

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041524\
 Data File : VW028441.D
 Acq On : 15 Apr 2024 14:12
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 15 22:33:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 15 22:30:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	315538	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	102537	20.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.899	69	81779	21.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	4.021	65	44814	20.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.680%
21) 2-Butanone-d5	7.075	46	56573	59.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.520%
24) Chloroform-d	7.648	84	205446	24.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.307	65	115062	26.890	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.560%
32) Benzene-d6	8.276	84	385488	24.345	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.270	67	116995	24.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.440%
41) Toluene-d8	10.319	98	350903	24.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.575	79	48788	26.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.280%
47) 2-Hexanone-d5	10.922	63	39401	60.434	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95914	28.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	116055	25.939	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	102951	24.259	ug/L	97
3) Chloromethane	2.229	50	114010	22.881	ug/L	97
5) Vinyl chloride	2.375	62	135336	22.807	ug/L	99
6) Bromomethane	2.796	94	84272	22.731	ug/L	97
8) Chloroethane	2.936	64	82247	22.993	ug/L	99
9) Trichlorofluoromethane	3.271	101	104144	22.000	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105203	23.623	ug/L	96
12) 1,1-Dichloroethene	4.045	96	98730	23.611	ug/L	96
13) Acetone	4.125	43	49036	42.189	ug/L	94
14) Carbon disulfide	4.393	76	311803	22.648	ug/L	100
15) Methyl Acetate	4.667	43	51998	27.804	ug/L	100
16) Methylene chloride	4.923	84	110501	23.143	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	104523	23.729	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	168265	27.157	ug/L	99
19) 1,1-Dichloroethane	6.222	63	213464	24.873	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	118814	25.415	ug/L	95
22) 2-Butanone	7.173	43	67012	47.508	ug/L	99
23) Bromochloromethane	7.514	128	51775	25.712	ug/L	91
25) Chloroform	7.673	83	214780	25.477	ug/L	91

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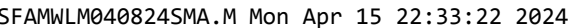
Instrument :
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 ClientSampleId :

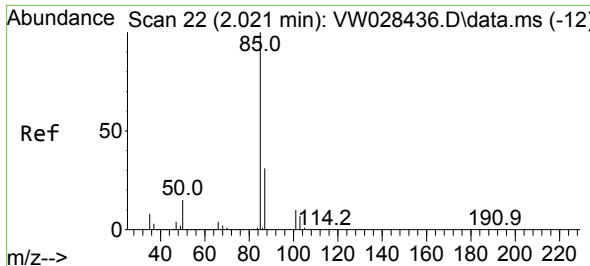
Quant Time: Apr 15 22:33:11 2024
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 Quant Title : SFAM01.0
 QLast Update : Mon Apr 15 22:30:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	152549	26.217	ug/L	99
29) Cyclohexane	7.959	56	184009	24.034	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	170714	24.285	ug/L	99
31) Carbon tetrachloride	8.069	117	153043	24.551	ug/L	97
33) Benzene	8.325	78	451213	24.898	ug/L	100
34) Trichloroethene	9.093	95	120871	24.611	ug/L	97
35) Methylcyclohexane	9.337	83	198356	23.668	ug/L	100
37) 1,2-Dichloropropane	9.368	63	119390	25.276	ug/L	100
38) Bromodichloromethane	9.642	83	152082	25.976	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	181658	26.226	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	147714	62.471	ug/L	99
42) Toluene	10.386	91	481349	25.072	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	153100	27.322	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	83666	26.182	ug/L	96
46) Tetrachloroethene	10.861	164	86846	23.674	ug/L	96
48) 2-Hexanone	10.965	43	102592	54.661	ug/L	98
49) Dibromochloromethane	11.123	129	93675	27.426	ug/L	100
50) 1,2-Dibromoethane	11.233	107	79172	27.145	ug/L #	96
51) Chlorobenzene	11.654	112	298614	25.023	ug/L	97
52) Ethylbenzene	11.727	91	544267	25.008	ug/L	99
53) m,p-Xylene	11.837	106	202176	24.980	ug/L	90
54) o-Xylene	12.160	106	193308	25.652	ug/L	97
55) Styrene	12.178	104	332432	25.919	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	99722	27.575	ug/L	98
59) Bromoform	12.349	173	52678	28.209	ug/L	97
60) Isopropylbenzene	12.458	105	532790	25.121	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71797	27.758	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	357895	26.475	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	435338	26.760	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	227443	25.273	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	223273	24.390	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	207131	26.166	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	15961	26.930	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	148288	23.946	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	126149	26.086	ug/L	95
71) Naphthalene	15.360	128	256515	29.972	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104247	24.293	ug/L	95

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

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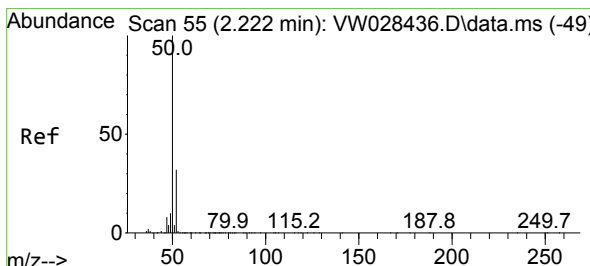
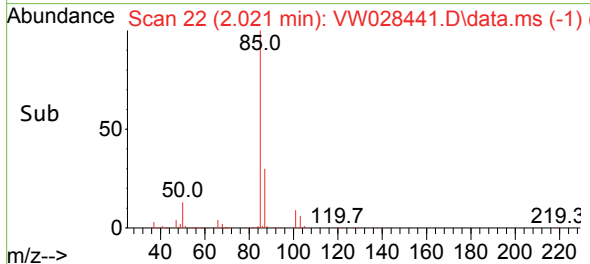
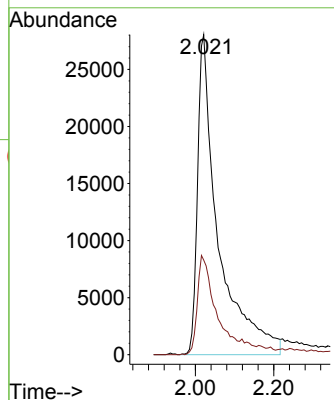
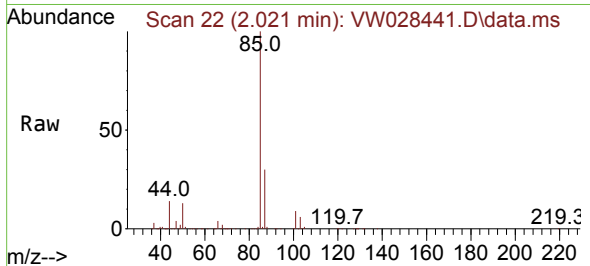




#2
Dichlorodifluoromethane
Concen: 24.259 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

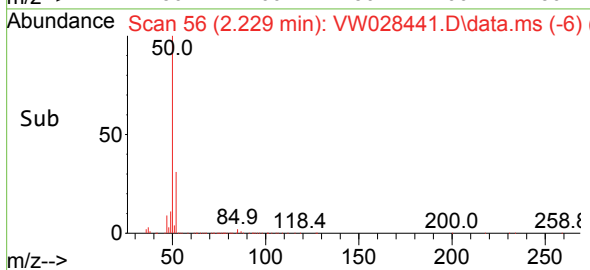
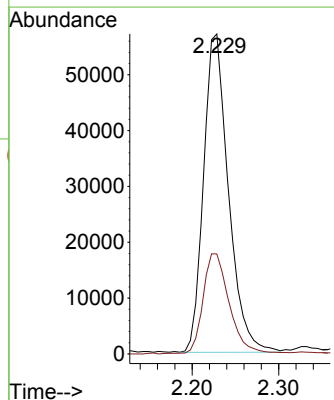
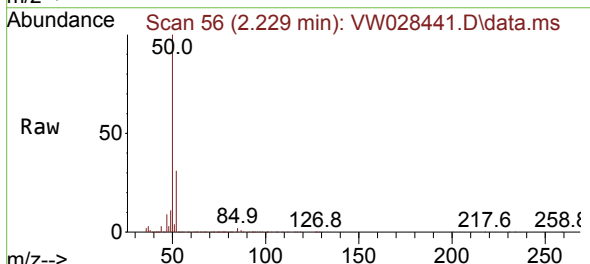
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MSVOA_W
ClientSampleId :

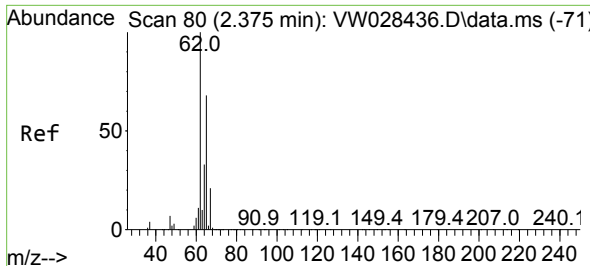
Tgt Ion: 85 Resp: 102951
Ion Ratio Lower Upper
85 100
87 27.6 23.4 35.0



#3
Chloromethane
Concen: 22.881 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 50 Resp: 114010
Ion Ratio Lower Upper
50 100
52 31.2 23.0 42.6

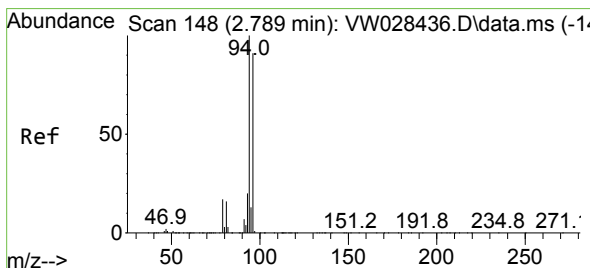
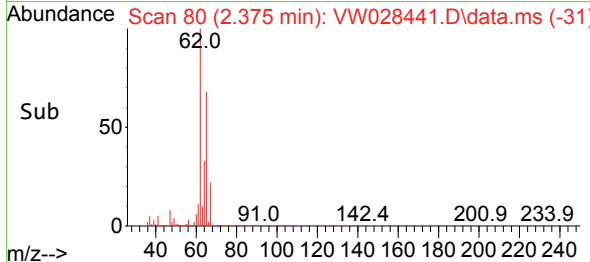
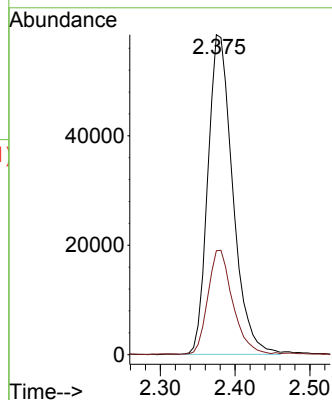
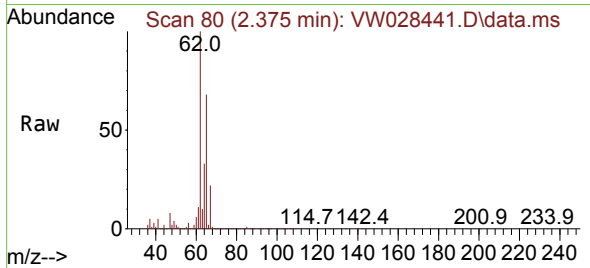




#5
 Vinyl chloride
 Concen: 22.807 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12

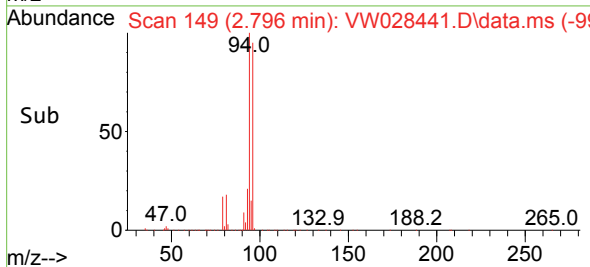
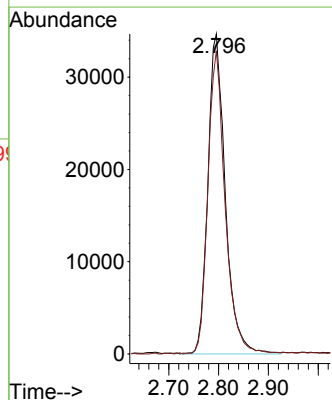
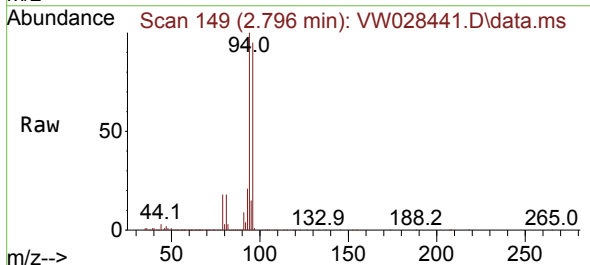
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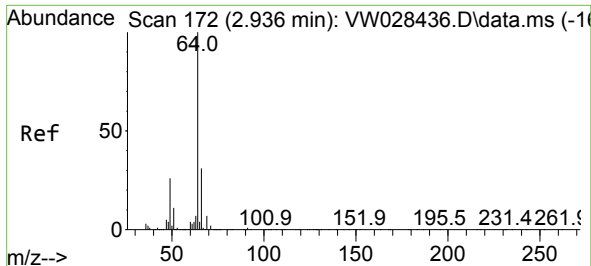
Tgt Ion: 62 Resp: 135336
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 22.731 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12

Tgt Ion: 94 Resp: 84272
 Ion Ratio Lower Upper
 94 100
 96 94.8 64.3 119.5

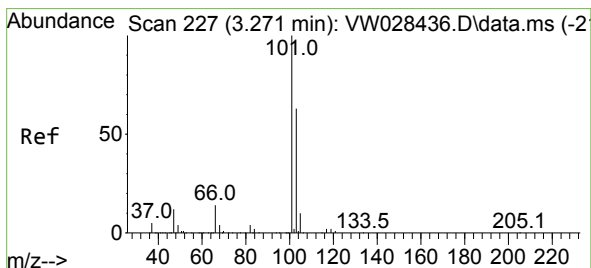
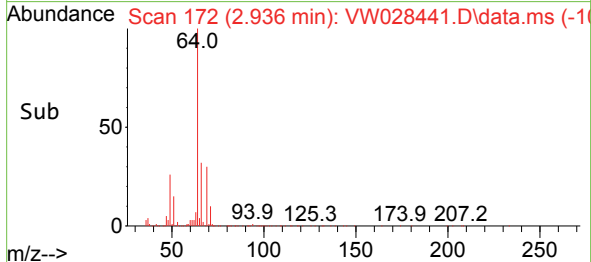
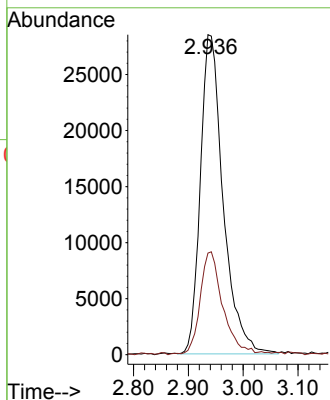
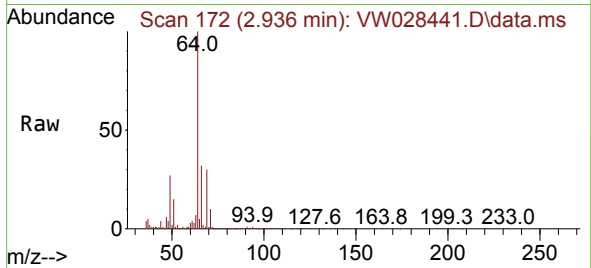




#8
Chloroethane
Concen: 22.993 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

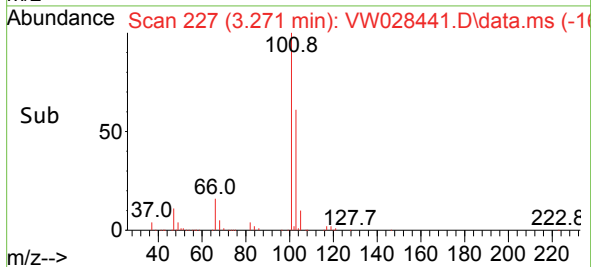
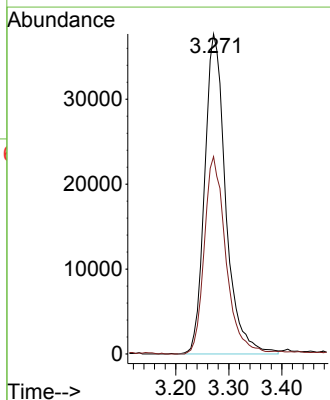
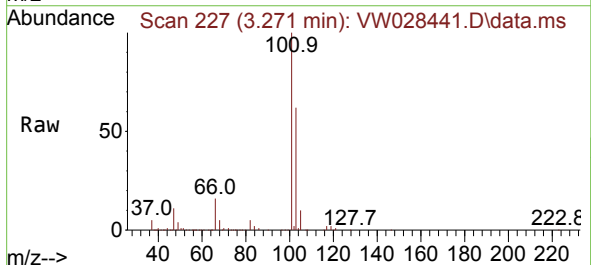
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ClientSampleId :

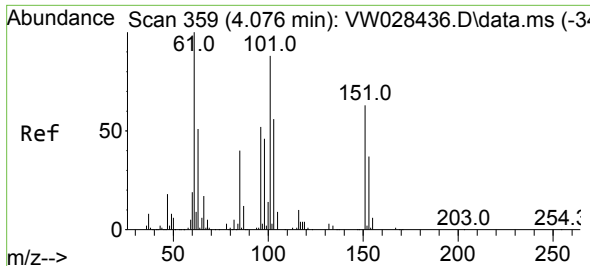
Tgt Ion: 64 Resp: 82247
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.000 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 101 Resp: 104144
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0

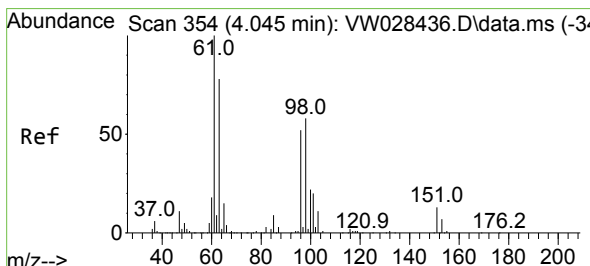
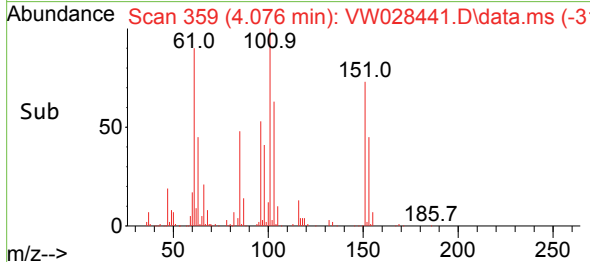
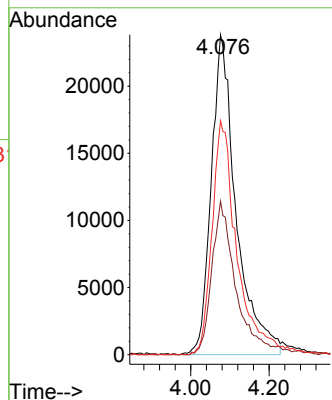
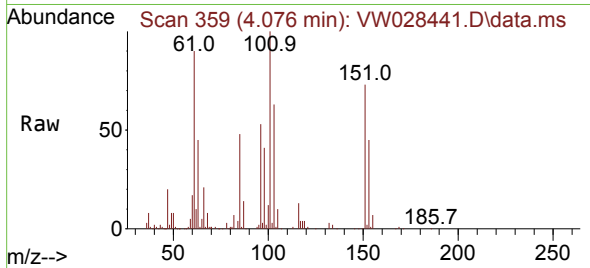




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.623 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12

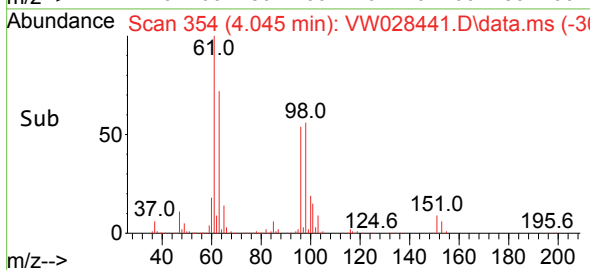
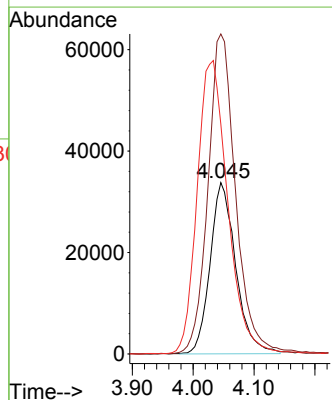
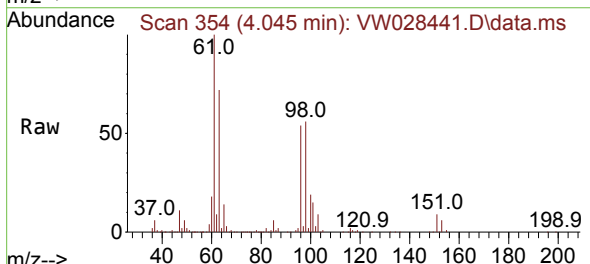
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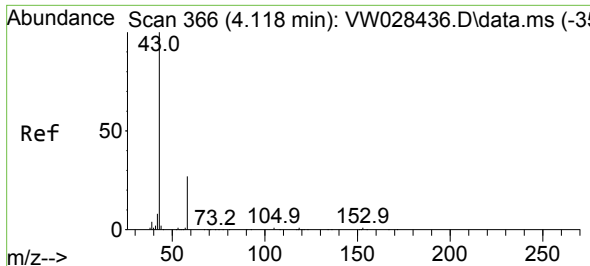
Tgt Ion:101 Resp: 105203
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.5 51.7
 151 69.0 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 23.611 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12

Tgt Ion: 96 Resp: 98730
 Ion Ratio Lower Upper
 96 100
 61 186.7 130.5 242.5
 63 134.1 101.5 188.5

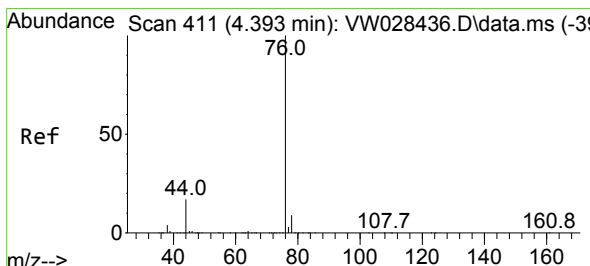
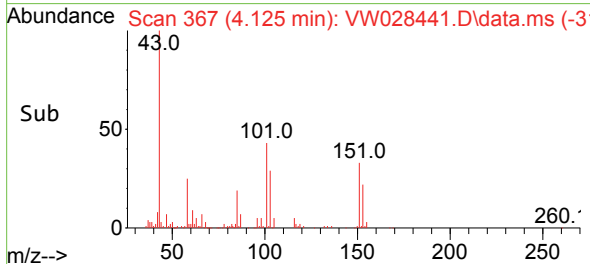
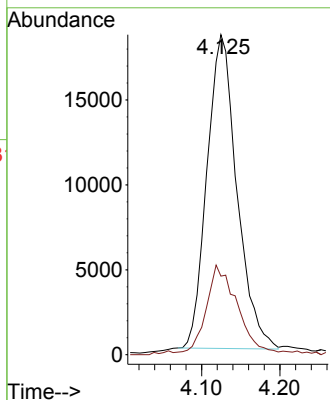
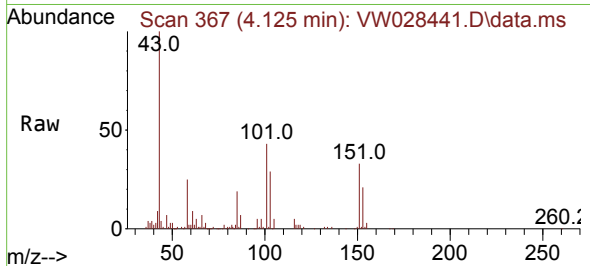




#13
Acetone
Concen: 42.189 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

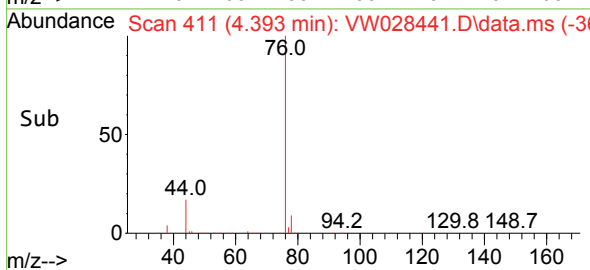
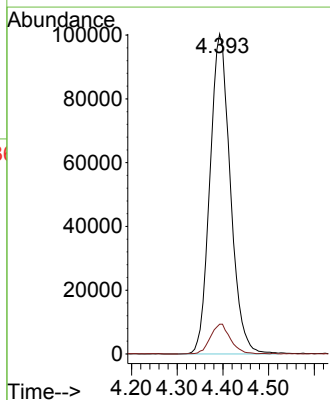
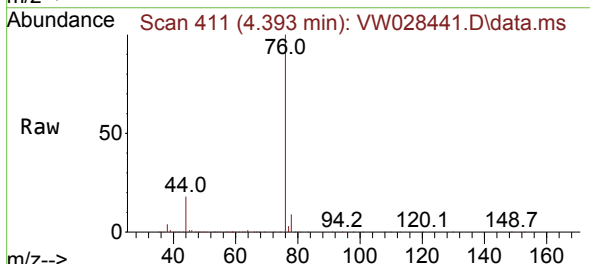
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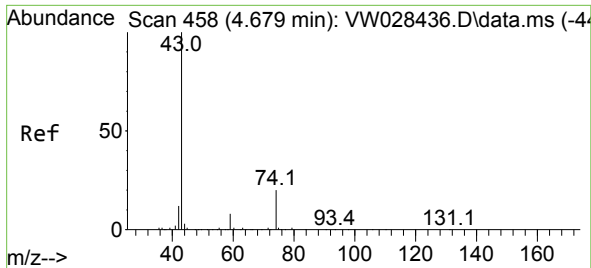
Tgt Ion: 43 Resp: 49036
Ion Ratio Lower Upper
43 100
58 29.5 0.0 53.4



#14
Carbon disulfide
Concen: 22.648 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 76 Resp: 311803
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

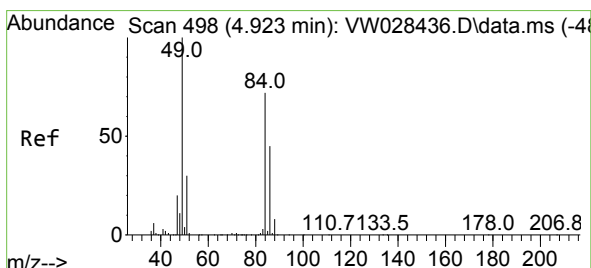
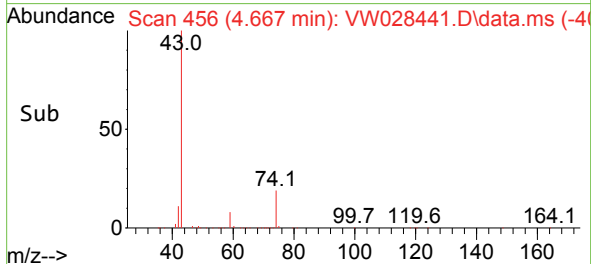
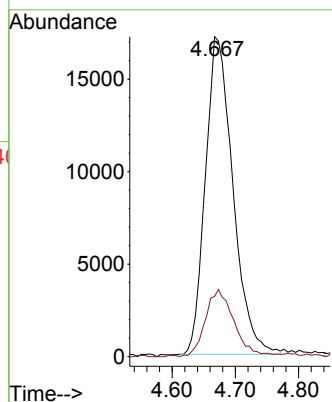
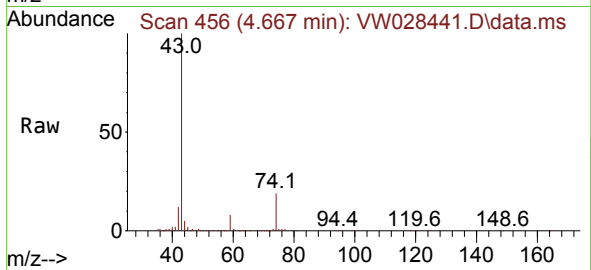




#15
Methyl Acetate
Concen: 27.804 ug/L
RT: 4.667 min Scan# 4
Delta R.T. -0.012 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

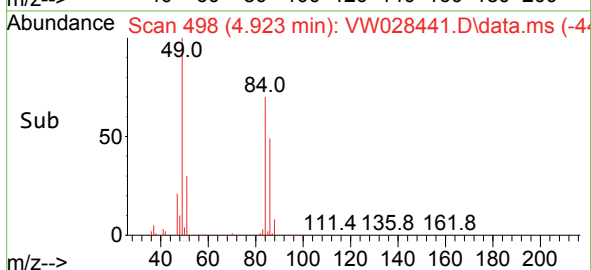
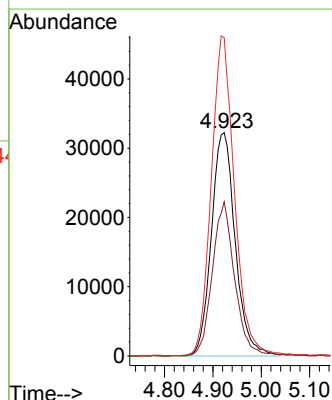
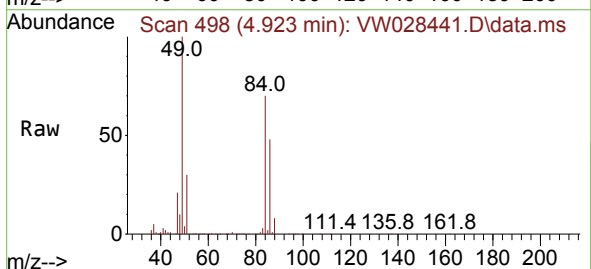
Instrument :
MSVOA_W
ClientSampleId :

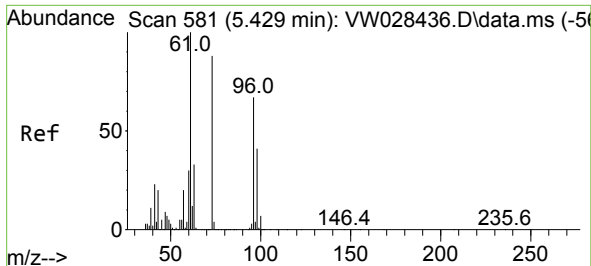
Tgt Ion: 43 Resp: 51998
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.0



#16
Methylene chloride
Concen: 23.143 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

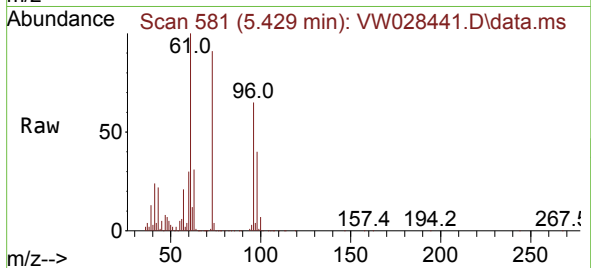
Tgt Ion: 84 Resp: 110501
Ion Ratio Lower Upper
84 100
86 69.0 44.2 82.0
49 142.4 95.0 176.4



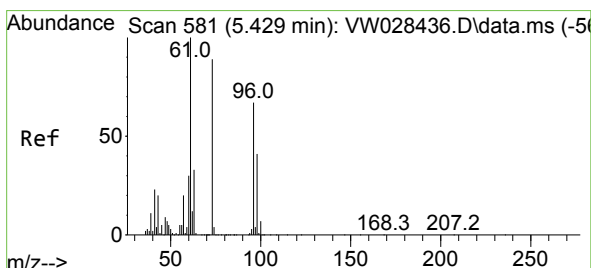
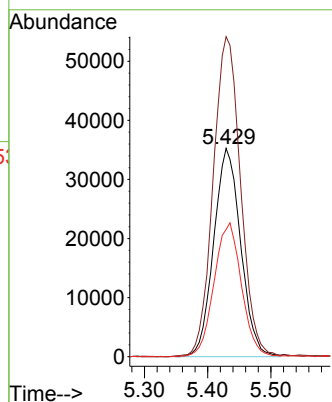
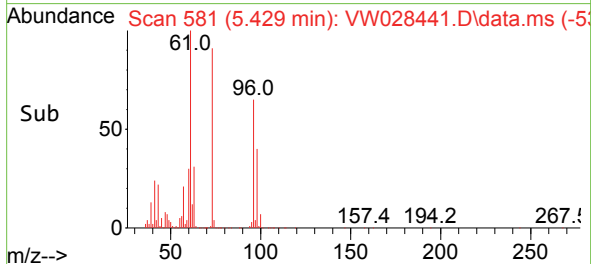


#17
trans-1,2-Dichloroethene
Concen: 23.729 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

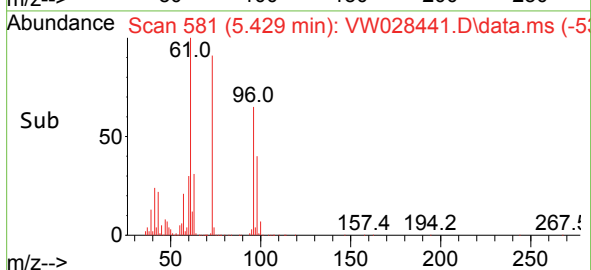
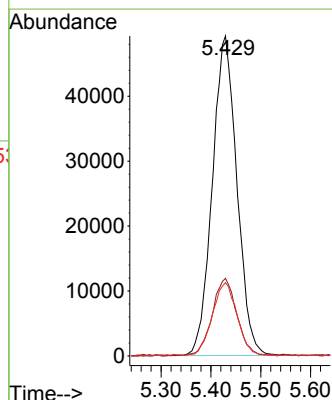
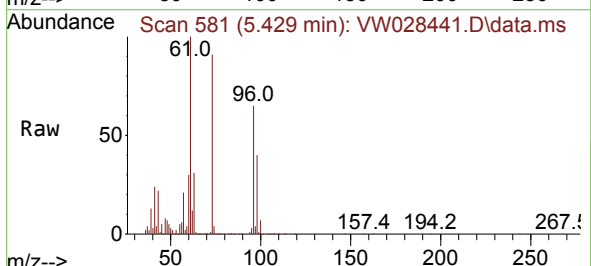


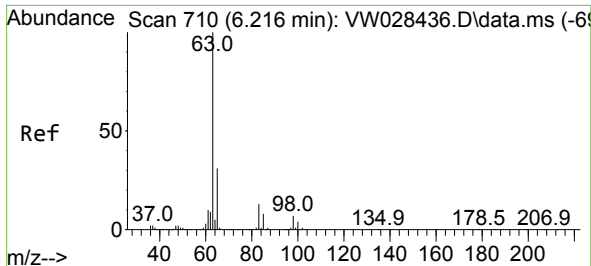
Tgt Ion: 96 Resp: 104523
Ion Ratio Lower Upper
96 100
61 153.6 108.4 201.4
98 61.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 27.157 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 73 Resp: 168265
Ion Ratio Lower Upper
73 100
43 23.7 18.5 27.7
57 23.4 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.873 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

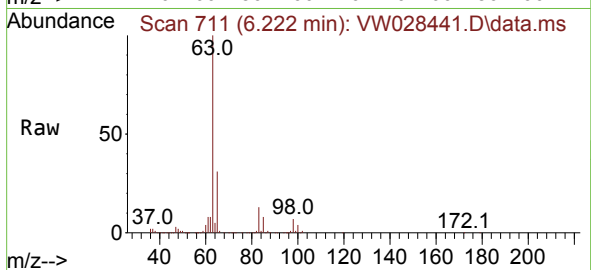
Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :



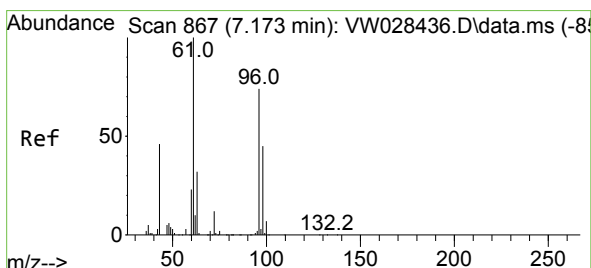
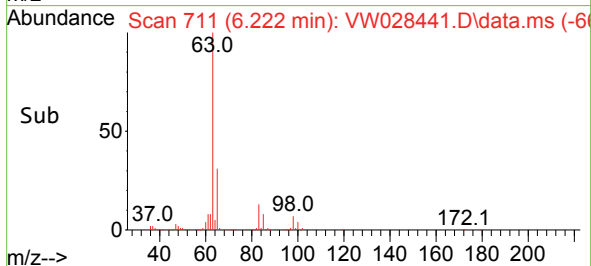
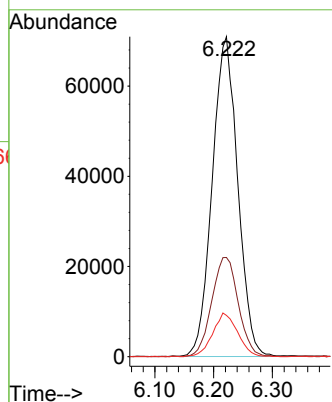
Tgt Ion: 63 Resp: 213464

Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.4

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.415 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

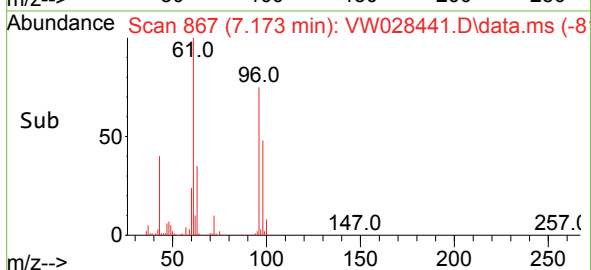
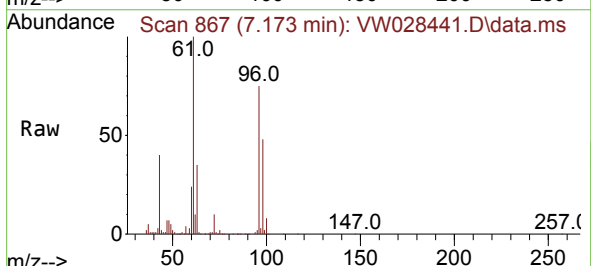
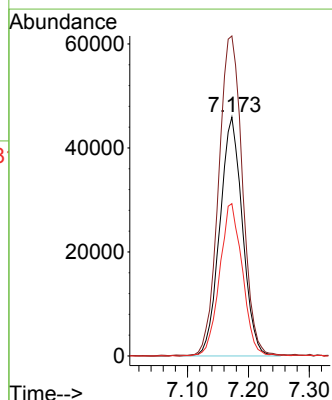
Tgt Ion: 96 Resp: 118814

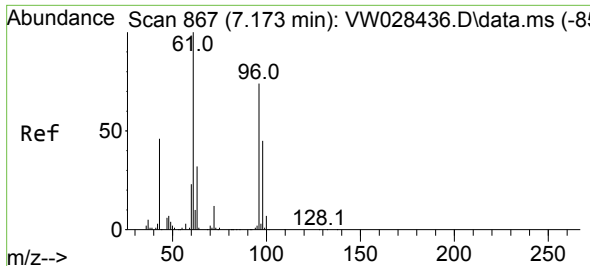
Ion Ratio Lower Upper

96 100

61 133.9 97.6 181.2

98 63.8 47.7 88.5

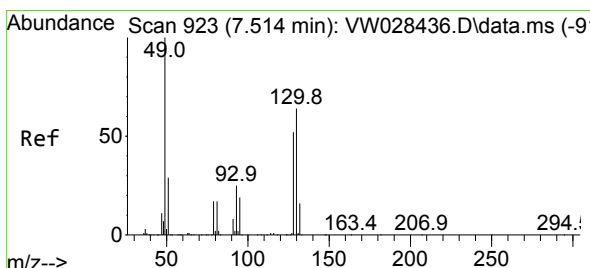
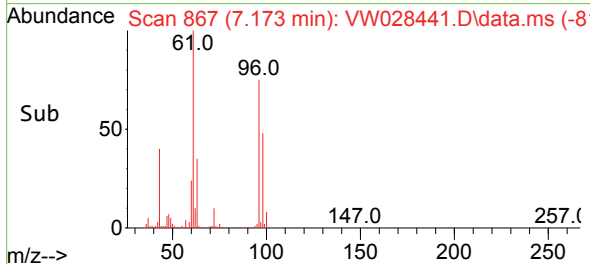
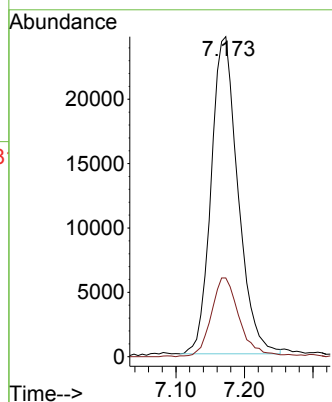
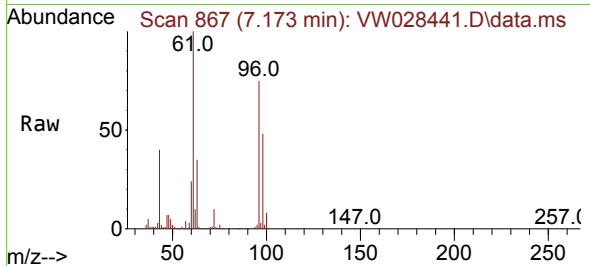




#22
2-Butanone
Concen: 47.508 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

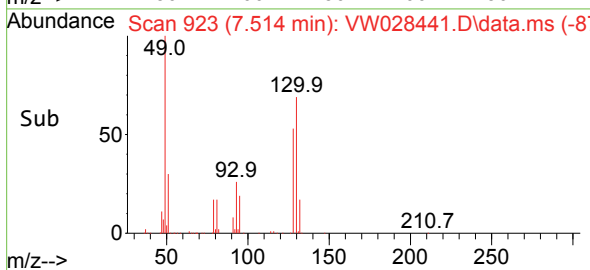
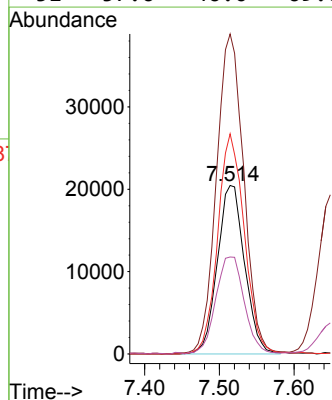
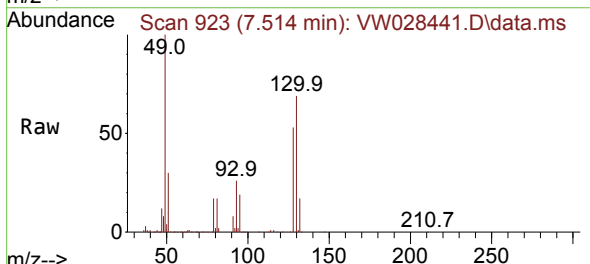
Instrument :
MSVOA_W
ClientSampleId :

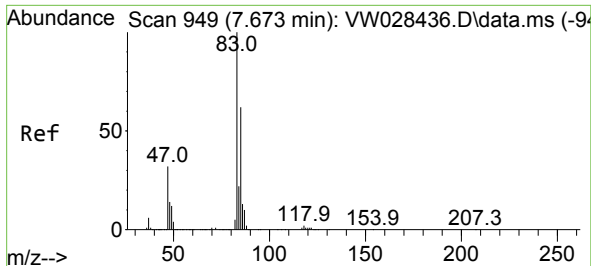
Tgt Ion: 43 Resp: 67012
Ion Ratio Lower Upper
43 100
72 26.0 12.8 38.4



#23
Bromochloromethane
Concen: 25.712 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion:128 Resp: 51775
Ion Ratio Lower Upper
128 100
49 189.8 127.1 236.0
130 130.6 78.3 145.5
51 57.6 46.0 69.0

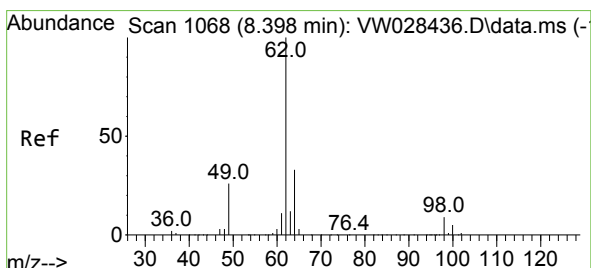
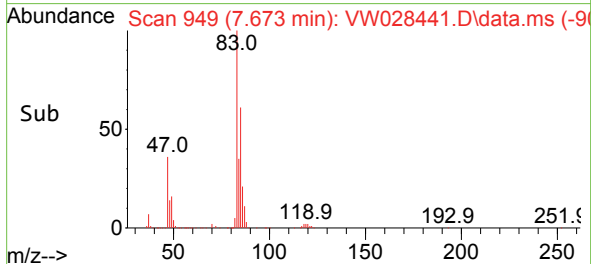
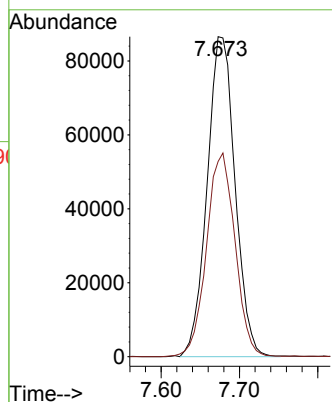
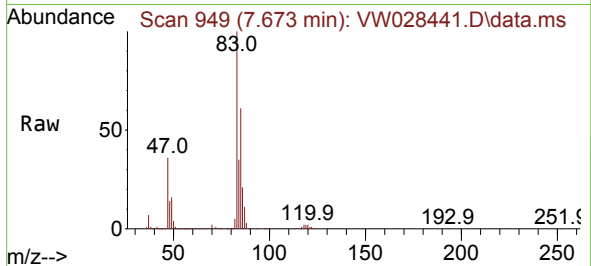




#25
Chloroform
Concen: 25.477 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

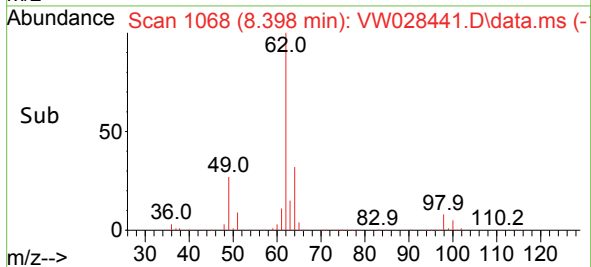
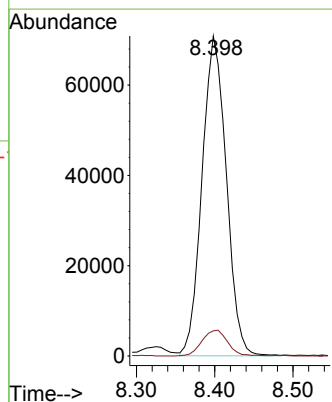
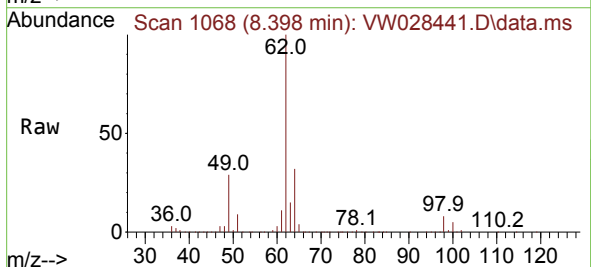
Instrument :
MSVOA_W
ClientSampleId :

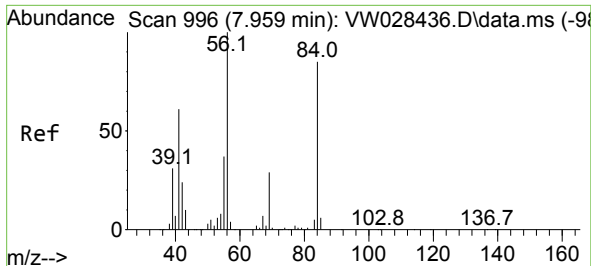
Tgt Ion: 83 Resp: 214780
Ion Ratio Lower Upper
83 100
85 61.0 47.7 88.7



#27
1,2-Dichloroethane
Concen: 26.217 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 62 Resp: 152549
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





#29

Cyclohexane

Concen: 24.034 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

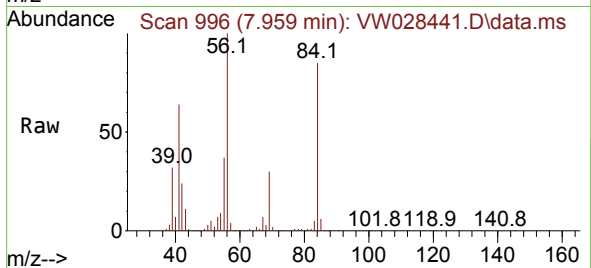
Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :



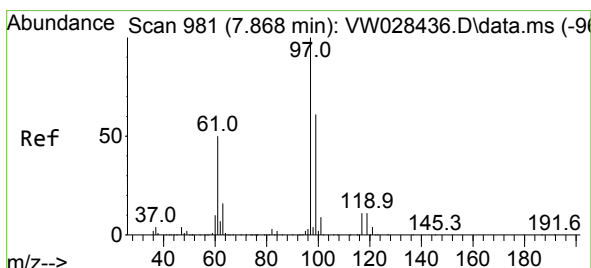
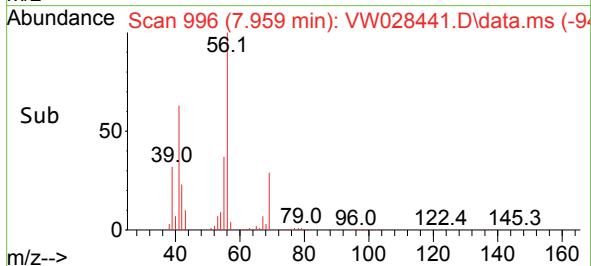
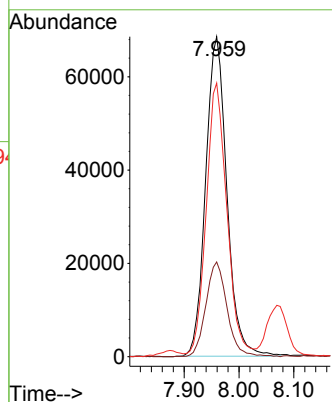
Tgt Ion: 56 Resp: 184009

Ion Ratio Lower Upper

56 100

69 29.1 23.8 35.6

84 83.2 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 24.285 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

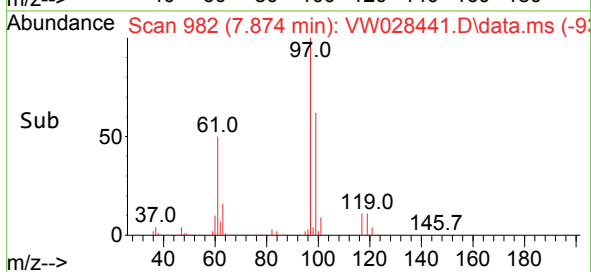
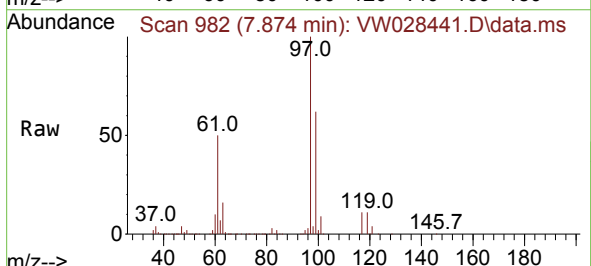
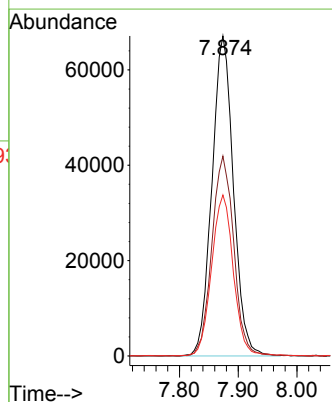
Tgt Ion: 97 Resp: 170714

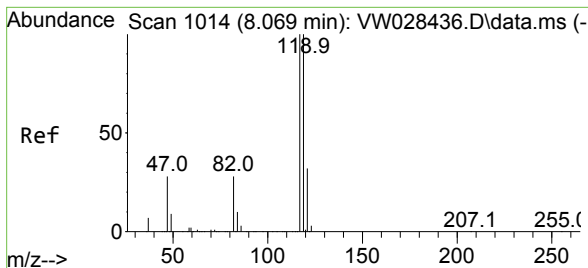
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.2

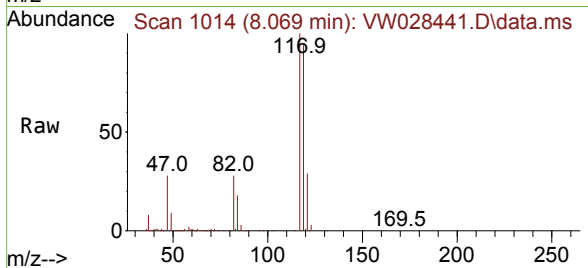
61 50.5 40.5 60.7



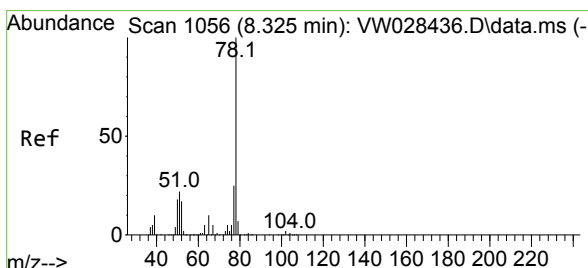
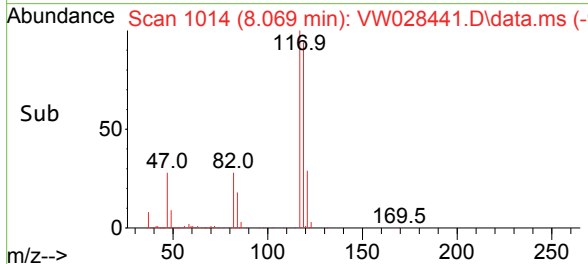
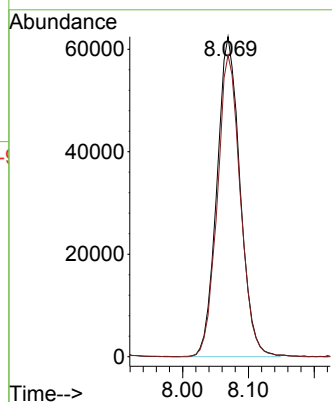


#31
Carbon tetrachloride
Concen: 24.551 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

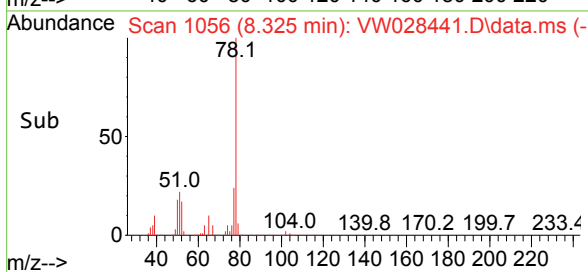
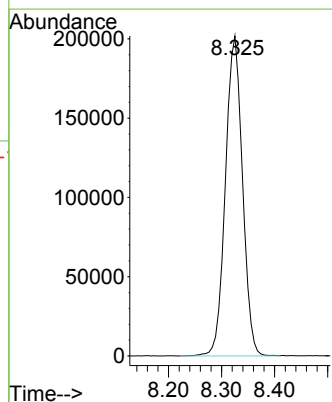
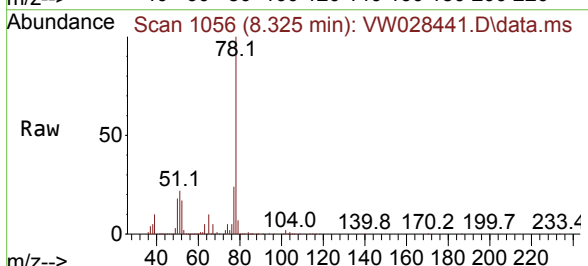


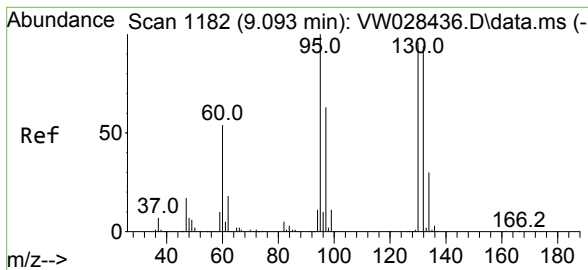
Tgt Ion:117 Resp: 153043
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.2



#33
Benzene
Concen: 24.898 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 78 Resp: 451213

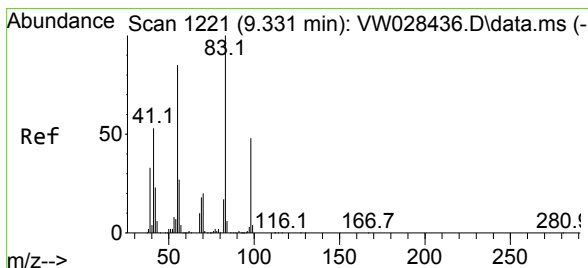
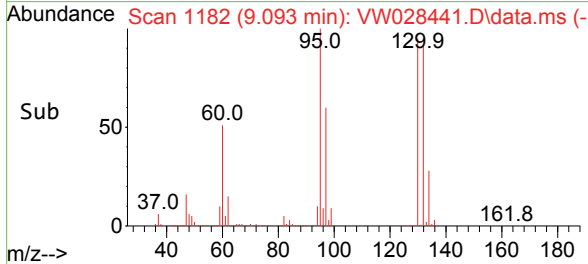
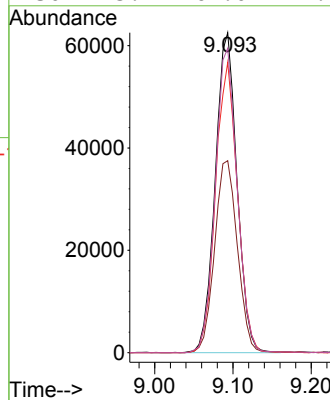
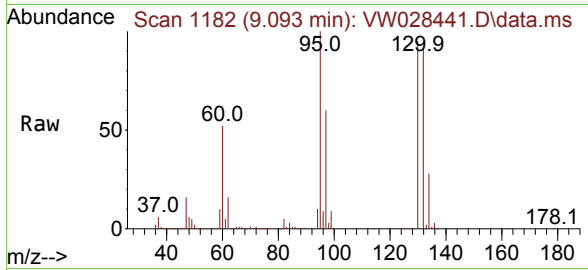




#34
Trichloroethene
Concen: 24.611 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

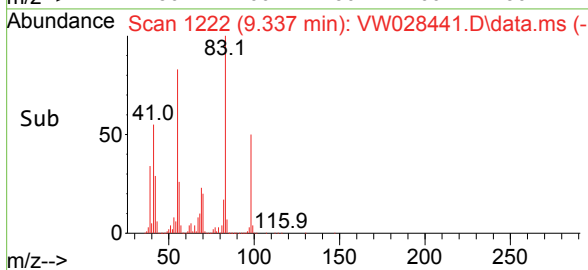
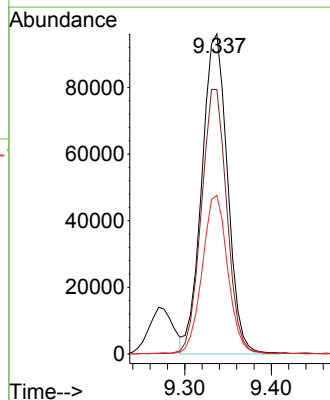
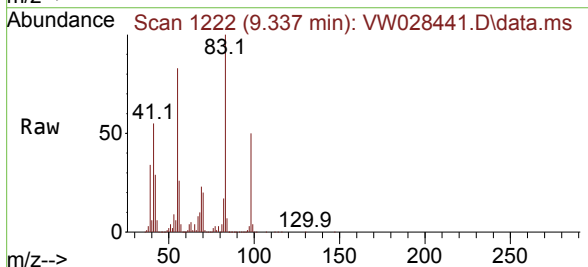
Instrument :
MSVOA_W
ClientSampleId :

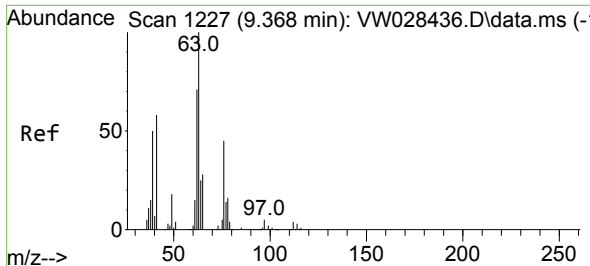
Tgt Ion: 95 Resp: 120871
Ion Ratio Lower Upper
95 100
97 60.0 43.8 81.4
132 90.7 66.1 122.8
130 95.2 67.0 124.4



#35
Methylcyclohexane
Concen: 23.668 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 83 Resp: 198356
Ion Ratio Lower Upper
83 100
55 81.9 65.7 98.5
98 48.7 38.6 58.0

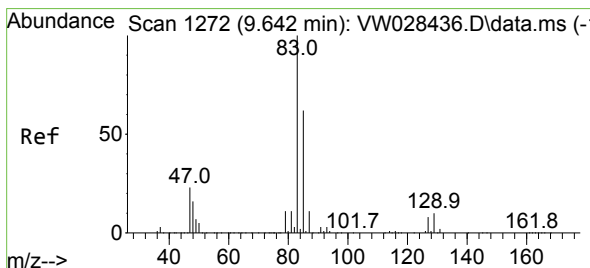
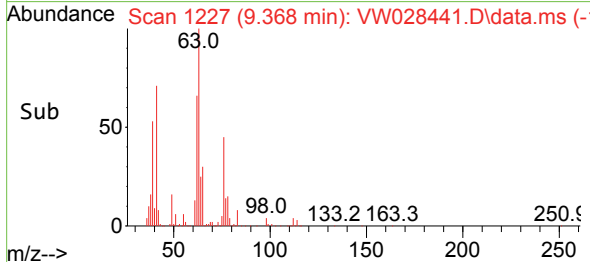
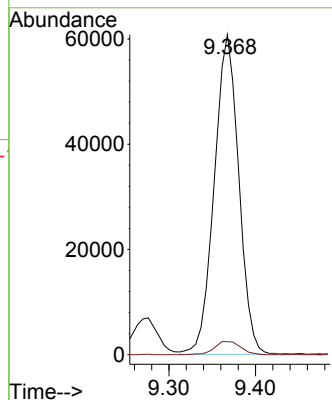
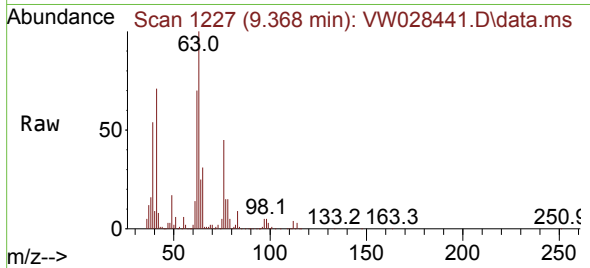




#37
1,2-Dichloropropane
Concen: 25.276 ug/L
RT: 9.368 min Scan# 119390
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

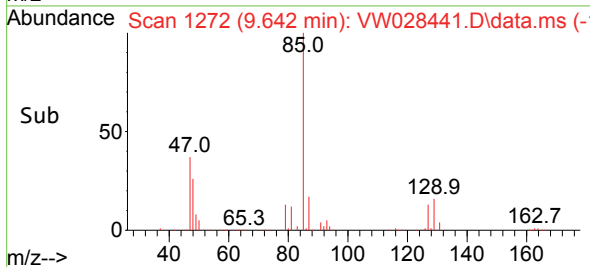
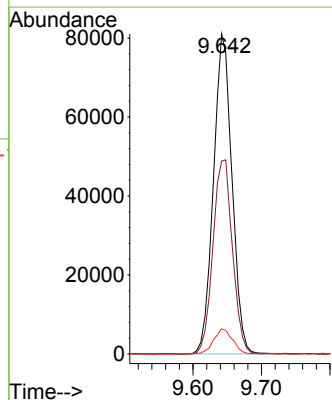
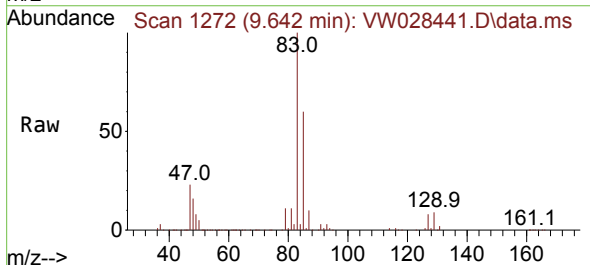
Instrument :
MSVOA_W
ClientSampleId :

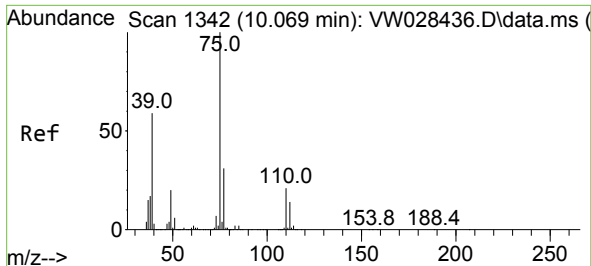
Tgt Ion: 63 Resp: 119390
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 25.976 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 83 Resp: 152082
Ion Ratio Lower Upper
83 100
85 60.3 43.1 80.1
127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.226 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

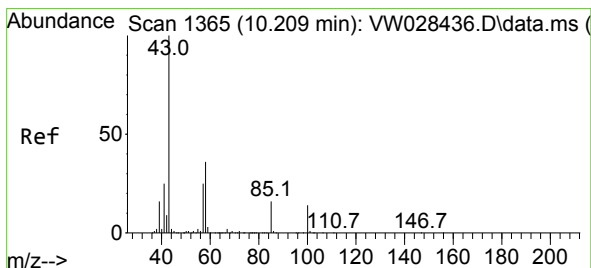
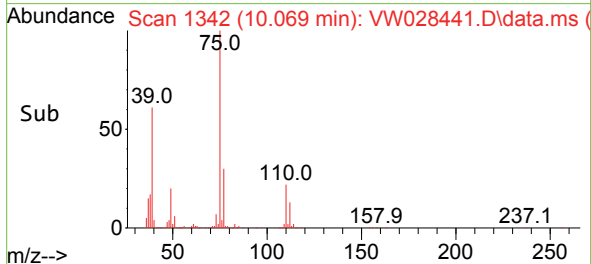
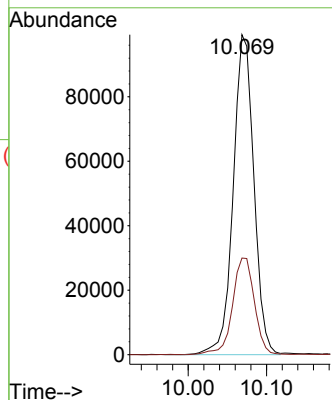
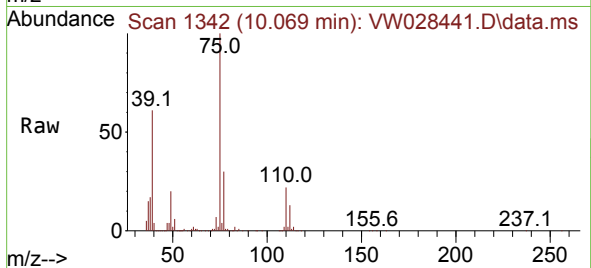
ClientSampleId :

Tgt Ion: 75 Resp: 181658

Ion Ratio Lower Upper

75 100

77 30.2 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 62.471 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

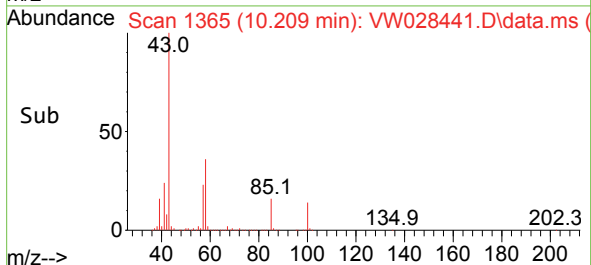
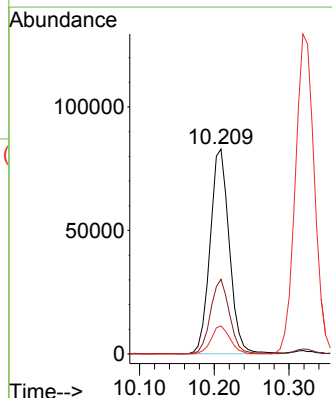
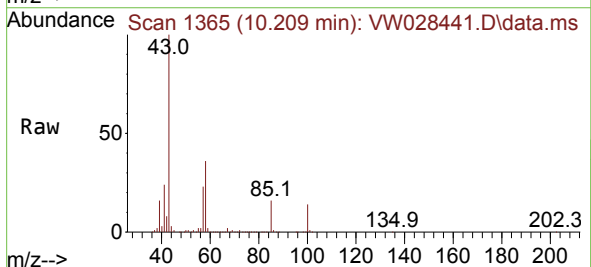
Tgt Ion: 43 Resp: 147714

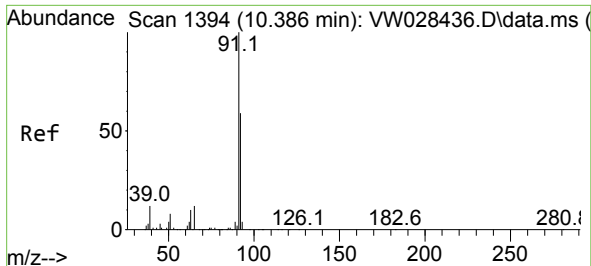
Ion Ratio Lower Upper

43 100

58 36.1 28.6 43.0

100 13.5 10.6 16.0

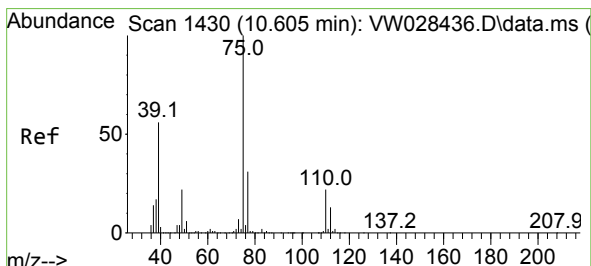
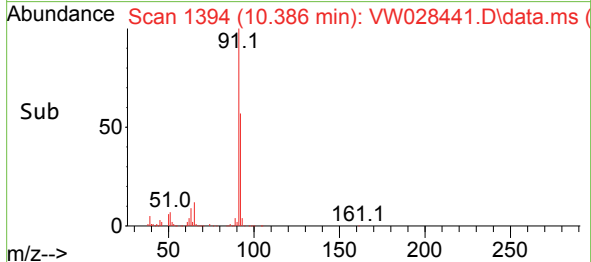
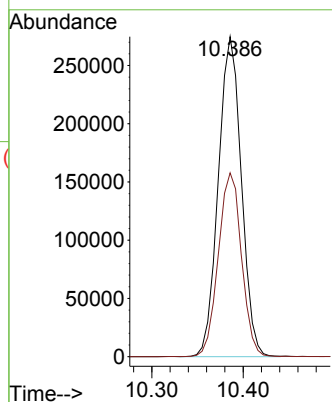
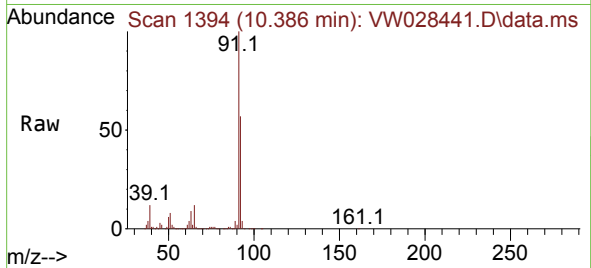




#42
Toluene
Concen: 25.072 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

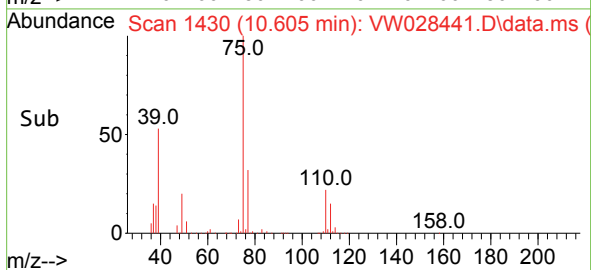
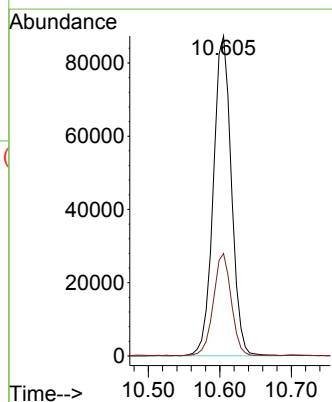
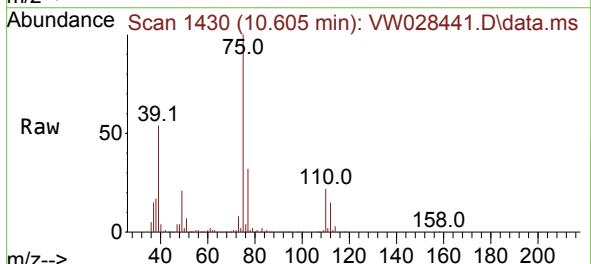
Instrument :
MSVOA_W
ClientSampleId :

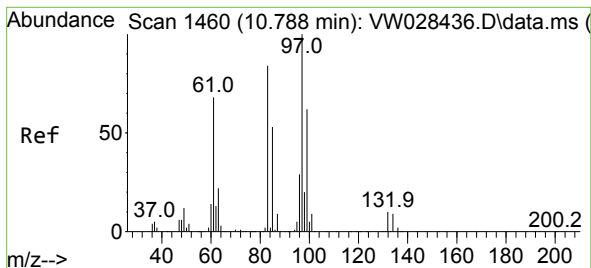
Tgt Ion: 91 Resp: 481349
Ion Ratio Lower Upper
91 100
92 57.5 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 27.322 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 75 Resp: 153100
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.182 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

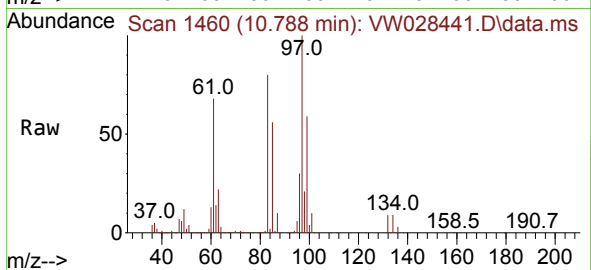
Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 83666

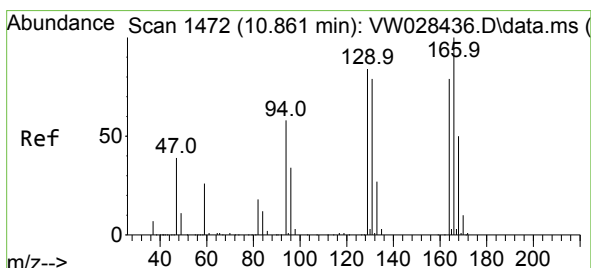
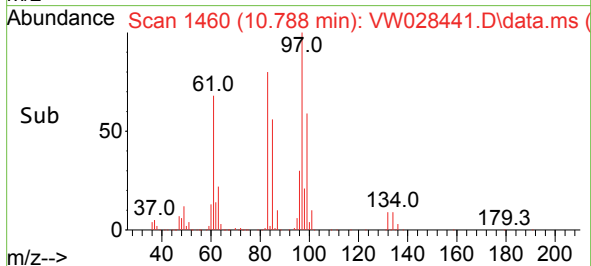
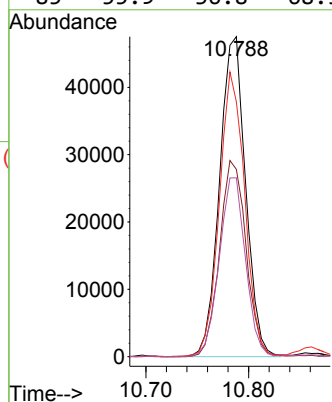
Ion Ratio Lower Upper

97 100

99 58.6 44.2 82.2

83 79.6 56.4 104.7

85 55.9 36.8 68.3



#46

Tetrachloroethene

Concen: 23.674 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Tgt Ion:164 Resp: 86846

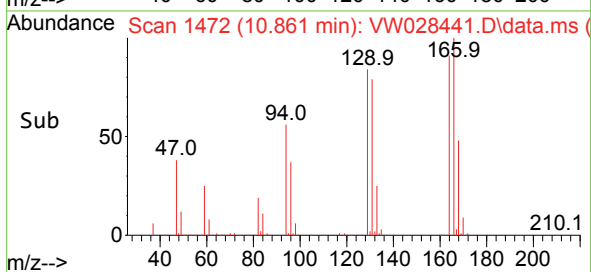
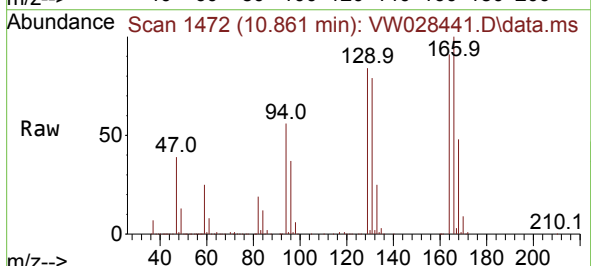
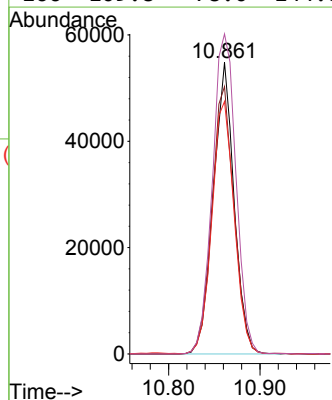
Ion Ratio Lower Upper

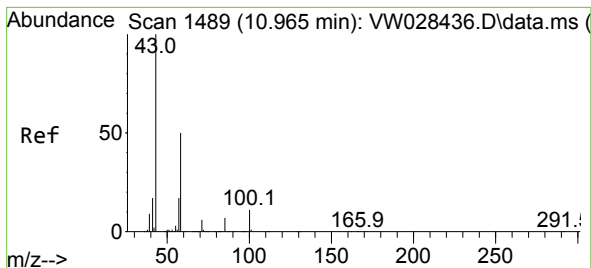
164 100

129 91.7 59.7 110.9

131 86.6 58.2 108.2

166 109.8 78.0 144.8





#48

2-Hexanone

Concen: 54.661 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

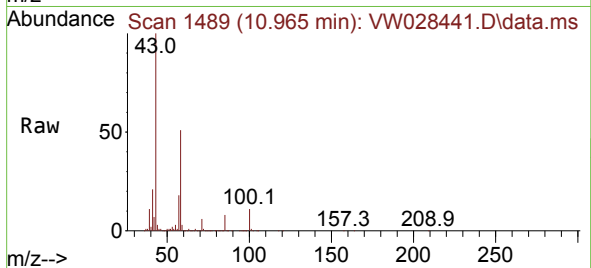
Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 102592

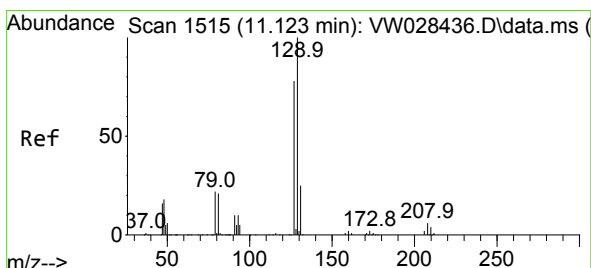
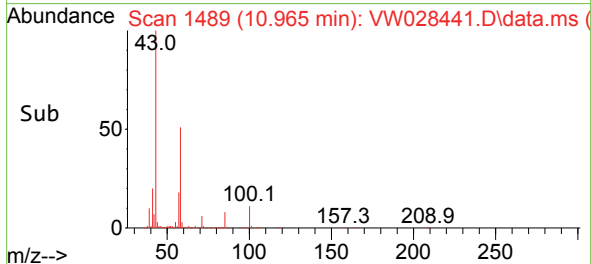
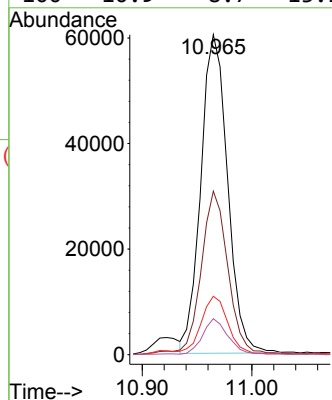
Ion Ratio Lower Upper

43 100

58 50.8 38.9 58.3

57 18.3 14.4 21.6

100 10.9 8.7 13.1



#49

Dibromochloromethane

Concen: 27.426 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028441.D

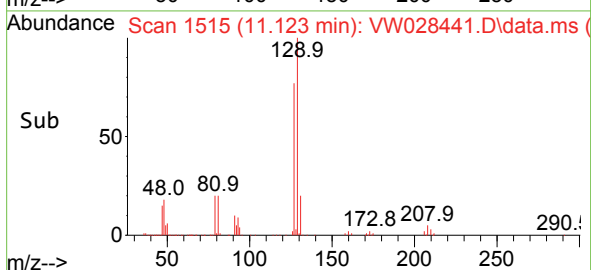
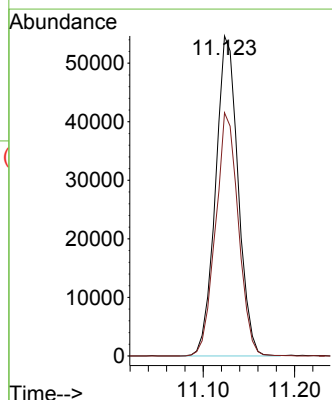
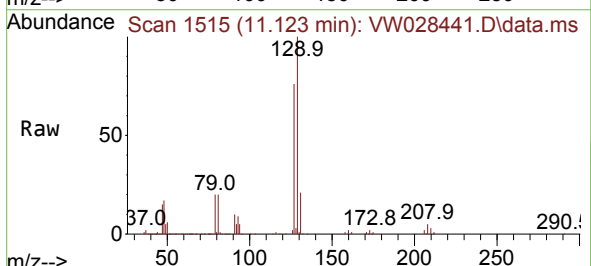
Acq: 15 Apr 2024 14:12

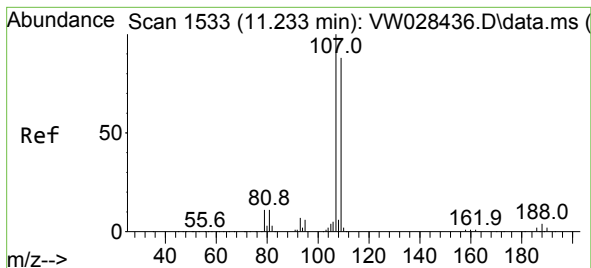
Tgt Ion: 129 Resp: 93675

Ion Ratio Lower Upper

129 100

127 76.0 53.0 98.4





#50

1,2-Dibromoethane

Concen: 27.145 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min MSVOA_W

Lab File: VW028441.D

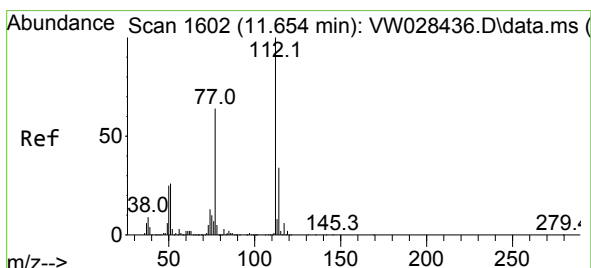
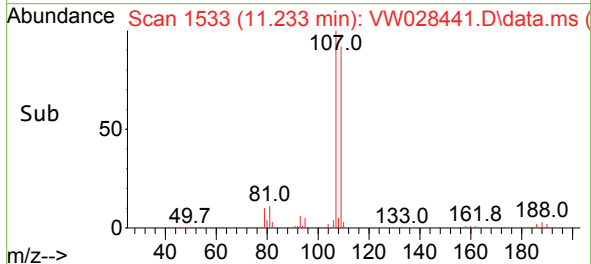
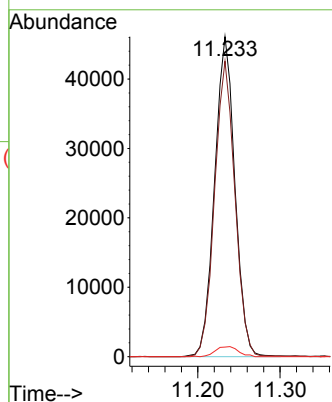
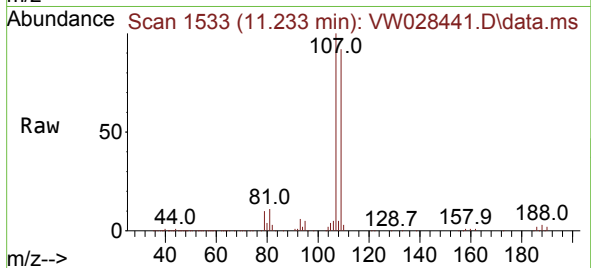
Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	79172
Ion Ratio	Lower	Upper	
107	100		
109	92.4	62.1	115.3
188	3.0	3.2	4.8#



#51

Chlorobenzene

Concen: 25.023 ug/L

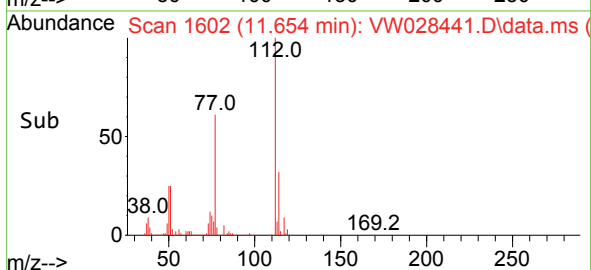
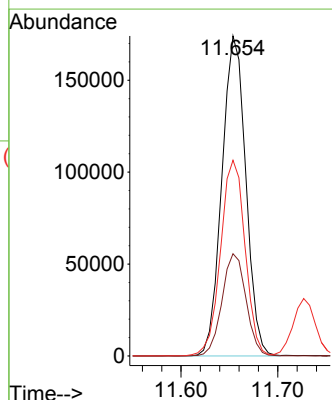
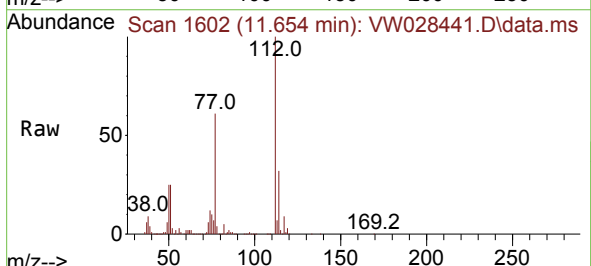
RT: 11.654 min Scan# 1602

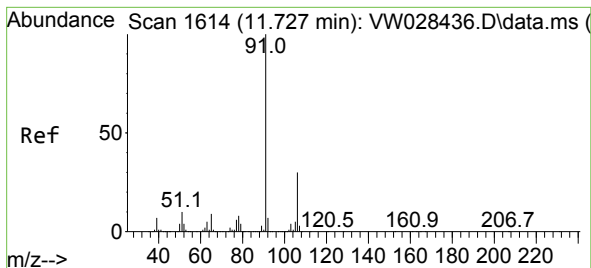
Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Tgt Ion:	112	Resp:	298614
Ion Ratio	Lower	Upper	
112	100		
114	32.0	22.3	41.3
77	61.1	51.8	77.8

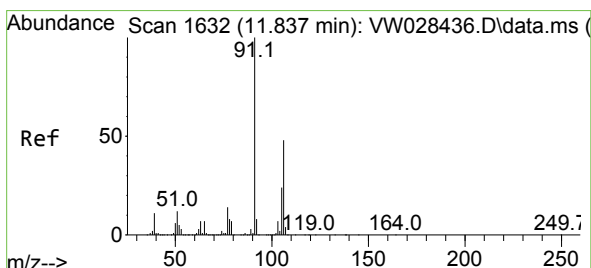
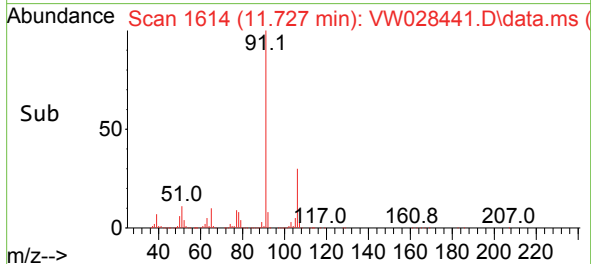
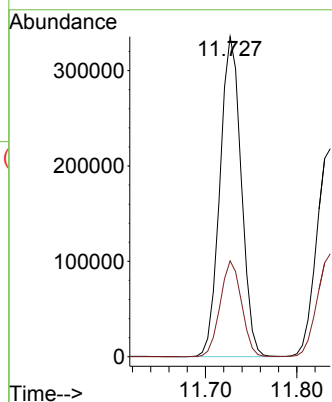
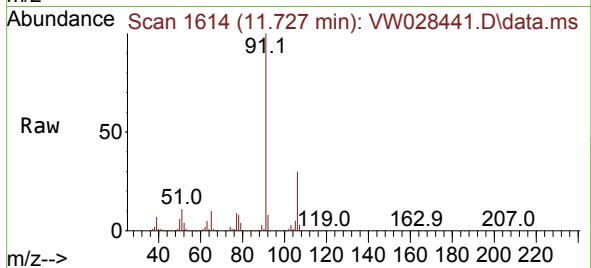




#52
Ethylbenzene
Concen: 25.008 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

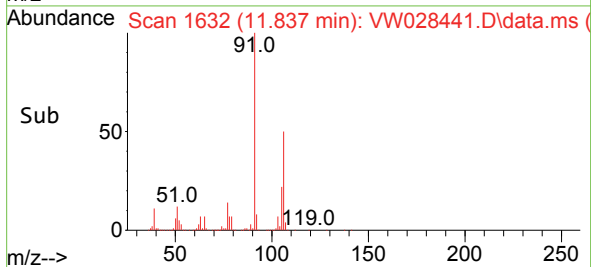
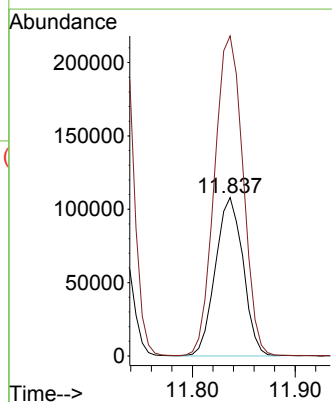
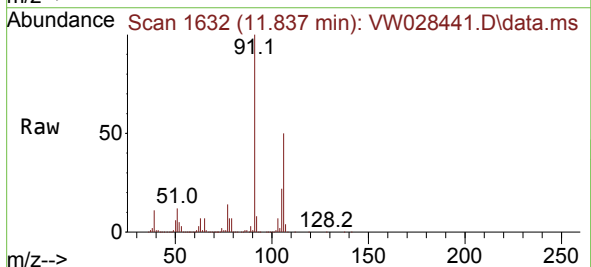
Instrument :
MSVOA_W
ClientSampleId :

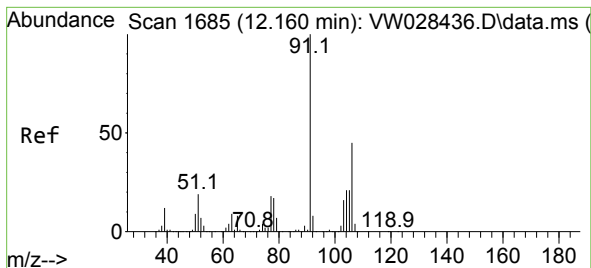
Tgt Ion: 91 Resp: 544267
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 24.980 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion:106 Resp: 202176
Ion Ratio Lower Upper
106 100
91 202.0 152.4 283.0





#54

o-Xylene

Concen: 25.652 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

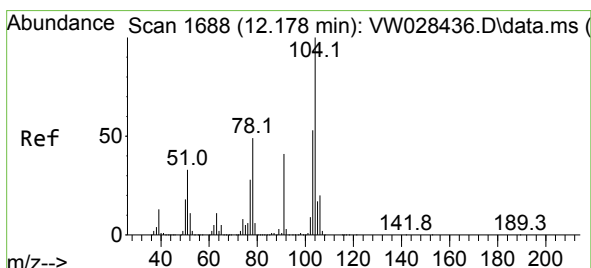
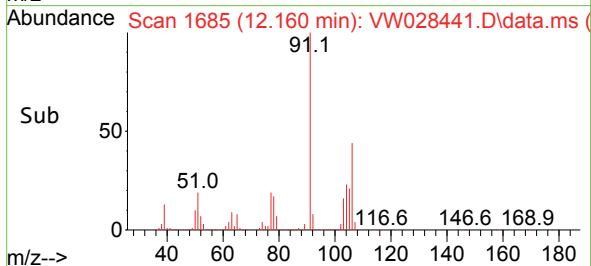
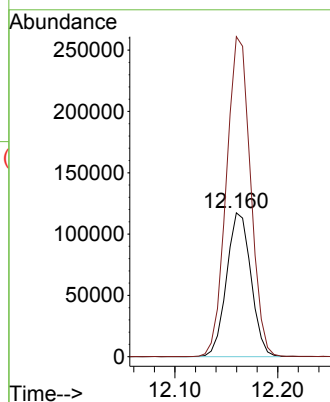
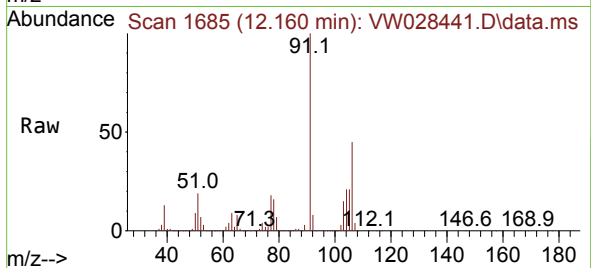
ClientSampleId :

Tgt Ion:106 Resp: 193308

Ion Ratio Lower Upper

106 100

91 222.6 152.9 283.9



#55

Styrene

Concen: 25.919 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028441.D

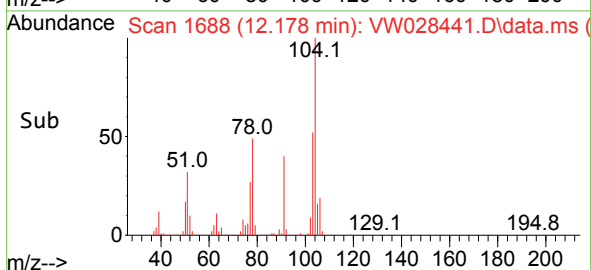
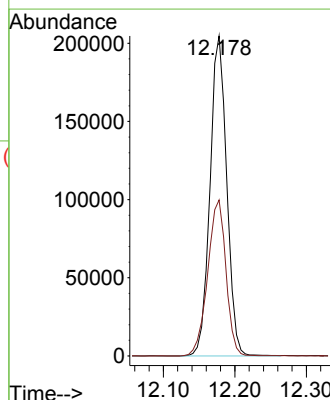
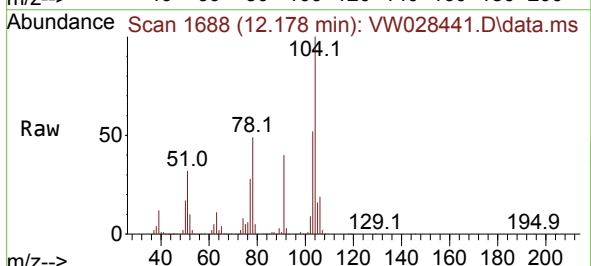
Acq: 15 Apr 2024 14:12

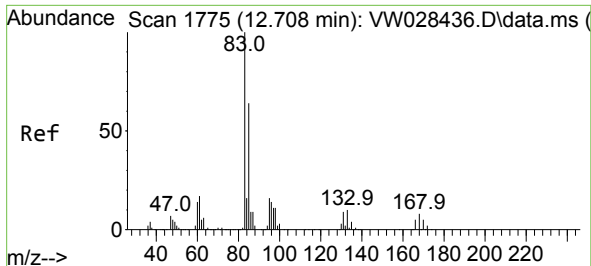
Tgt Ion:104 Resp: 332432

Ion Ratio Lower Upper

104 100

78 48.8 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.575 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028441.D

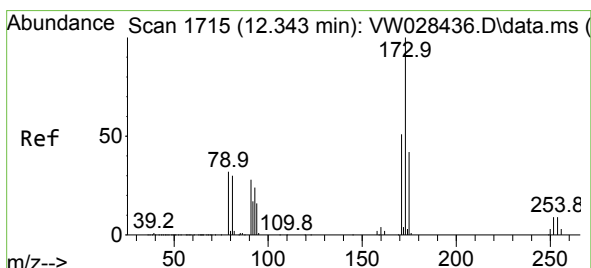
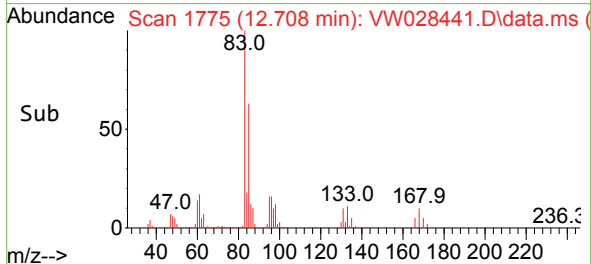
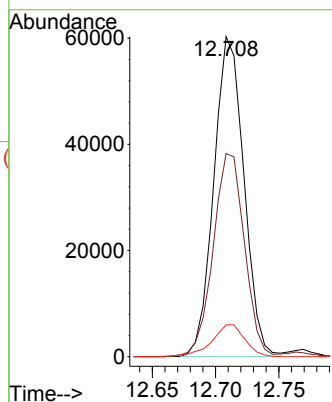
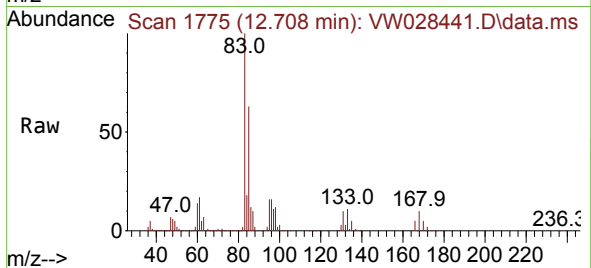
Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 99722
Ion Ratio	Lower Upper
83 100	
85 63.5	43.4 80.6
131 9.9	8.0 12.0



#59

Bromoform

Concen: 28.209 ug/L

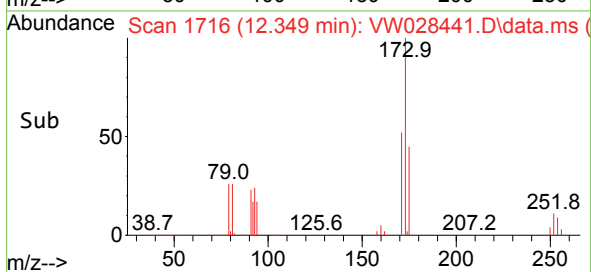
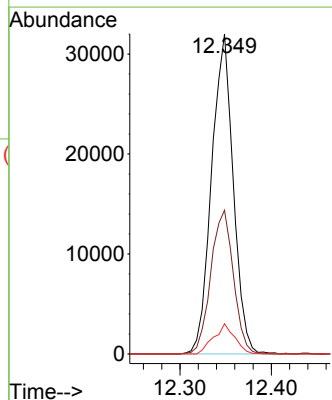
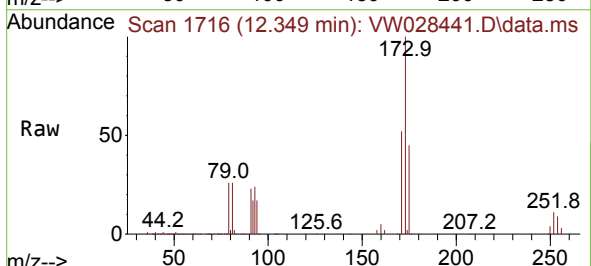
RT: 12.349 min Scan# 1716

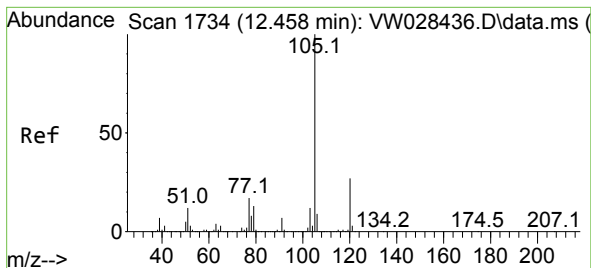
Delta R.T. 0.006 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

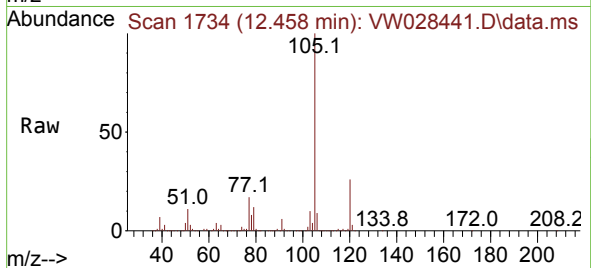
Tgt Ion: 173	Resp: 52678
Ion Ratio	Lower Upper
173 100	
175 46.8	39.2 58.8
254 9.2	8.3 12.5



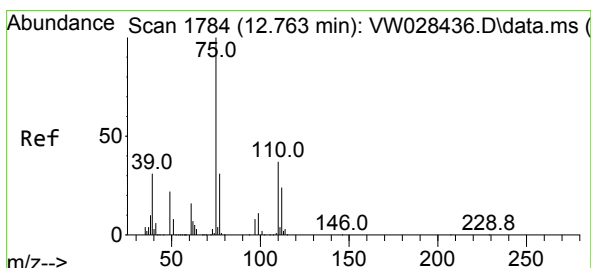
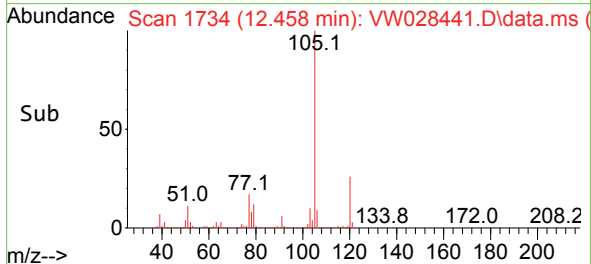
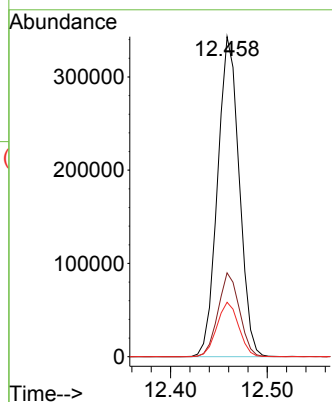


#60
Isopropylbenzene
Concen: 25.121 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

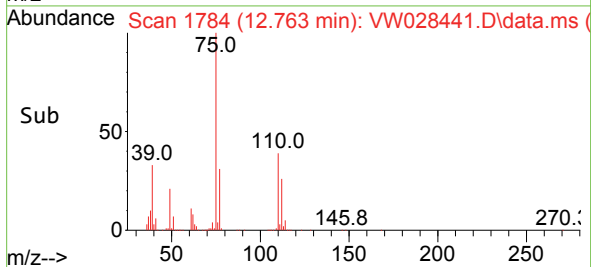
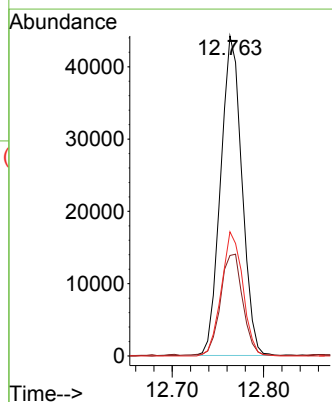
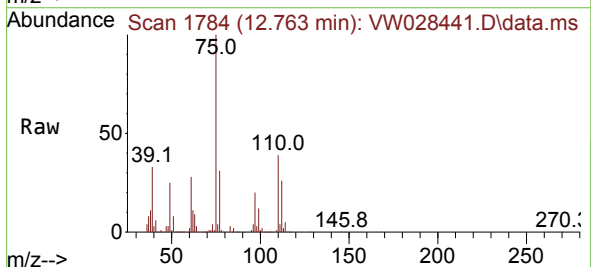


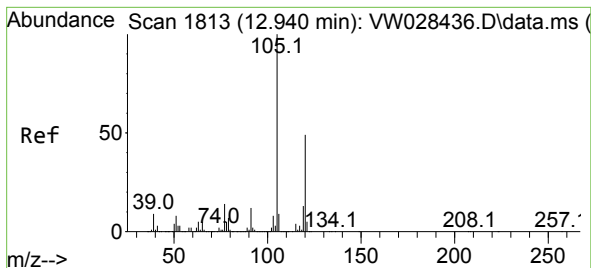
Tgt Ion:105 Resp: 532790
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 17.1 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 27.758 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion: 75 Resp: 71797
Ion Ratio Lower Upper
75 100
77 33.6 26.1 39.1
110 39.0 30.6 46.0

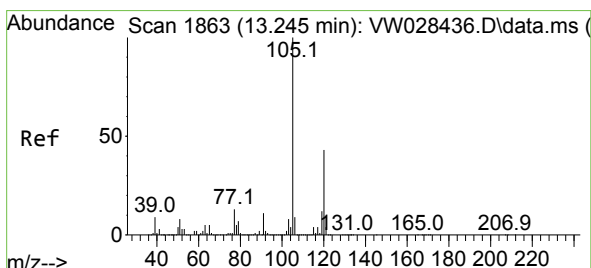
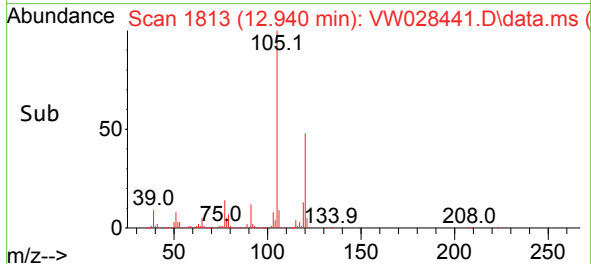
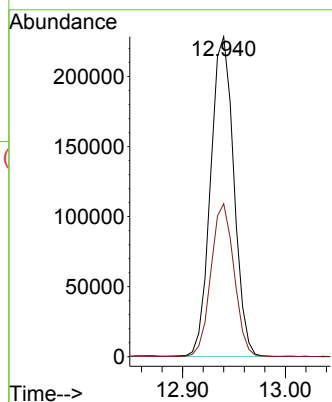
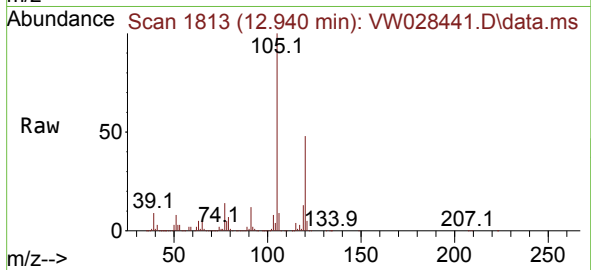




#62
 1,3,5-Trimethylbenzene
 Concen: 26.475 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12

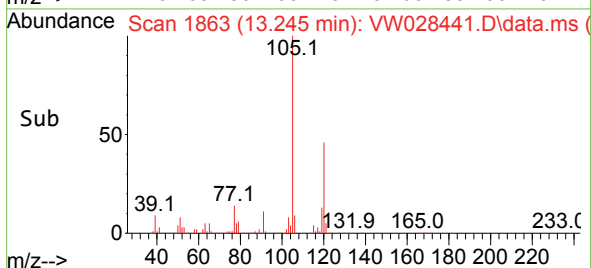
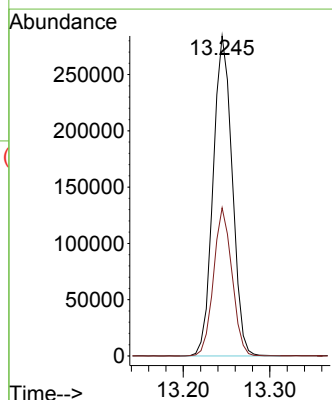
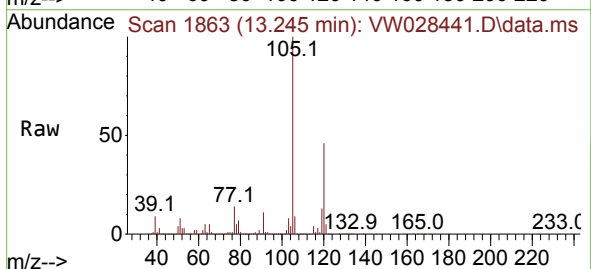
Instrument :
 MSVOA_W
 ClientSampleId :

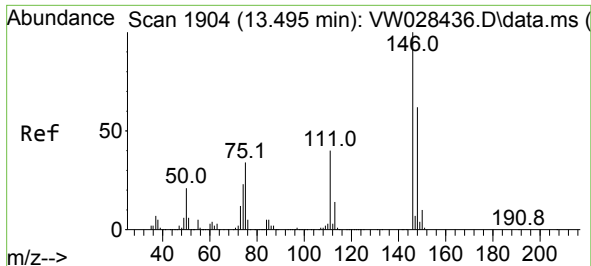
Tgt Ion:105 Resp: 357895
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 26.760 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12

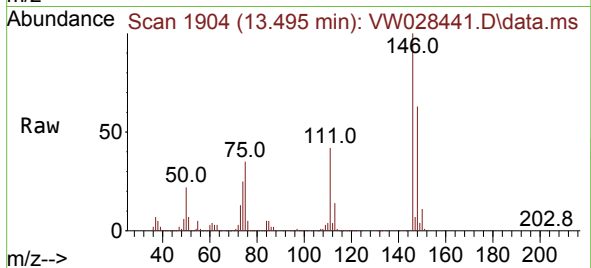
Tgt Ion:105 Resp: 435338
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.4 53.0



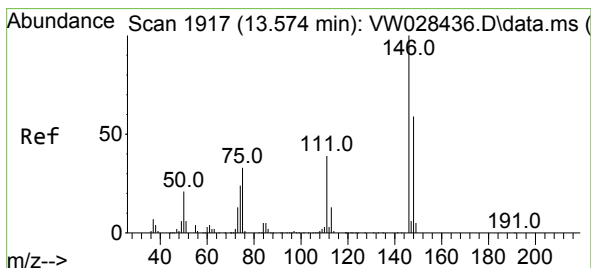
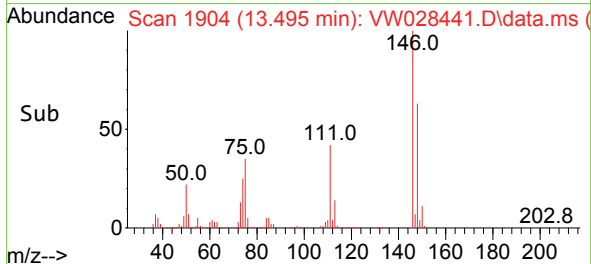
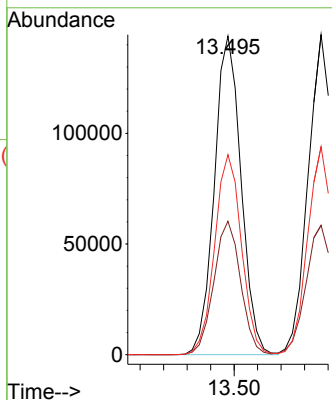


#64
1,3-Dichlorobenzene
Concen: 25.273 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

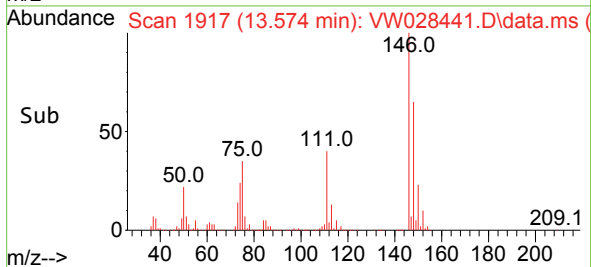
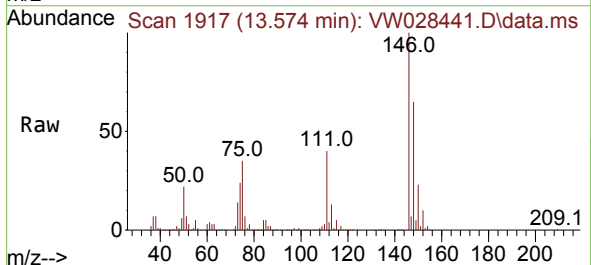
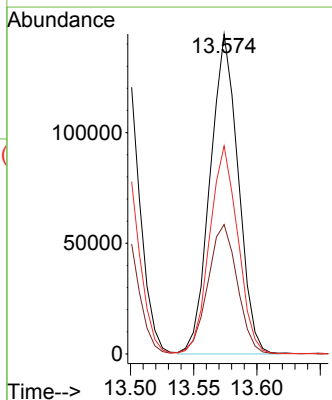


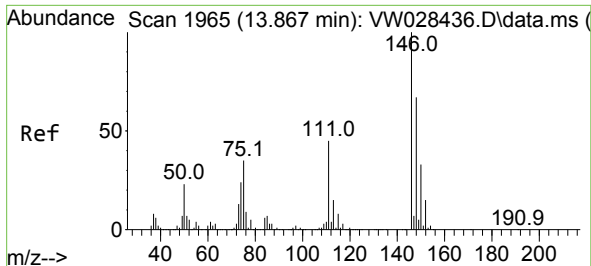
Tgt Ion:146 Resp: 227443
Ion Ratio Lower Upper
146 100
111 41.9 29.8 55.3
148 62.8 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 24.390 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028441.D
Acq: 15 Apr 2024 14:12

Tgt Ion:146 Resp: 223273
Ion Ratio Lower Upper
146 100
111 40.4 30.3 56.3
148 65.0 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 26.166 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

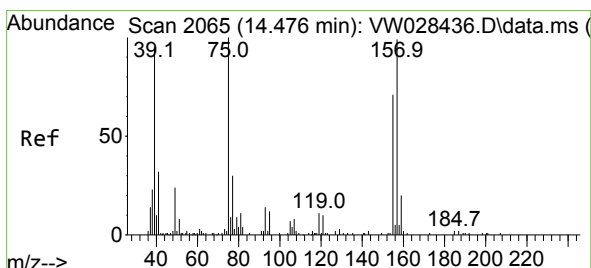
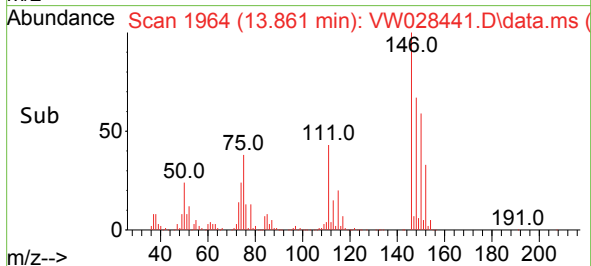
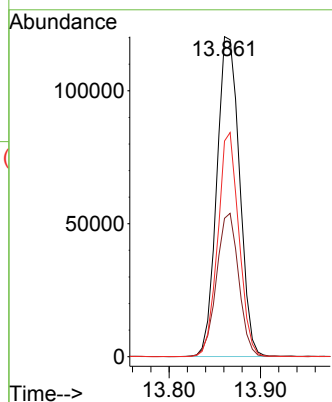
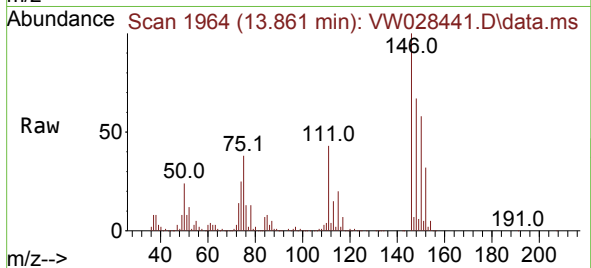
Tgt Ion:146 Resp: 207131

Ion Ratio Lower Upper

146 100

111 43.3 31.4 47.2

148 67.4 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.930 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

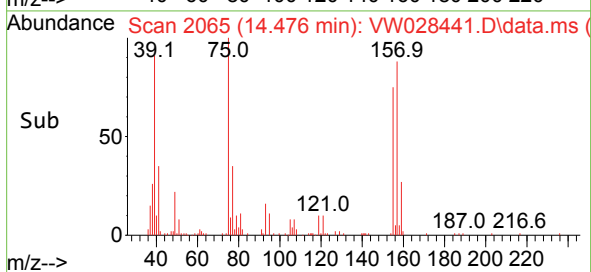
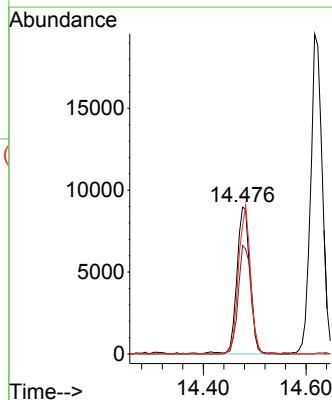
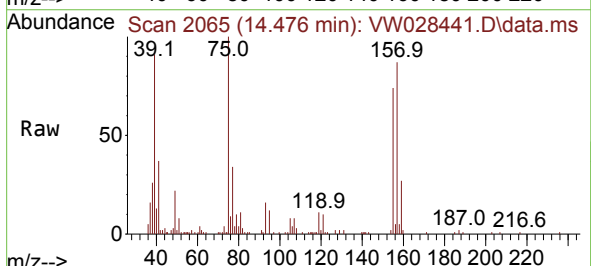
Tgt Ion: 75 Resp: 15961

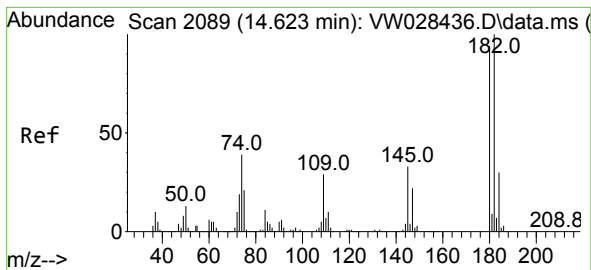
Ion Ratio Lower Upper

75 100

155 73.9 61.2 91.8

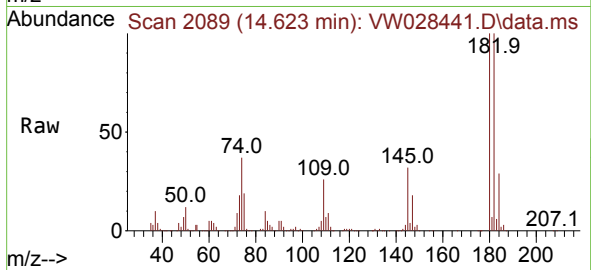
157 87.2 73.3 109.9



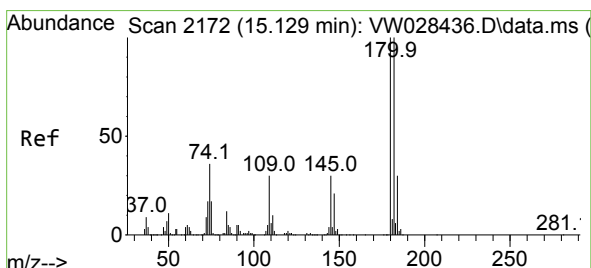
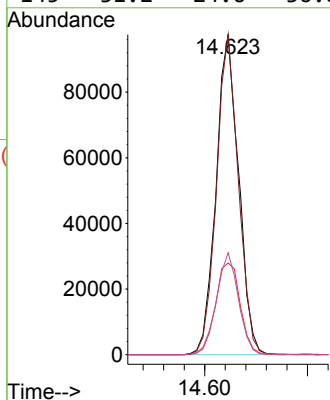
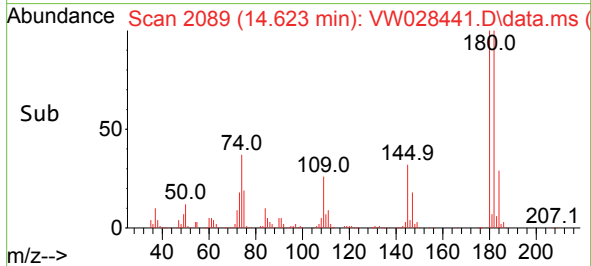


#69
 1,3,5-Trichlorobenzene
 Concen: 23.946 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12

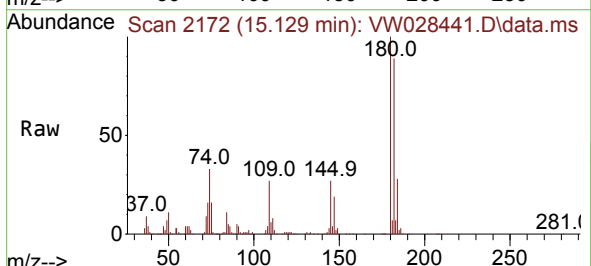
Instrument :
 MSVOA_W
 ClientSampleId :



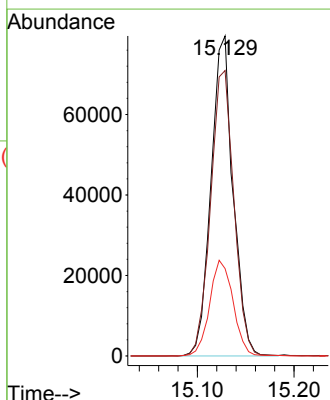
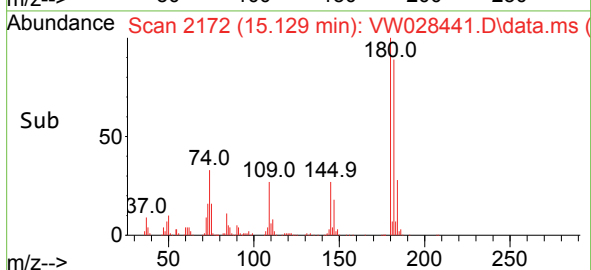
Tgt Ion:180 Resp: 148288
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.4 116.0
 184 31.4 24.8 37.2
 145 31.2 24.6 36.8

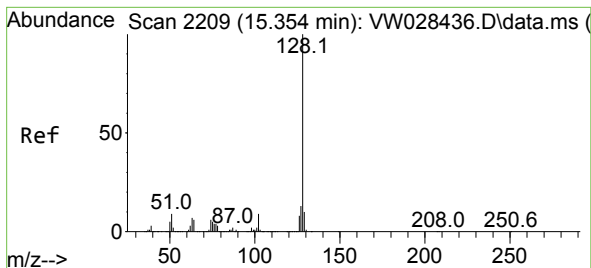


#70
 1,2,4-trichlorobenzene
 Concen: 26.086 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW028441.D
 Acq: 15 Apr 2024 14:12



Tgt Ion:180 Resp: 126149
 Ion Ratio Lower Upper
 180 100
 182 94.2 71.5 107.3
 145 31.9 23.5 35.3





#71

Naphthalene

Concen: 29.972 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

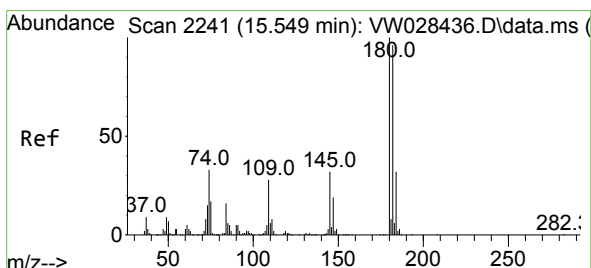
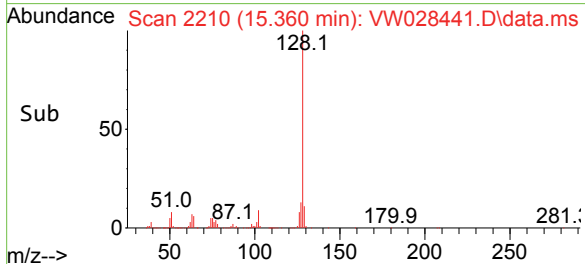
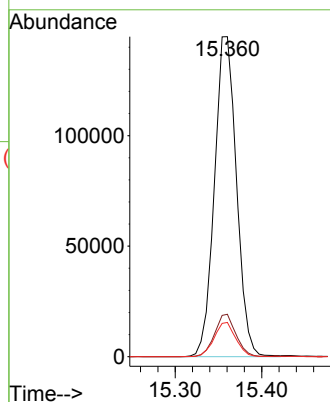
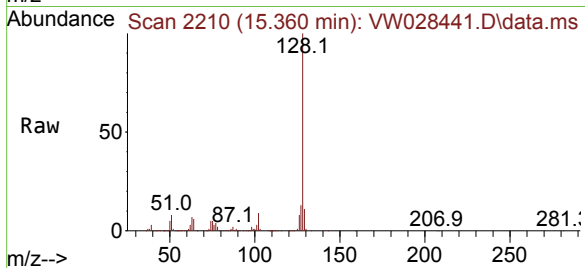
Tgt Ion:128 Resp: 256515

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.293 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028441.D

Acq: 15 Apr 2024 14:12

Tgt Ion:180 Resp: 104247

Ion Ratio Lower Upper

180 100

182 99.0 75.7 113.5

145 35.8 26.2 39.4

