12.459	105	212977	20.806	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44806	34.076	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	125022	18.202	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	154675	18.650	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	85227	18.662	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	85642	18.754	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	82335	20.936	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10091	32.670	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	35042	11.016	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	29065	10.755	ug/L	97
71) Naphthalene	15.354	128	90318	19.472	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	23980	10.764	ug/L	97

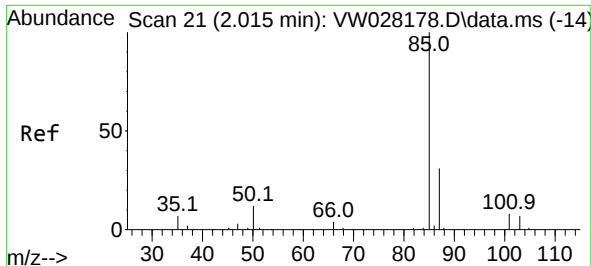
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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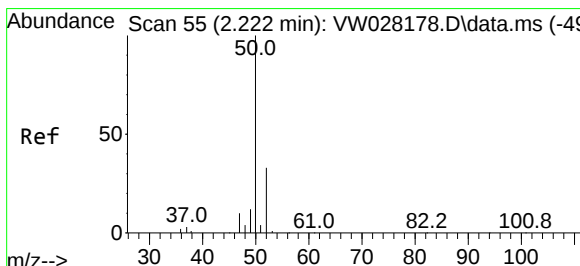
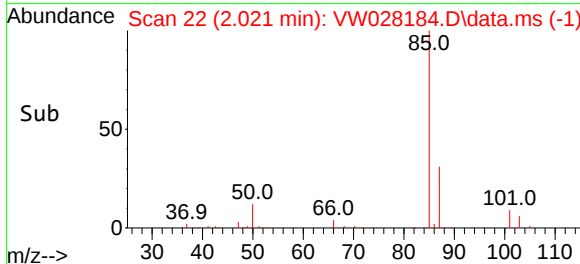
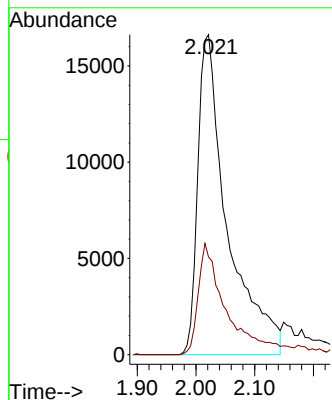
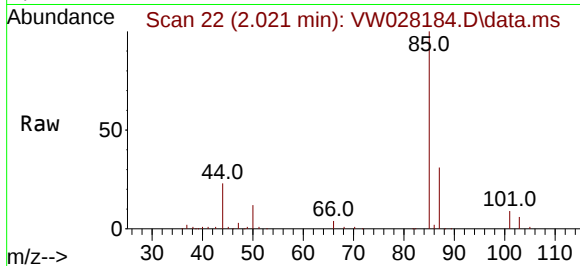




#2
 Dichlorodifluoromethane
 Concen: 18.200 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028184.D
 Acq: 14 Mar 2024 17:27

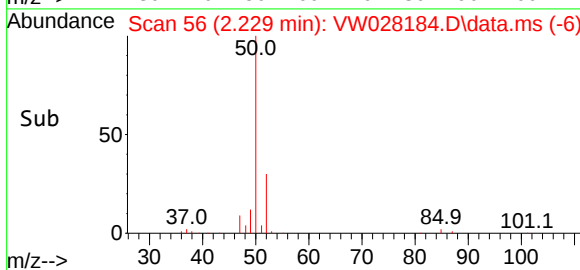
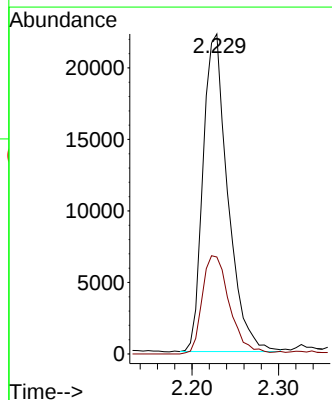
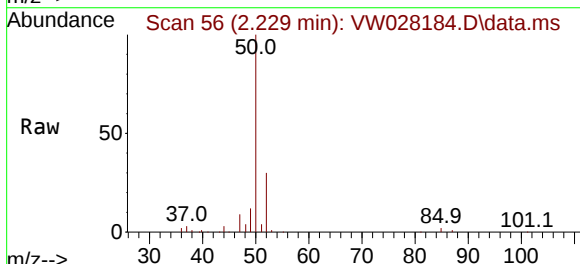
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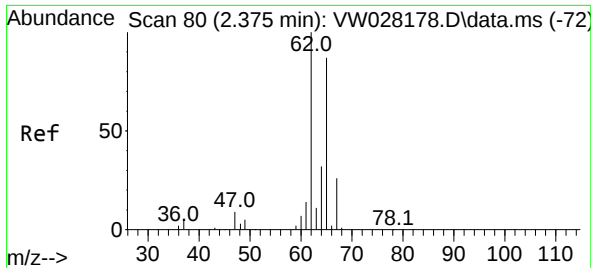
Tgt Ion: 85 Resp: 58078
 Ion Ratio Lower Upper
 85 100
 87 32.5 20.9 31.3#



#3
 Chloromethane
 Concen: 19.522 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028184.D
 Acq: 14 Mar 2024 17:27

Tgt Ion: 50 Resp: 44185
 Ion Ratio Lower Upper
 50 100
 52 30.3 22.7 42.1

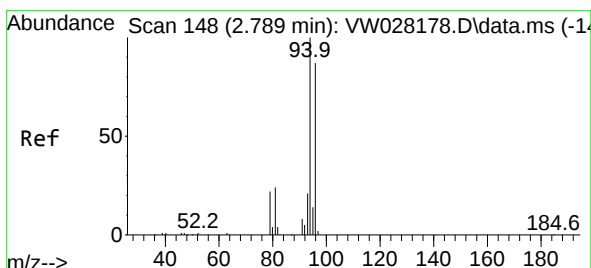
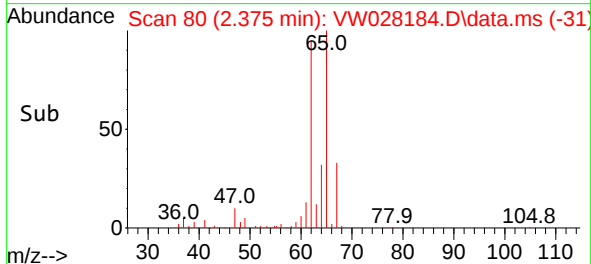
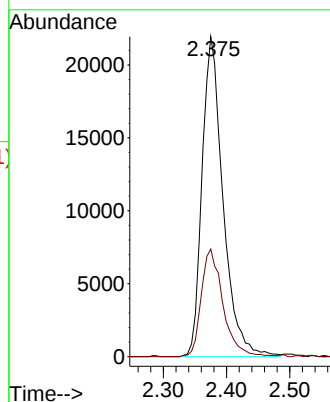
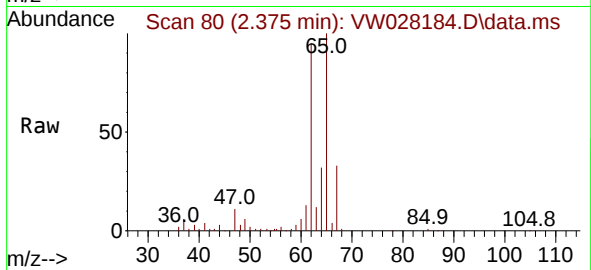




#5
 Vinyl chloride
 Concen: 19.818 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028184.D
 Acq: 14 Mar 2024 17:27

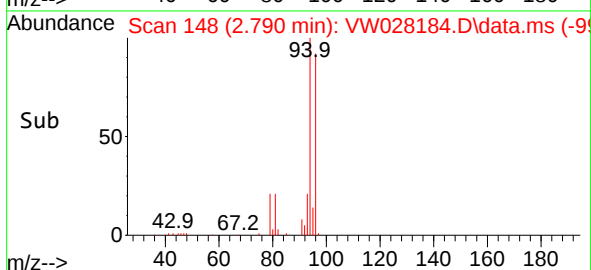
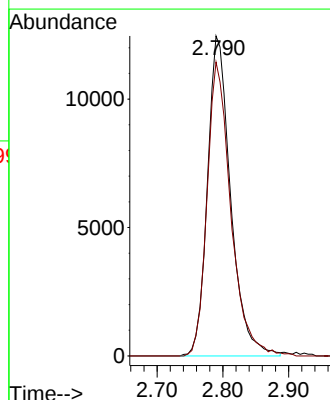
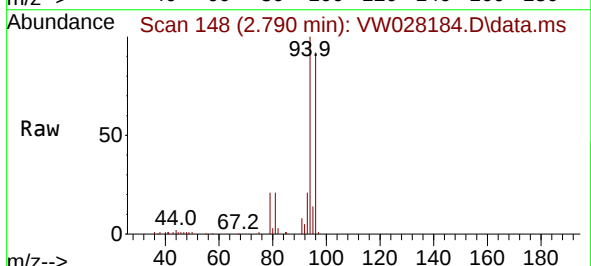
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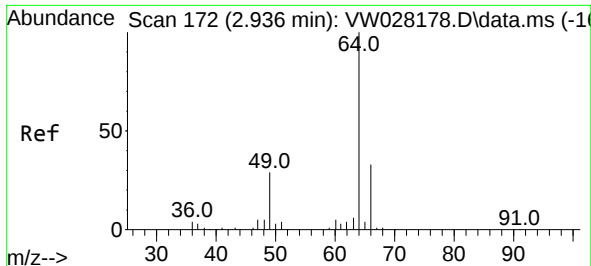
Tgt Ion: 62 Resp: 50701
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.5 41.7



#6
 Bromomethane
 Concen: 20.078 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028184.D
 Acq: 14 Mar 2024 17:27

Tgt Ion: 94 Resp: 30591
 Ion Ratio Lower Upper
 94 100
 96 91.9 60.8 113.0

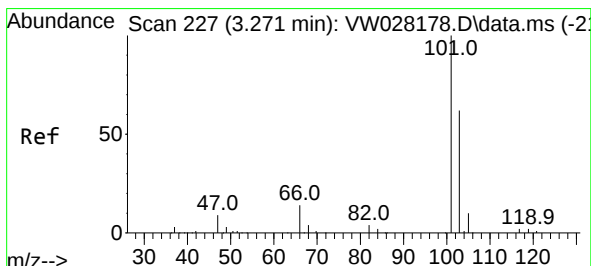
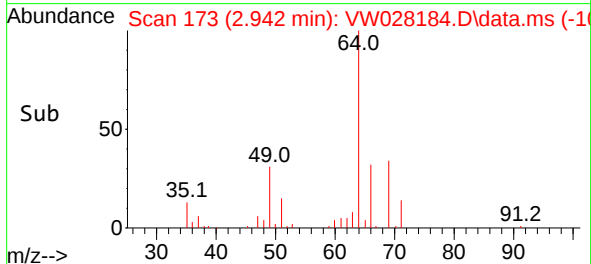
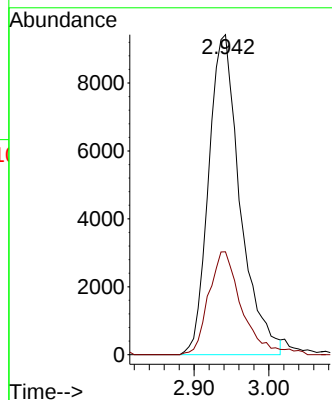
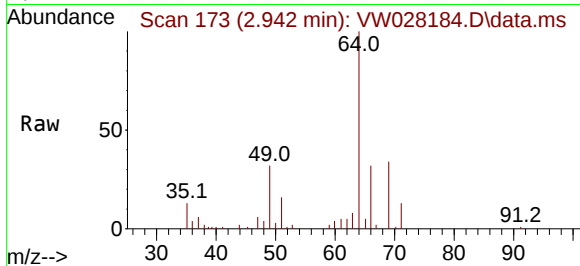




#8
Chloroethane
Concen: 20.094 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

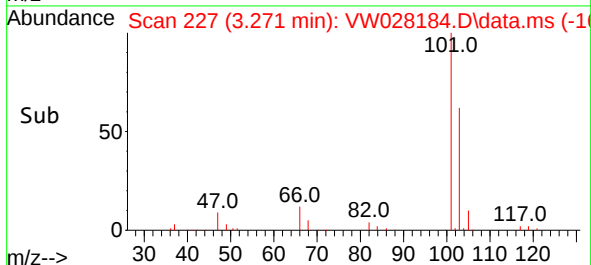
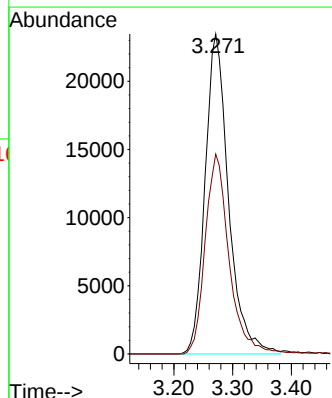
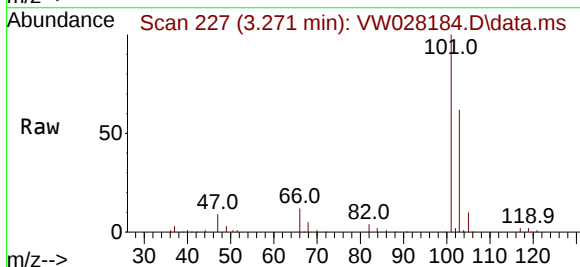
Instrument :
MSVOA_W
ClientSampleId :

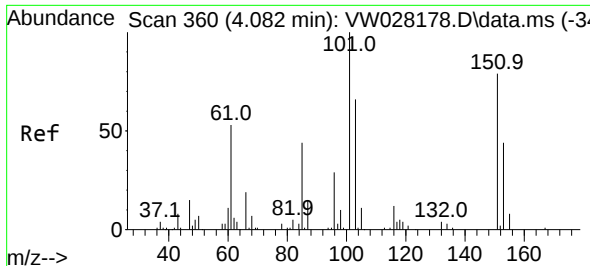
Tgt Ion: 64 Resp: 27631
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.026 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion:101 Resp: 65036
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3

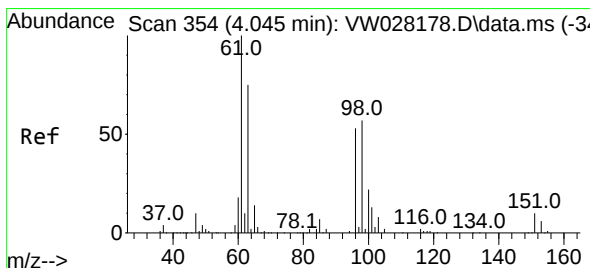
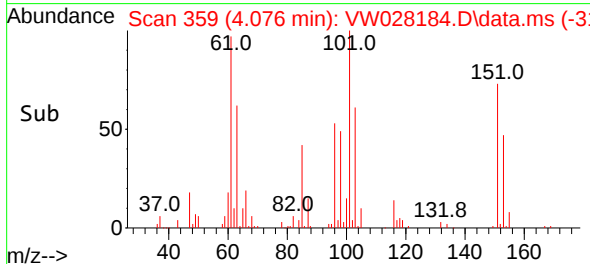
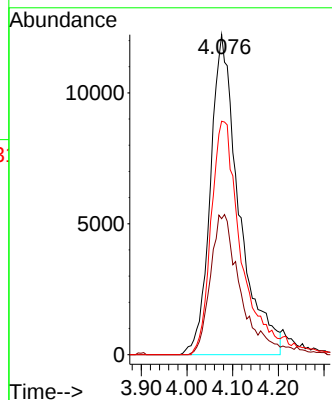
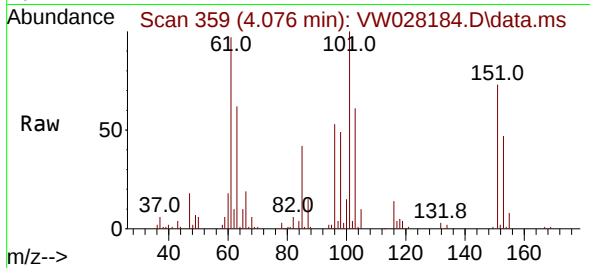




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.381 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW028184.D
 Acq: 14 Mar 2024 17:27

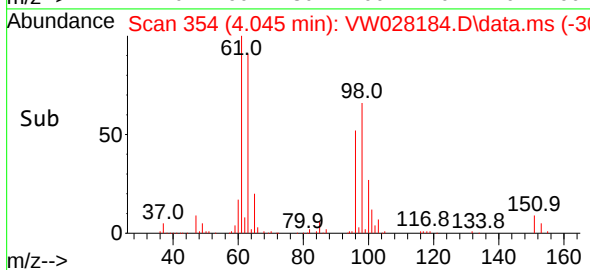
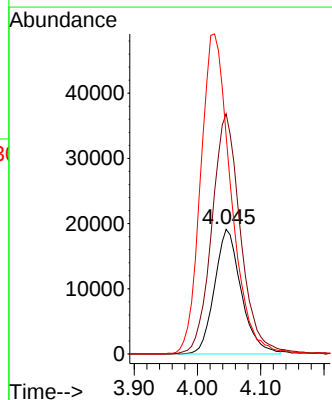
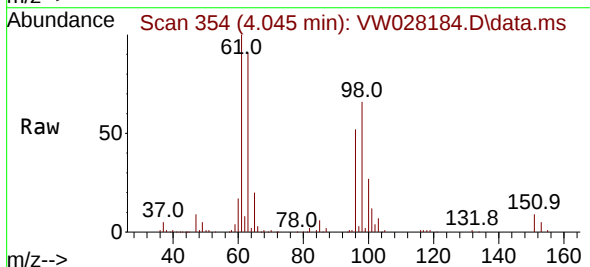
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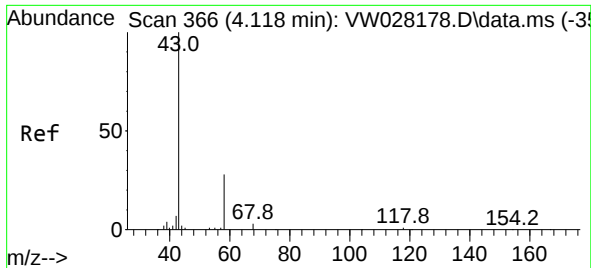
Tgt Ion:101 Resp: 53408
 Ion Ratio Lower Upper
 101 100
 85 19.0 36.4 54.6#
 151 75.0 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 19.685 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028184.D
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Tgt Ion: 96 Resp: 55918
 Ion Ratio Lower Upper
 96 100
 61 192.6 132.2 245.4
 63 175.1 104.6 194.2

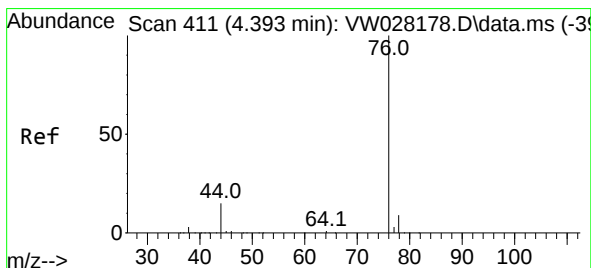
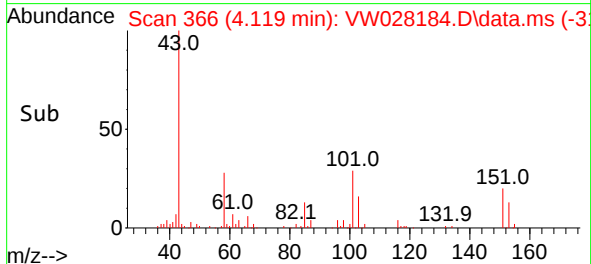
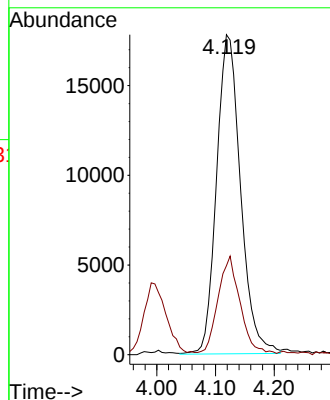
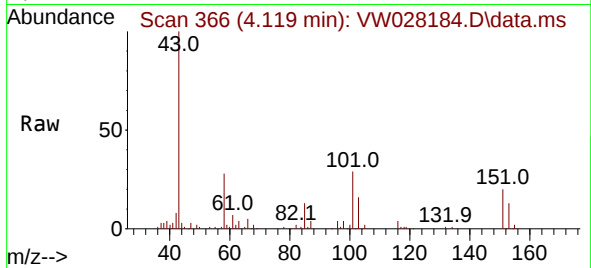




#13
Acetone
Concen: 59.927 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028184.D
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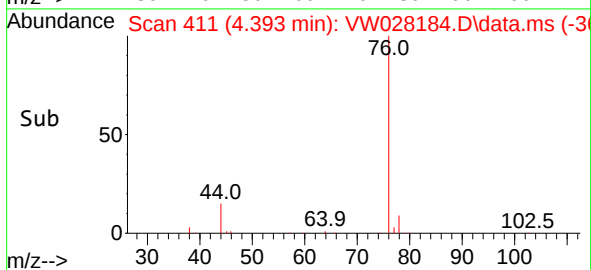
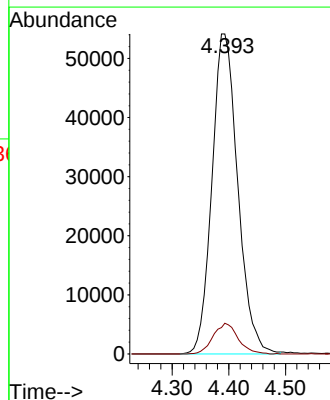
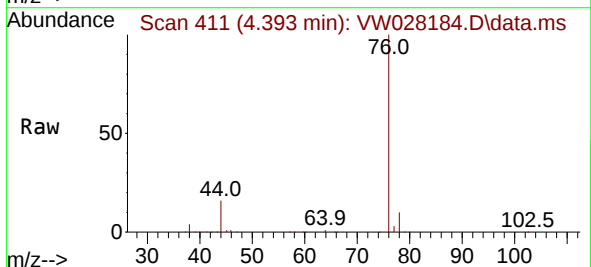
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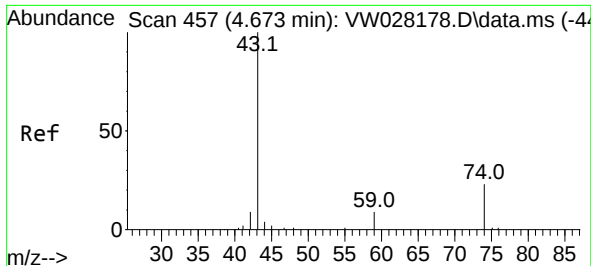
Tgt Ion: 43 Resp: 50511
Ion Ratio Lower Upper
43 100
58 27.7 0.0 57.8



#14
Carbon disulfide
Concen: 19.343 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 171376
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

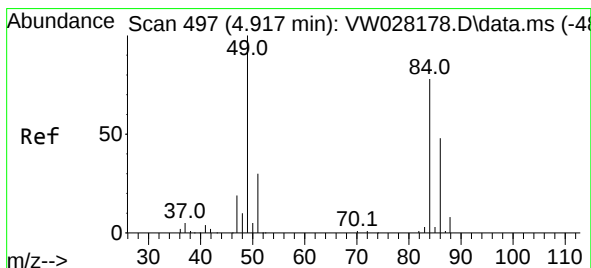
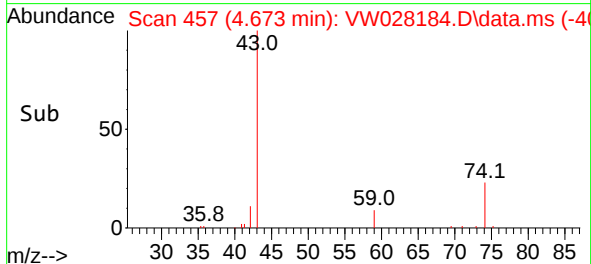
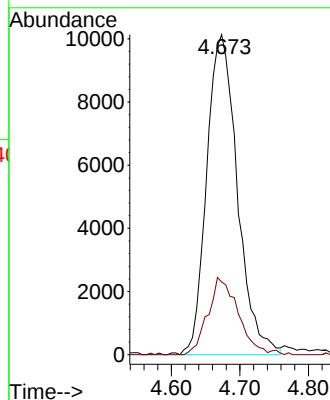
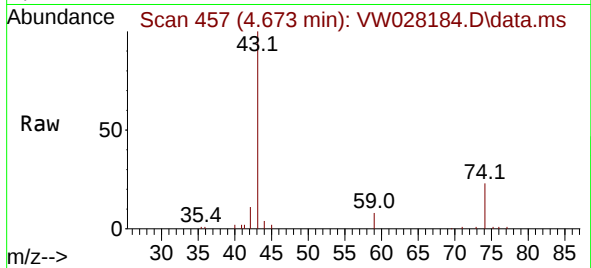




#15
Methyl Acetate
Concen: 24.294 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

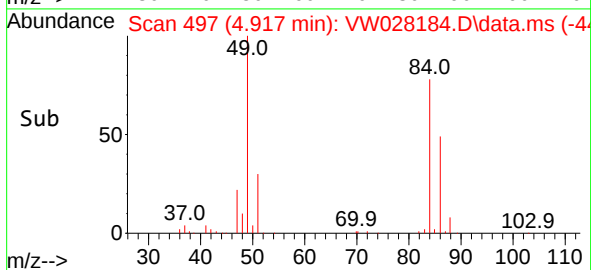
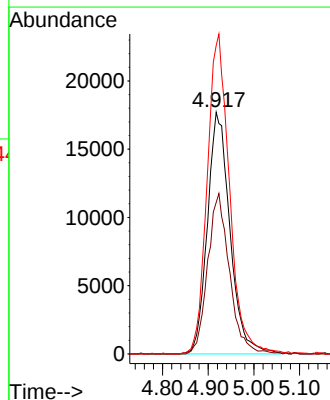
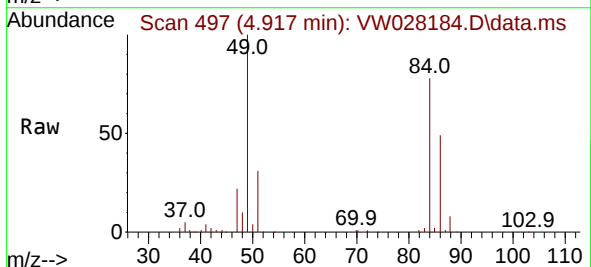
Instrument :
MSVOA_W
ClientSampleId :

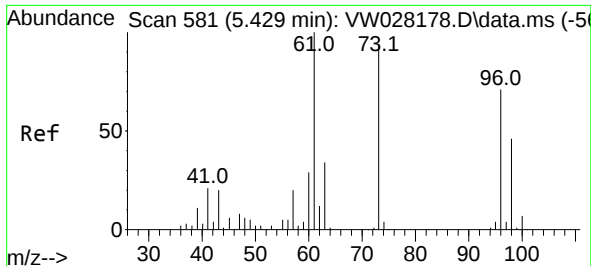
Tgt Ion: 43 Resp: 31541
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.2



#16
Methylene chloride
Concen: 18.159 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion: 84 Resp: 60797
Ion Ratio Lower Upper
84 100
86 62.7 43.1 80.1
49 127.7 89.4 166.0

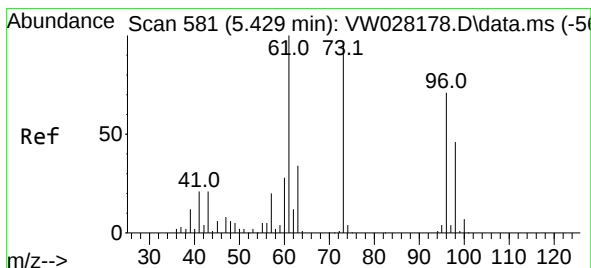
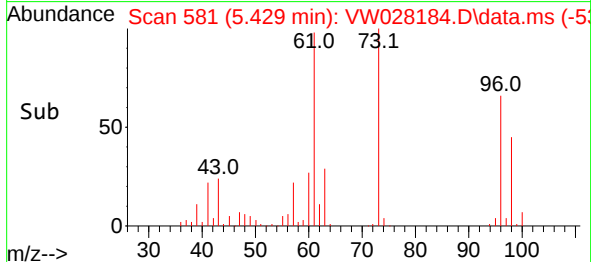
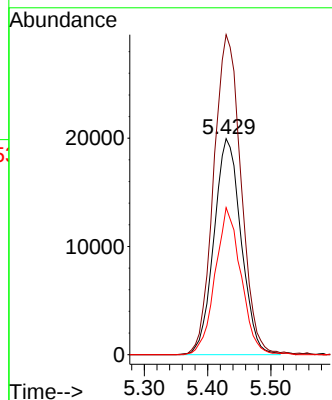
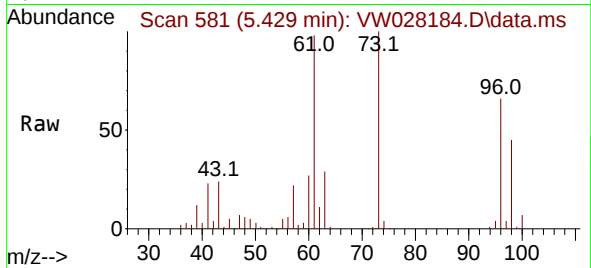




#17
trans-1,2-Dichloroethene
Concen: 19.684 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

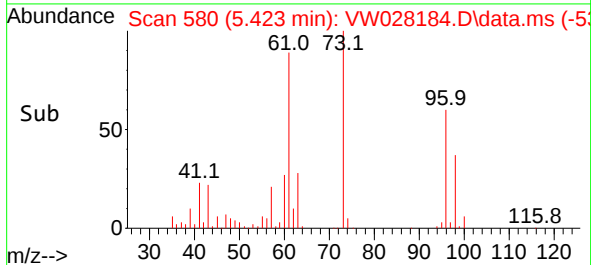
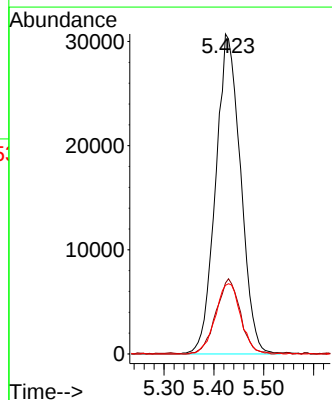
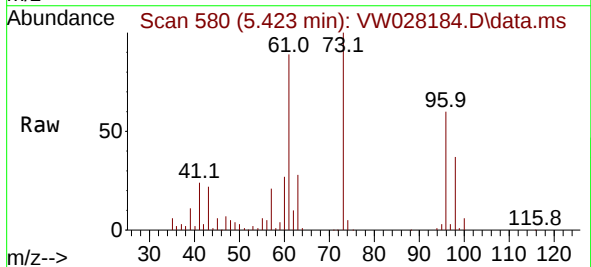
Instrument :
MSVOA_W
ClientSampleId :

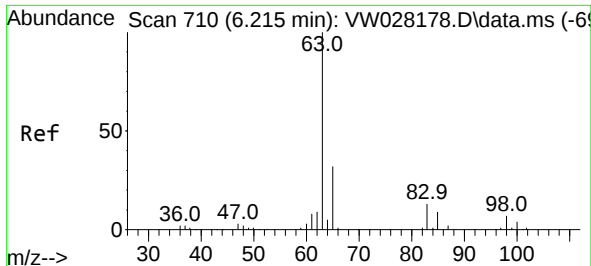
Tgt Ion: 96 Resp: 59423
Ion Ratio Lower Upper
96 100
61 148.1 98.4 182.8
98 68.1 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 23.420 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion: 73 Resp: 106671
Ion Ratio Lower Upper
73 100
43 22.9 18.2 27.4
57 22.3 17.4 26.2





#19

1,1-Dichloroethane

Concen: 20.159 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

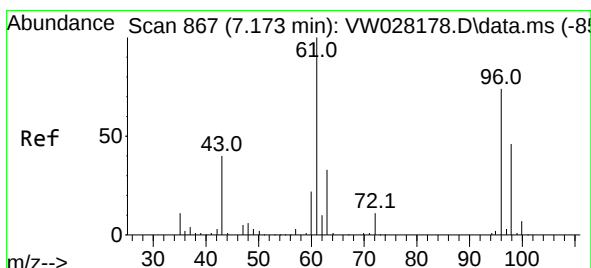
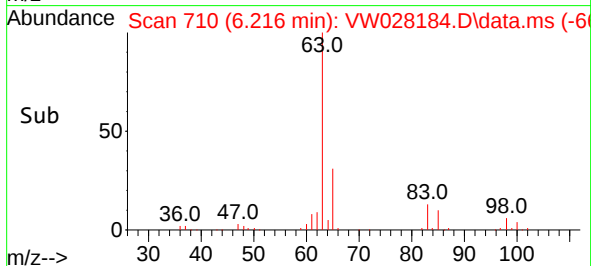
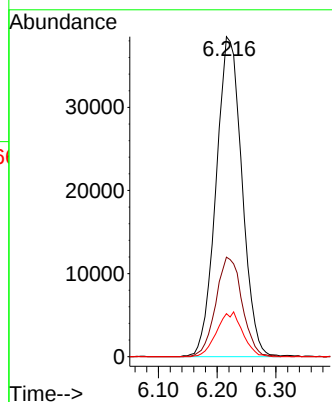
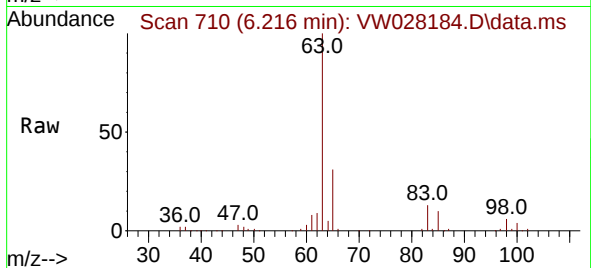
Tgt Ion: 63 Resp: 117812

Ion Ratio Lower Upper

63 100

65 31.1 22.1 41.1

83 13.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 20.127 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

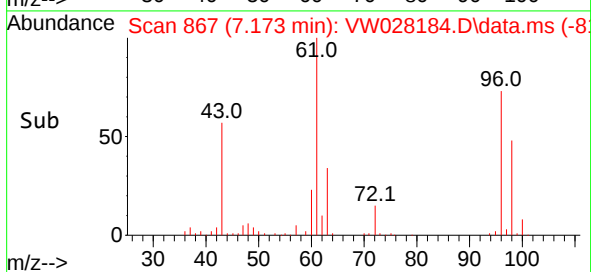
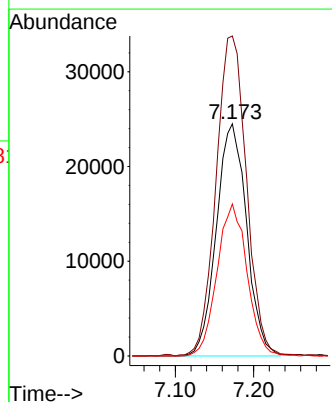
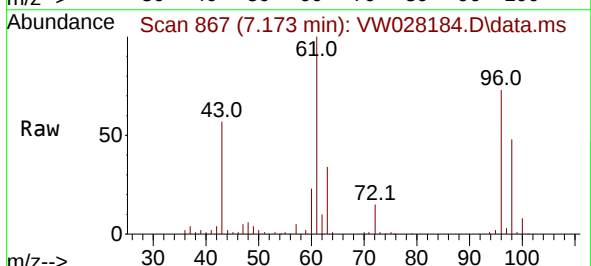
Tgt Ion: 96 Resp: 65622

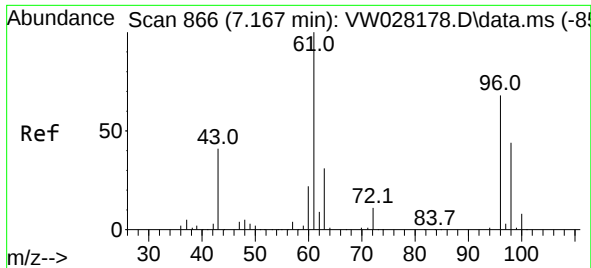
Ion Ratio Lower Upper

96 100

61 137.8 95.7 177.7

98 65.5 43.9 81.5

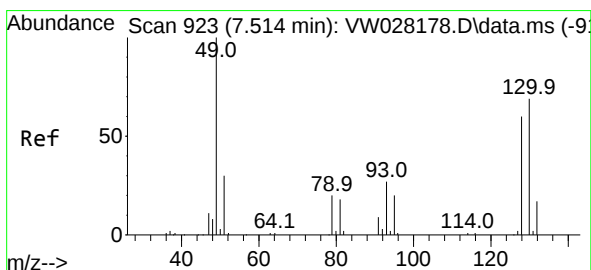
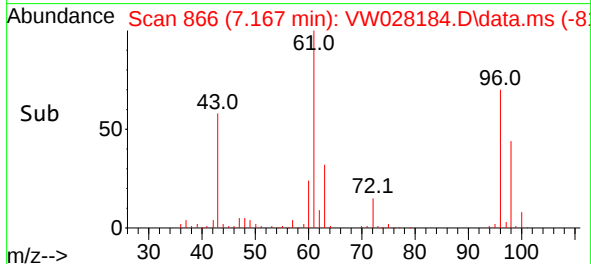
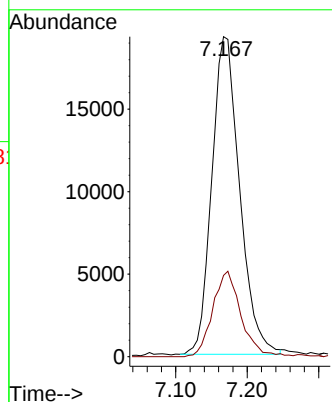
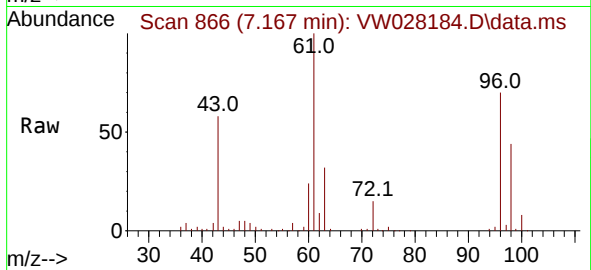




#22
2-Butanone
Concen: 54.350 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

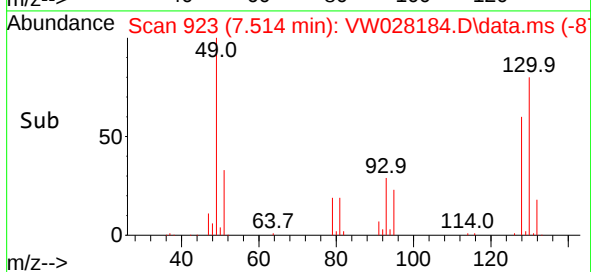
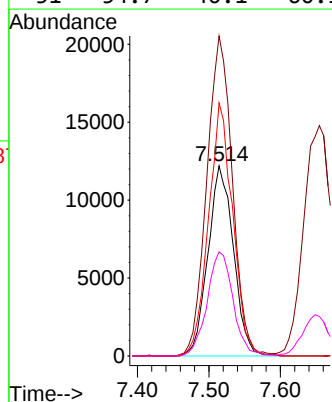
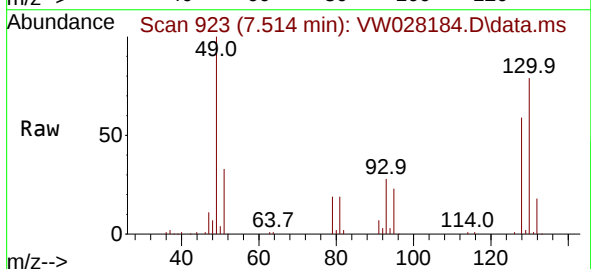
Instrument :
MSVOA_W
ClientSampleId :

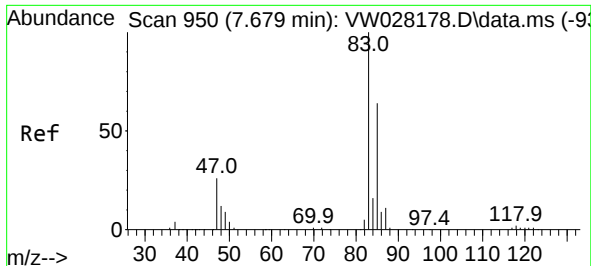
Tgt Ion: 43 Resp: 52012
Ion Ratio Lower Upper
43 100
72 26.7 12.8 38.4



#23
Bromochloromethane
Concen: 20.918 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion: 128 Resp: 30151
Ion Ratio Lower Upper
128 100
49 168.3 116.6 216.6
130 133.0 80.1 148.7
51 54.7 40.1 60.1

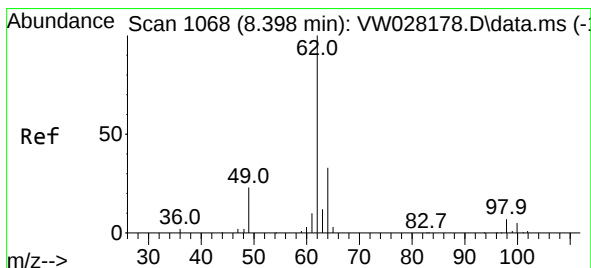
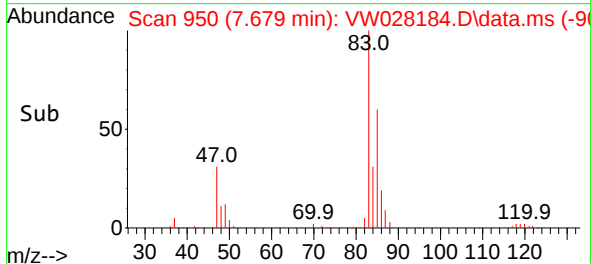
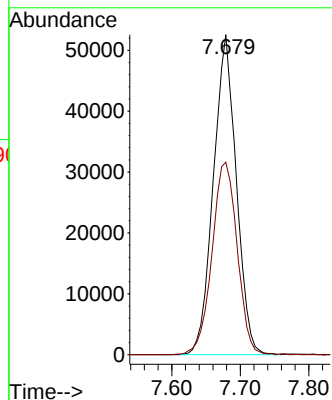
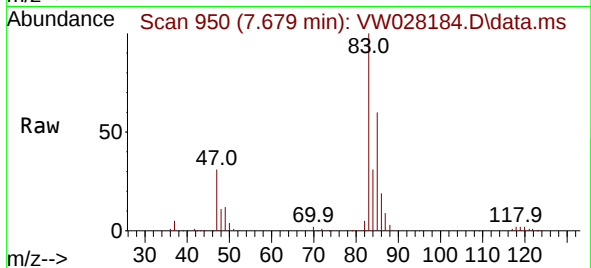




#25
Chloroform
Concen: 20.275 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

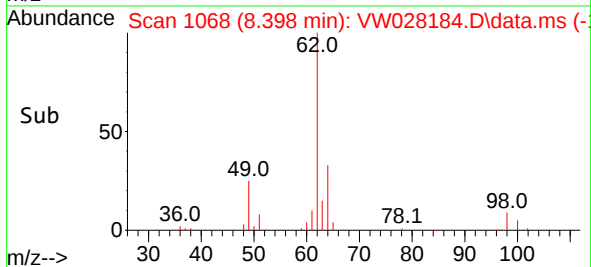
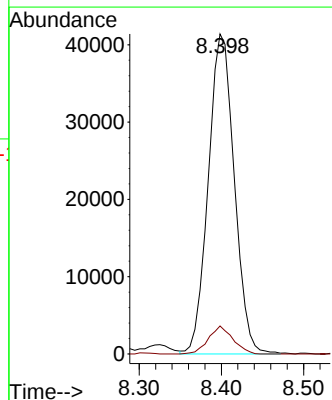
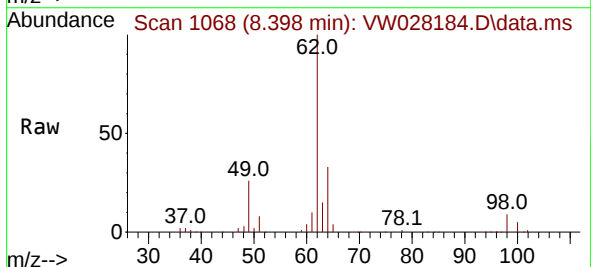
Instrument :
MSVOA_W
ClientSampleId :

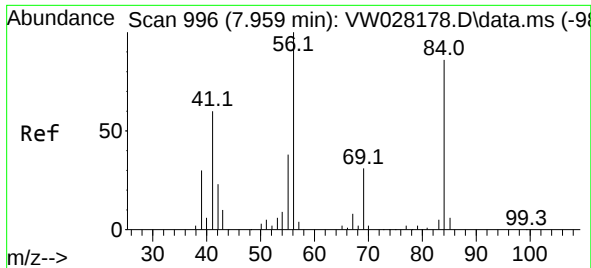
Tgt Ion: 83 Resp: 121986
Ion Ratio Lower Upper
83 100
85 60.1 44.5 82.7



#27
1,2-Dichloroethane
Concen: 21.435 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion: 62 Resp: 91076
Ion Ratio Lower Upper
62 100
98 8.7 5.9 8.9

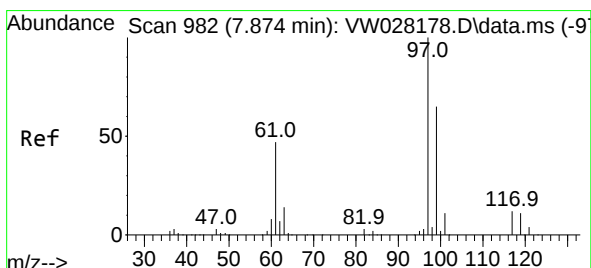
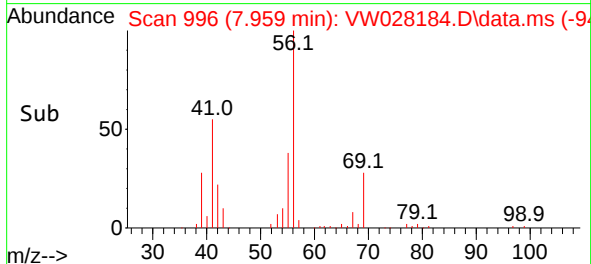
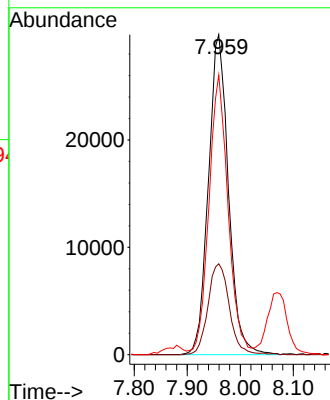
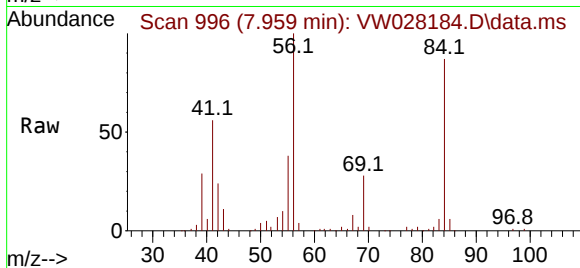




#29
Cyclohexane
Concen: 16.458 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

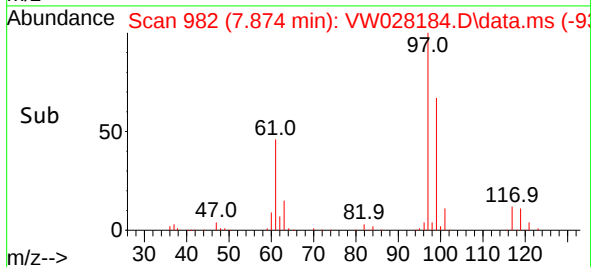
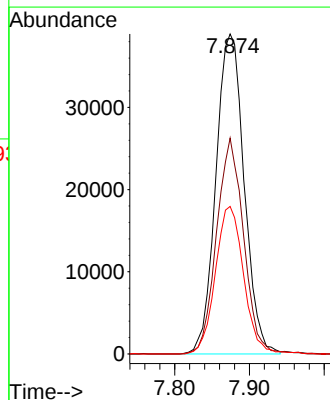
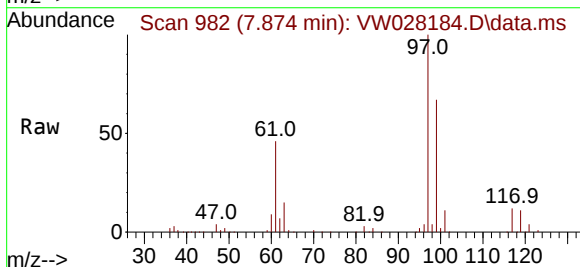
Instrument :
MSVOA_W
ClientSampleId :

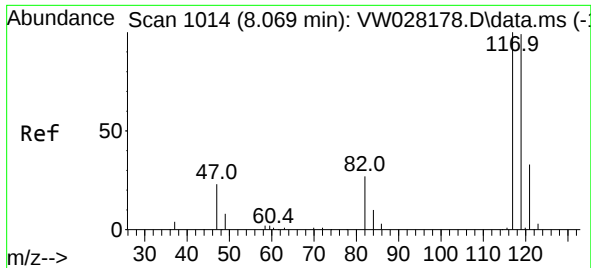
Tgt Ion:	56	Resp:	78342
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.0	36.0
84	83.3	68.4	102.6



#30
1,1,1-Trichloroethane
Concen: 21.402 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion:	97	Resp:	102385
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	45.8	37.0	55.6

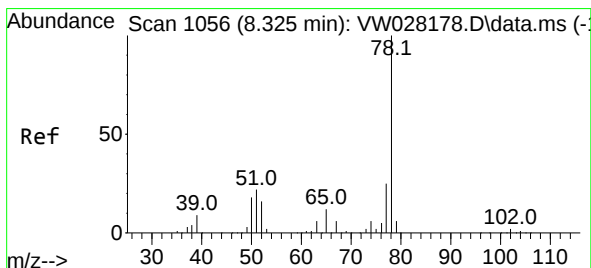
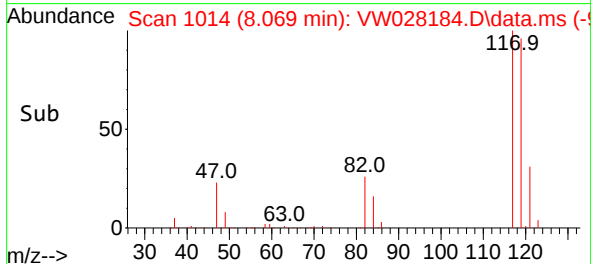
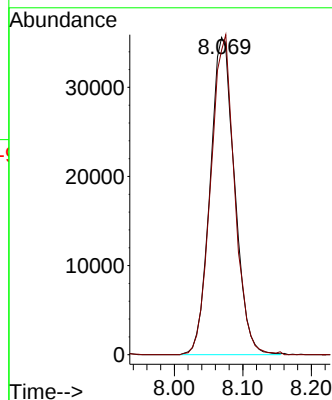
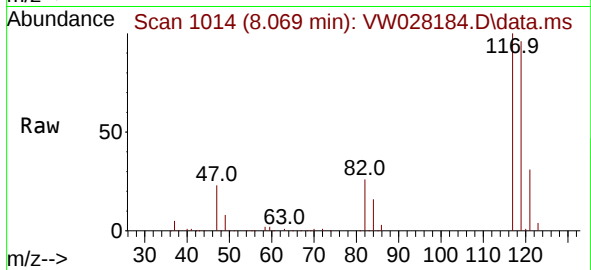




#31
Carbon tetrachloride
Concen: 19.669 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

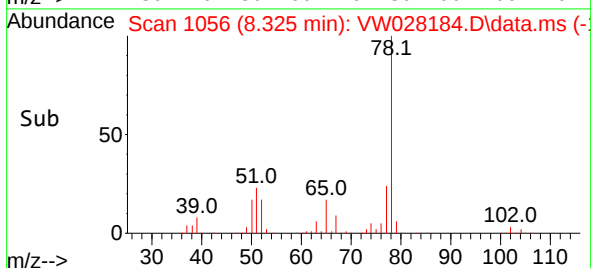
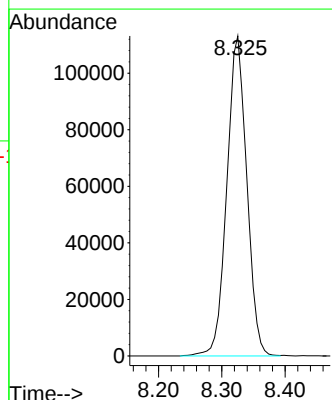
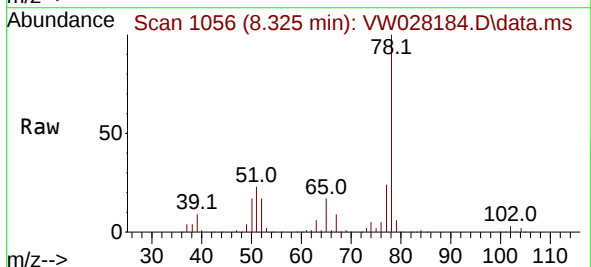
Instrument :
MSVOA_W
ClientSampleId :

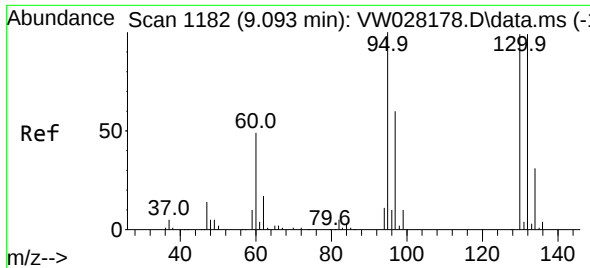
Tgt Ion:117 Resp: 88259
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.4



#33
Benzene
Concen: 22.047 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

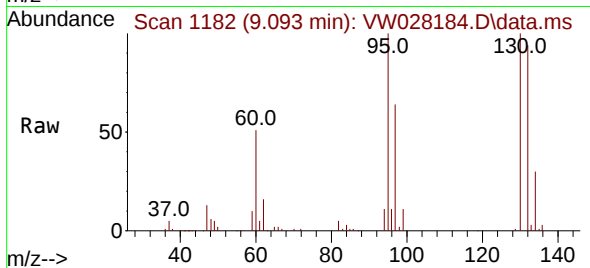
Tgt Ion: 78 Resp: 247593



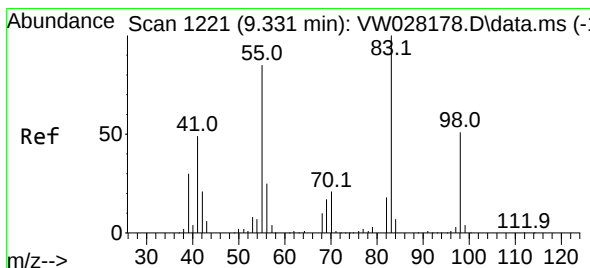
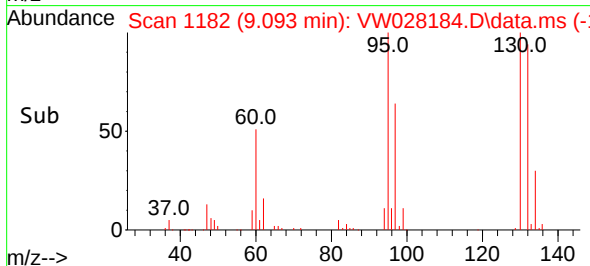
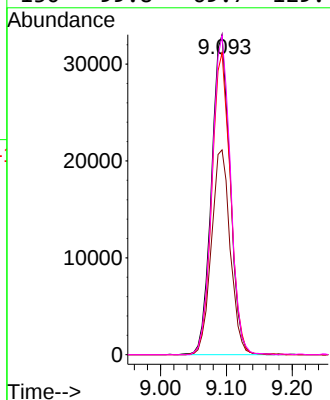


#34
Trichloroethene
Concen: 20.714 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Instrument :
MSVOA_W
ClientSampleId :

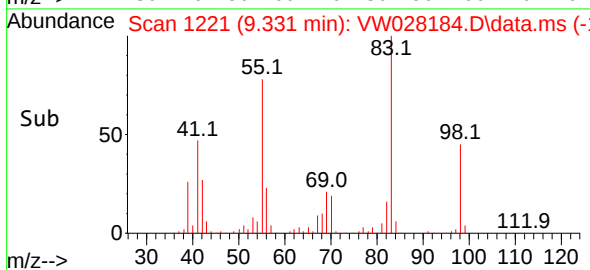
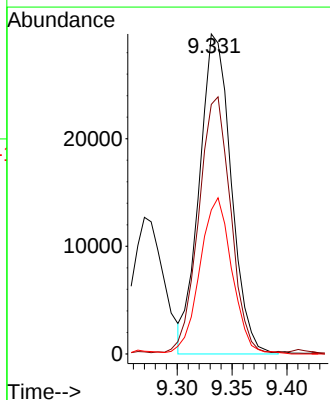
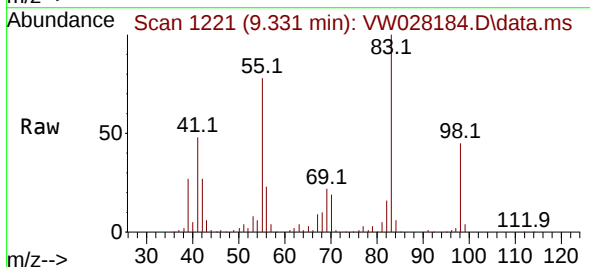


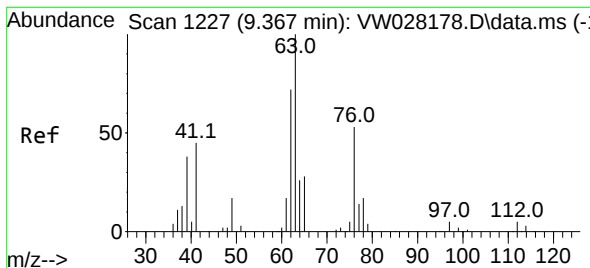
Tgt Ion:	95	Resp:	64899
Ion Ratio	Lower	Upper	
95	100		
97	64.0	42.4	78.6
132	94.3	69.4	128.8
130	99.8	69.7	129.4



#35
Methylcyclohexane
Concen: 11.344 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion:	83	Resp:	60076
Ion Ratio	Lower	Upper	
83	100		
55	80.8	64.2	96.4
98	49.3	38.3	57.5





#37

1,2-Dichloropropane

Concen: 22.181 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

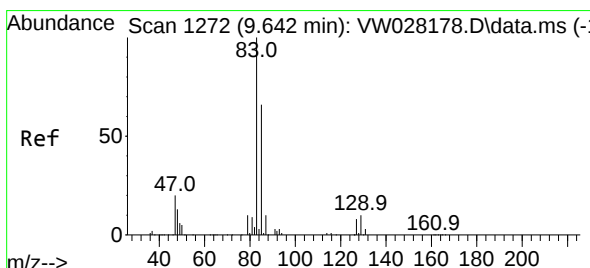
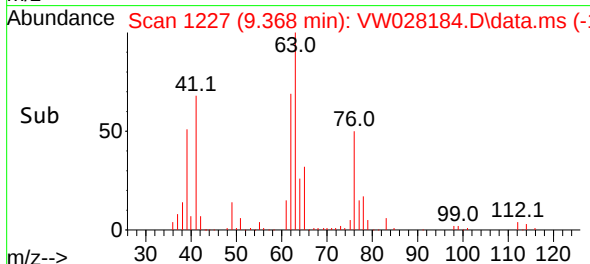
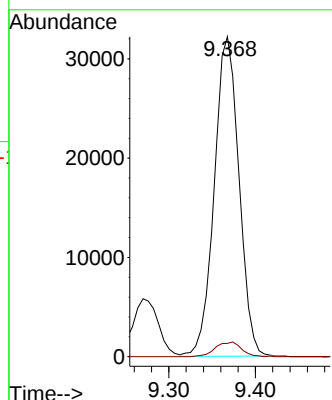
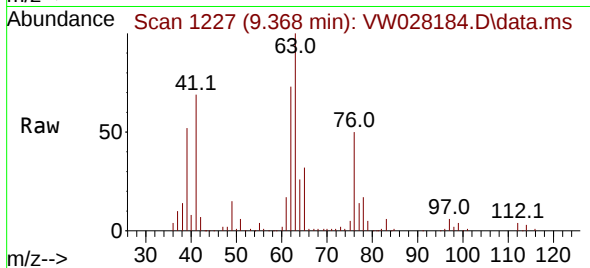
ClientSampleId :

Tgt Ion: 63 Resp: 63714

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 22.299 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

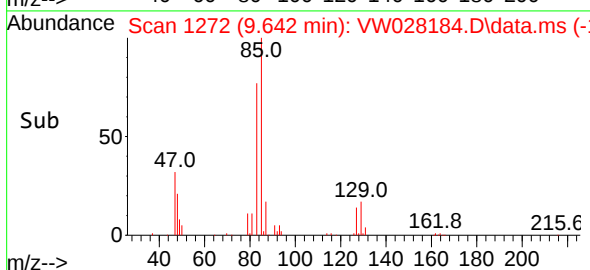
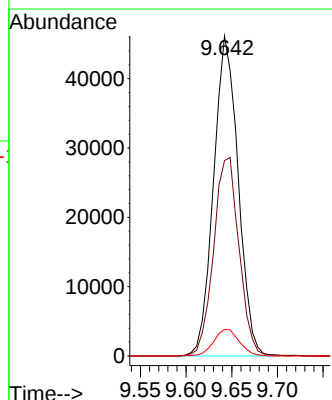
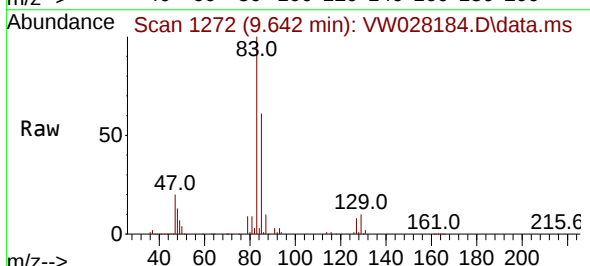
Tgt Ion: 83 Resp: 86357

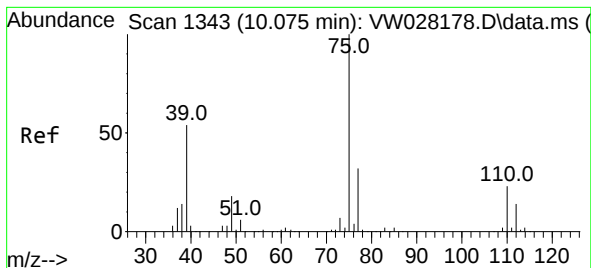
Ion Ratio Lower Upper

83 100

85 61.0 45.8 85.2

127 8.3 6.5 9.7

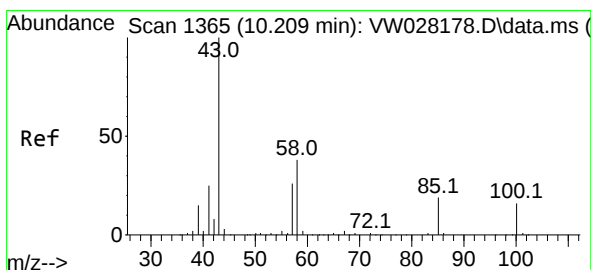
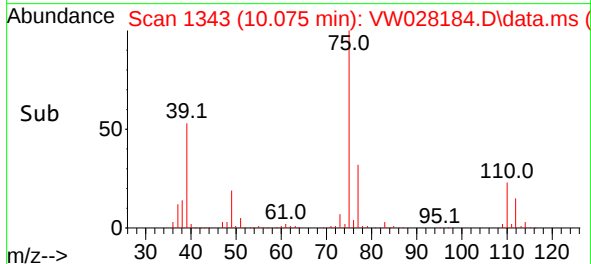
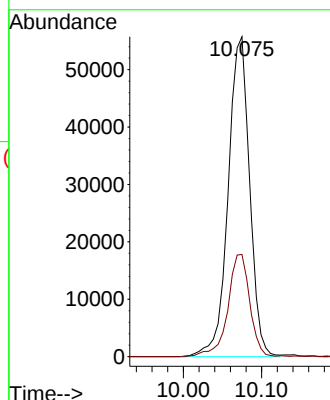
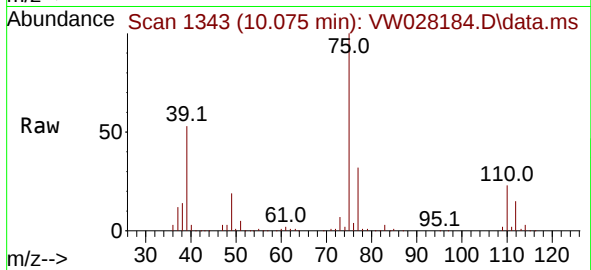




#39
cis-1,3-Dichloropropene
Concen: 23.082 ug/L
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

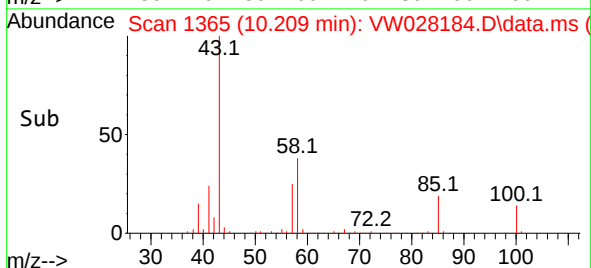
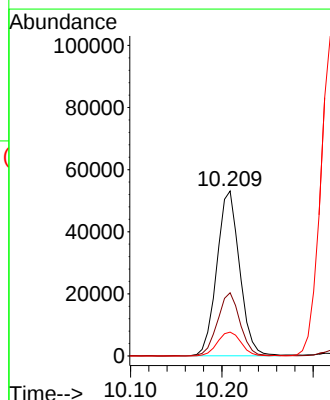
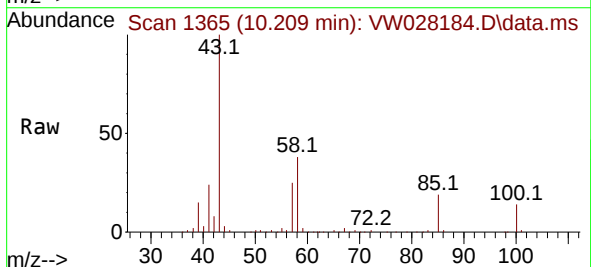
Instrument :
MSVOA_W
ClientSampleId :

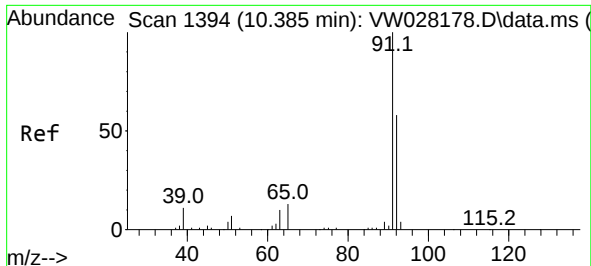
Tgt Ion: 75 Resp: 106181
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 57.918 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion: 43 Resp: 91831
Ion Ratio Lower Upper
43 100
58 38.3 30.1 45.1
100 15.2 11.8 17.8





#42

Toluene

Concen: 20.761 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

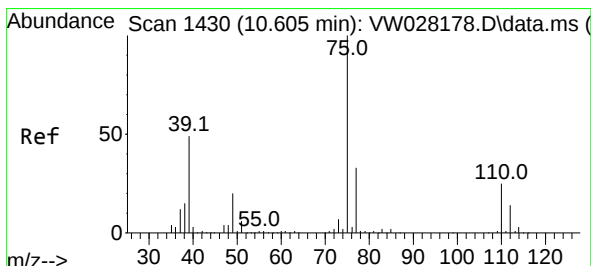
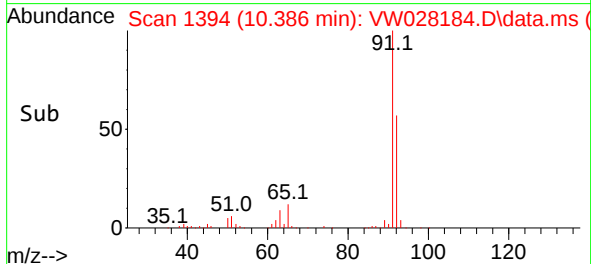
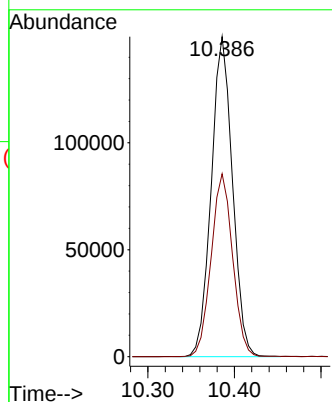
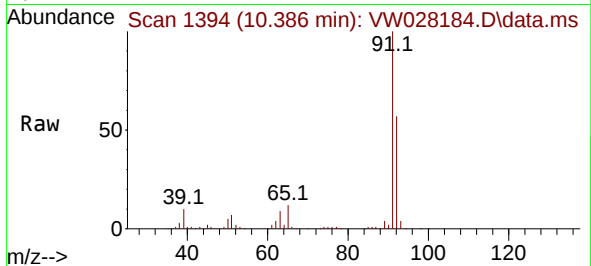
ClientSampleId :

Tgt Ion: 91 Resp: 254452

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.905 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028184.D

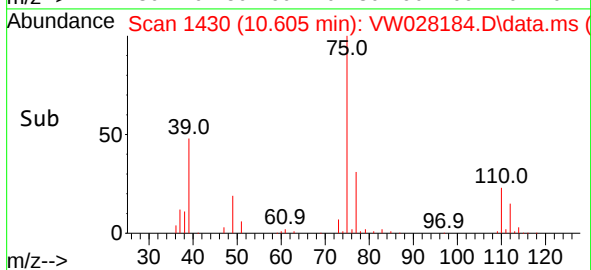
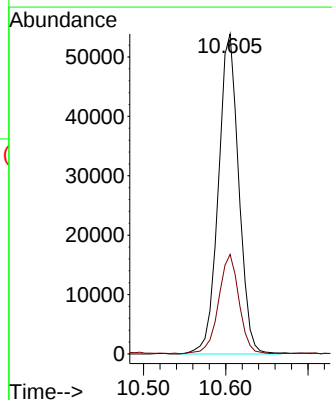
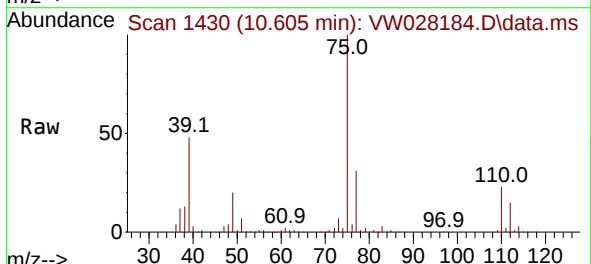
Acq: 14 Mar 2024 17:27

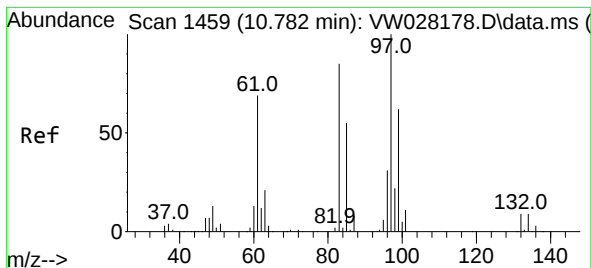
Tgt Ion: 75 Resp: 92842

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.090 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 49996

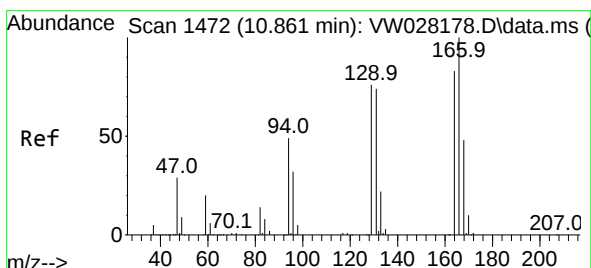
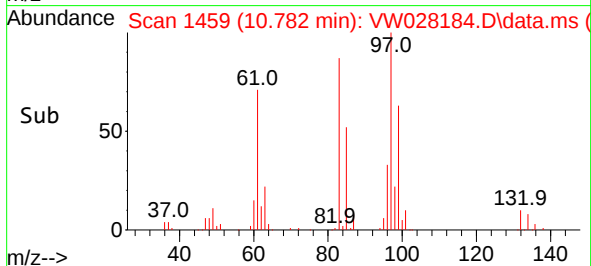
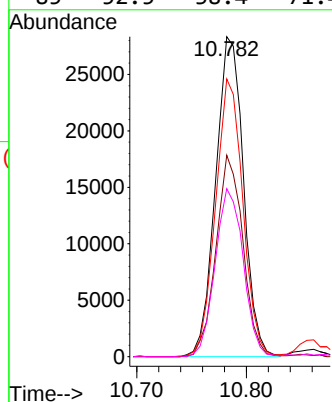
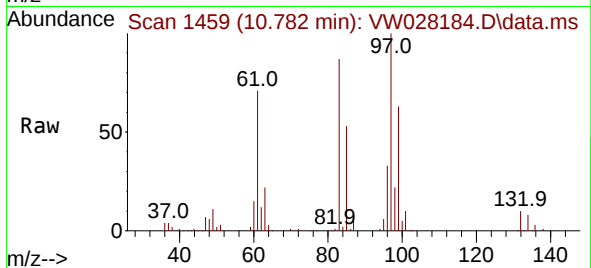
Ion Ratio Lower Upper

97 100

99 63.0 43.4 80.6

83 86.8 59.4 110.4

85 52.5 38.4 71.4



#46

Tetrachloroethene

Concen: 42.876 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Tgt Ion:164 Resp: 108285

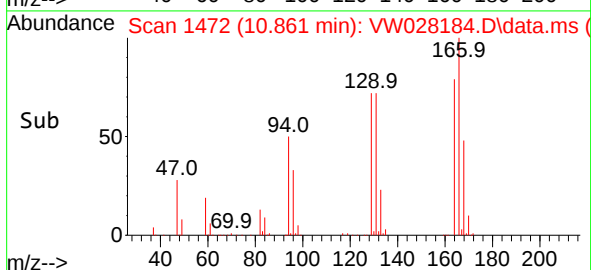
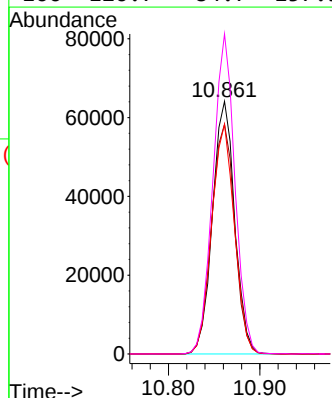
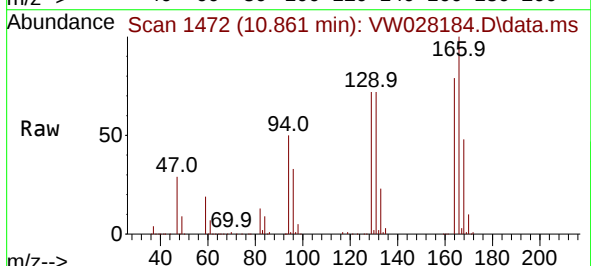
Ion Ratio Lower Upper

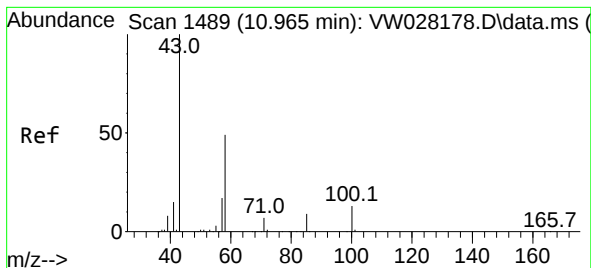
164 100

129 90.9 64.0 119.0

131 91.0 62.6 116.3

166 126.7 84.7 157.3





#48

2-Hexanone

Concen: 60.882 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

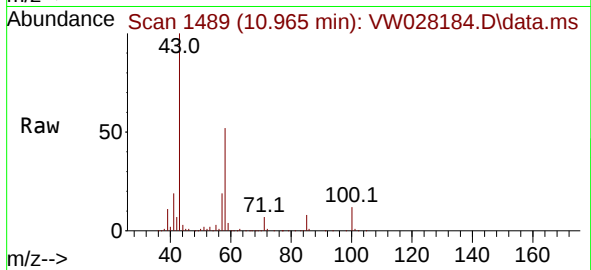
Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 75617

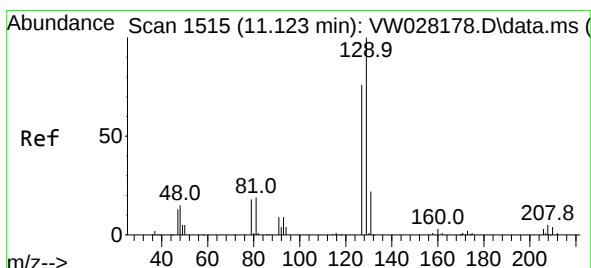
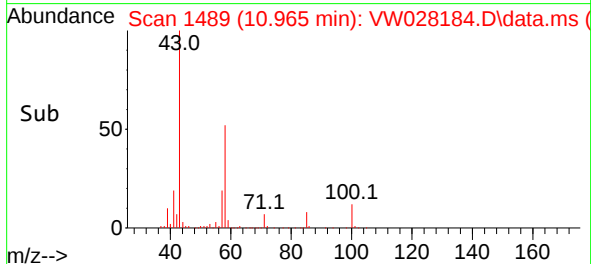
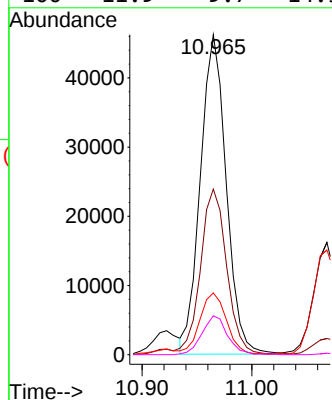
Ion Ratio Lower Upper

43 100

58 52.6 40.6 61.0

57 20.0 15.7 23.5

100 11.9 9.7 14.5



#49

Dibromochloromethane

Concen: 22.960 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028184.D

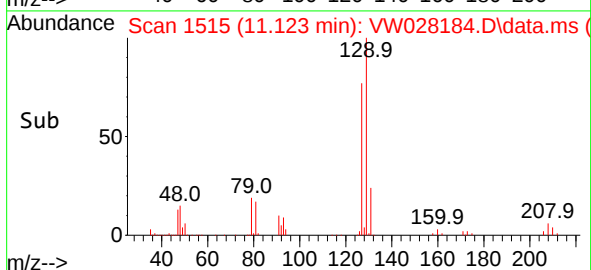
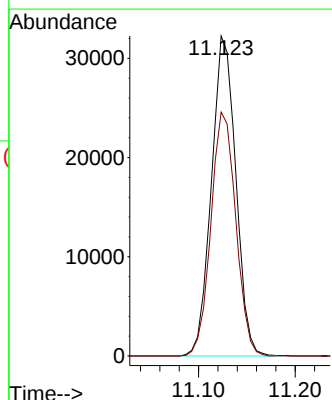
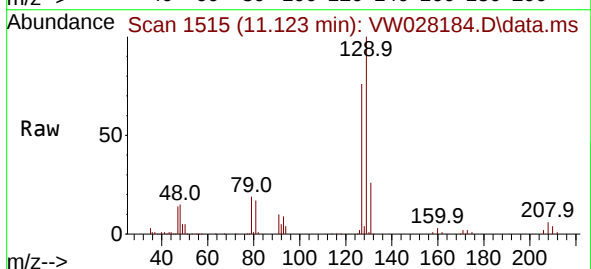
Acq: 14 Mar 2024 17:27

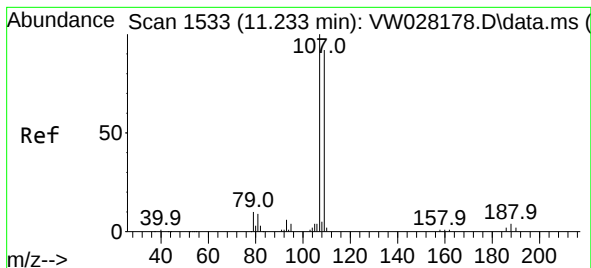
Tgt Ion:129 Resp: 56432

Ion Ratio Lower Upper

129 100

127 76.2 53.1 98.7

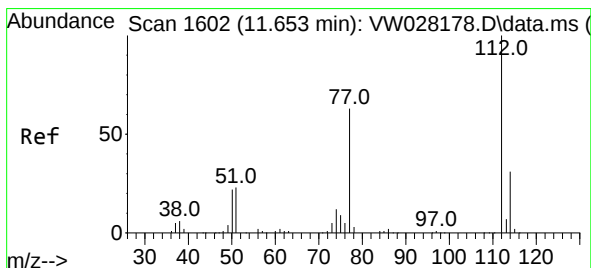
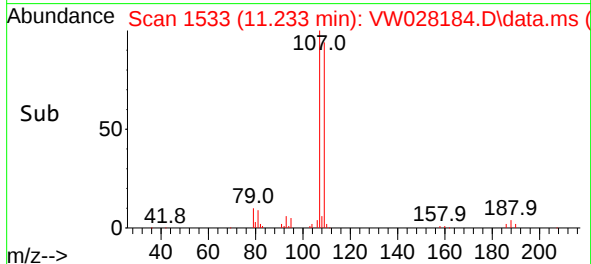
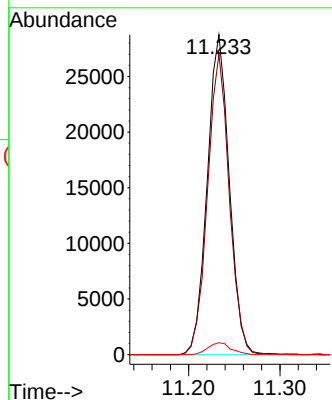
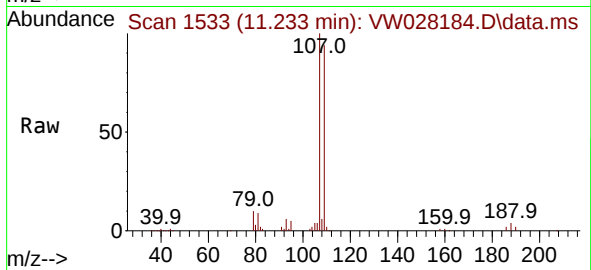




#50
1,2-Dibromoethane
Concen: 24.232 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

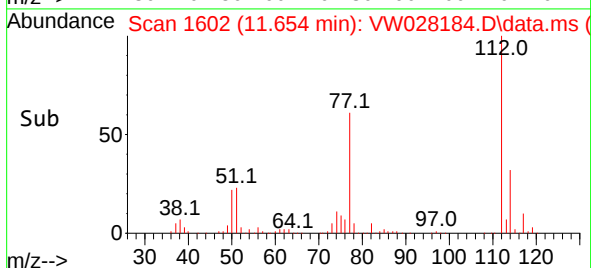
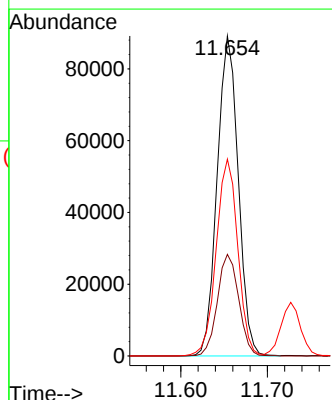
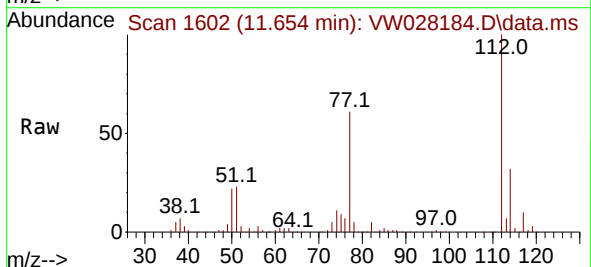
Instrument :
MSVOA_W
ClientSampleId :

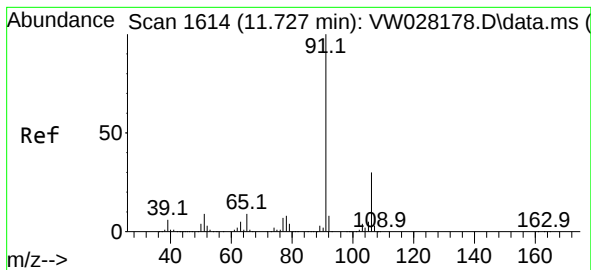
Tgt Ion:107 Resp: 48087
Ion Ratio Lower Upper
107 100
109 93.9 64.4 119.6
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 19.397 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion:112 Resp: 150897
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.6
77 61.5 50.6 76.0

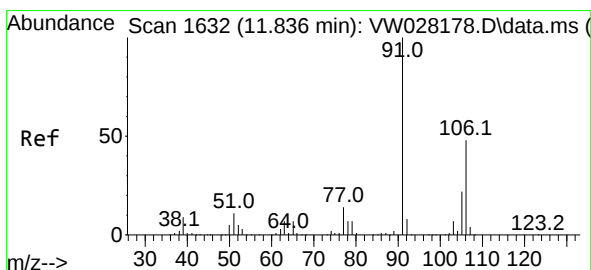
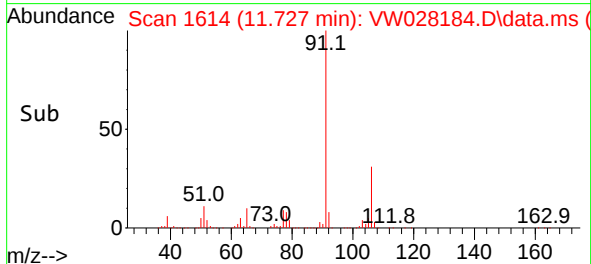
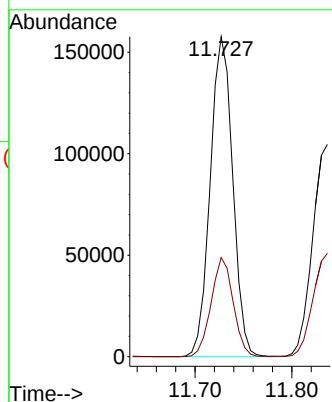
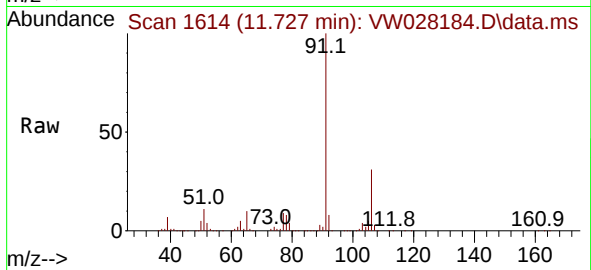




#52
Ethylbenzene
Concen: 17.809 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

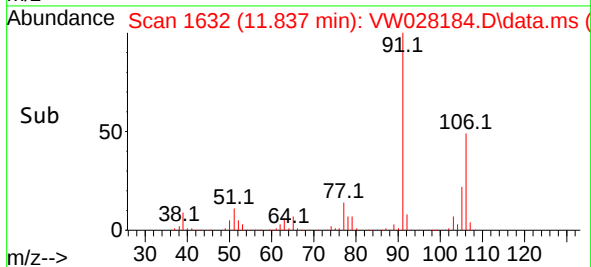
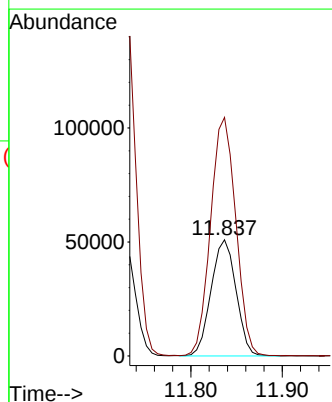
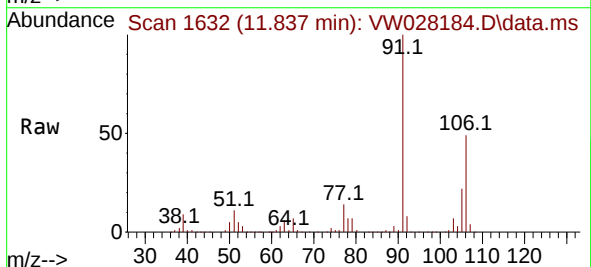
Instrument :
MSVOA_W
ClientSampleId :

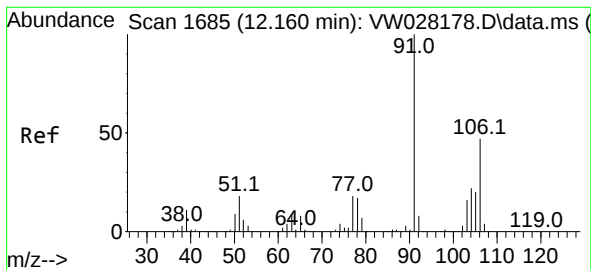
Tgt Ion: 91 Resp: 254809
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 17.971 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion:106 Resp: 96758
Ion Ratio Lower Upper
106 100
91 205.4 147.1 273.1





#54

o-Xylene

Concen: 18.047 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

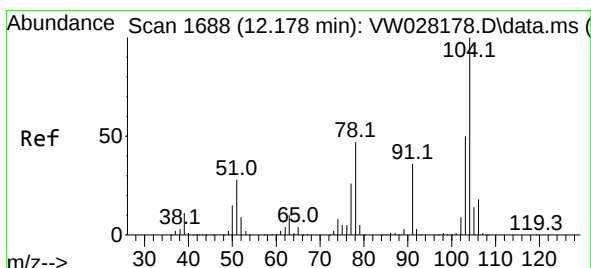
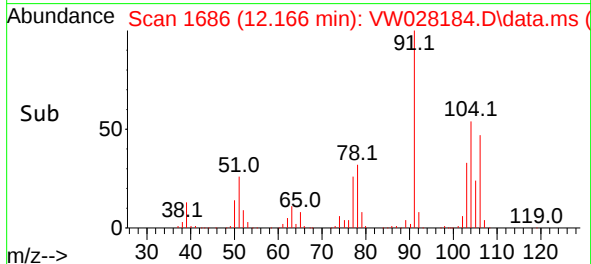
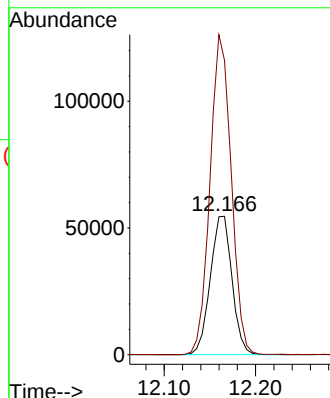
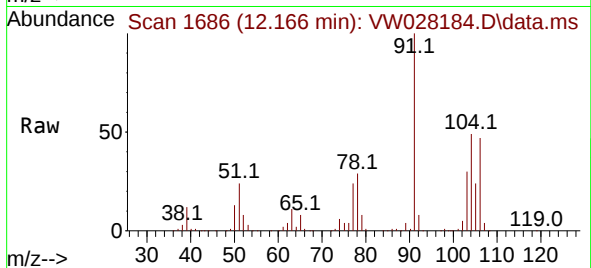
ClientSampleId :

Tgt Ion:106 Resp: 90108

Ion Ratio Lower Upper

106 100

91 212.5 149.2 277.2



#55

Styrene

Concen: 19.051 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028184.D

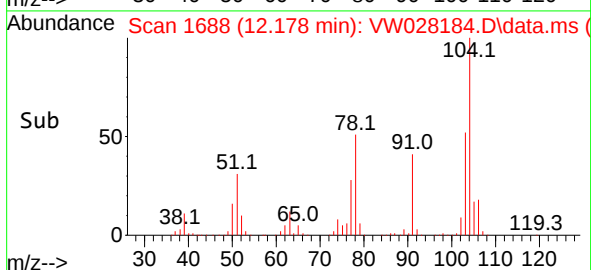
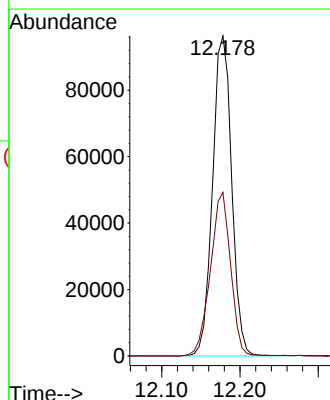
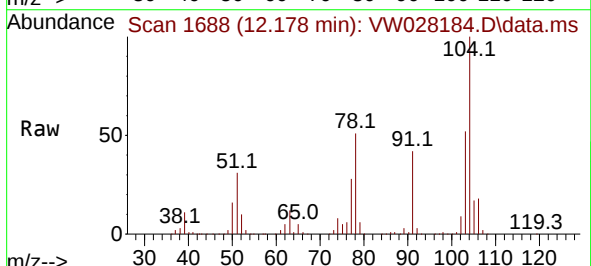
Acq: 14 Mar 2024 17:27

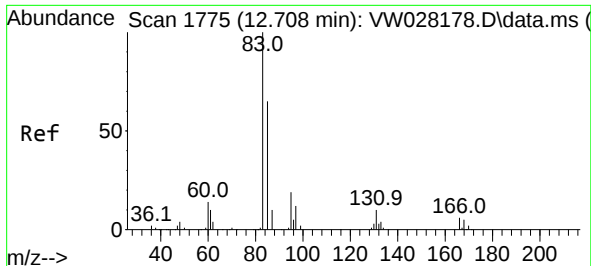
Tgt Ion:104 Resp: 163384

Ion Ratio Lower Upper

104 100

78 51.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.344 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028184.D

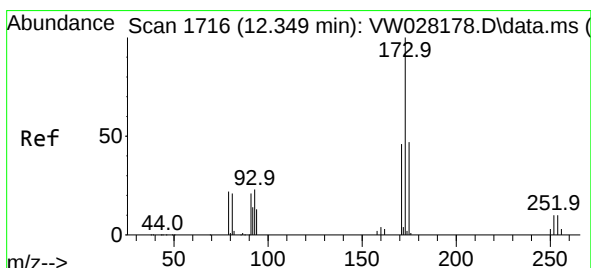
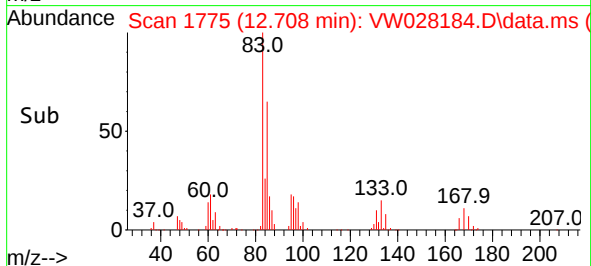
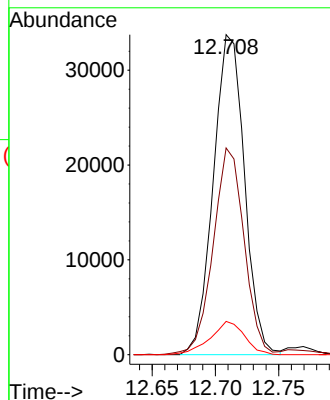
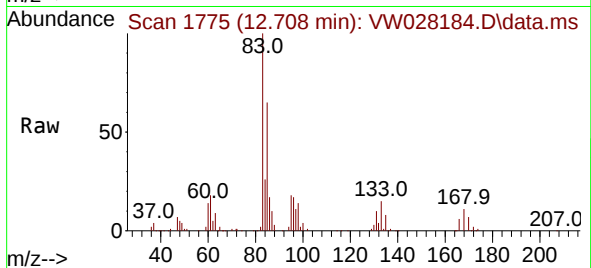
Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	57788
Ion	Ratio	Lower	Upper
83	100		
85	64.6	47.0	87.2
131	10.4	8.9	13.3



#59

Bromoform

Concen: 32.661 ug/L

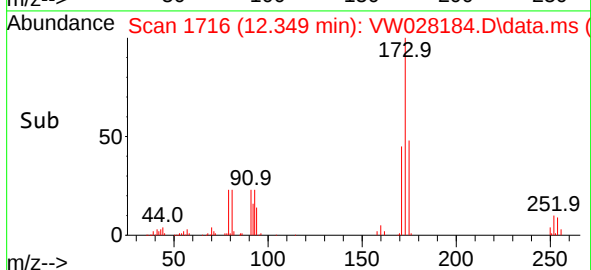
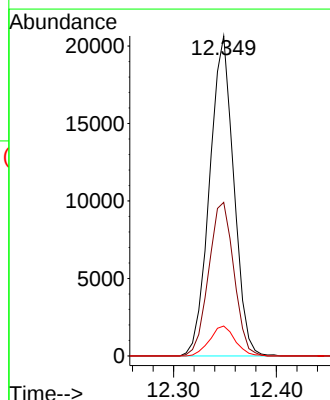
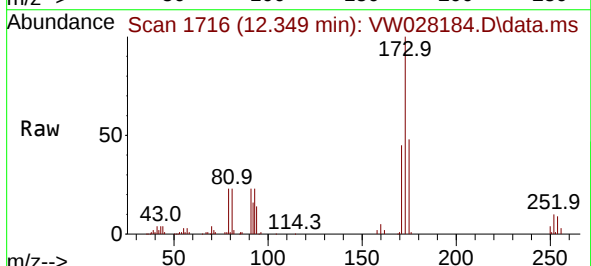
RT: 12.349 min Scan# 1716

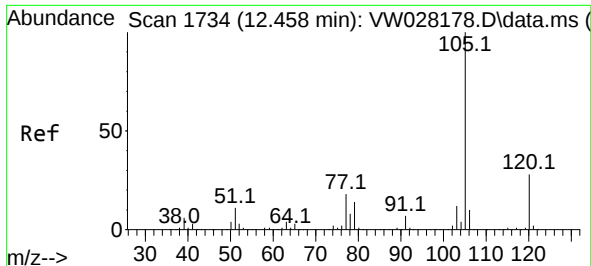
Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

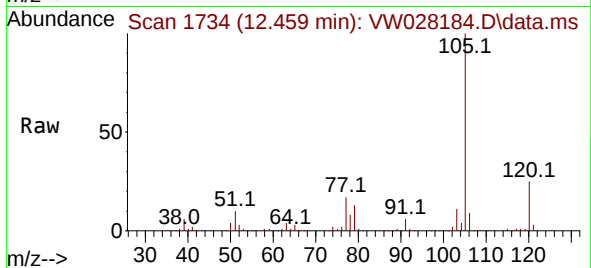
Tgt Ion:	173	Resp:	33719
Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.8	59.6
254	9.9	8.5	12.7



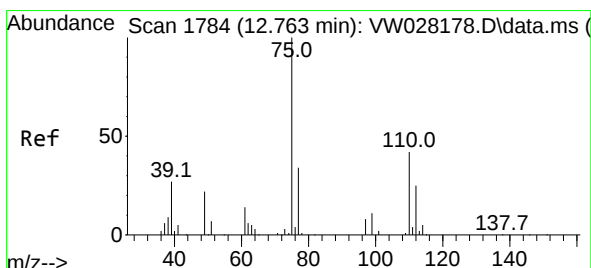
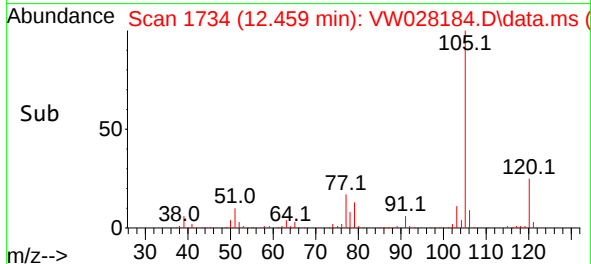
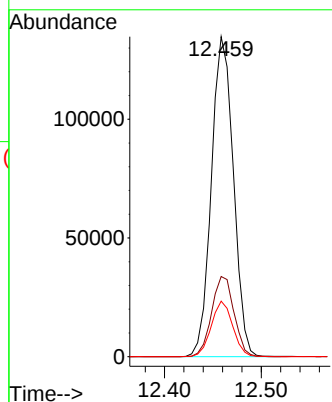


#60
Isopropylbenzene
Concen: 20.806 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Instrument :
MSVOA_W
ClientSampleId :

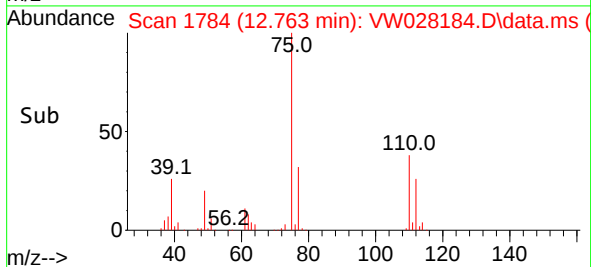
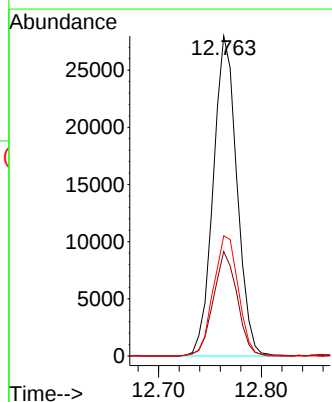
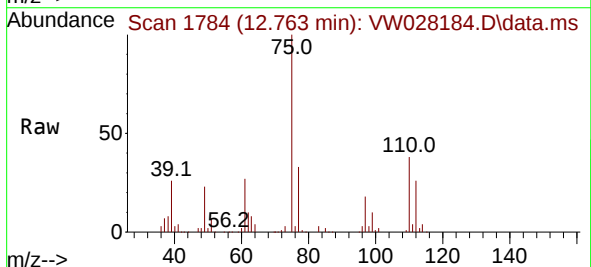


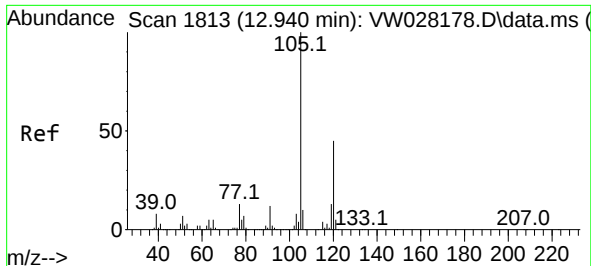
Tgt Ion:105 Resp: 212977
Ion Ratio Lower Upper
105 100
120 25.4 21.0 31.6
77 16.9 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 34.076 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion: 75 Resp: 44806
Ion Ratio Lower Upper
75 100
77 32.9 26.0 39.0
110 39.4 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 18.202 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

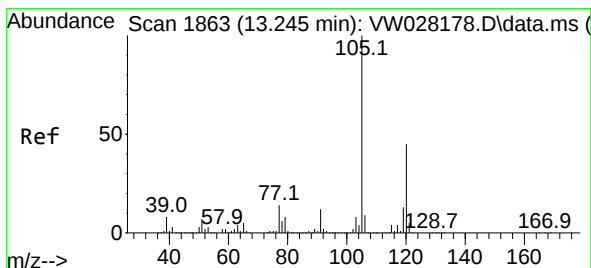
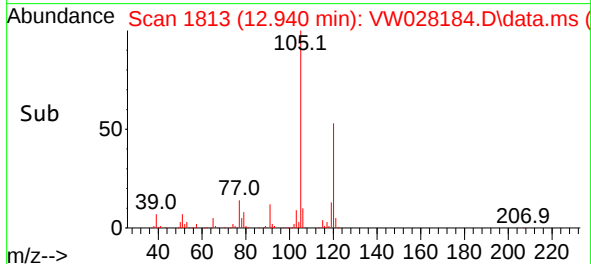
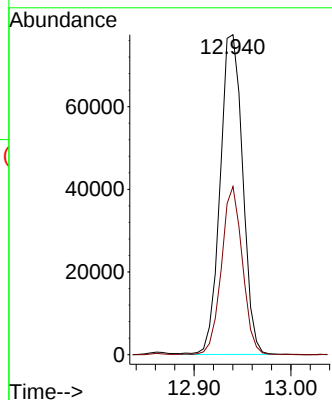
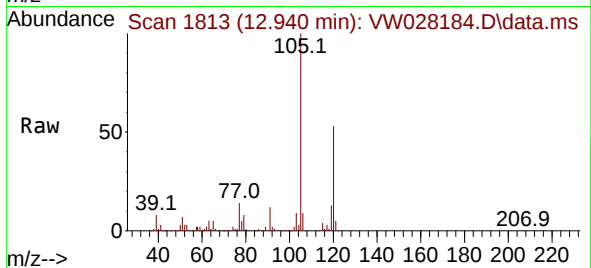
ClientSampleId :

Tgt Ion:105 Resp: 125022

Ion Ratio Lower Upper

105 100

120 48.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 18.650 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028184.D

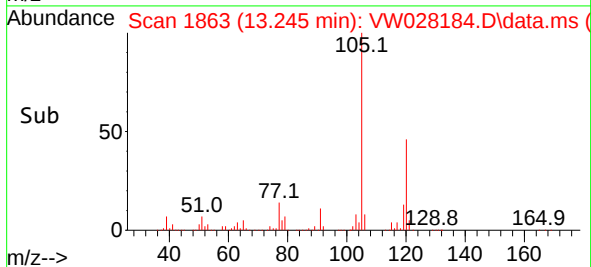
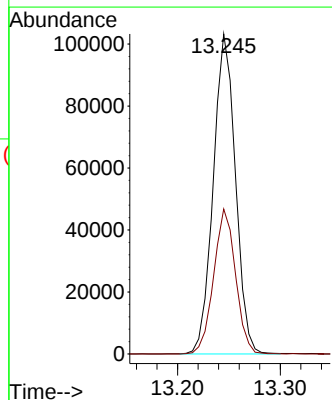
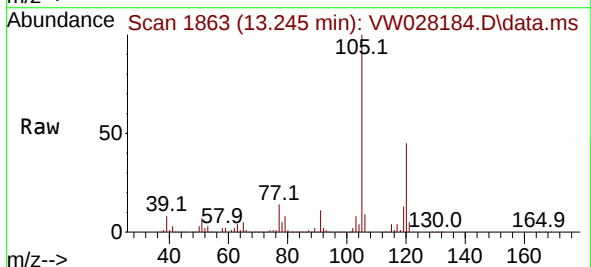
Acq: 14 Mar 2024 17:27

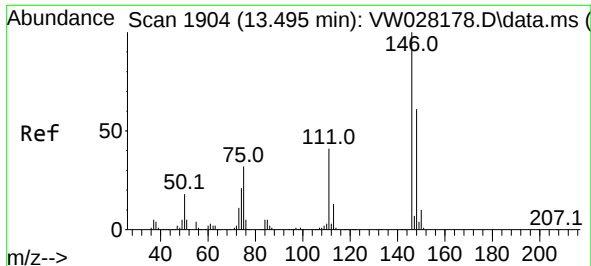
Tgt Ion:105 Resp: 154675

Ion Ratio Lower Upper

105 100

120 44.6 35.6 53.4

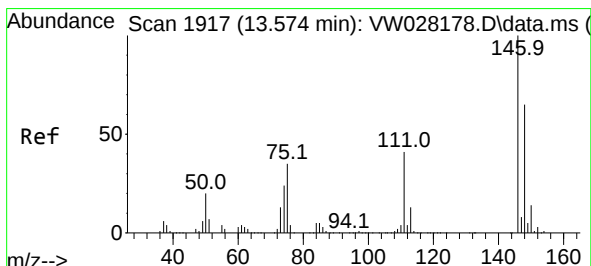
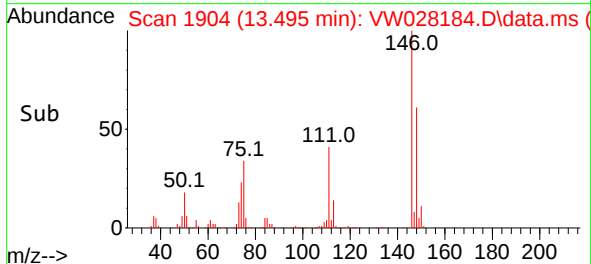
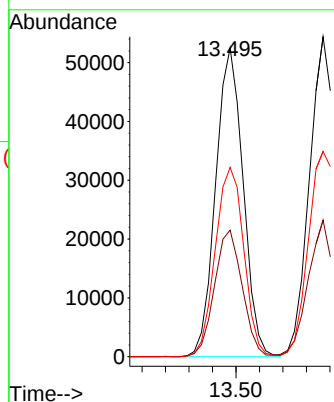
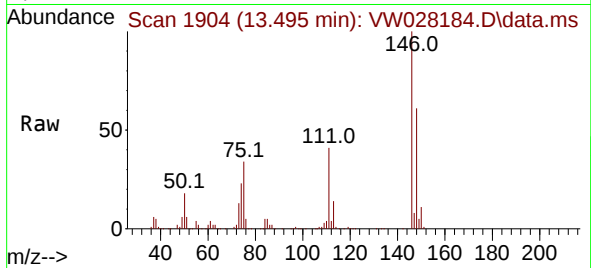




#64
1,3-Dichlorobenzene
Concen: 18.662 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

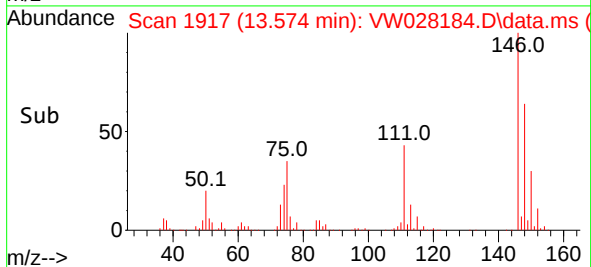
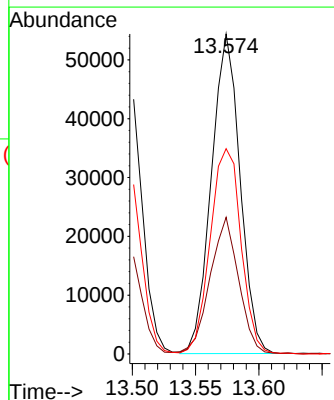
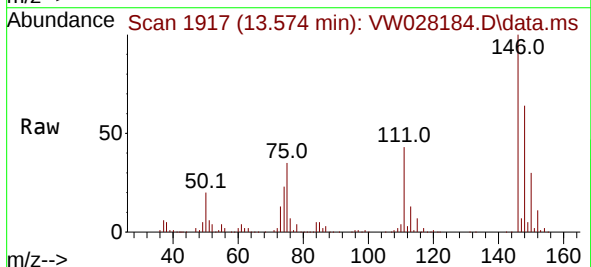
Instrument :
MSVOA_W
ClientSampleId :

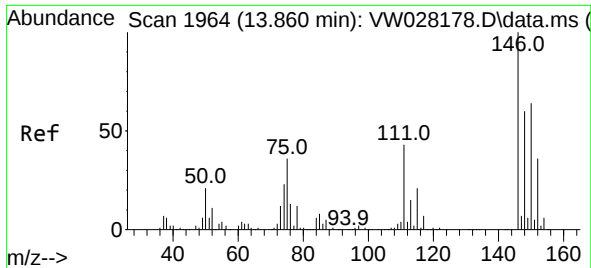
Tgt Ion:146 Resp: 85227
Ion Ratio Lower Upper
146 100
111 41.0 28.5 52.9
148 61.3 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 18.754 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028184.D
Acq: 14 Mar 2024 17:27

Tgt Ion:146 Resp: 85642
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.6
148 64.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 20.936 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

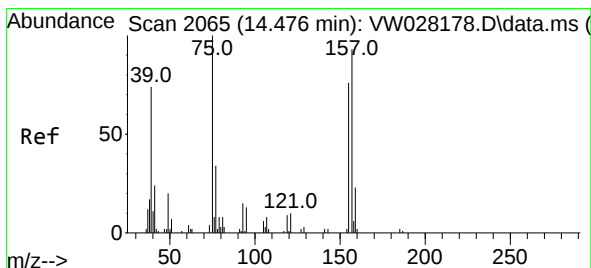
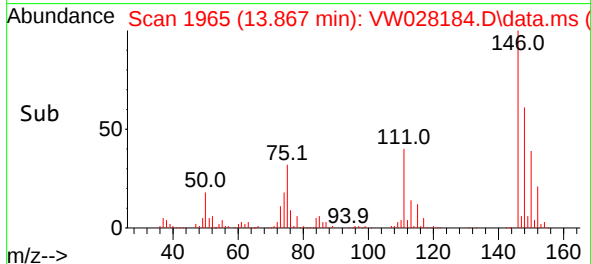
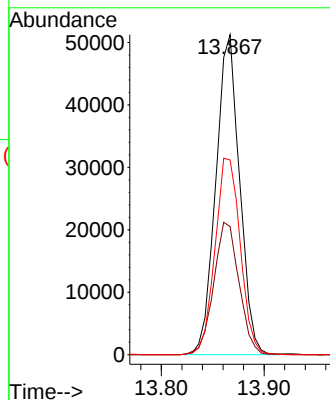
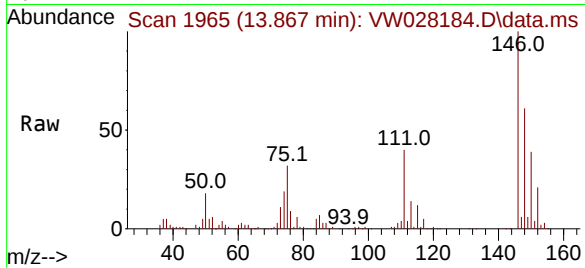
Tgt Ion:146 Resp: 82335

Ion Ratio Lower Upper

146 100

111 40.0 34.2 51.2

148 60.8 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 32.670 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

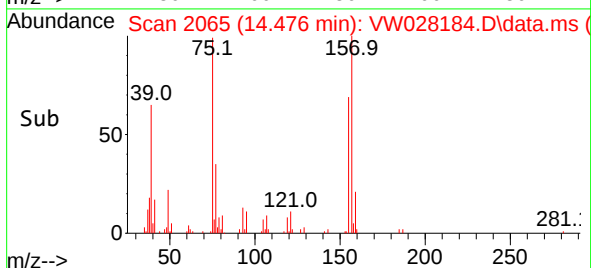
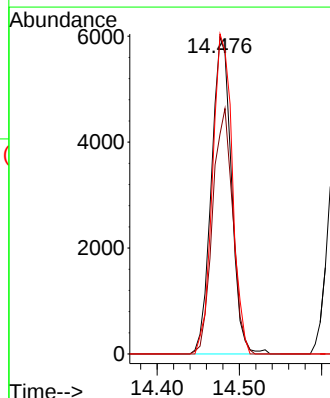
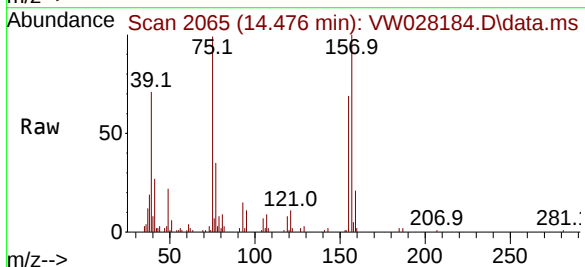
Tgt Ion: 75 Resp: 10091

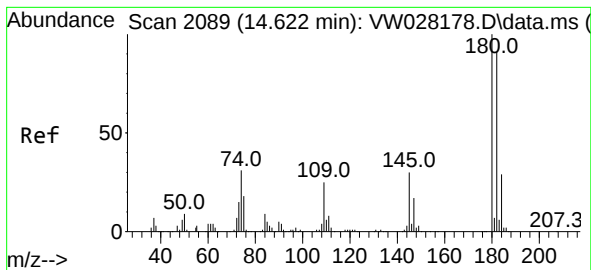
Ion Ratio Lower Upper

75 100

155 69.3 61.1 91.7

157 100.8 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 11.016 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

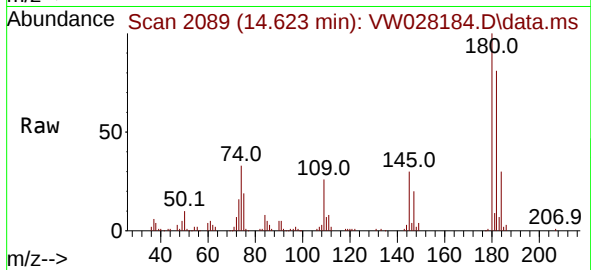
Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 35042

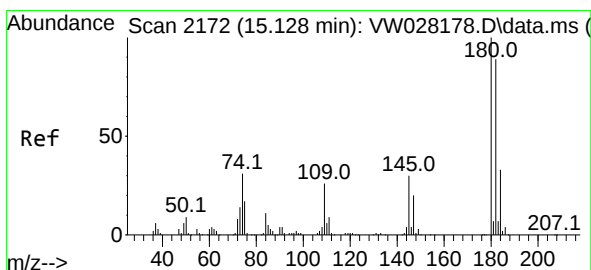
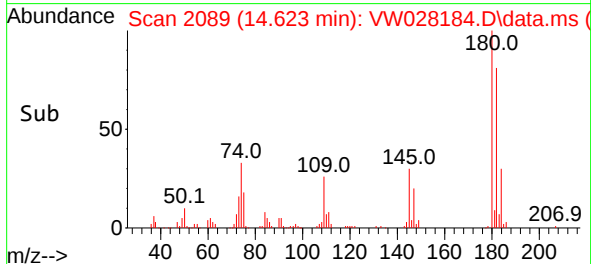
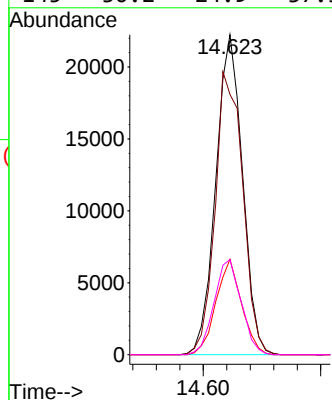
Ion Ratio Lower Upper

180 100

182 91.7 76.6 114.8

184 28.6 23.5 35.3

145 30.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 10.755 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

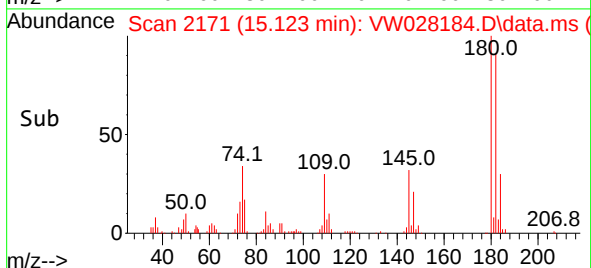
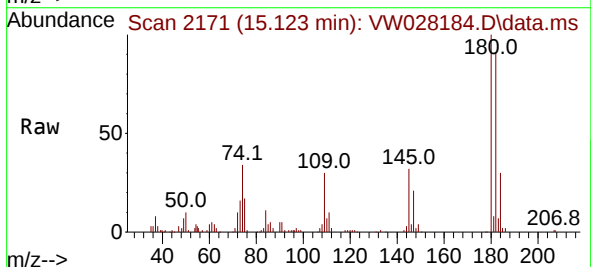
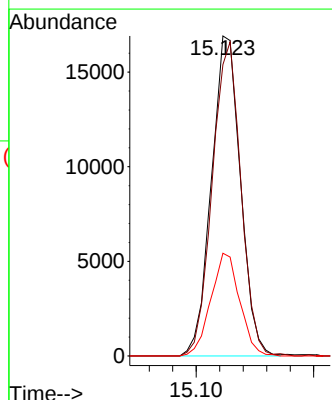
Tgt Ion:180 Resp: 29065

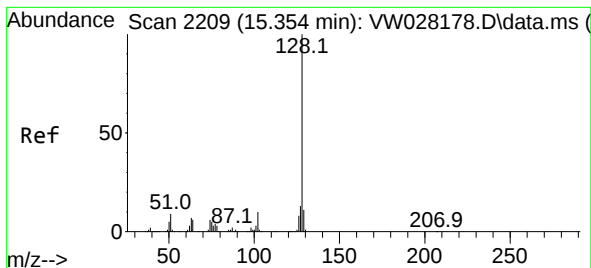
Ion Ratio Lower Upper

180 100

182 96.3 73.8 110.8

145 31.9 25.0 37.6





#71

Naphthalene

Concen: 19.472 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

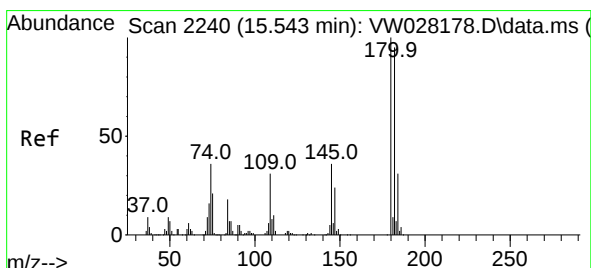
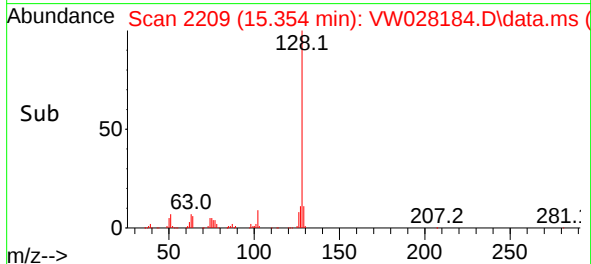
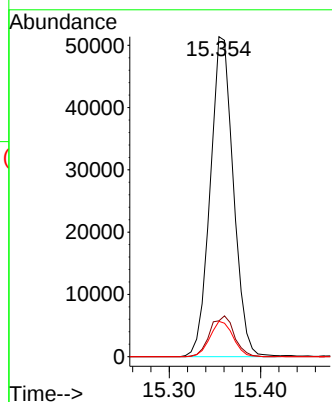
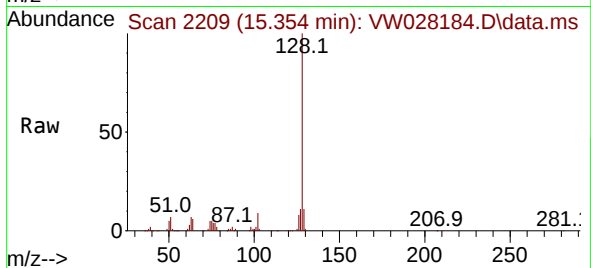
Tgt Ion:128 Resp: 90318

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 10.764 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028184.D

Acq: 14 Mar 2024 17:27

Tgt Ion:180 Resp: 23980

Ion Ratio Lower Upper

180 100

182 92.6 76.0 114.0

145 35.9 27.1 40.7

