

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022324\
 Data File : VW028059.D
 Acq On : 23 Feb 2024 16:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 23 22:37:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 23 22:35:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	257227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	243114	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134796	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	46237	15.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.400%
7) Chloroethane-d5	2.899	69	44500	19.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
11) 1,1-Dichloroethene-d2	4.021	65	22162	17.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.760%
21) 2-Butanone-d5	7.075	46	33955	72.536	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.080%#
24) Chloroform-d	7.648	84	139375	23.173	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.307	65	69505	25.587	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.360%
32) Benzene-d6	8.270	84	266514	20.490	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.960%
36) 1,2-Dichloropropane-d6	9.270	67	76173	21.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	10.318	98	256024	20.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	10.574	79	33279	22.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.800%
47) 2-Hexanone-d5	10.922	63	32869	68.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.040%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	76720	29.105	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	99435	21.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	36465	16.462	ug/L	98
3) Chloromethane	2.222	50	43772	17.993	ug/L	99
5) Vinyl chloride	2.375	62	57452	17.424	ug/L	98
6) Bromomethane	2.789	94	45772	19.647	ug/L	92
8) Chloroethane	2.930	64	36570	19.630	ug/L	91
9) Trichlorofluoromethane	3.259	101	50273	16.777	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	60963	20.184	ug/L	98
12) 1,1-Dichloroethene	4.045	96	56076	19.958	ug/L	98
13) Acetone	4.118	43	23188	50.942	ug/L	96
14) Carbon disulfide	4.393	76	140152	16.848	ug/L	99
15) Methyl Acetate	4.667	43	23884	31.518	ug/L	99
16) Methylene chloride	4.911	84	67475	20.987	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	64632	21.410	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	96042	26.837	ug/L	100
19) 1,1-Dichloroethane	6.215	63	113441	23.132	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	75348	23.637	ug/L	92
22) 2-Butanone	7.167	43	33408	63.581	ug/L	99
23) Bromochloromethane	7.514	128	36113	25.503	ug/L	90
25) Chloroform	7.673	83	129611	24.585	ug/L	92

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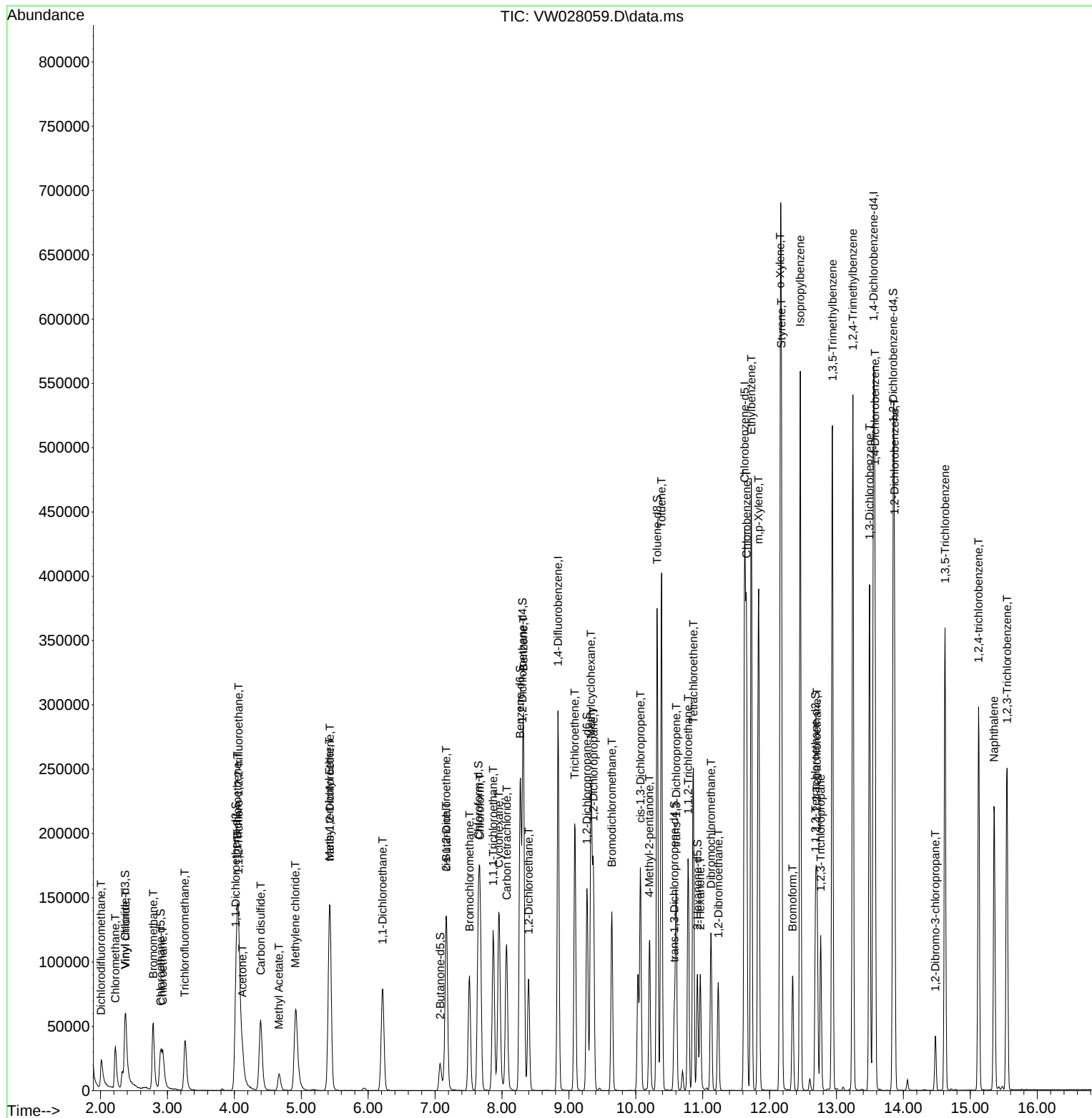
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	81078	27.616	ug/L	97
29) Cyclohexane	7.953	56	80741	18.633	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	102812	21.907	ug/L	99
31) Carbon tetrachloride	8.069	117	94903	21.858	ug/L	99
33) Benzene	8.319	78	265499	21.865	ug/L	100
34) Trichloroethene	9.087	95	74526	21.380	ug/L	98
35) Methylcyclohexane	9.331	83	109936	19.165	ug/L	98
37) 1,2-Dichloropropane	9.367	63	65699	23.025	ug/L	99
38) Bromodichloromethane	9.642	83	96247	25.270	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	108212	23.661	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	69345	64.389	ug/L	99
42) Toluene	10.385	91	302685	22.233	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	91897	25.316	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	59527	26.357	ug/L	97
46) Tetrachloroethene	10.861	164	59222	20.191	ug/L	93
48) 2-Hexanone	10.965	43	51500	63.134	ug/L	98
49) Dibromochloromethane	11.123	129	67245	26.116	ug/L	81
50) 1,2-Dibromoethane	11.233	107	57751	27.395	ug/L	99
51) Chlorobenzene	11.654	112	210562	23.254	ug/L	97
52) Ethylbenzene	11.727	91	344475	22.441	ug/L	100
53) m,p-Xylene	11.836	106	130825	21.732	ug/L	90
54) o-Xylene	12.160	106	129604	22.955	ug/L	100
55) Styrene	12.178	104	225472	23.976	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	70018	28.951	ug/L	98
59) Bromoform	12.342	173	42887	26.956	ug/L	99
60) Isopropylbenzene	12.458	105	345845	20.549	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49585	27.563	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	288553	21.424	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	299303	22.710	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	170315	22.028	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	171264	21.786	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	151720	22.217	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	10555	29.552	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	116582	20.999	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	100985	22.525	ug/L	98
71) Naphthalene	15.354	128	197446	28.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	91143	24.366	ug/L	99

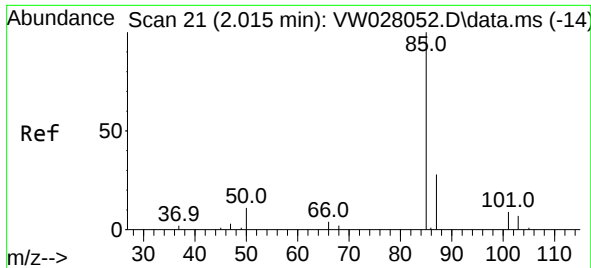
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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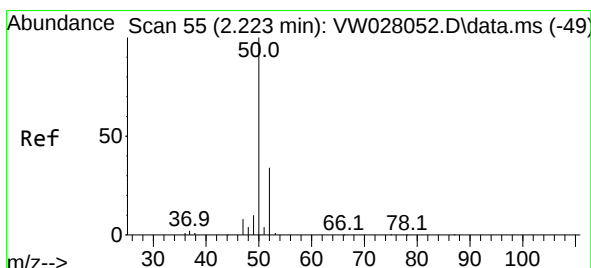
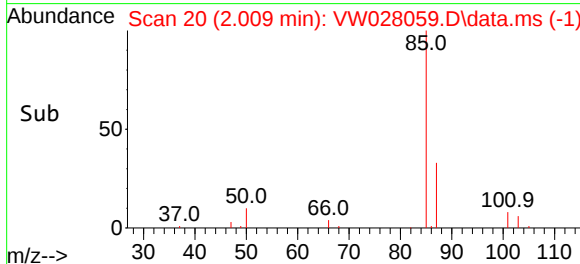
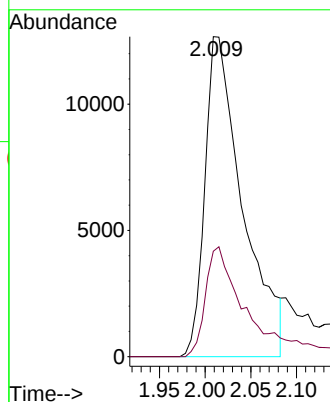
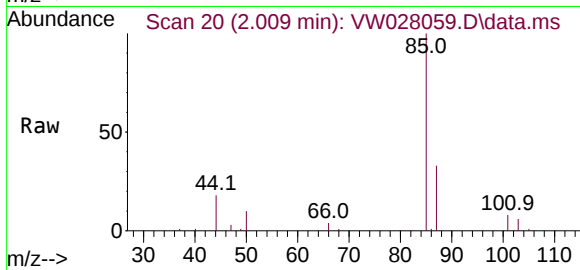




#2
 Dichlorodifluoromethane
 Concen: 16.462 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW028059.D
 Acq: 23 Feb 2024 16:36

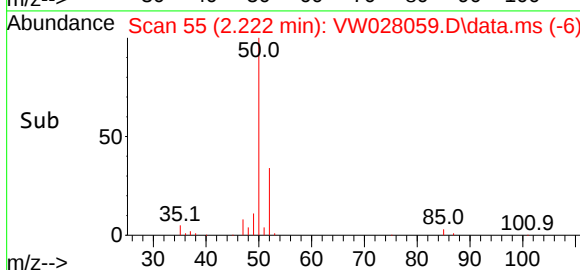
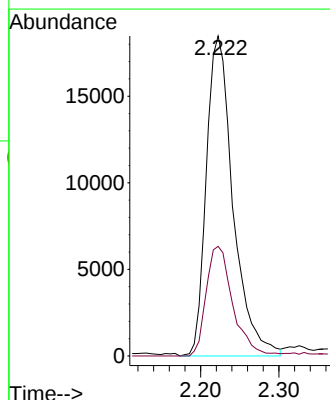
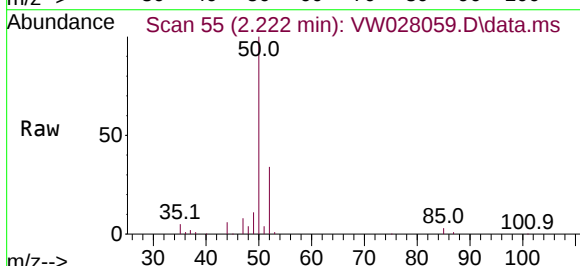
Instrument :
 MSVOA_W
 ClientSampleId :

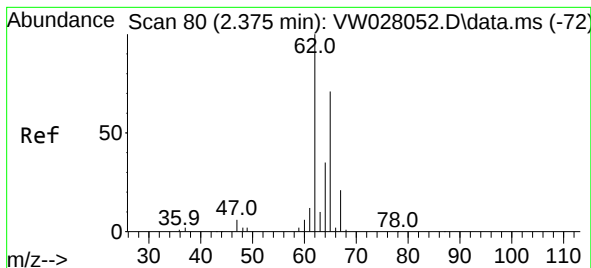
Tgt Ion: 85 Resp: 36465
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.3 37.9



#3
 Chloromethane
 Concen: 17.993 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028059.D
 Acq: 23 Feb 2024 16:36

Tgt Ion: 50 Resp: 43772
 Ion Ratio Lower Upper
 50 100
 52 34.2 24.3 45.1





#5

Vinyl chloride

Concen: 17.424 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

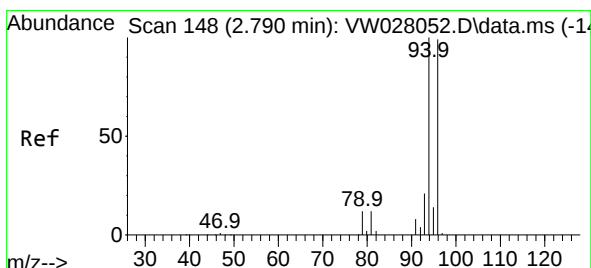
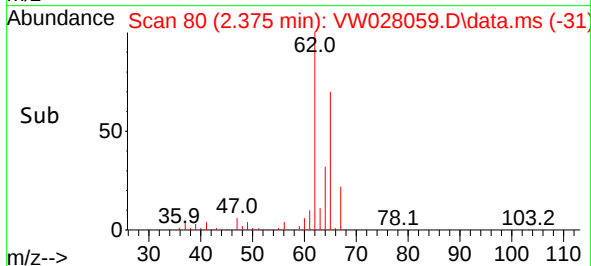
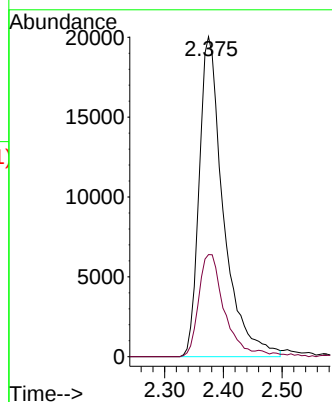
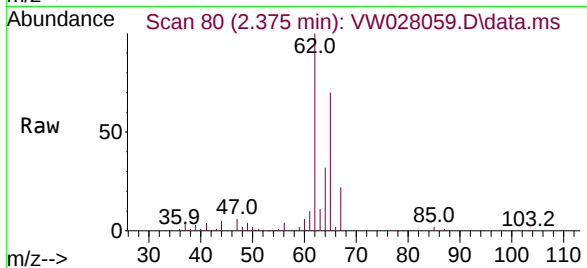
ClientSampleId :

Tgt Ion: 62 Resp: 57452

Ion Ratio Lower Upper

62 100

64 31.9 23.0 42.6



#6

Bromomethane

Concen: 19.647 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW028059.D

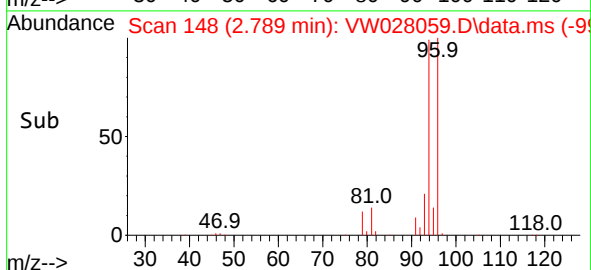
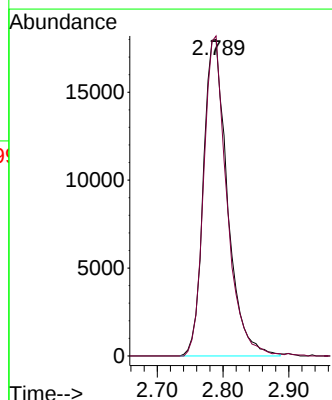
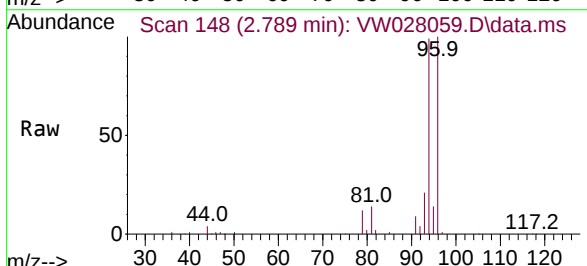
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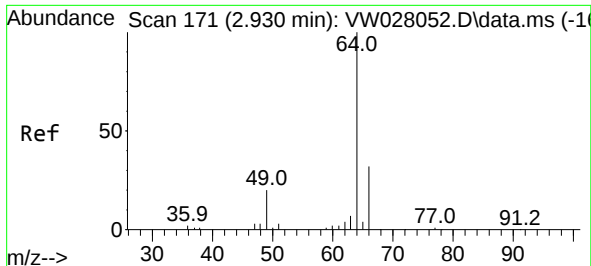
Tgt Ion: 94 Resp: 45772

Ion Ratio Lower Upper

94 100

96 101.1 65.3 121.3

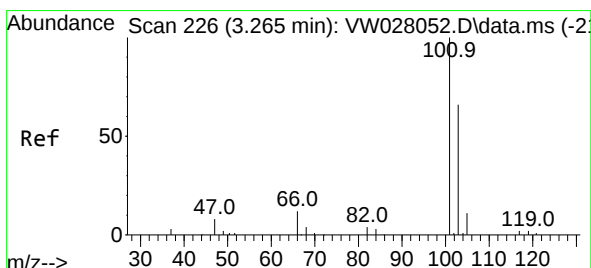
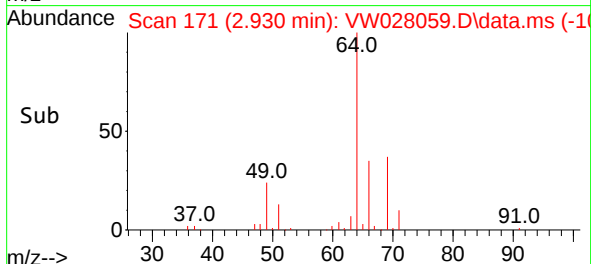
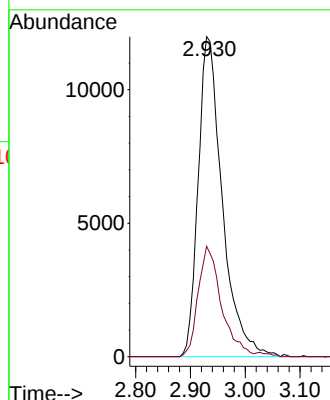
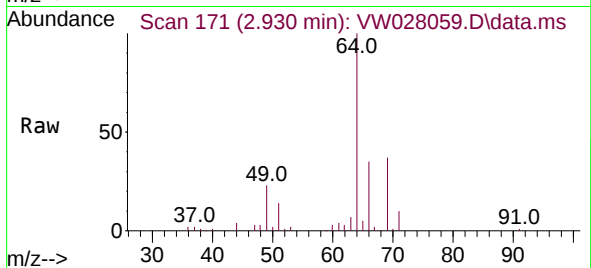




#8
Chloroethane
Concen: 19.630 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

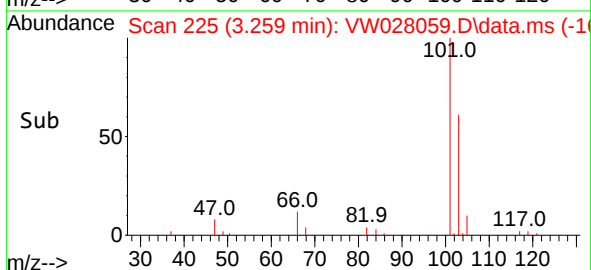
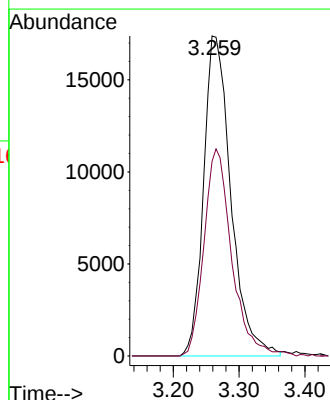
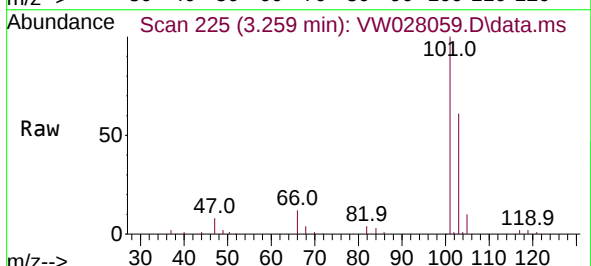
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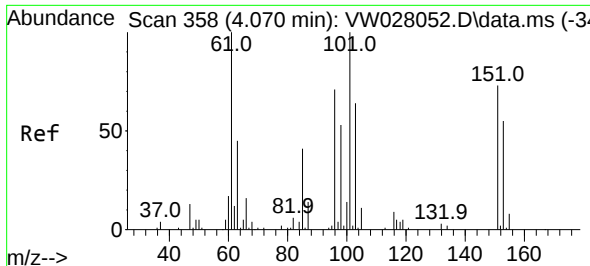
Tgt Ion: 64 Resp: 36570
Ion Ratio Lower Upper
64 100
66 34.5 20.9 38.7



#9
Trichlorofluoromethane
Concen: 16.777 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion:101 Resp: 50273
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

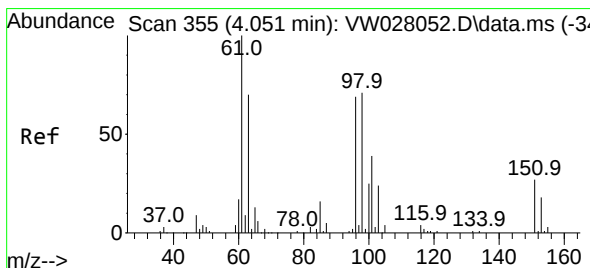
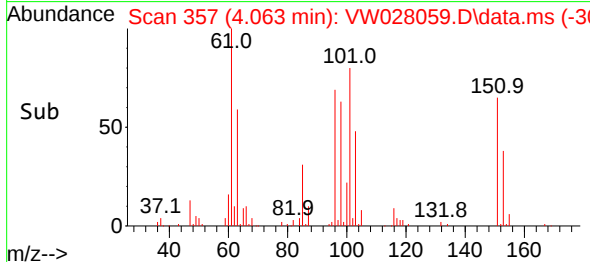
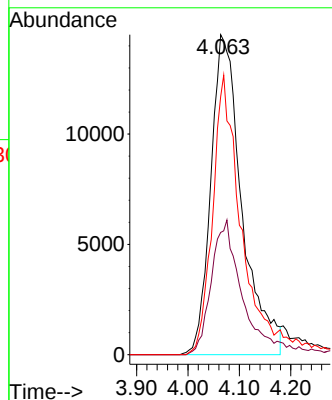
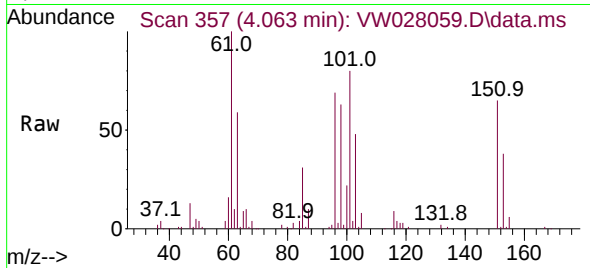




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.184 ug/L
 RT: 4.063 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW028059.D
 Acq: 23 Feb 2024 16:36

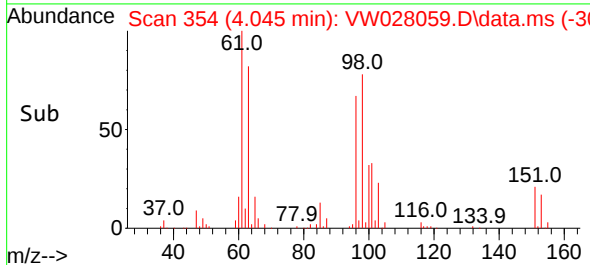
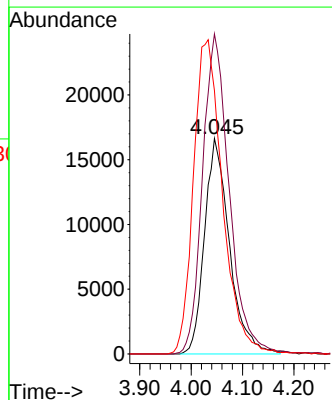
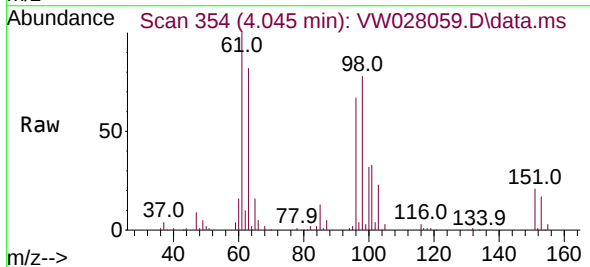
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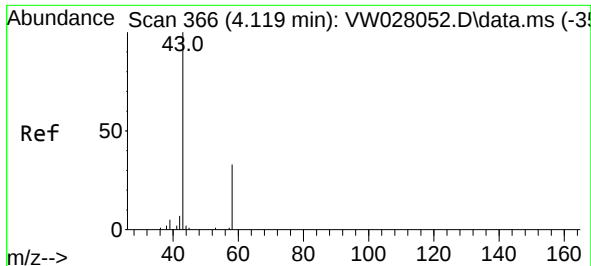
Tgt Ion:101 Resp: 60963
 Ion Ratio Lower Upper
 101 100
 85 40.0 33.8 50.6
 151 77.7 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 19.958 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028059.D
 Acq: 23 Feb 2024 16:36

Tgt Ion: 96 Resp: 56076
 Ion Ratio Lower Upper
 96 100
 61 148.5 107.4 199.4
 63 122.2 86.0 159.6





#13

Acetone

Concen: 50.942 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

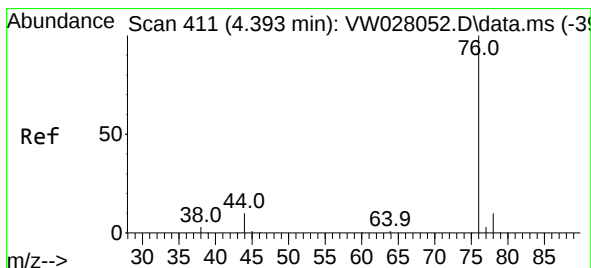
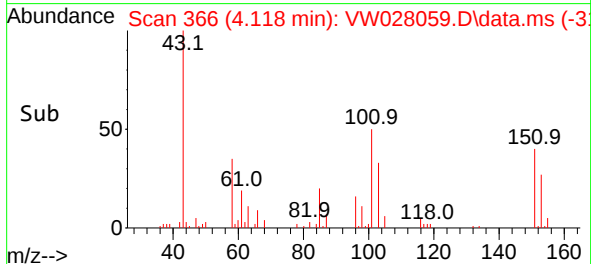
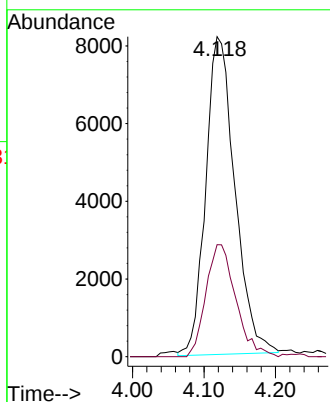
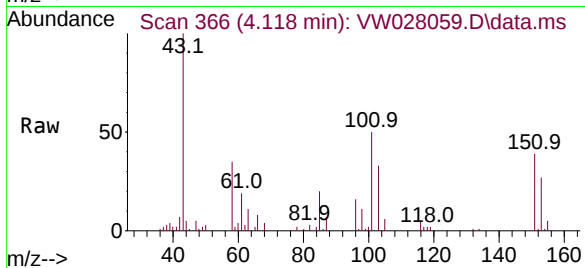
ClientSampleId :

Tgt Ion: 43 Resp: 23188

Ion Ratio Lower Upper

43 100

58 35.1 0.0 66.0



#14

Carbon disulfide

Concen: 16.848 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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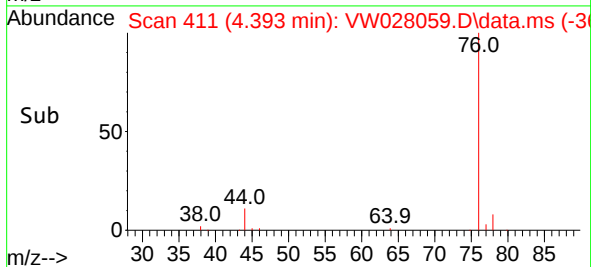
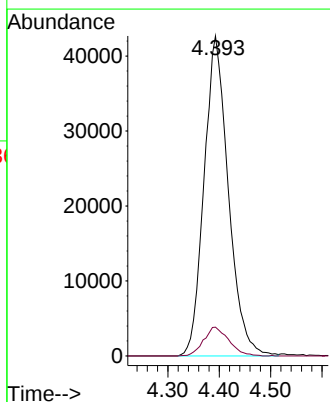
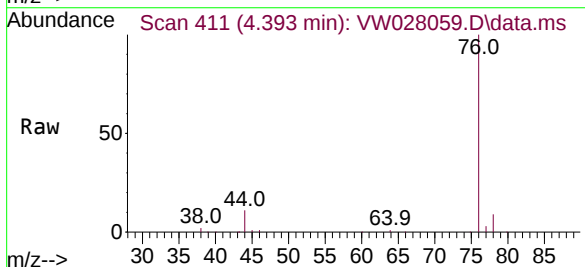
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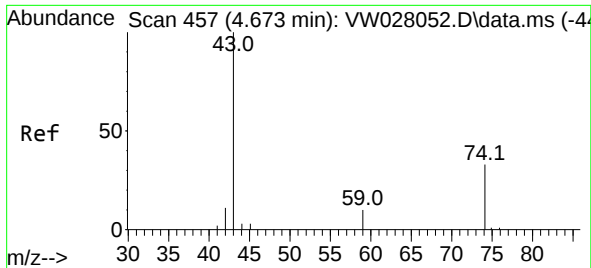
Tgt Ion: 76 Resp: 140152

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

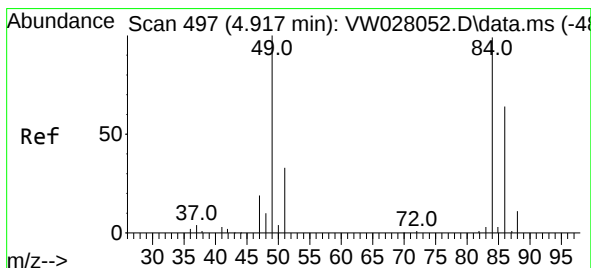
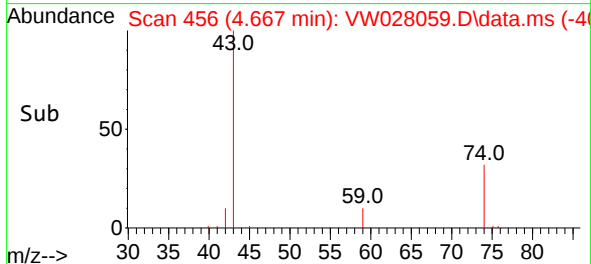
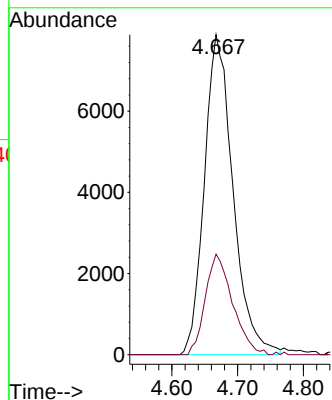
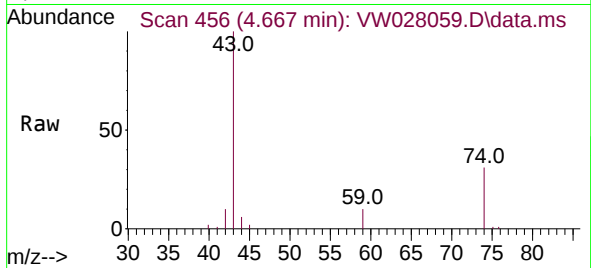




#15
Methyl Acetate
Concen: 31.518 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

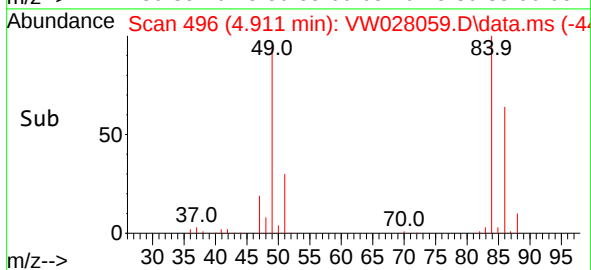
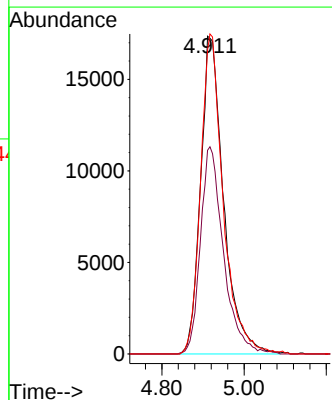
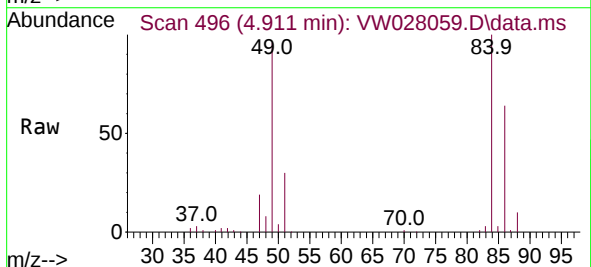
Instrument :
MSVOA_W
ClientSampleId :

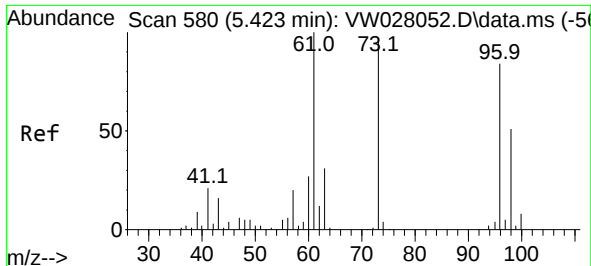
Tgt Ion: 43 Resp: 23884
Ion Ratio Lower Upper
43 100
74 29.7 24.2 36.2



#16
Methylene chloride
Concen: 20.987 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion: 84 Resp: 67475
Ion Ratio Lower Upper
84 100
86 64.1 45.4 84.4
49 95.6 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 21.410 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

ClientSampleId :

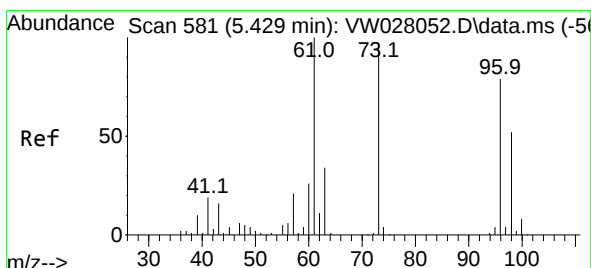
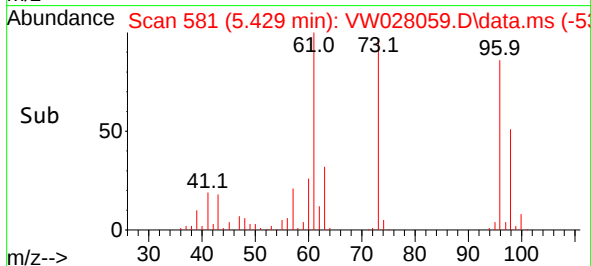
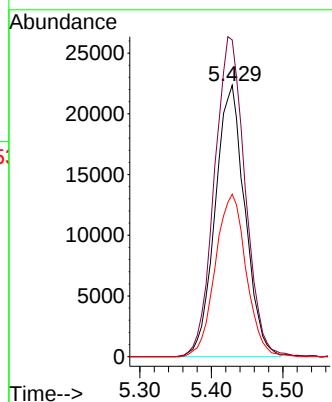
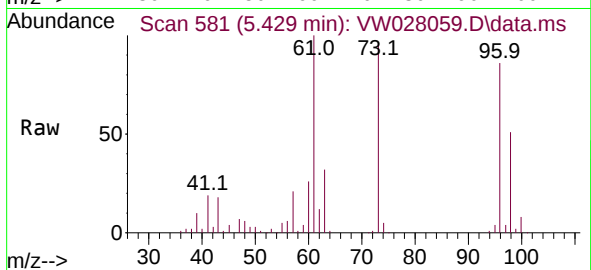
Tgt Ion: 96 Resp: 64632

Ion Ratio Lower Upper

96 100

61 116.8 80.1 148.7

98 59.9 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 26.837 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

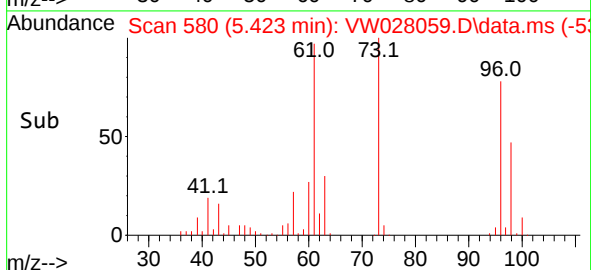
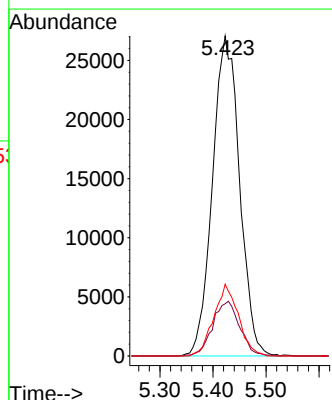
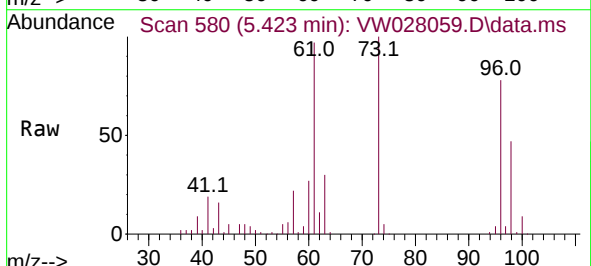
Tgt Ion: 73 Resp: 96042

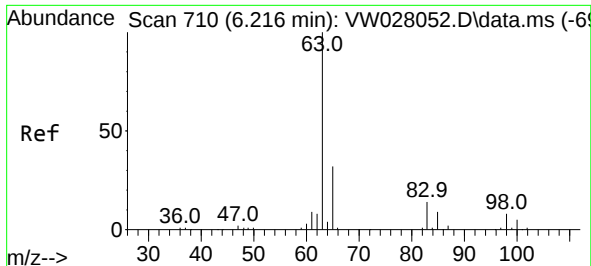
Ion Ratio Lower Upper

73 100

43 17.0 13.4 20.0

57 20.3 16.3 24.5

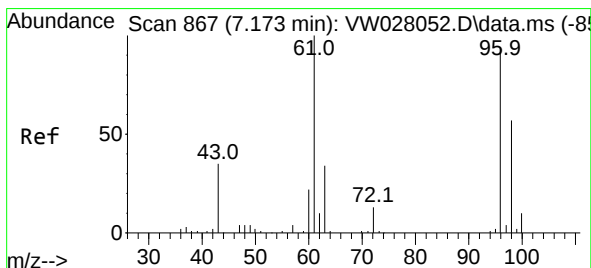
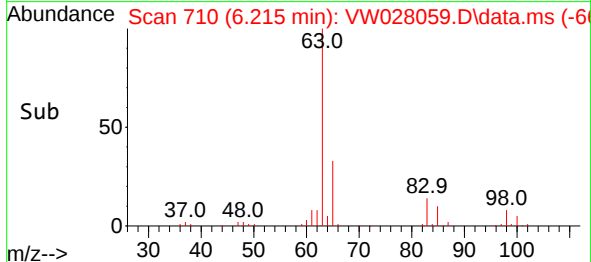
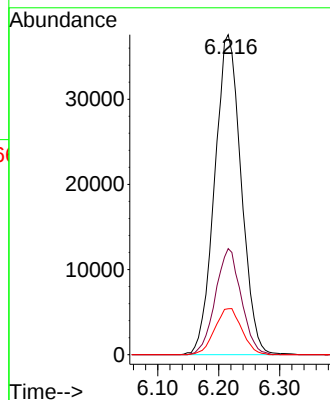
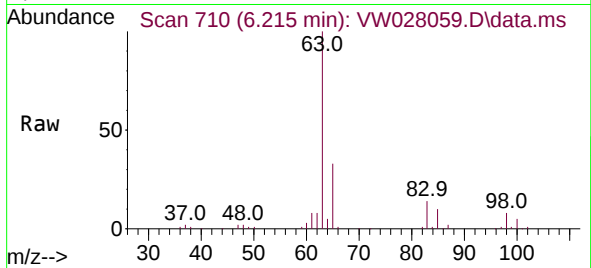




#19
1,1-Dichloroethane
Concen: 23.132 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

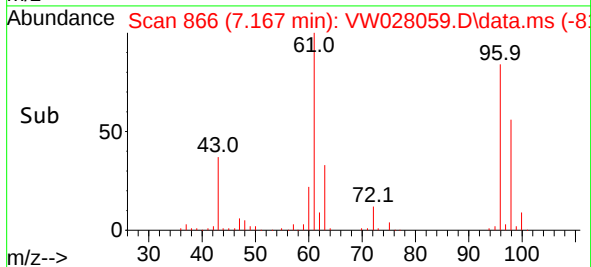
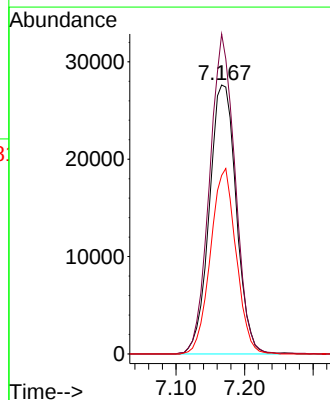
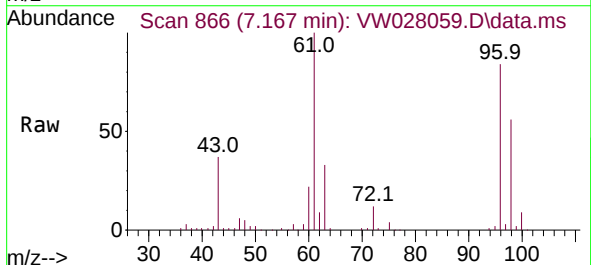
Instrument :
MSVOA_W
ClientSampleId :

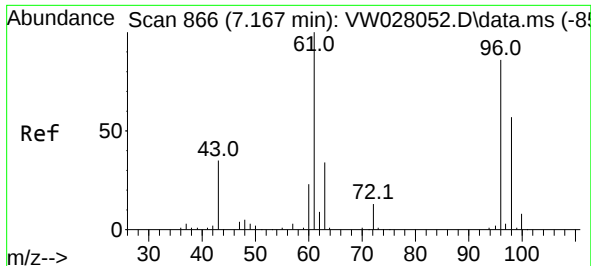
Tgt Ion: 63 Resp: 113441
Ion Ratio Lower Upper
63 100
65 33.2 23.1 42.9
83 14.4 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 23.637 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion: 96 Resp: 75348
Ion Ratio Lower Upper
96 100
61 119.0 76.3 141.7
98 66.4 42.9 79.7

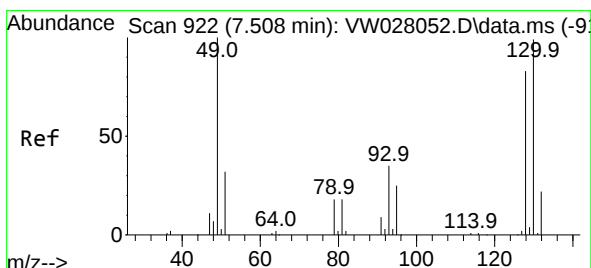
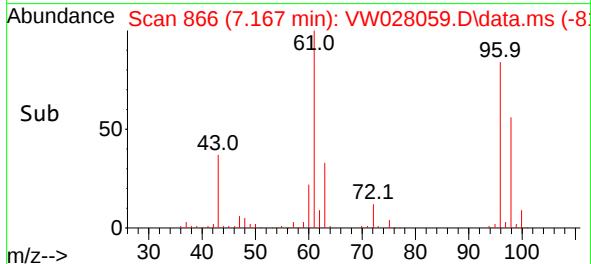
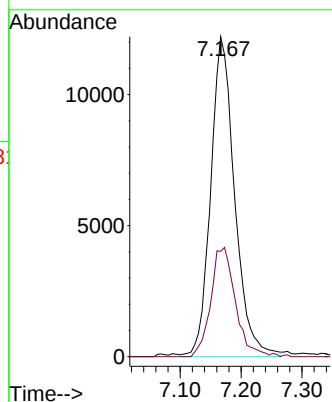
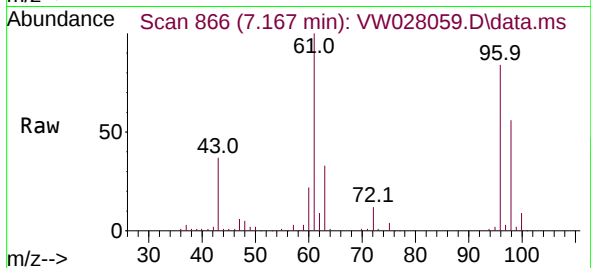




#22
2-Butanone
Concen: 63.581 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

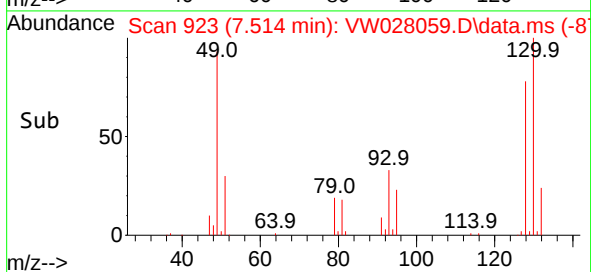
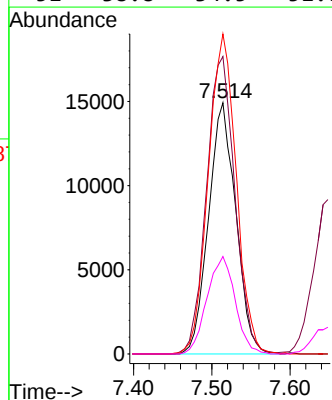
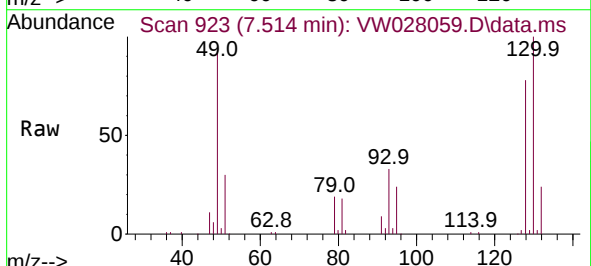
Instrument :
MSVOA_W
ClientSampleId :

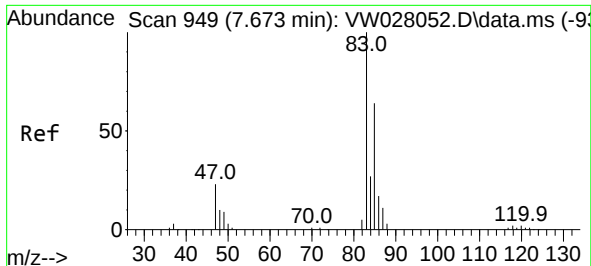
Tgt Ion: 43 Resp: 33408
Ion Ratio Lower Upper
43 100
72 34.7 17.0 50.9



#23
Bromochloromethane
Concen: 25.503 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion:128 Resp: 36113
Ion Ratio Lower Upper
128 100
49 118.5 93.2 173.2
130 127.4 97.4 180.8
51 38.8 34.5 51.7

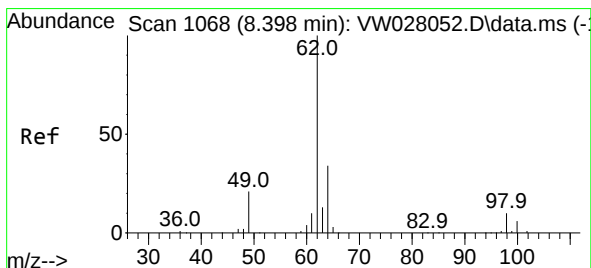
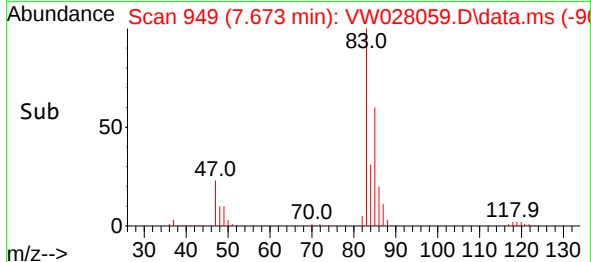
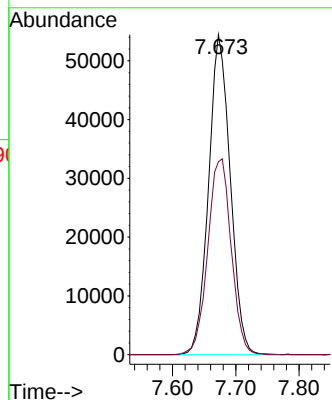
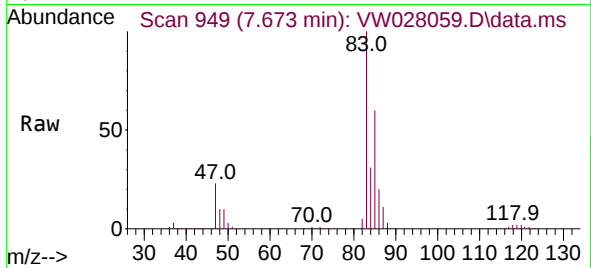




#25
Chloroform
Concen: 24.585 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

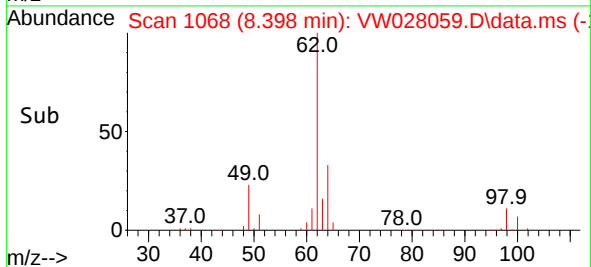
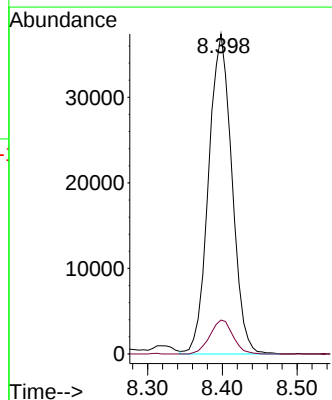
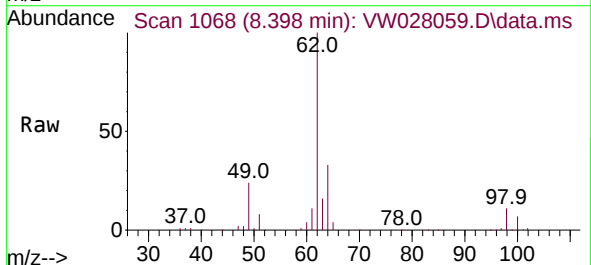
Instrument :
MSVOA_W
ClientSampleId :

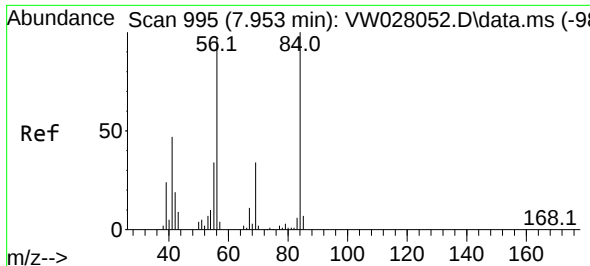
Tgt Ion: 83 Resp: 129611
Ion Ratio Lower Upper
83 100
85 60.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.616 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

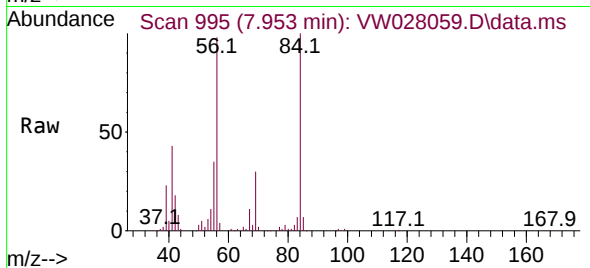
Tgt Ion: 62 Resp: 81078
Ion Ratio Lower Upper
62 100
98 10.6 9.4 14.2



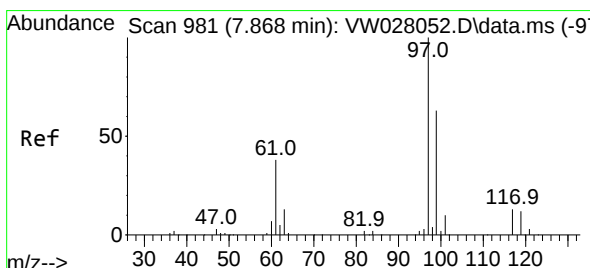
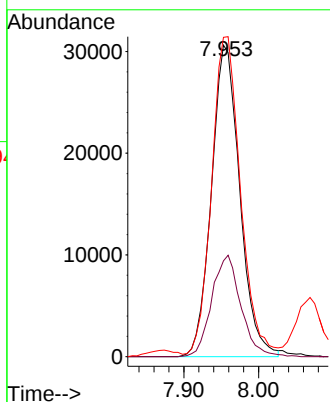
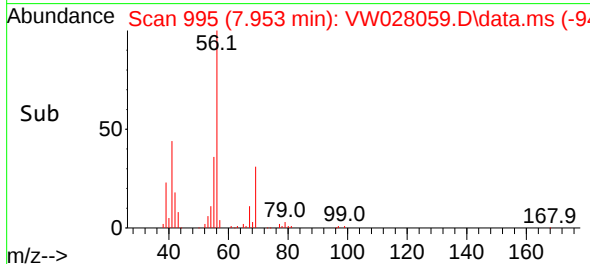


#29
Cyclohexane
Concen: 18.633 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Instrument :
MSVOA_W
ClientSampleId :

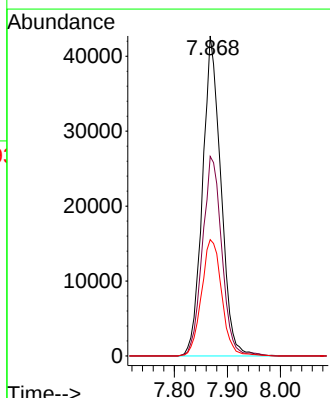
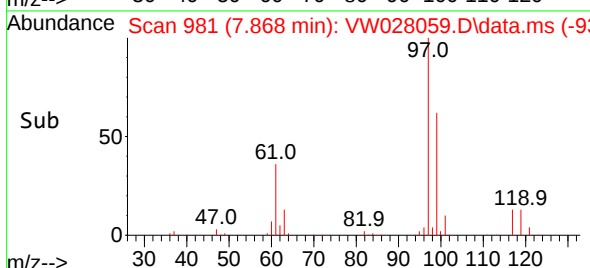
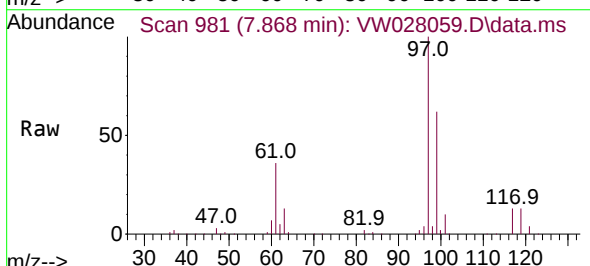


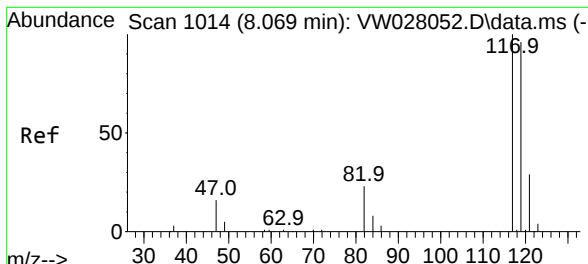
Tgt Ion: 56	Resp: 80741
Ion Ratio	Lower Upper
56	100
69	33.3 26.3 39.5
84	104.9 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 21.907 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion: 97	Resp: 102812
Ion Ratio	Lower Upper
97	100
99	65.2 51.4 77.0
61	39.9 32.9 49.3

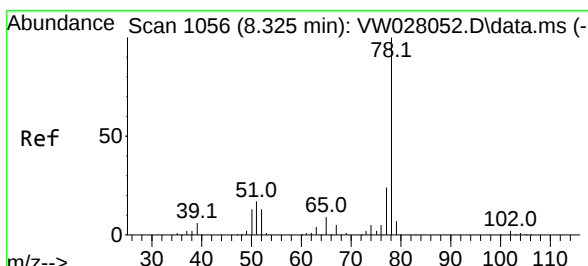
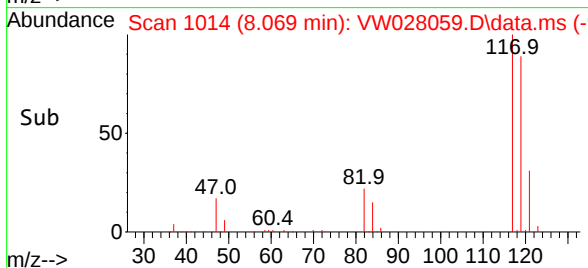
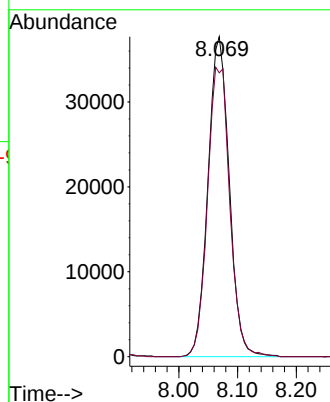
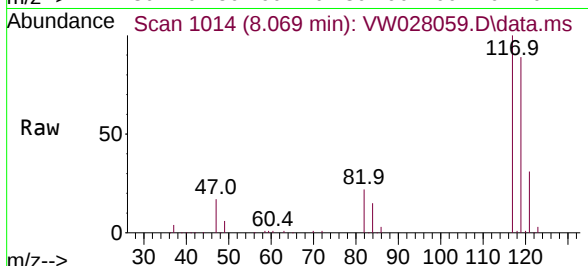




#31
Carbon tetrachloride
Concen: 21.858 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

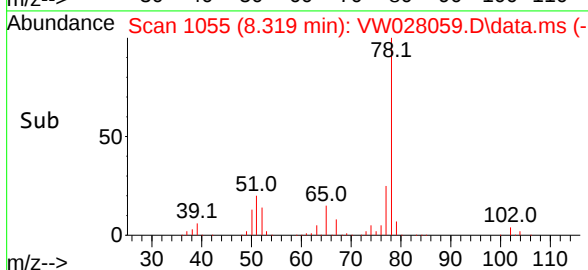
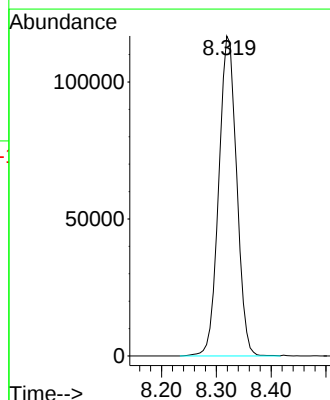
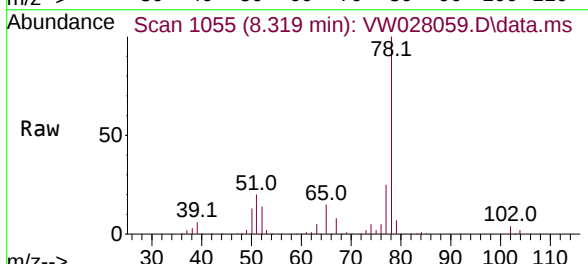
Instrument :
MSVOA_W
ClientSampleId :

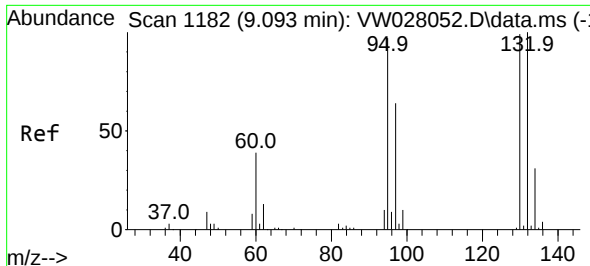
Tgt Ion:117 Resp: 94903
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7



#33
Benzene
Concen: 21.865 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

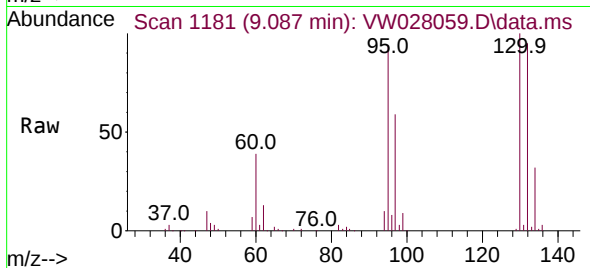
Tgt Ion: 78 Resp: 265499



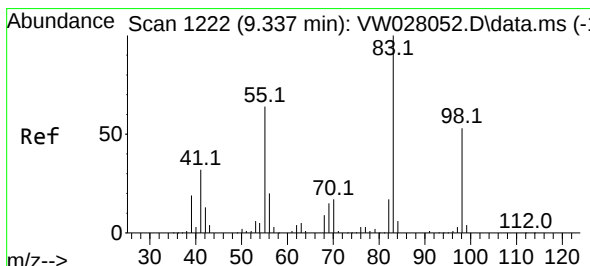
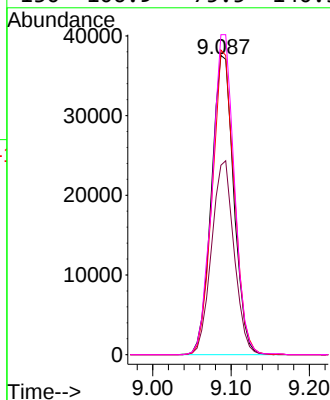
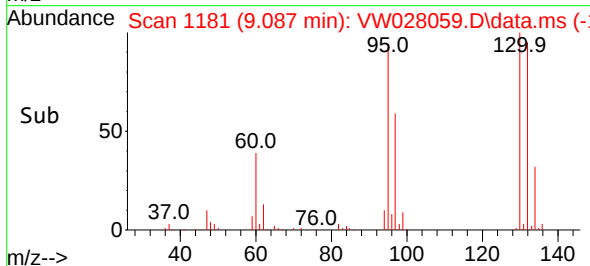


#34
Trichloroethene
Concen: 21.380 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

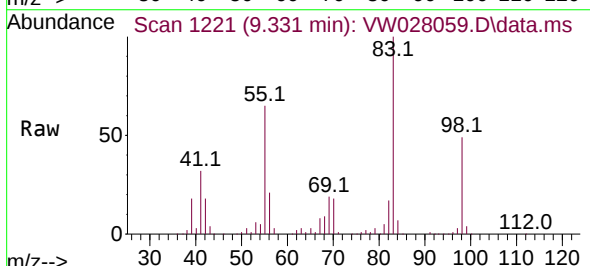
Instrument :
MSVOA_W
ClientSampleId :



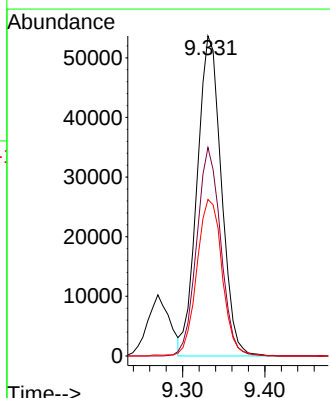
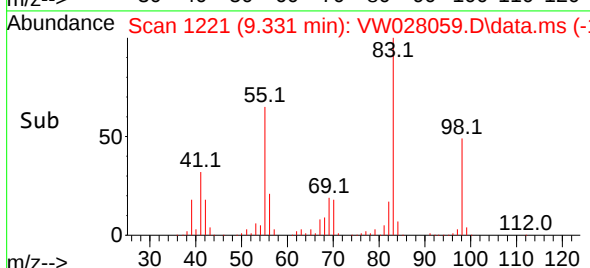
Tgt Ion: 95 Resp: 74526
Ion Ratio Lower Upper
95 100
97 63.3 44.3 82.3
132 101.8 68.0 126.2
130 106.9 75.5 140.3

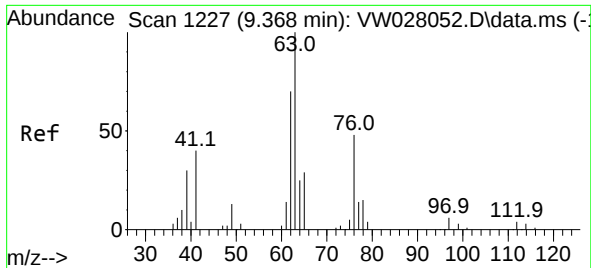


#35
Methylcyclohexane
Concen: 19.165 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36



Tgt Ion: 83 Resp: 109936
Ion Ratio Lower Upper
83 100
55 64.4 52.3 78.5
98 50.9 41.9 62.9





#37

1,2-Dichloropropane

Concen: 23.025 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

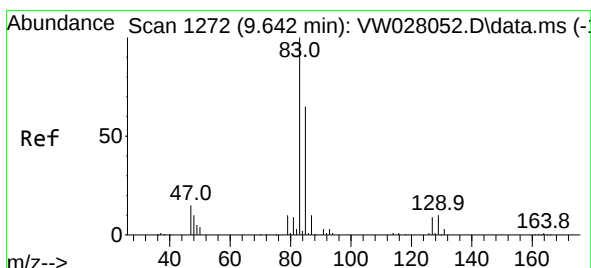
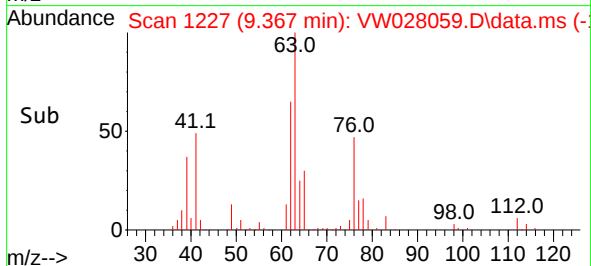
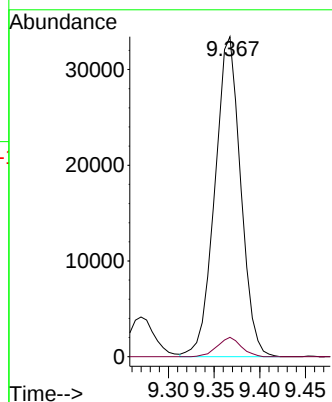
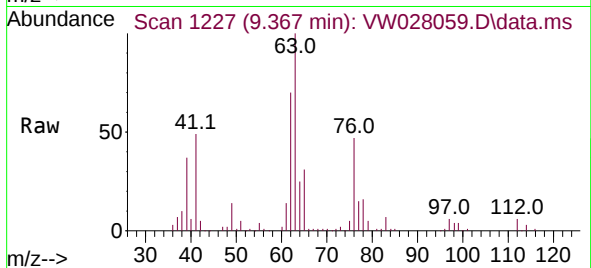
ClientSampleId :

Tgt Ion: 63 Resp: 65699

Ion Ratio Lower Upper

63 100

112 5.6 4.2 6.2



#38

Bromodichloromethane

Concen: 25.270 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

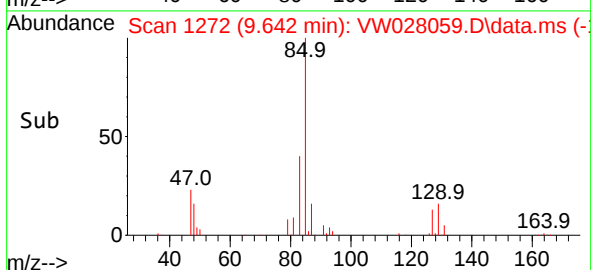
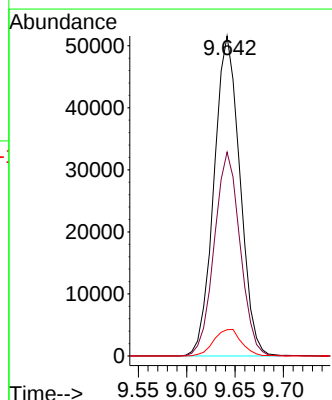
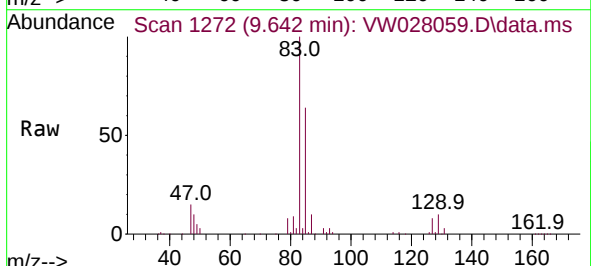
Tgt Ion: 83 Resp: 96247

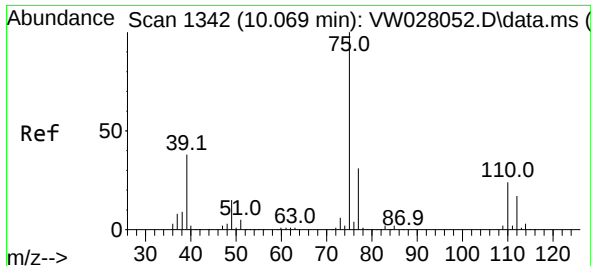
Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

127 8.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.661 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

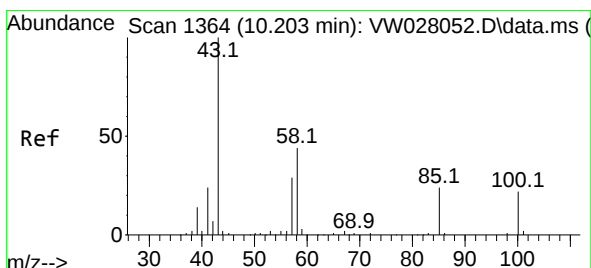
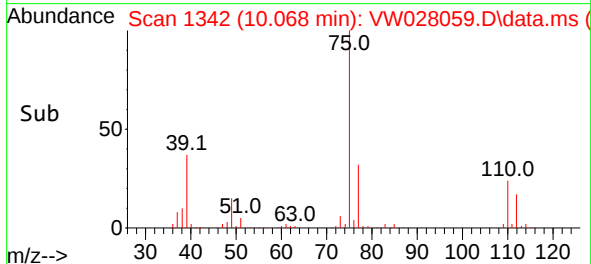
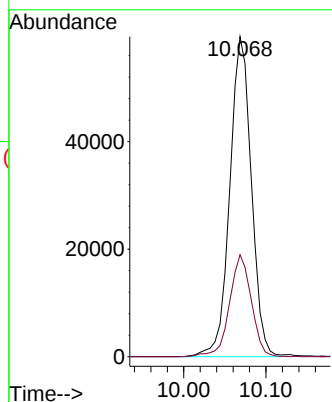
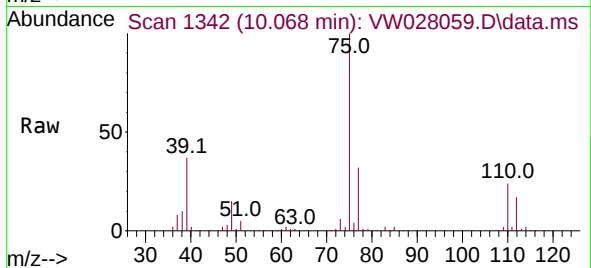
ClientSampleId :

Tgt Ion: 75 Resp: 108212

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 64.389 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

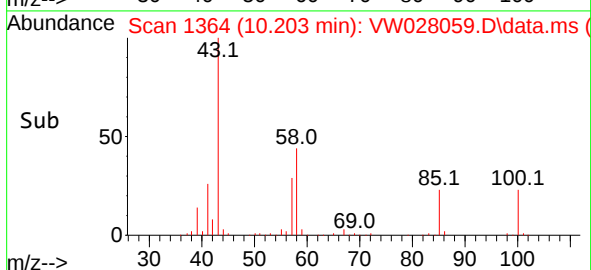
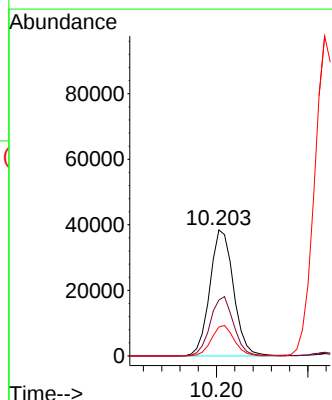
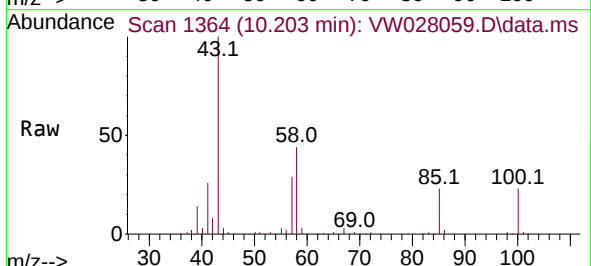
Tgt Ion: 43 Resp: 69345

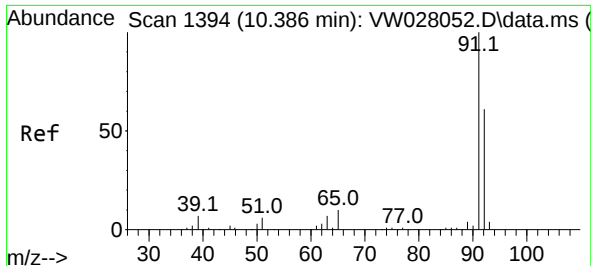
Ion Ratio Lower Upper

43 100

58 46.5 36.7 55.1

100 23.1 18.4 27.6





#42

Toluene

Concen: 22.233 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

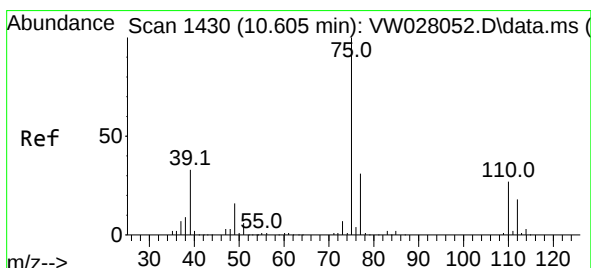
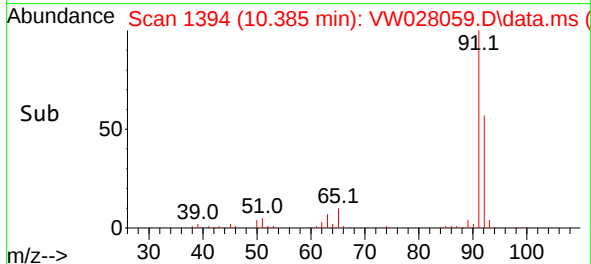
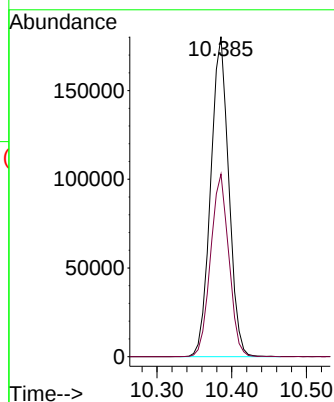
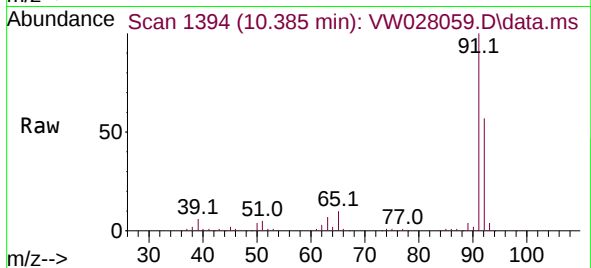
ClientSampleId :

Tgt Ion: 91 Resp: 302685

Ion Ratio Lower Upper

91 100

92 57.0 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 25.316 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028059.D

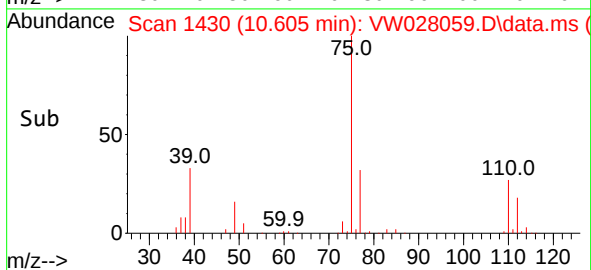
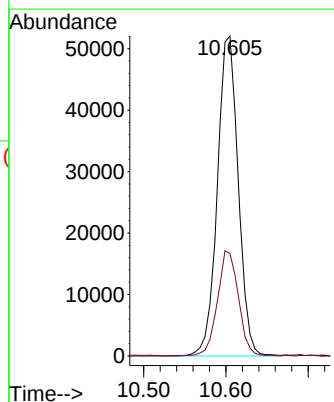
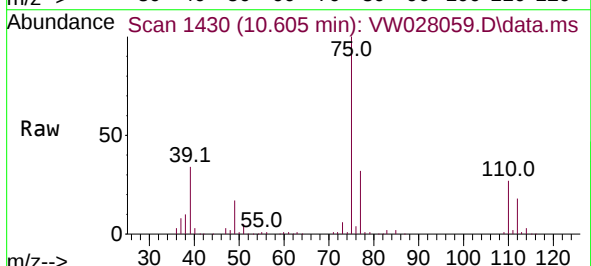
Acq: 23 Feb 2024 16:36

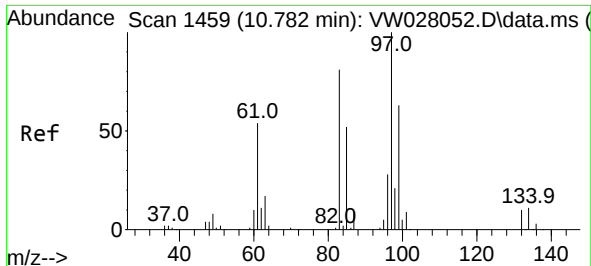
Tgt Ion: 75 Resp: 91897

Ion Ratio Lower Upper

75 100

77 32.0 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 26.357 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 59527

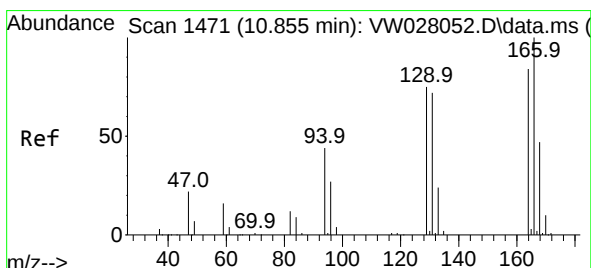
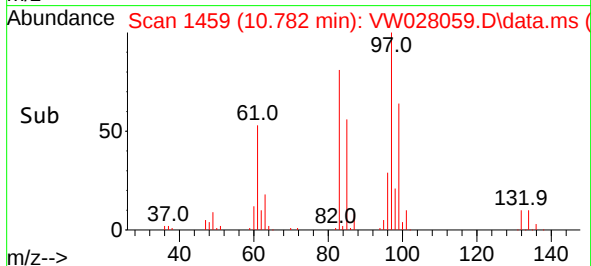
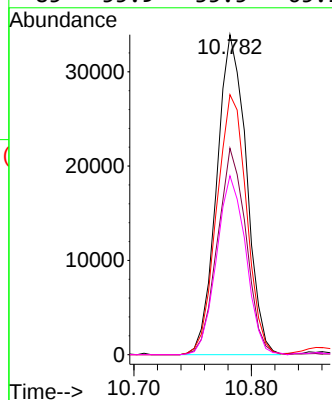
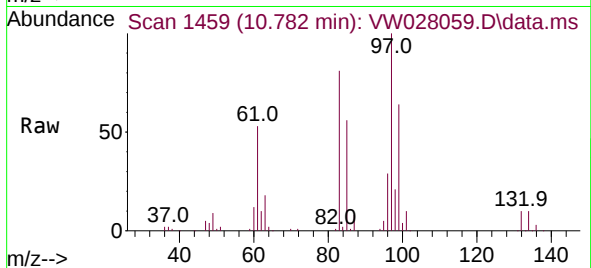
Ion Ratio Lower Upper

97 100

99 64.5 43.3 80.5

83 81.2 57.2 106.2

85 55.9 35.5 65.9



#46

Tetrachloroethene

Concen: 20.191 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Tgt Ion:164 Resp: 59222

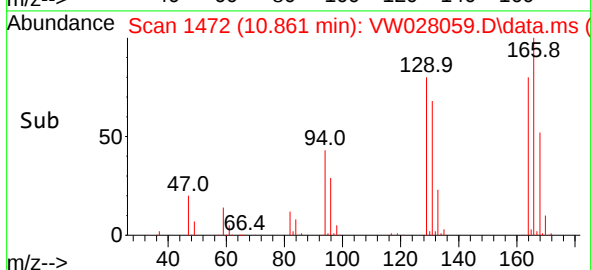
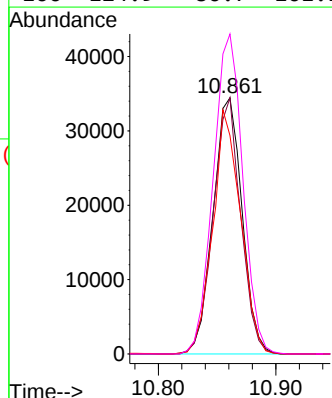
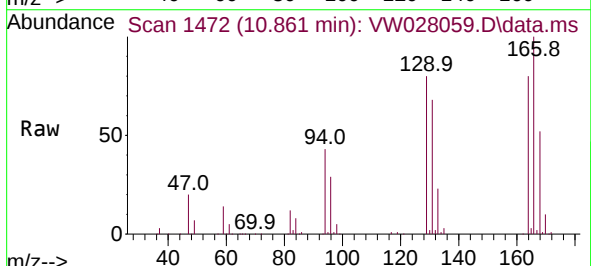
Ion Ratio Lower Upper

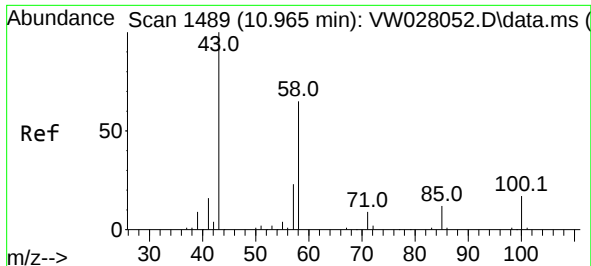
164 100

129 100.0 59.4 110.2

131 85.3 65.0 120.6

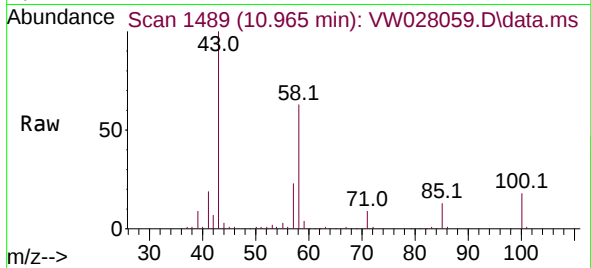
166 124.9 86.7 161.1



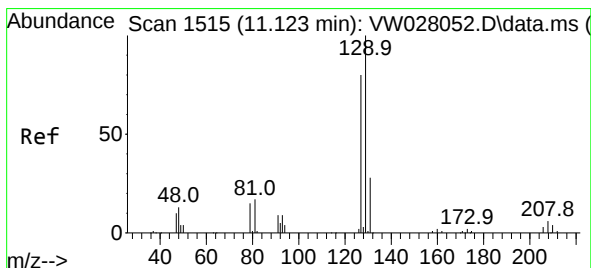
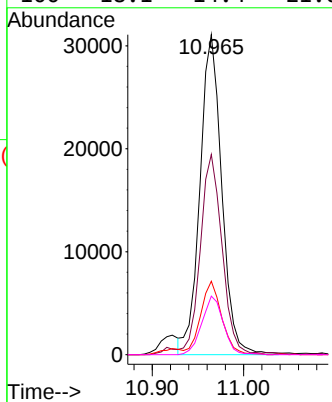
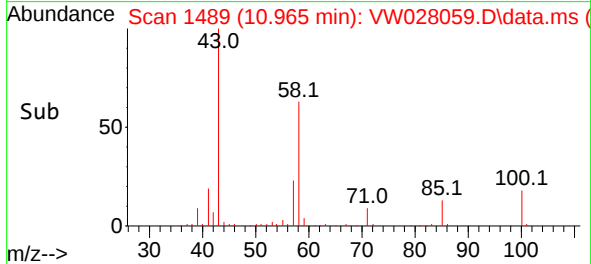


#48
2-Hexanone
Concen: 63.134 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Instrument :
MSVOA_W
ClientSampleId :

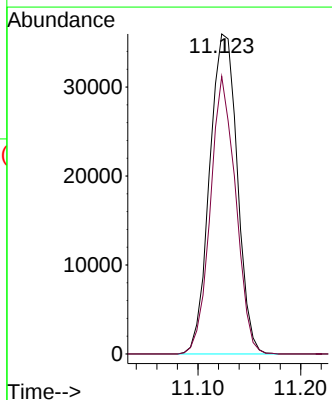
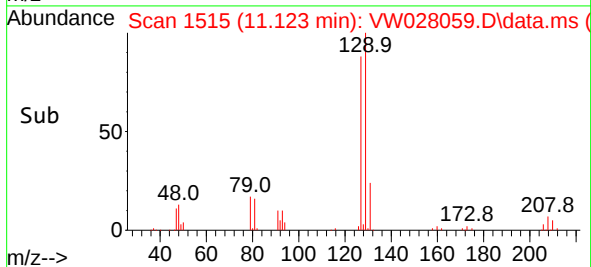
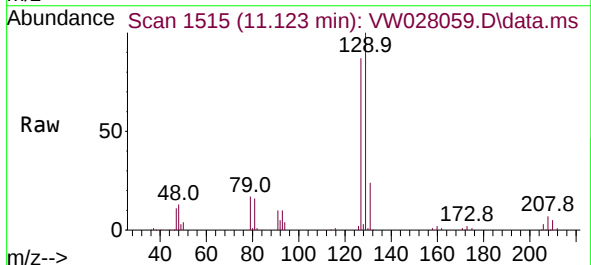


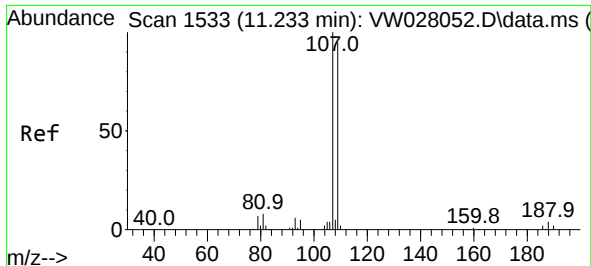
Tgt Ion: 43	Resp: 51500
Ion Ratio	Lower Upper
43 100	
58 62.1	51.4 77.2
57 22.1	17.4 26.2
100 18.1	14.4 21.6



#49
Dibromochloromethane
Concen: 26.116 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion:129	Resp: 67245		
Ion Ratio	Lower	Upper	
129 100			
127 86.8	49.6	92.0	





#50

1,2-Dibromoethane

Concen: 27.395 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028059.D

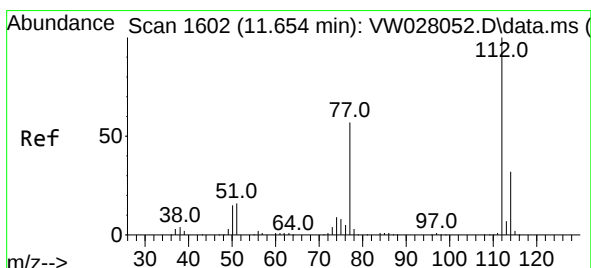
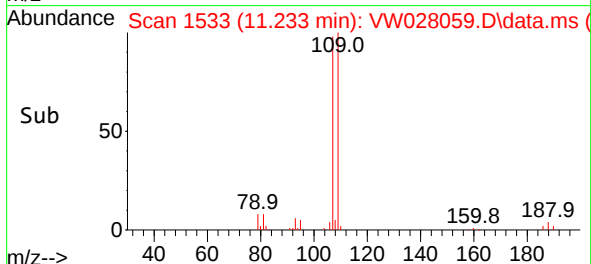
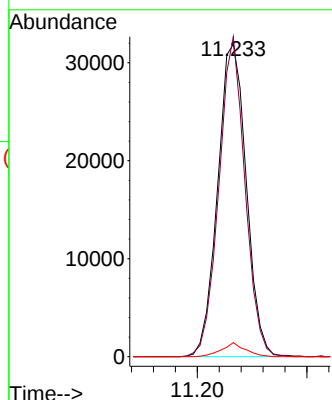
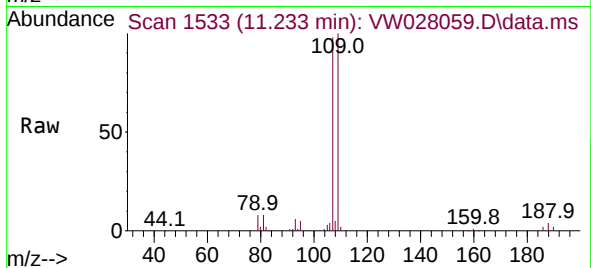
Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	57751
Ion Ratio	Lower	Upper
107	100	
109	102.4	71.2 132.2
188	4.5	3.1 4.7



#51

Chlorobenzene

Concen: 23.254 ug/L

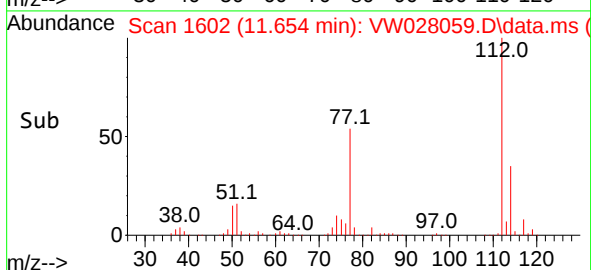
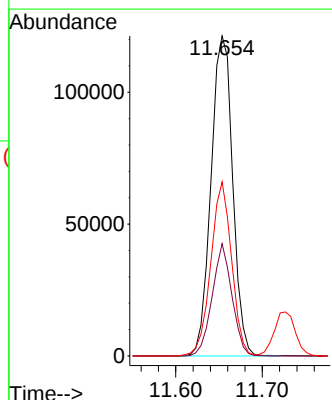
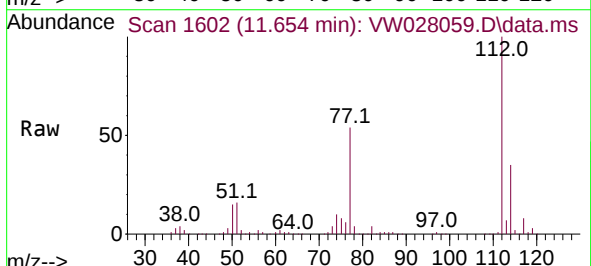
RT: 11.654 min Scan# 1602

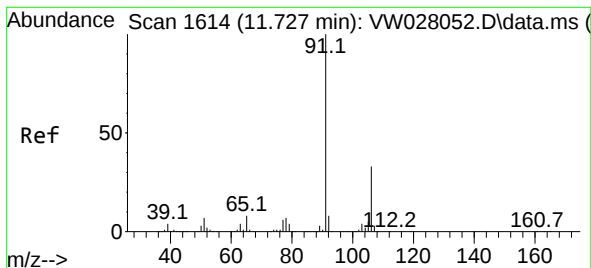
Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Tgt Ion:112	Resp:	210562
Ion Ratio	Lower	Upper
112	100	
114	35.1	22.7 42.3
77	54.4	42.6 64.0

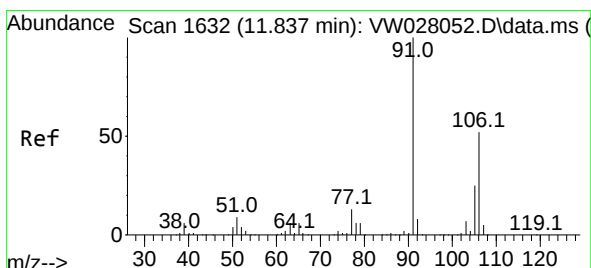
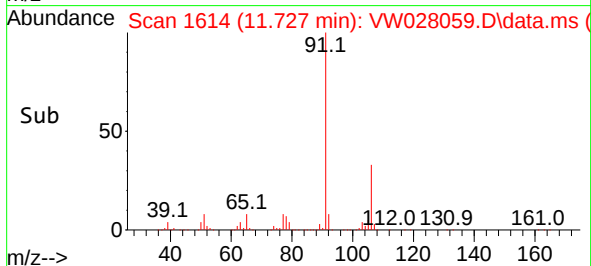
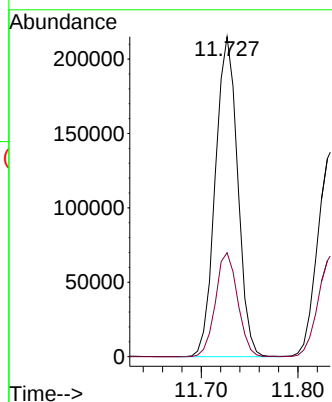
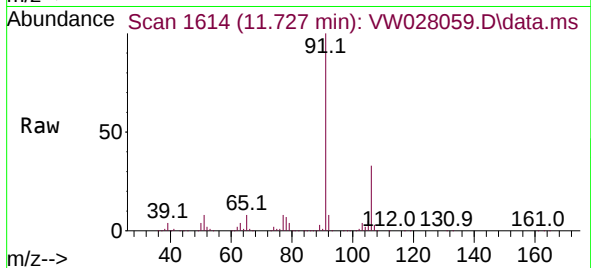




#52
Ethylbenzene
Concen: 22.441 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

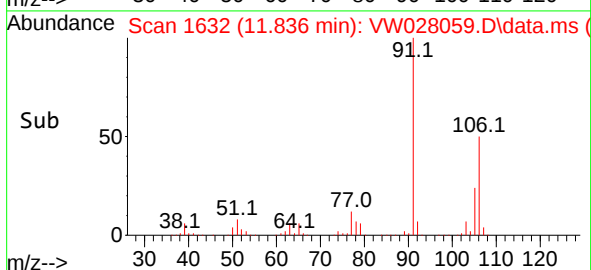
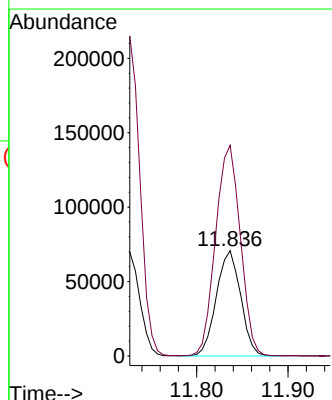
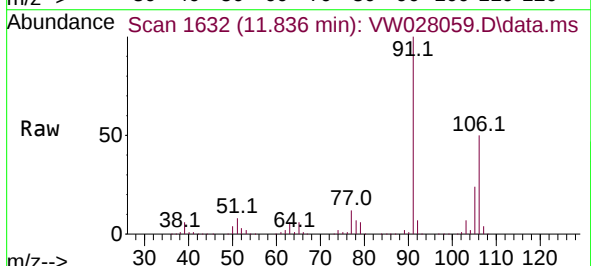
Instrument :
MSVOA_W
ClientSampleId :

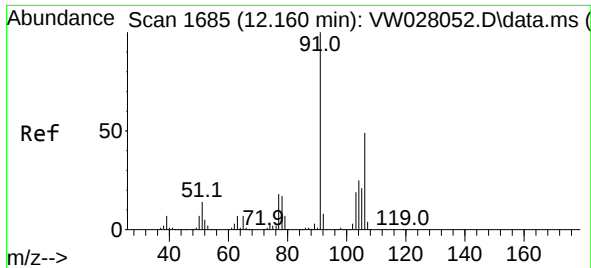
Tgt Ion: 91 Resp: 344475
Ion Ratio Lower Upper
91 100
106 32.5 22.8 42.4



#53
m,p-Xylene
Concen: 21.732 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion:106 Resp: 130825
Ion Ratio Lower Upper
106 100
91 200.2 130.0 241.4

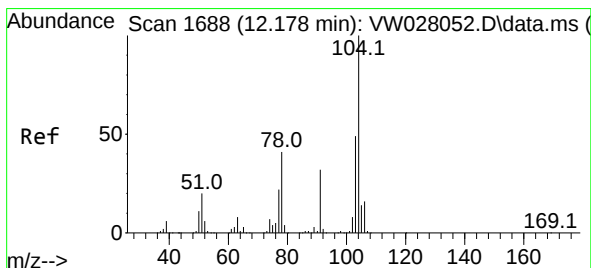
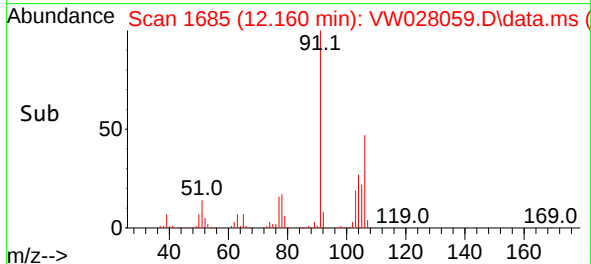
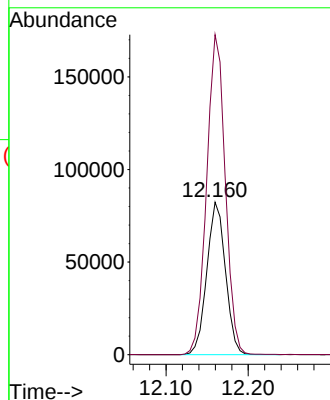
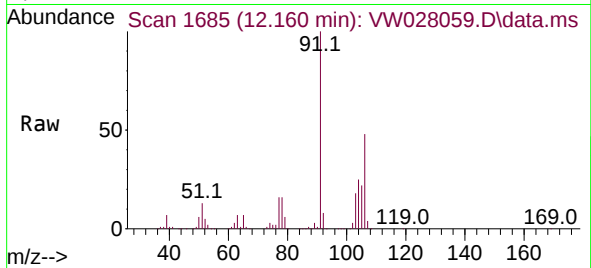




#54
o-Xylene
Concen: 22.955 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

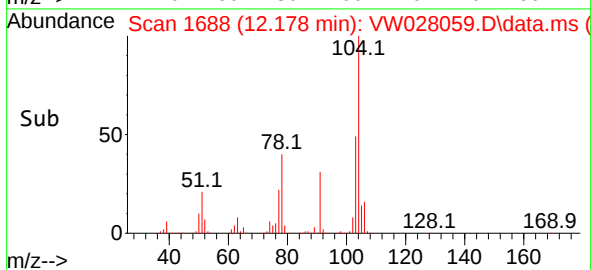
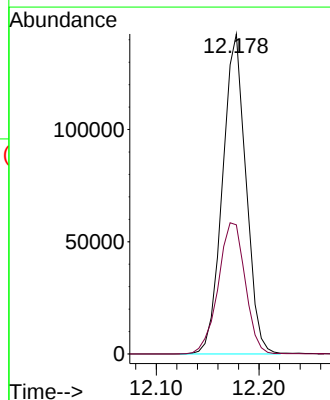
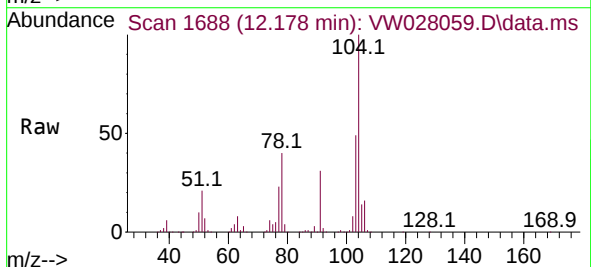
Instrument :
MSVOA_W
ClientSampleId :

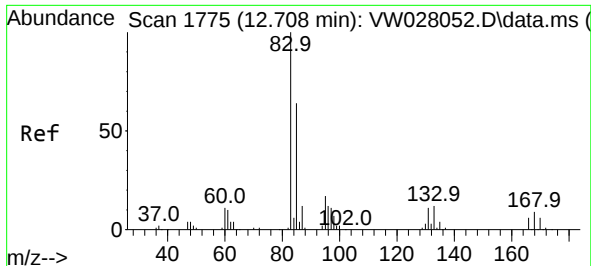
Tgt Ion:106 Resp: 129604
Ion Ratio Lower Upper
106 100
91 209.8 146.4 272.0



#55
Styrene
Concen: 23.976 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion:104 Resp: 225472
Ion Ratio Lower Upper
104 100
78 40.3 28.3 52.7

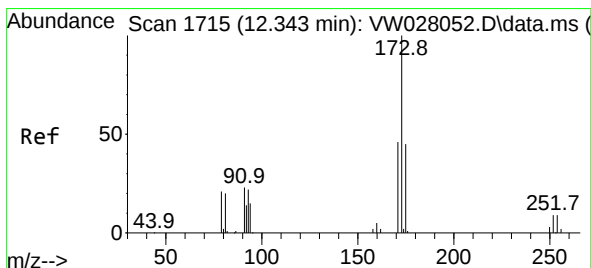
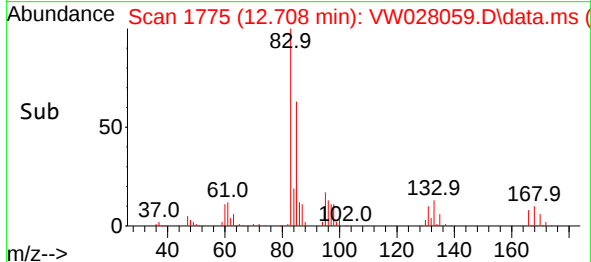
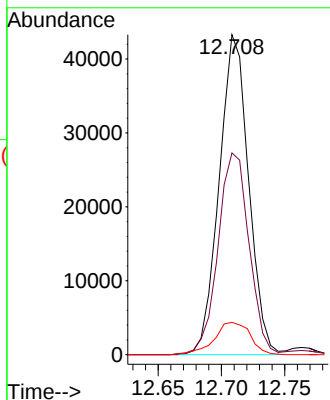
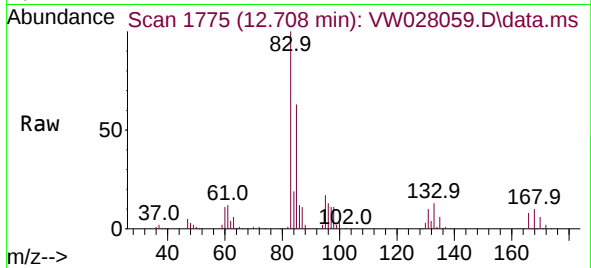




#57
1,1,2,2-Tetrachloroethane
Concen: 28.951 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

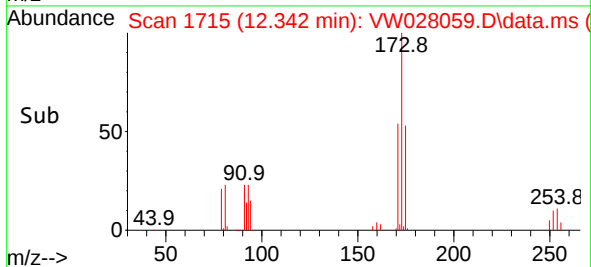
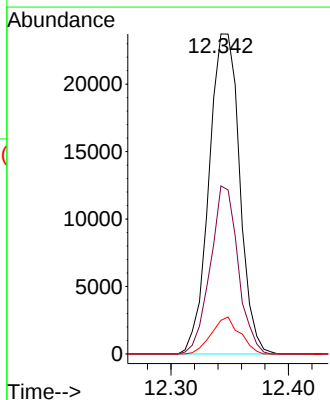
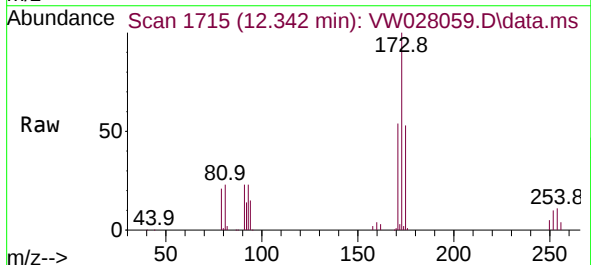
Instrument :
MSVOA_W
ClientSampleId :

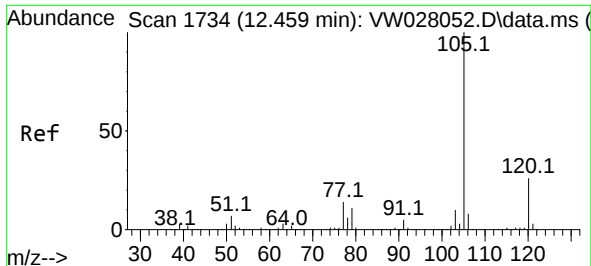
Tgt Ion: 83 Resp: 70018
Ion Ratio Lower Upper
83 100
85 63.1 42.9 79.7
131 10.1 8.7 13.1



#59
Bromoform
Concen: 26.956 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

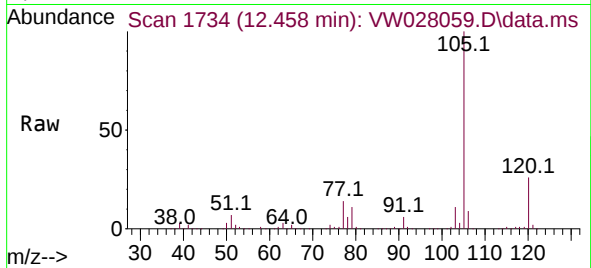
Tgt Ion:173 Resp: 42887
Ion Ratio Lower Upper
173 100
175 47.7 37.8 56.8
254 10.7 8.4 12.6



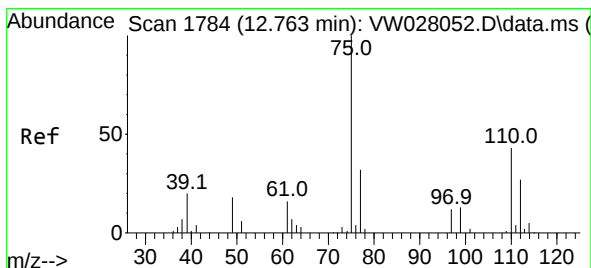
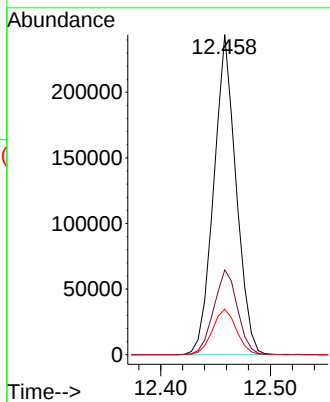
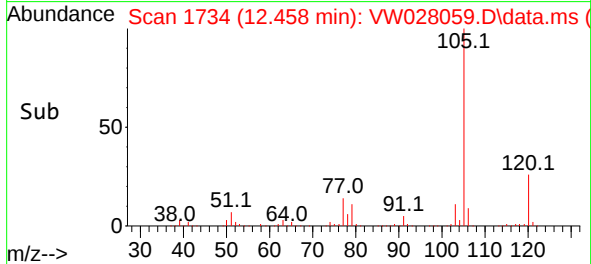


#60
Isopropylbenzene
Concen: 20.549 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

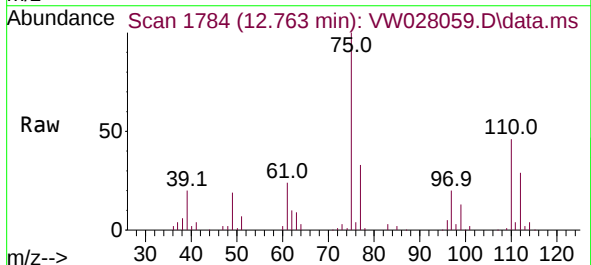
Instrument :
MSVOA_W
ClientSampleId :



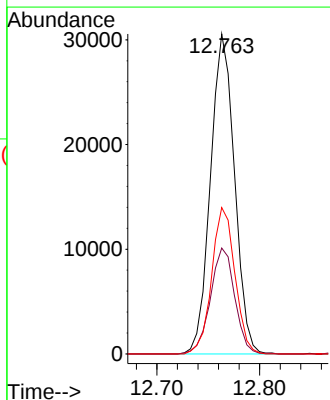
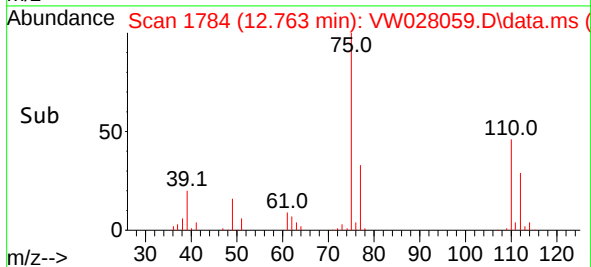
Tgt Ion:105 Resp: 345845
Ion Ratio Lower Upper
105 100
120 28.1 22.2 33.2
77 15.2 11.8 17.6

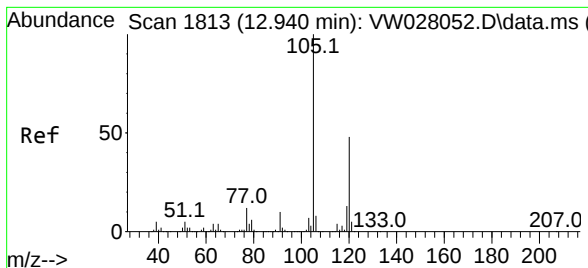


#61
1,2,3-Trichloropropane
Concen: 27.563 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36



Tgt Ion: 75 Resp: 49585
Ion Ratio Lower Upper
75 100
77 33.4 26.5 39.7
110 44.2 35.8 53.8

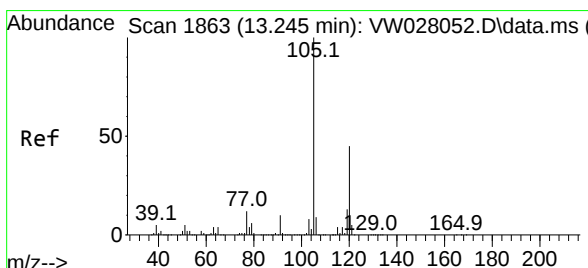
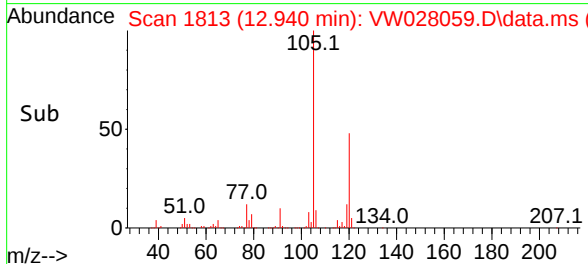
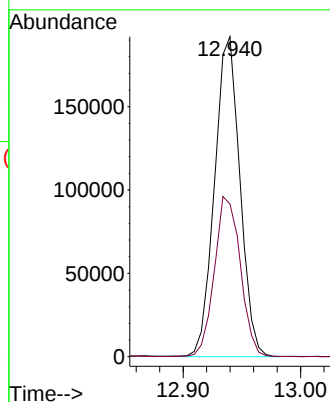
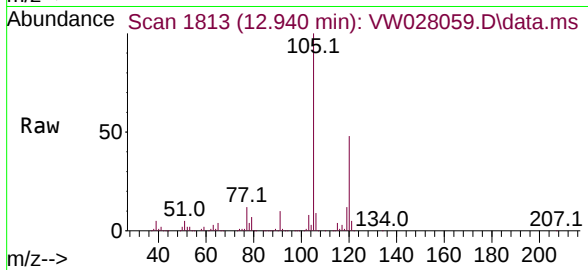




#62
1,3,5-Trimethylbenzene
Concen: 21.424 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

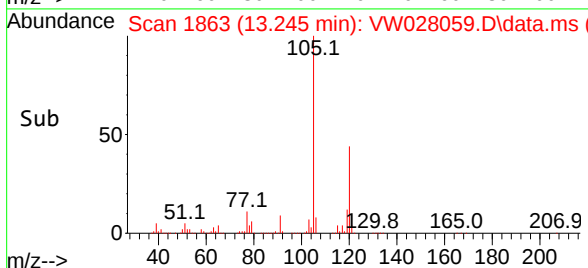
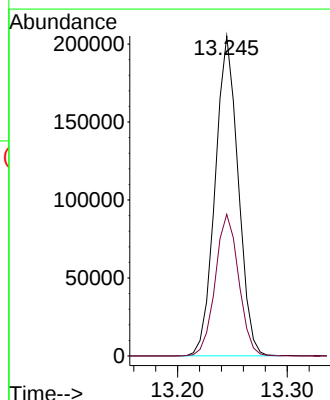
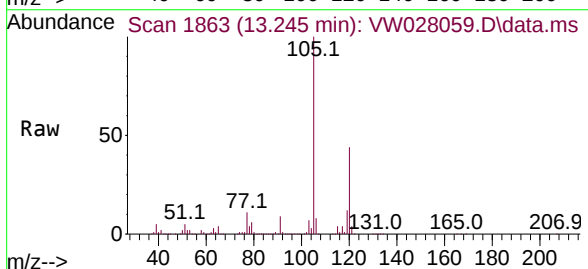
Instrument :
MSVOA_W
ClientSampleId :

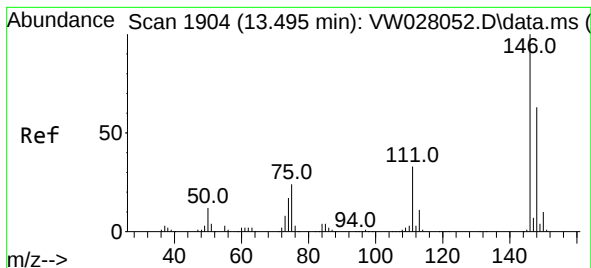
Tgt Ion:105 Resp: 288553
Ion Ratio Lower Upper
105 100
120 51.2 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 22.710 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

Tgt Ion:105 Resp: 299303
Ion Ratio Lower Upper
105 100
120 45.0 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 22.028 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

ClientSampleId :

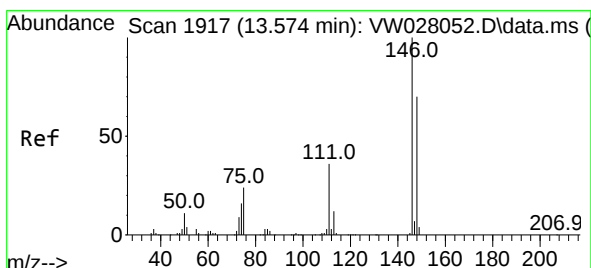
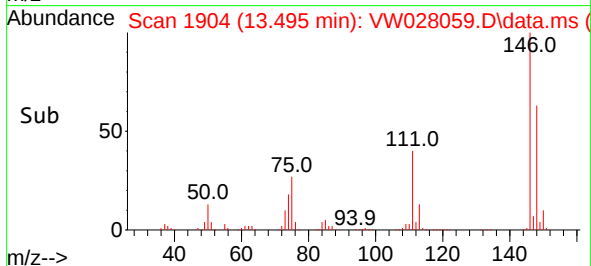
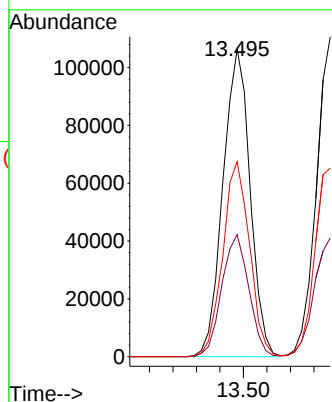
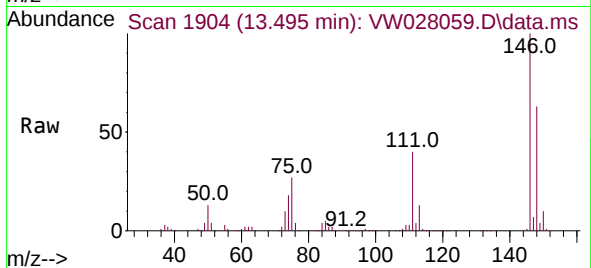
Tgt Ion:146 Resp: 170315

Ion Ratio Lower Upper

146 100

111 39.6 26.9 49.9

148 63.3 41.2 76.6



#65

1,4-Dichlorobenzene

Concen: 21.786 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

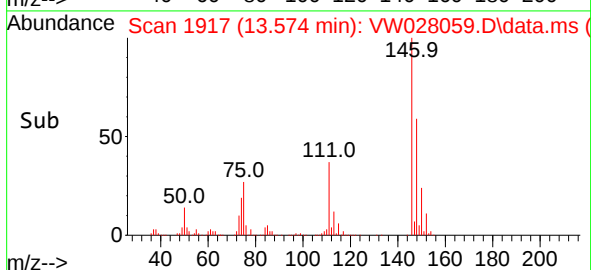
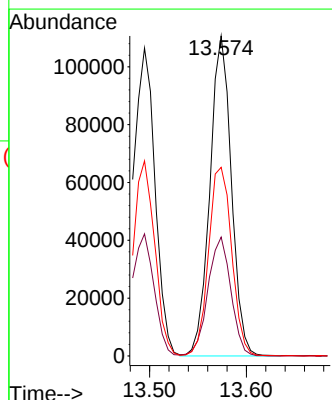
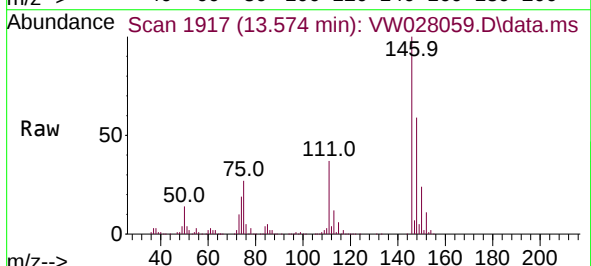
Tgt Ion:146 Resp: 171264

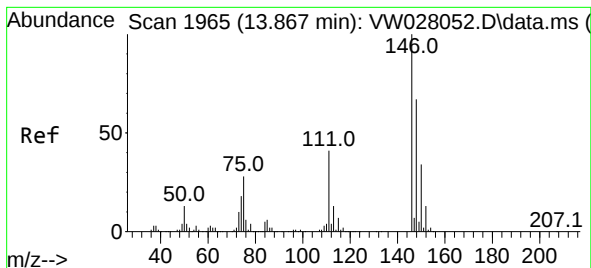
Ion Ratio Lower Upper

146 100

111 37.2 24.1 44.8

148 59.0 43.6 81.0

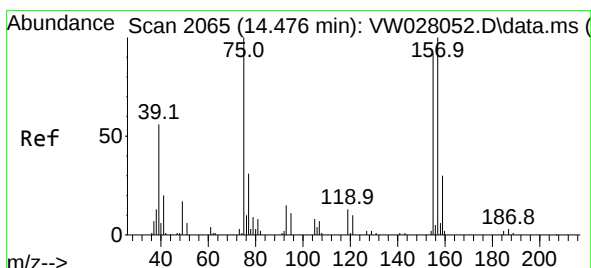
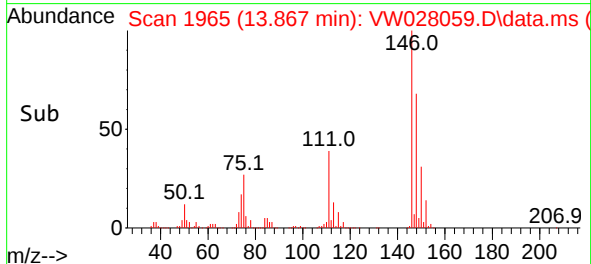
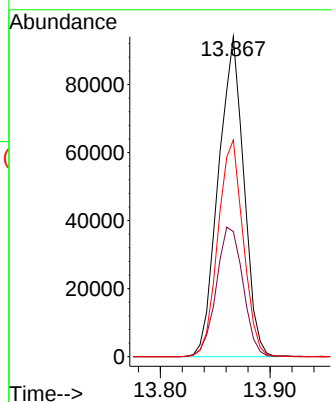
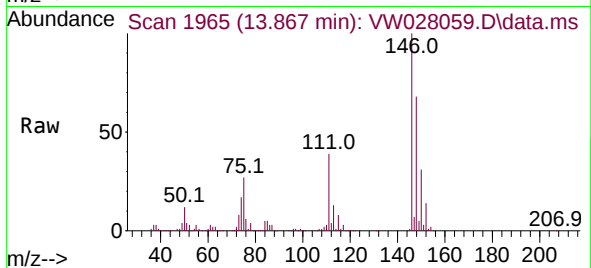




#67
1,2-Dichlorobenzene
Concen: 22.217 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

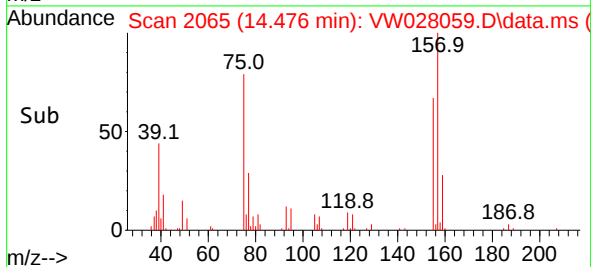
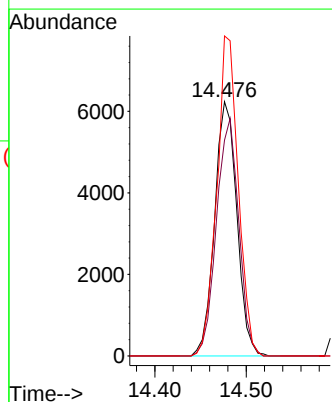
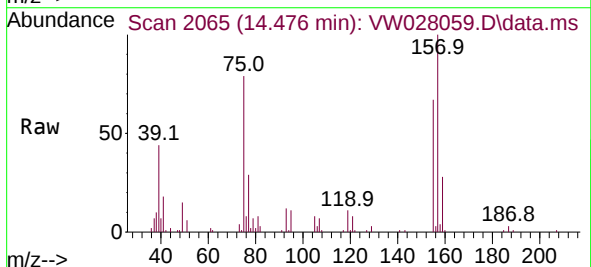
Instrument :
MSVOA_W
ClientSampleId :

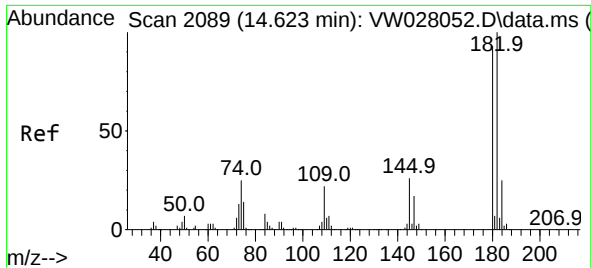
Tgt Ion:146 Resp: 151720
Ion Ratio Lower Upper
146 100
111 39.1 30.6 46.0
148 67.8 48.6 72.8



#68
1,2-Dibromo-3-chloropropane
Concen: 29.552 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028059.D
Acq: 23 Feb 2024 16:36

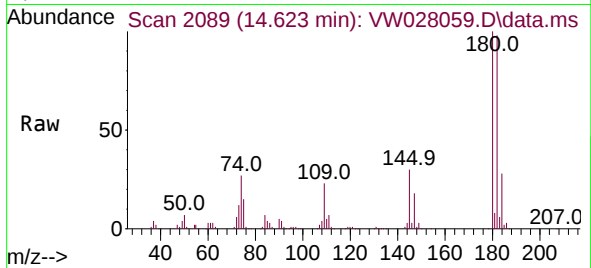
Tgt Ion: 75 Resp: 10555
Ion Ratio Lower Upper
75 100
155 84.9 68.7 103.1
157 125.9 96.7 145.1



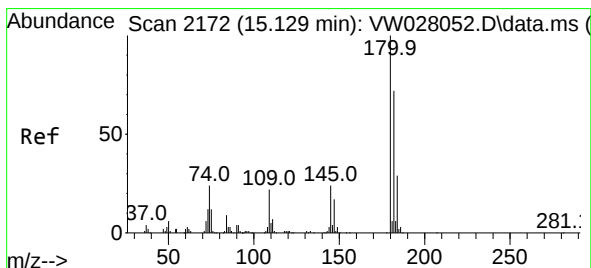
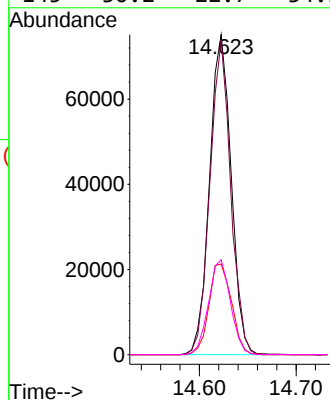
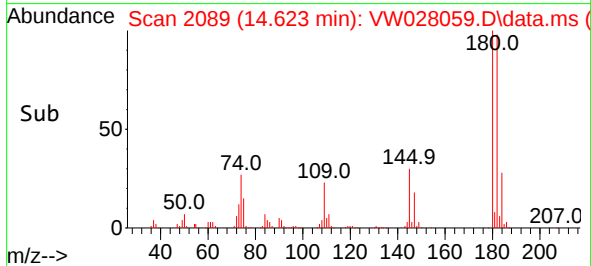


#69
 1,3,5-Trichlorobenzene
 Concen: 20.999 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW028059.D
 Acq: 23 Feb 2024 16:36

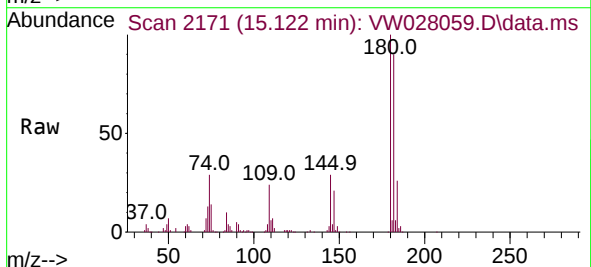
Instrument :
 MSVOA_W
 ClientSampleId :



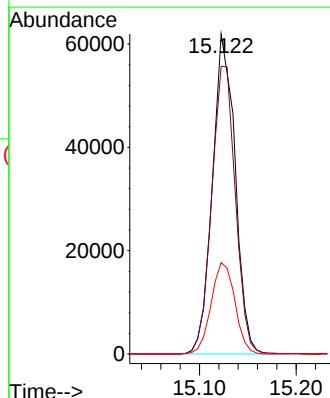
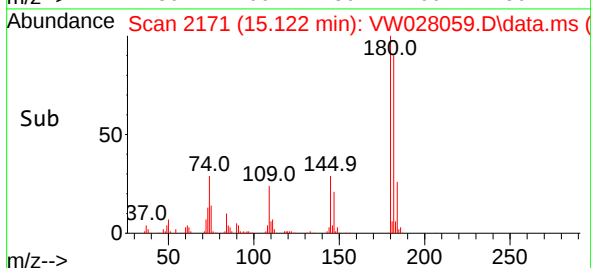
Tgt Ion:180 Resp: 116582
 Ion Ratio Lower Upper
 180 100
 182 94.4 72.1 108.1
 184 29.7 24.4 36.6
 145 30.2 22.7 34.1

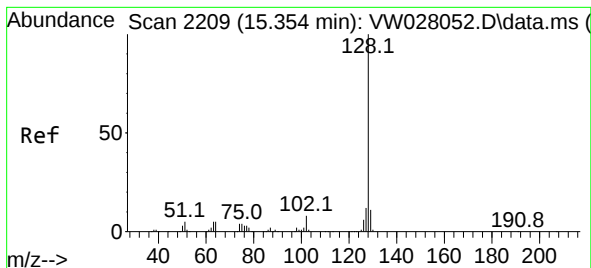


#70
 1,2,4-trichlorobenzene
 Concen: 22.525 ug/L
 RT: 15.122 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW028059.D
 Acq: 23 Feb 2024 16:36



Tgt Ion:180 Resp: 100985
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.0 115.6
 145 29.9 23.4 35.0





#71

Naphthalene

Concen: 28.341 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

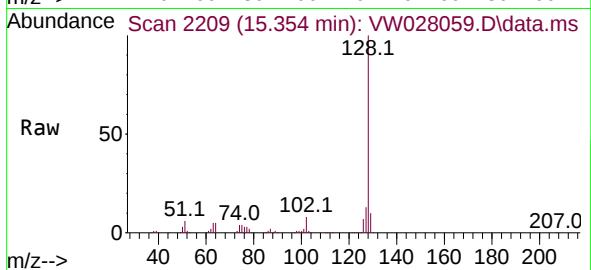
Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Instrument :

MSVOA_W

ClientSampleId :



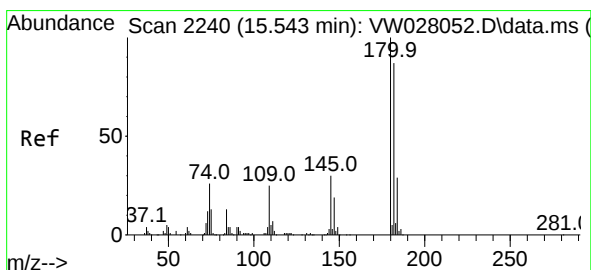
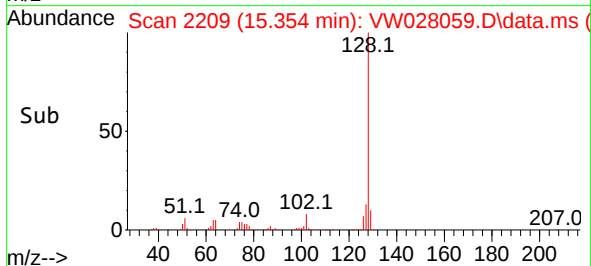
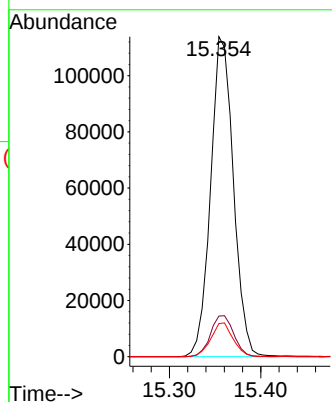
Tgt Ion:128 Resp: 197446

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.3 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 24.366 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028059.D

Acq: 23 Feb 2024 16:36

Tgt Ion:180 Resp: 91143

Ion Ratio Lower Upper

180 100

182 96.7 76.5 114.7

145 30.8 25.8 38.8

