

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
 Data File : VW028949.D
 Acq On : 31 May 2024 17:37
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 01 00:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:30:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	126716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	97436	20.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
7) Chloroethane-d5	2.899	69	81819	22.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	4.021	65	43282	21.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.240%
21) 2-Butanone-d5	7.075	46	58836	46.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.880%
24) Chloroform-d	7.648	84	216132	27.338	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	8.306	65	115468	25.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.040%
32) Benzene-d6	8.276	84	406129	25.074	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.280%
36) 1,2-Dichloropropane-d6	9.276	67	127053	26.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	10.318	98	365706	25.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	10.574	79	49222	25.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.400%
47) 2-Hexanone-d5	10.922	63	42486	50.541	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103721	25.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	119810	24.807	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	66727	18.148	ug/L	98
3) Chloromethane	2.222	50	88472	19.423	ug/L	95
5) Vinyl chloride	2.375	62	104148	20.309	ug/L	99
6) Bromomethane	2.789	94	63836	21.518	ug/L	98
8) Chloroethane	2.935	64	66873	22.865	ug/L	100
9) Trichlorofluoromethane	3.265	101	80628	19.150	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	85745	22.089	ug/L #	89
12) 1,1-Dichloroethene	4.039	96	83462	23.969	ug/L	90
13) Acetone	4.118	43	49104	43.062	ug/L	95
14) Carbon disulfide	4.392	76	223220	18.968	ug/L	99
15) Methyl Acetate	4.679	43	44078	22.218	ug/L	100
16) Methylene chloride	4.923	84	102895	26.295	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	91192	25.155	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	146942	27.466	ug/L	98
19) 1,1-Dichloroethane	6.221	63	198247	27.577	ug/L	96
20) cis-1,2-Dichloroethene	7.172	96	105211	27.731	ug/L	95
22) 2-Butanone	7.166	43	61996	42.357	ug/L	97
23) Bromochloromethane	7.520	128	46295	27.973	ug/L	85
25) Chloroform	7.678	83	194546	27.979	ug/L	93

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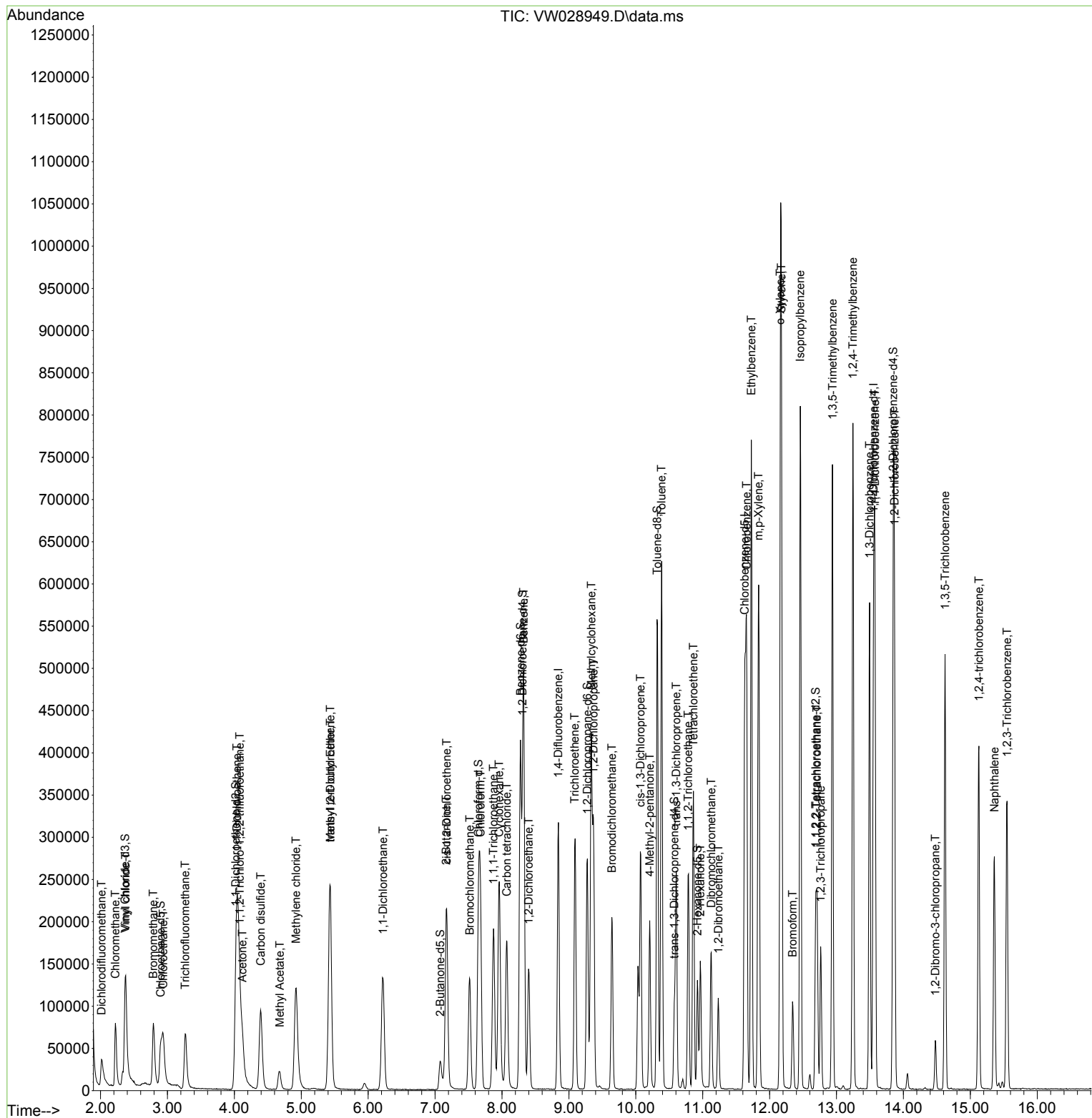
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133414	26.395	ug/L	99
29) Cyclohexane	7.959	56	138562	20.018	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151928	24.974	ug/L	98
31) Carbon tetrachloride	8.069	117	135650	24.456	ug/L	97
33) Benzene	8.325	78	414832	26.352	ug/L	100
34) Trichloroethene	9.087	95	103877	24.611	ug/L	98
35) Methylcyclohexane	9.337	83	157426	21.343	ug/L	98
37) 1,2-Dichloropropane	9.367	63	112243	27.363	ug/L	100
38) Bromodichloromethane	9.642	83	137128	27.424	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	165134	28.087	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	130993	46.920	ug/L	99
42) Toluene	10.385	91	443332	27.266	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	135714	27.377	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	78283	26.344	ug/L	96
46) Tetrachloroethene	10.861	164	75290	24.759	ug/L	97
48) 2-Hexanone	10.964	43	96136	48.775	ug/L	100
49) Dibromochloromethane	11.129	129	83451	27.998	ug/L	98
50) 1,2-Dibromoethane	11.233	107	71072	25.533	ug/L	98
51) Chlorobenzene	11.653	112	275370	27.380	ug/L	99
52) Ethylbenzene	11.727	91	499737	27.159	ug/L	97
53) m,p-Xylene	11.836	106	183972	27.276	ug/L	99
54) o-Xylene	12.159	106	179266	28.730	ug/L	96
55) Styrene	12.178	104	319935	30.260	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	95259	25.551	ug/L	98
59) Bromoform	12.342	173	45122	24.408	ug/L	100
60) Isopropylbenzene	12.458	105	500471	26.033	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70219	22.930	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	371699	27.327	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	398840	27.214	ug/L	95
64) 1,3-Dichlorobenzene	13.494	146	212850	26.615	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	217985	26.660	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	195276	27.281	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14996	20.944	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	146593	27.316	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	121229	27.957	ug/L	99
71) Naphthalene	15.360	128	230154	24.912	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	104561	26.723	ug/L	96

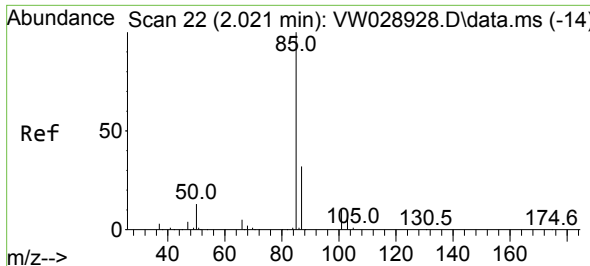
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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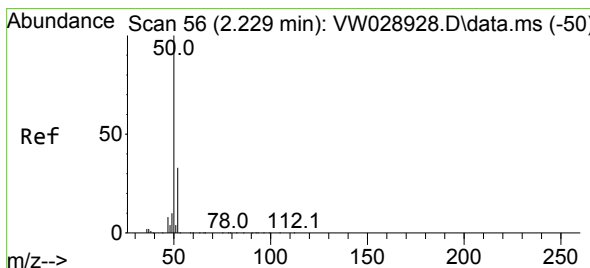
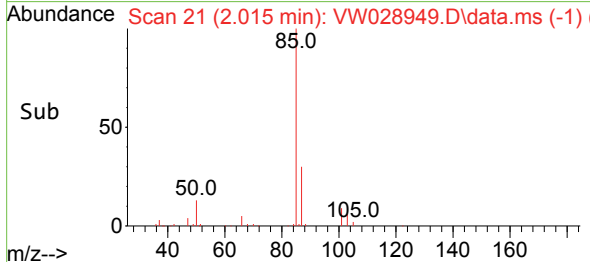
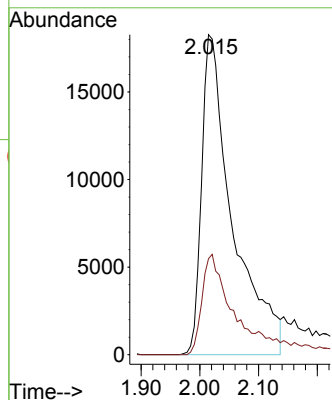
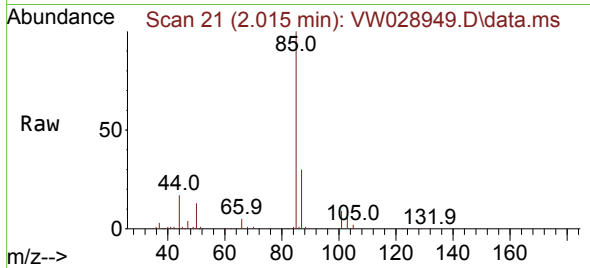




#2
Dichlorodifluoromethane
Concen: 18.148 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

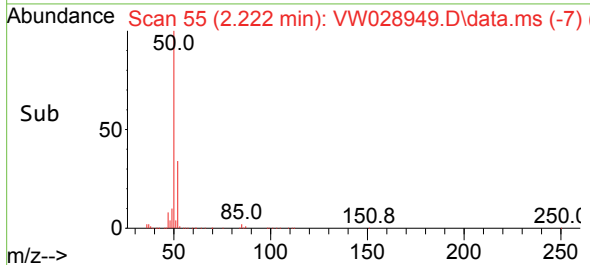
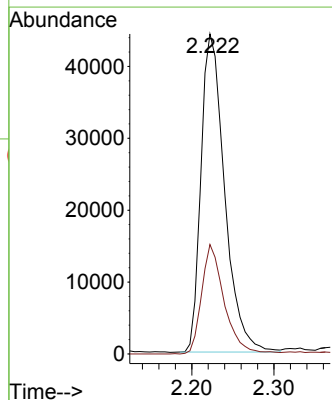
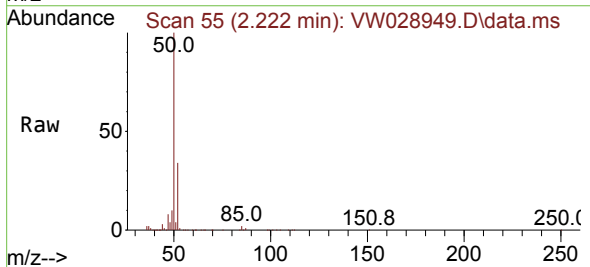
Instrument :
MSVOA_W
ClientSampleId :

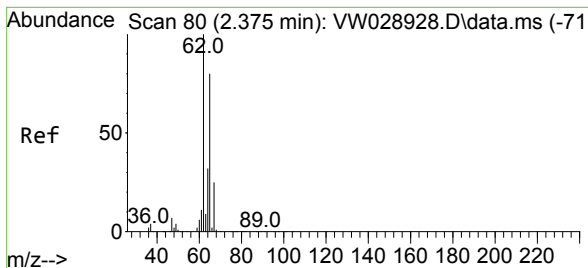
Tgt Ion: 85 Resp: 66727
Ion Ratio Lower Upper
85 100
87 28.2 21.9 32.9



#3
Chloromethane
Concen: 19.423 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

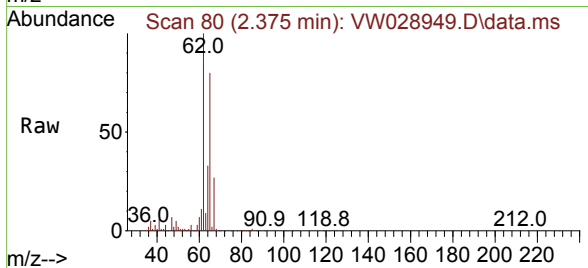
Tgt Ion: 50 Resp: 88472
Ion Ratio Lower Upper
50 100
52 34.2 22.0 41.0



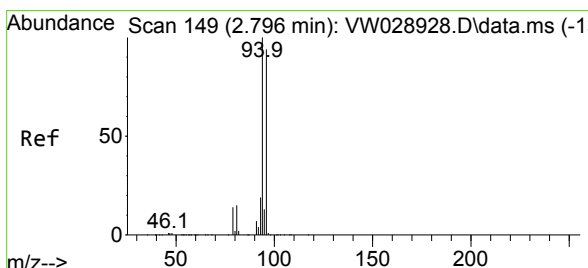
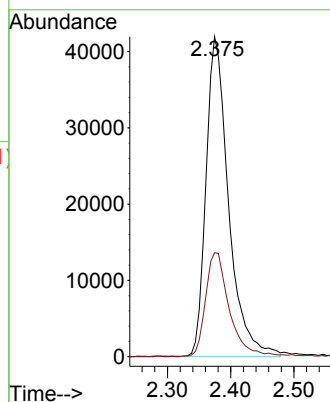
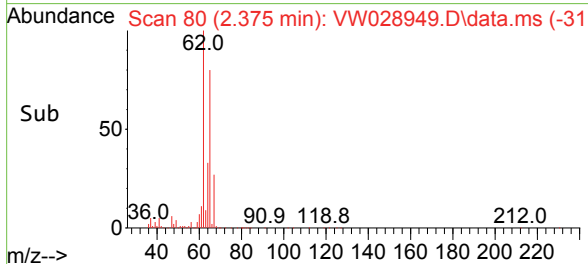


#5
 Vinyl chloride
 Concen: 20.309 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028949.D
 Acq: 31 May 2024 17:37

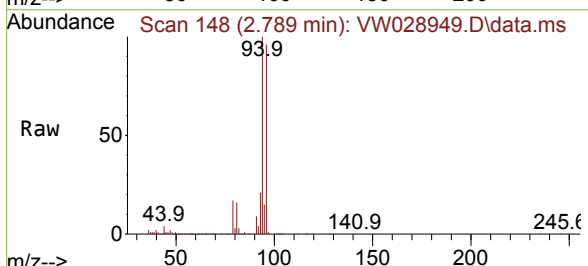
Instrument :
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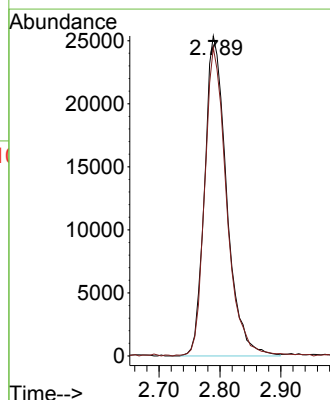
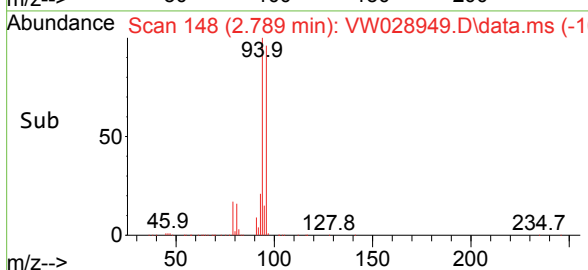
Tgt Ion: 62 Resp: 104148
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.3 43.3

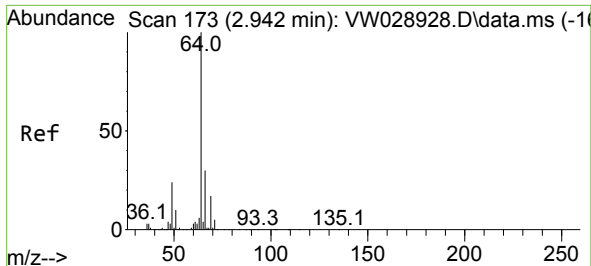


#6
 Bromomethane
 Concen: 21.518 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028949.D
 Acq: 31 May 2024 17:37



Tgt Ion: 94 Resp: 63836
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.3 123.1

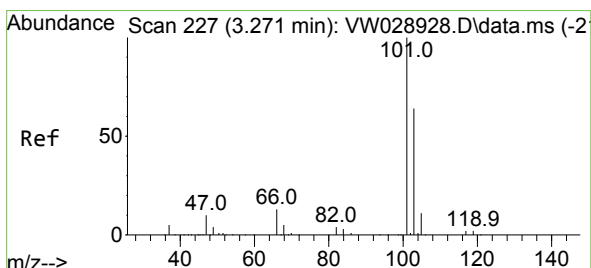
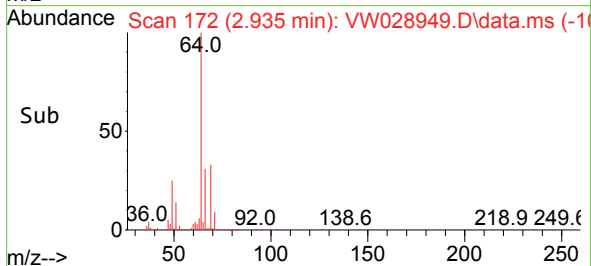
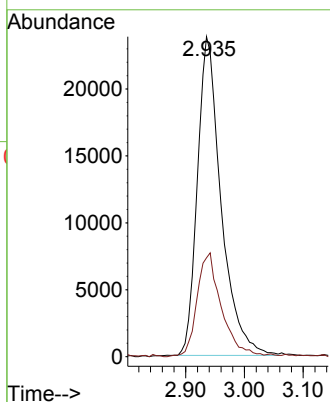
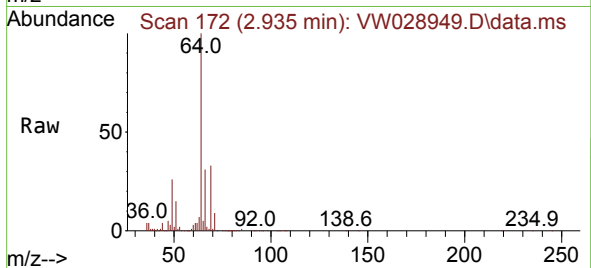




#8
Chloroethane
Concen: 22.865 ug/L
RT: 2.935 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

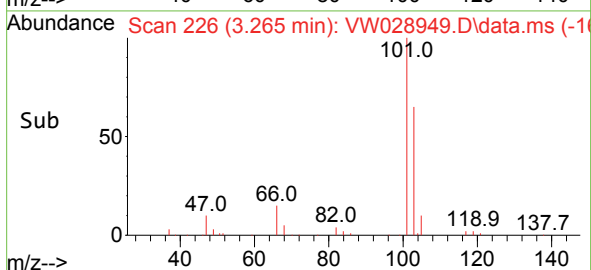
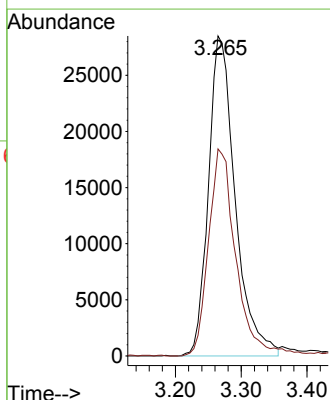
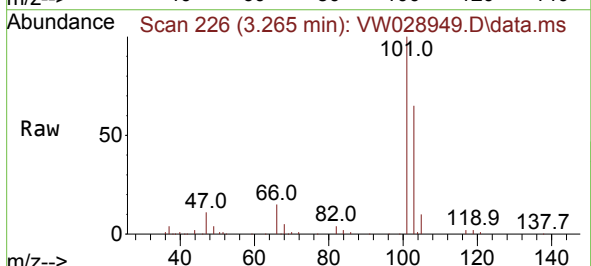
Instrument :
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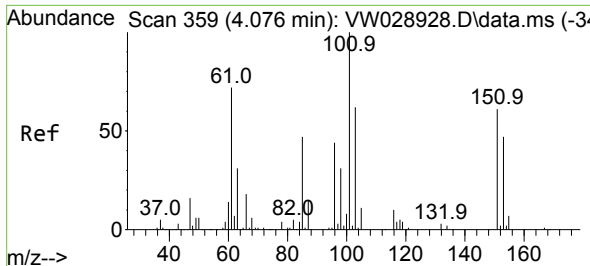
Tgt Ion: 64 Resp: 66873
Ion Ratio Lower Upper
64 100
66 30.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.150 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 101 Resp: 80628
Ion Ratio Lower Upper
101 100
103 66.3 50.4 75.6

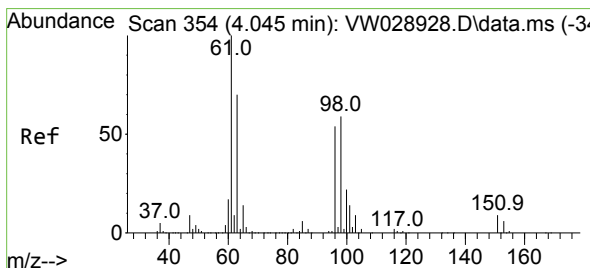
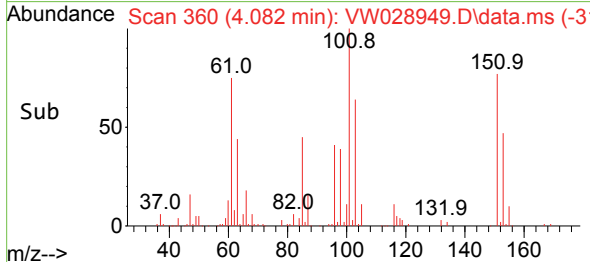
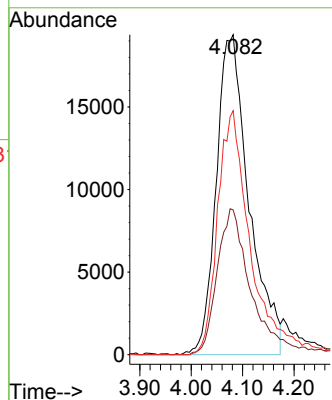
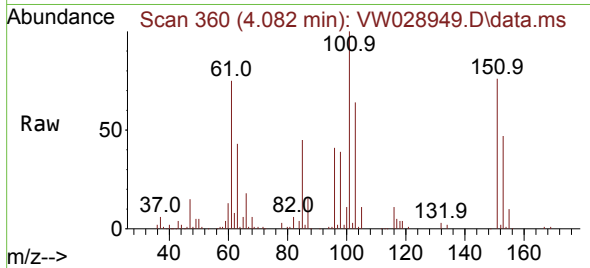




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.089 ug/L
 RT: 4.082 min Scan# 3
 Delta R.T. 0.006 min
 Lab File: VW028949.D
 Acq: 31 May 2024 17:37

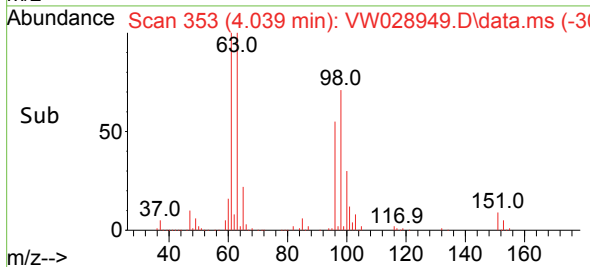
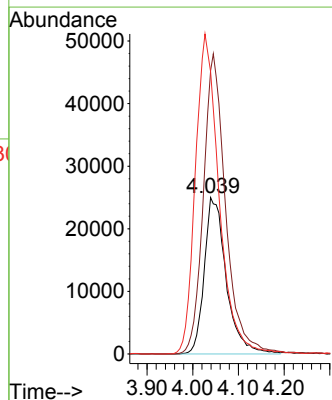
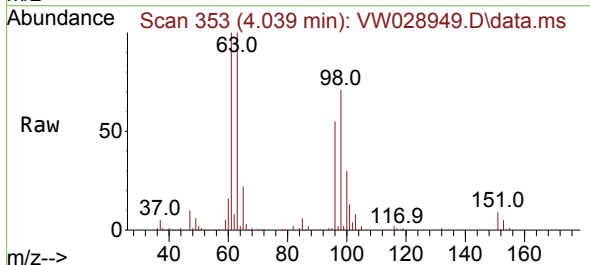
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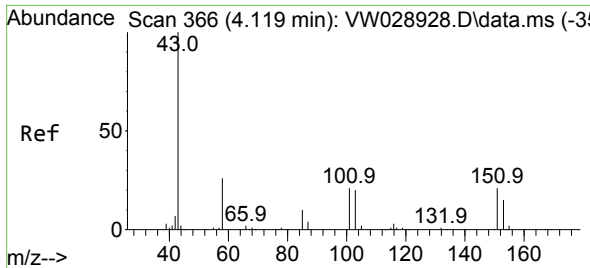
Tgt Ion:101 Resp: 85745
 Ion Ratio Lower Upper
 101 100
 85 46.4 35.8 53.8
 151 75.2 49.6 74.4#



#12
 1,1-Dichloroethene
 Concen: 23.969 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW028949.D
 Acq: 31 May 2024 17:37

Tgt Ion: 96 Resp: 83462
 Ion Ratio Lower Upper
 96 100
 61 181.1 131.6 244.4
 63 180.4 111.4 206.8





#13

Acetone

Concen: 43.062 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

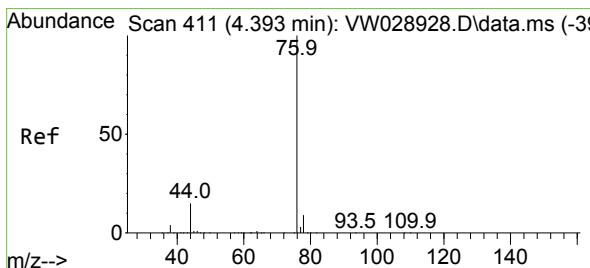
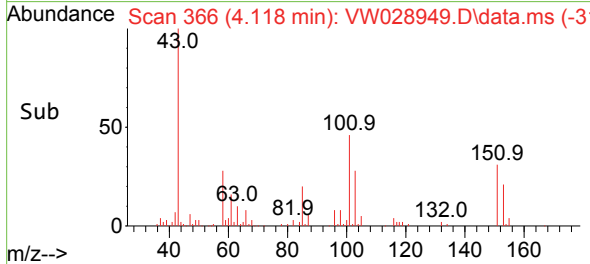
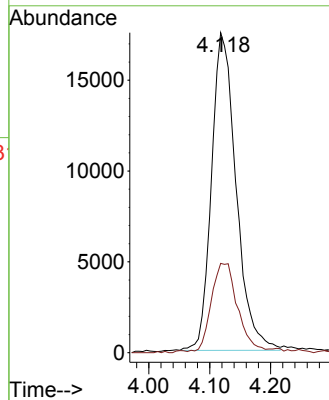
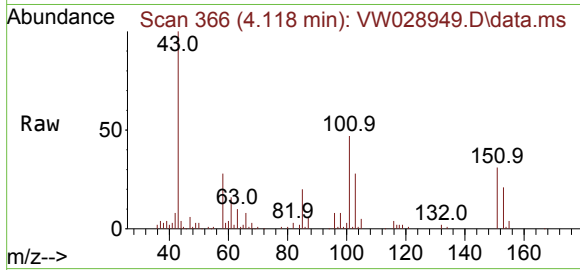
ClientSampleId :

Tgt Ion: 43 Resp: 49104

Ion Ratio Lower Upper

43 100

58 29.7 0.0 54.4



#14

Carbon disulfide

Concen: 18.968 ug/L

RT: 4.392 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028949.D

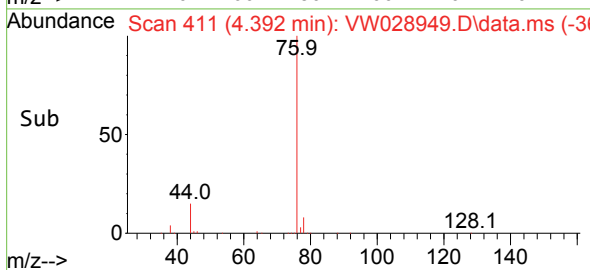
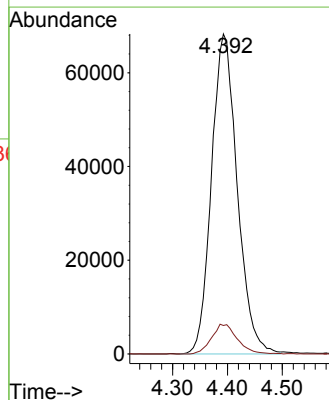
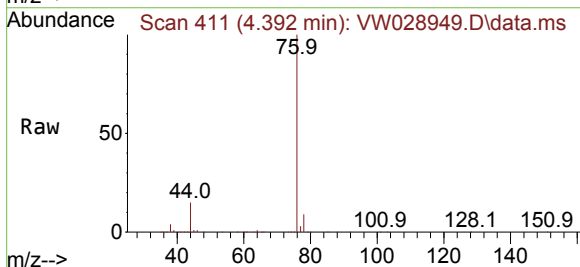
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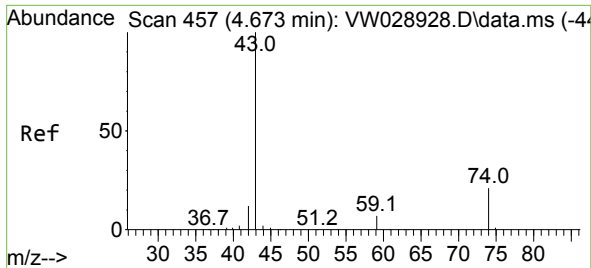
Tgt Ion: 76 Resp: 223220

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

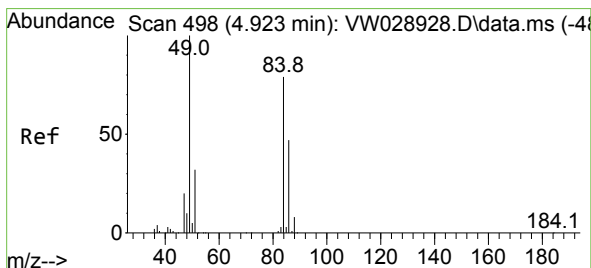
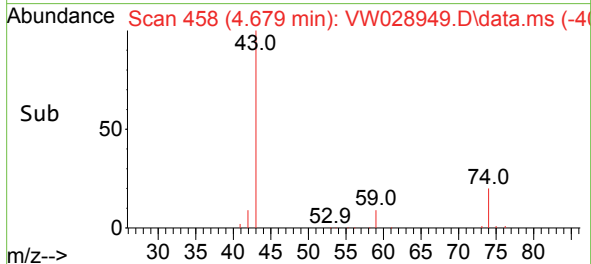
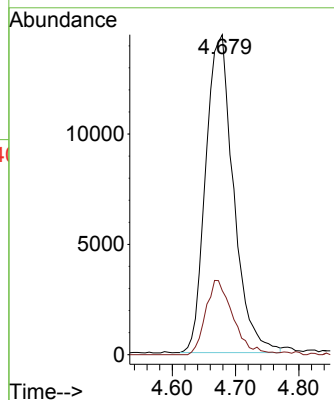
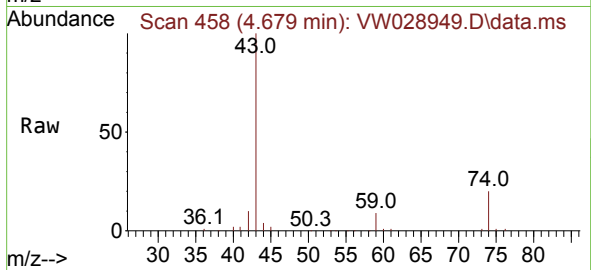




#15
Methyl Acetate
Concen: 22.218 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

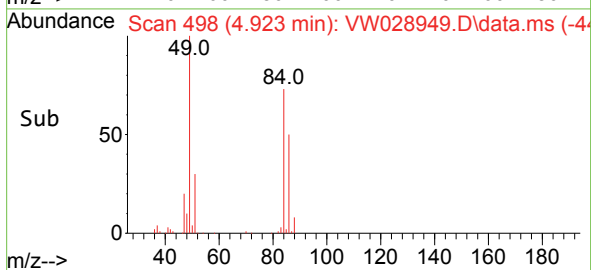
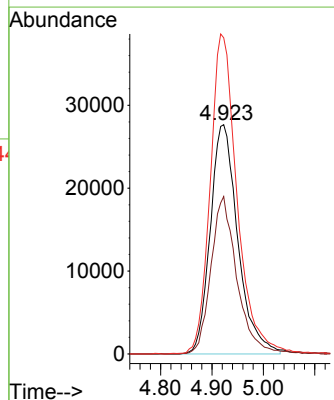
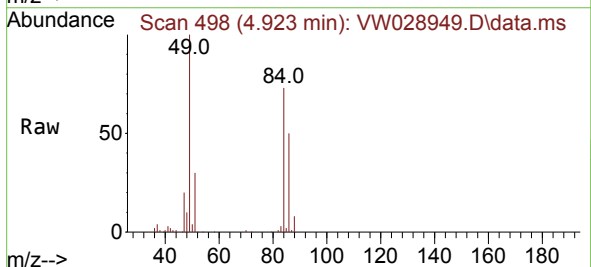
Instrument :
MSVOA_W
ClientSampleId :

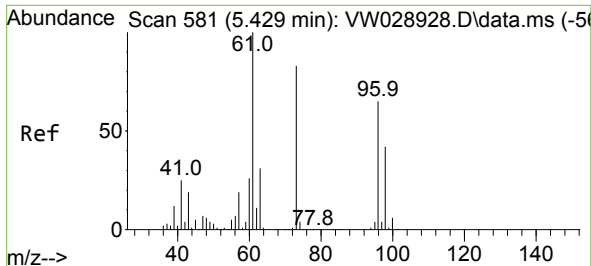
Tgt Ion: 43 Resp: 44078
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4



#16
Methylene chloride
Concen: 26.295 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 84 Resp: 102895
Ion Ratio Lower Upper
84 100
86 68.6 44.4 82.4
49 137.8 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 25.155 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :

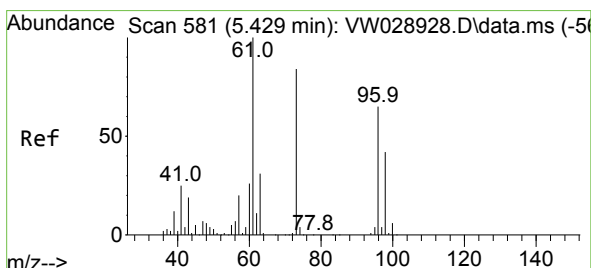
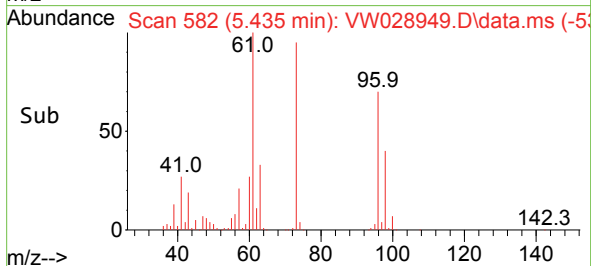
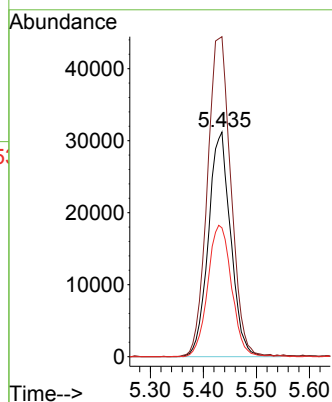
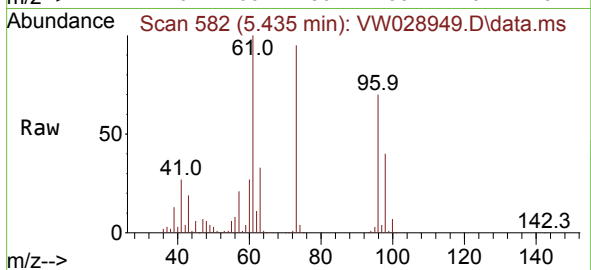
Tgt Ion: 96 Resp: 91192

Ion Ratio Lower Upper

96 100

61 142.4 109.0 202.4

98 57.3 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 27.466 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

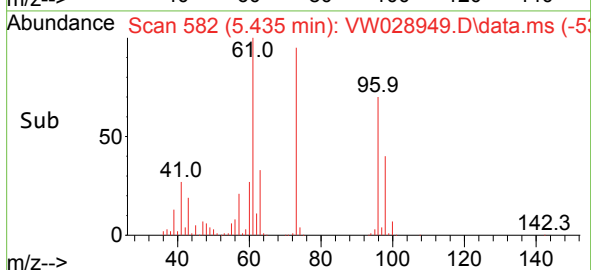
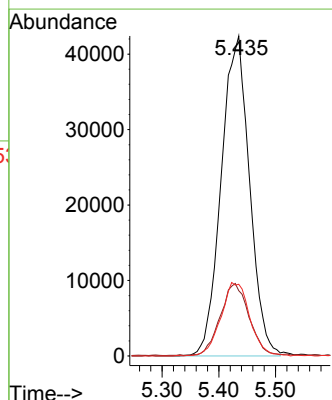
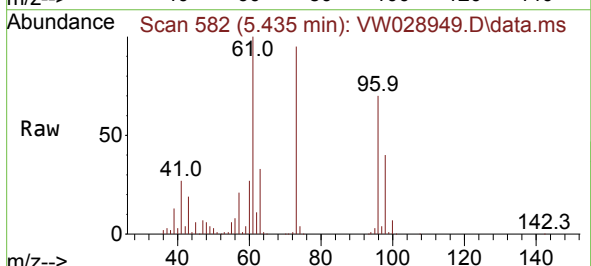
Tgt Ion: 73 Resp: 146942

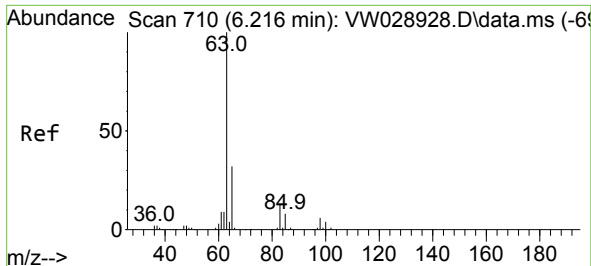
Ion Ratio Lower Upper

73 100

43 22.7 19.2 28.8

57 23.4 18.5 27.7





#19

1,1-Dichloroethane

Concen: 27.577 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

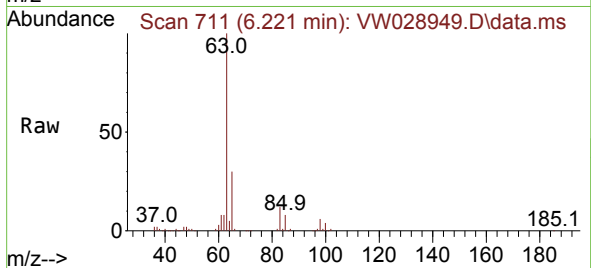
Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :



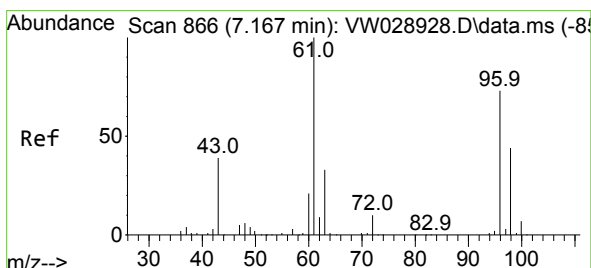
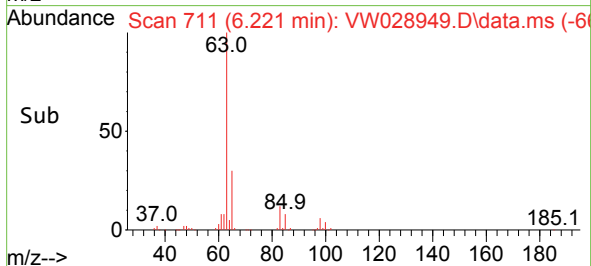
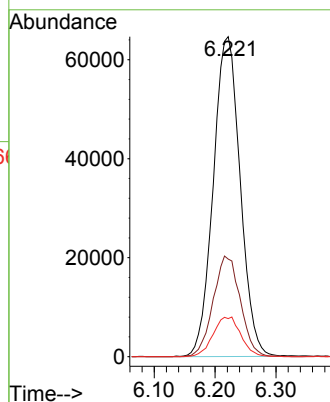
Tgt Ion: 63 Resp: 198247

Ion Ratio Lower Upper

63 100

65 30.5 22.9 42.5

83 11.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 27.731 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

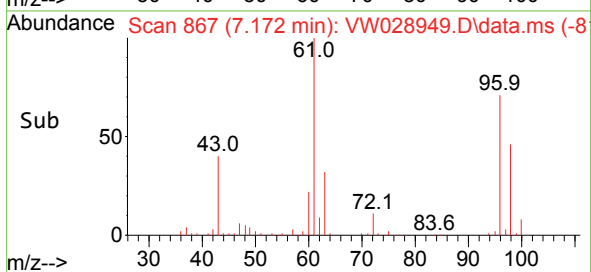
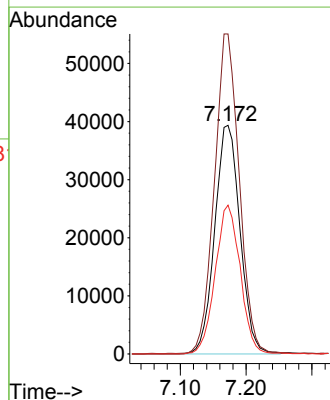
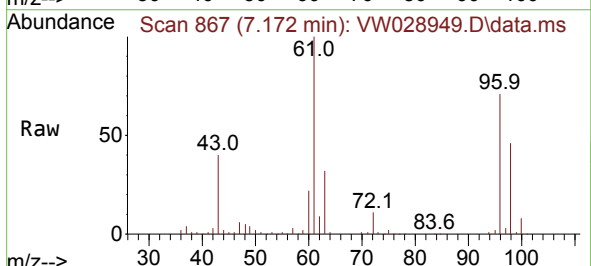
Tgt Ion: 96 Resp: 105211

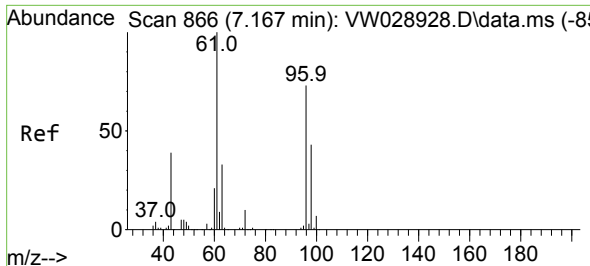
Ion Ratio Lower Upper

96 100

61 140.0 102.8 191.0

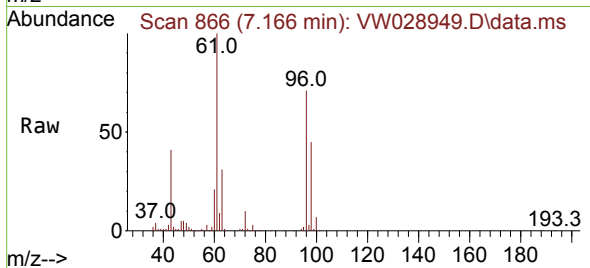
98 65.1 44.3 82.3



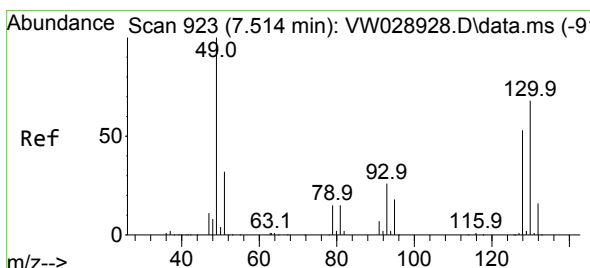
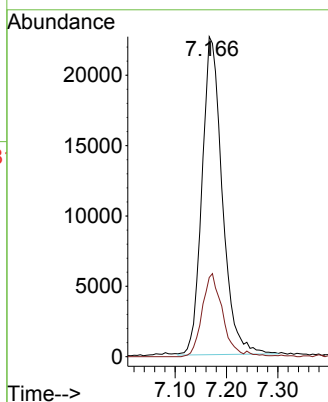
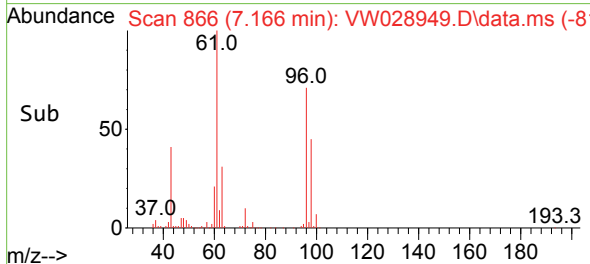


#22
2-Butanone
Concen: 42.357 ug/L
RT: 7.166 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Instrument :
MSVOA_W
ClientSampleId :

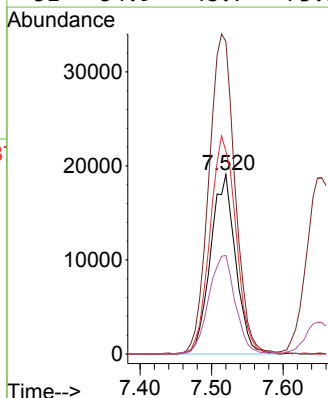
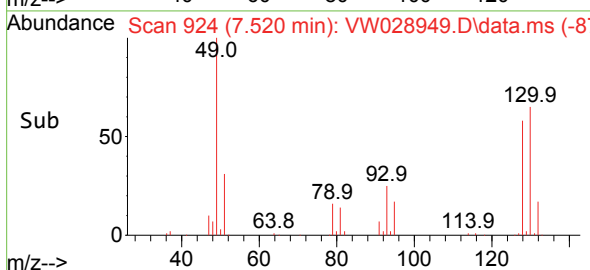
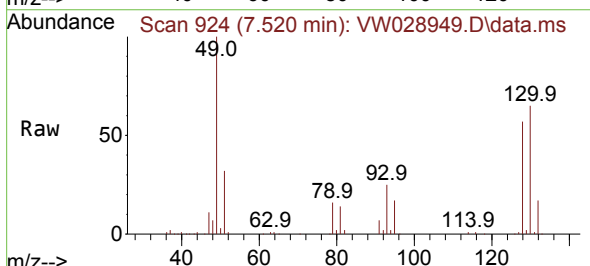


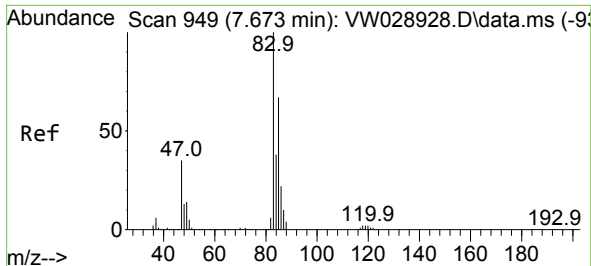
Tgt Ion: 43 Resp: 61996
Ion Ratio Lower Upper
43 100
72 25.8 12.2 36.6



#23
Bromochloromethane
Concen: 27.973 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 128 Resp: 46295
Ion Ratio Lower Upper
128 100
49 174.2 139.6 259.2
130 113.0 91.2 169.4
51 54.9 48.7 73.1

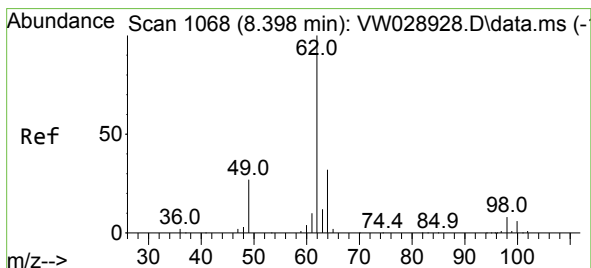
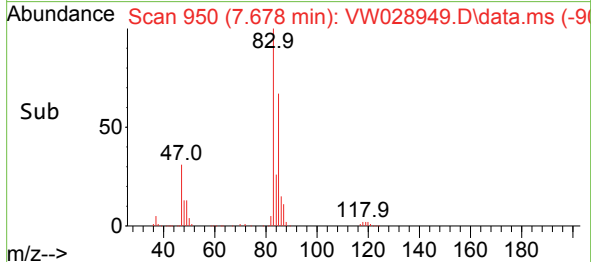
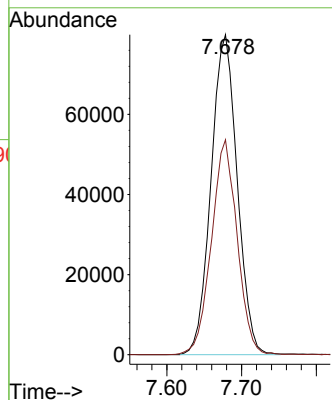
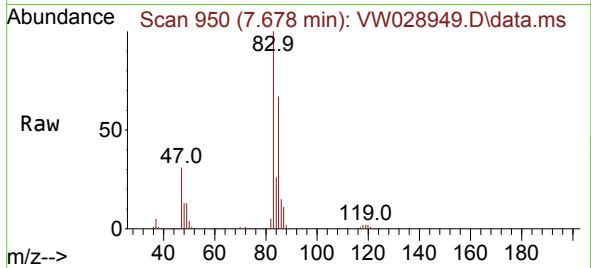




#25
Chloroform
Concen: 27.979 ug/L
RT: 7.678 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

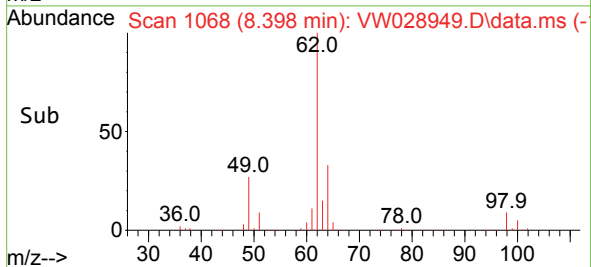
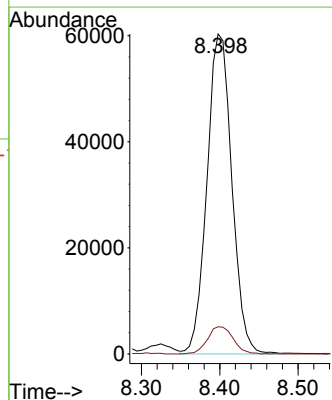
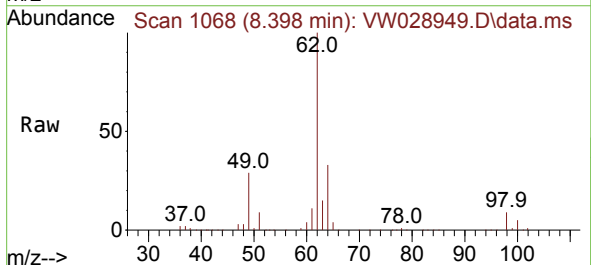
Instrument :
MSVOA_W
ClientSampleId :

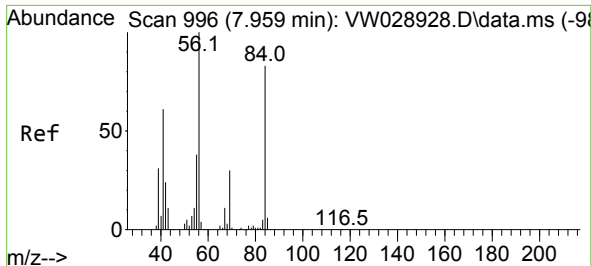
Tgt Ion: 83 Resp: 194546
Ion Ratio Lower Upper
83 100
85 67.2 43.4 80.6



#27
1,2-Dichloroethane
Concen: 26.395 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 62 Resp: 133414
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 20.018 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :

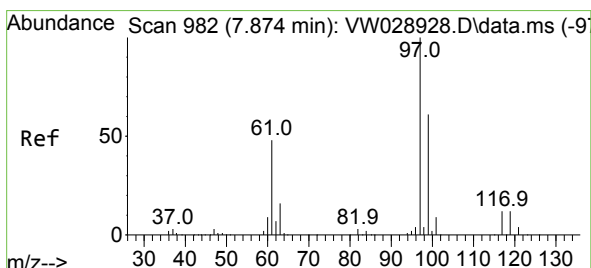
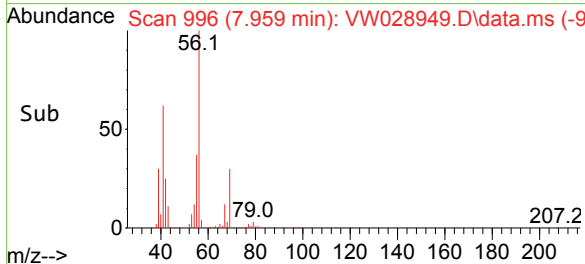
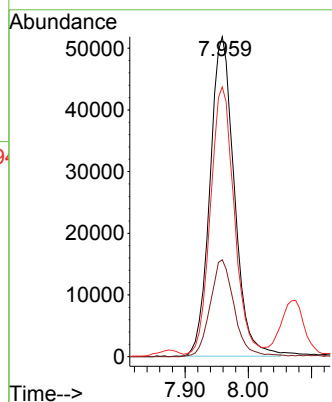
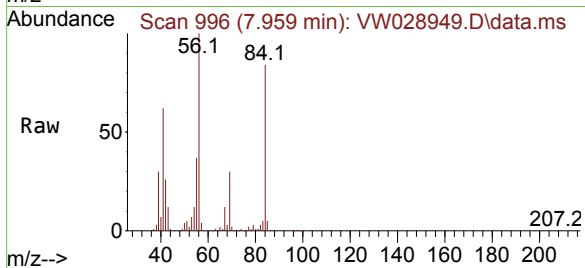
Tgt Ion: 56 Resp: 138562

Ion Ratio Lower Upper

56 100

69 30.0 23.4 35.0

84 81.9 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.974 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

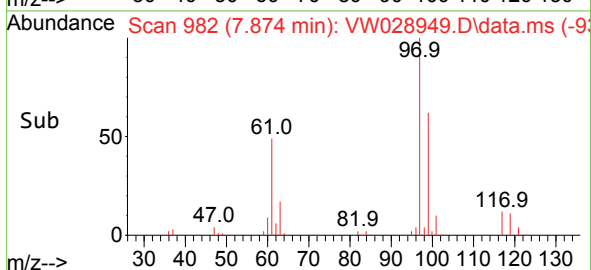
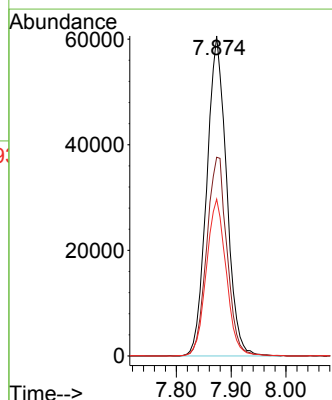
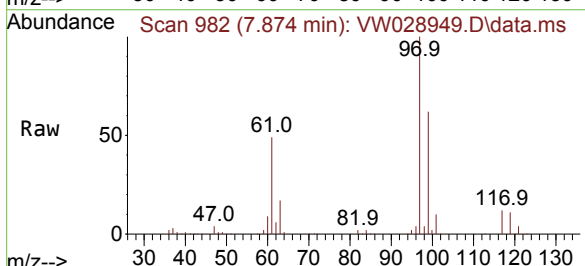
Tgt Ion: 97 Resp: 151928

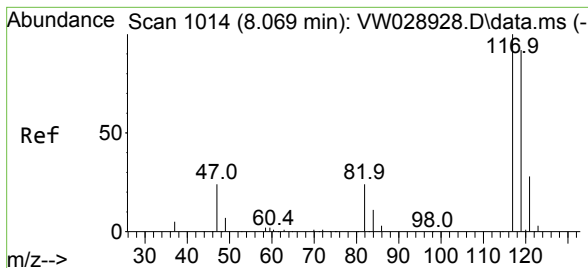
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 48.9 41.0 61.6

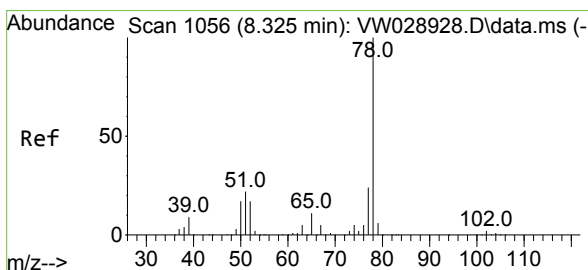
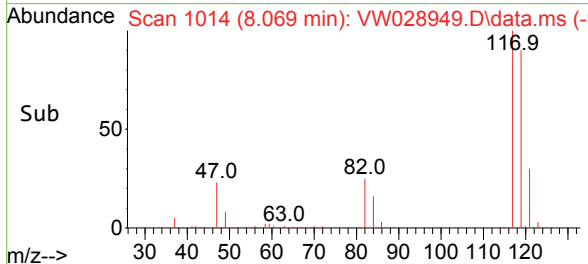
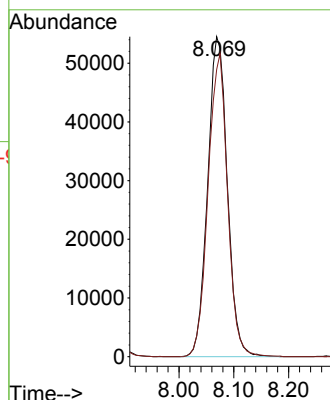
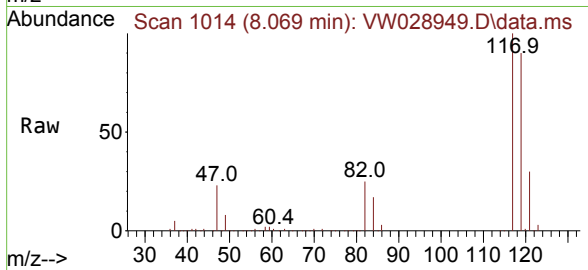




#31
Carbon tetrachloride
Concen: 24.456 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

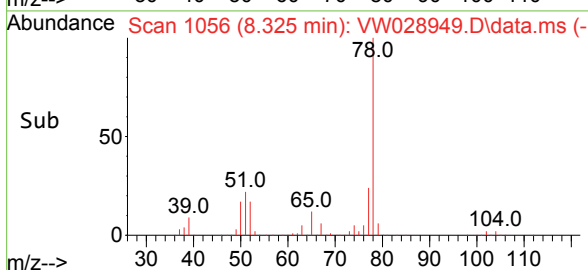
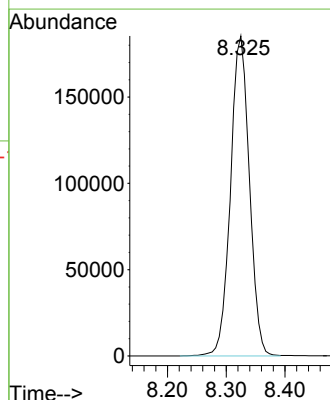
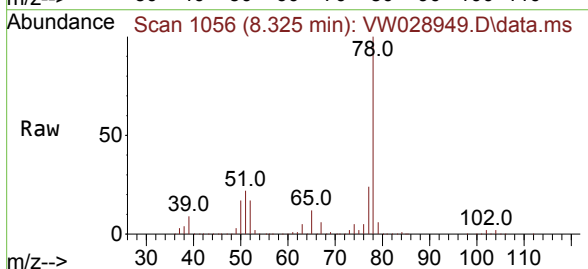
Instrument :
MSVOA_W
ClientSampleId :

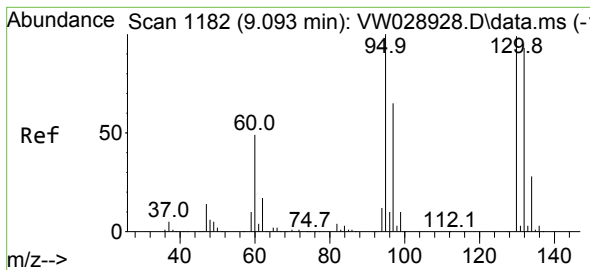
Tgt Ion:117 Resp: 135650
Ion Ratio Lower Upper
117 100
119 93.7 77.2 115.8



#33
Benzene
Concen: 26.352 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 78 Resp: 414832





#34

Trichloroethene

Concen: 24.611 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.007 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 103877

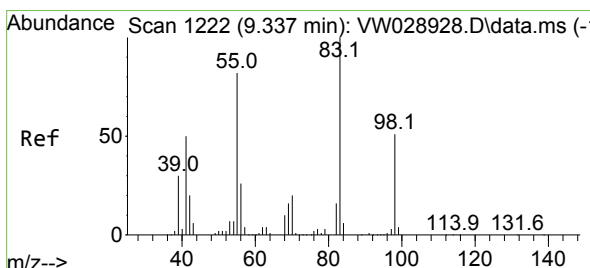
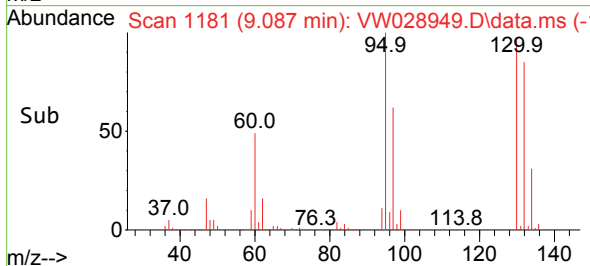
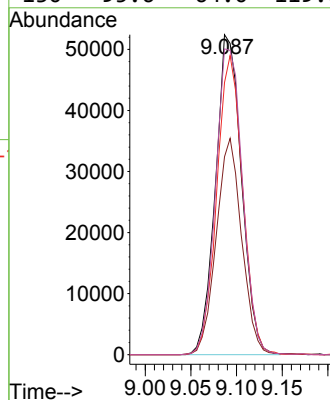
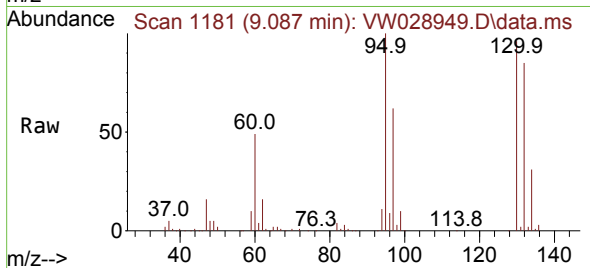
Ion Ratio Lower Upper

95 100

97 61.9 44.9 83.3

132 85.1 59.7 110.9

130 95.6 64.0 119.0



#35

Methylcyclohexane

Concen: 21.343 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

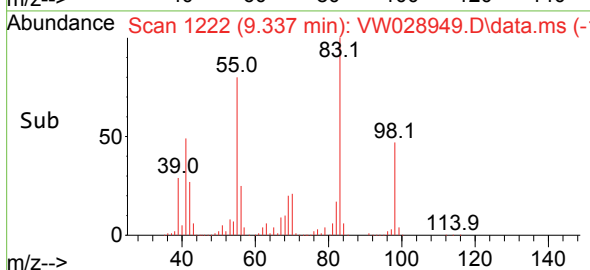
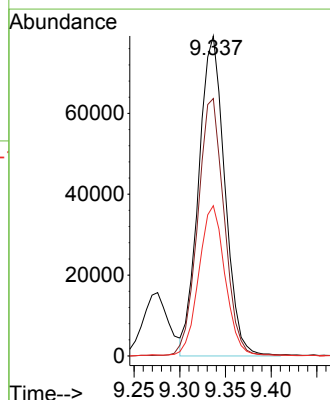
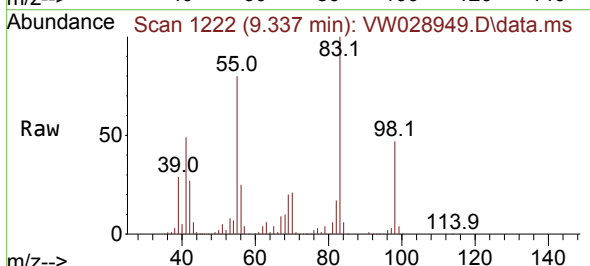
Tgt Ion: 83 Resp: 157426

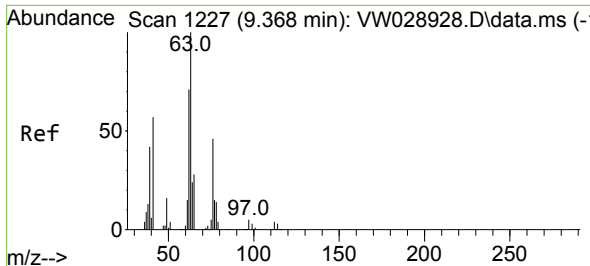
Ion Ratio Lower Upper

83 100

55 81.4 66.9 100.3

98 47.1 37.9 56.9

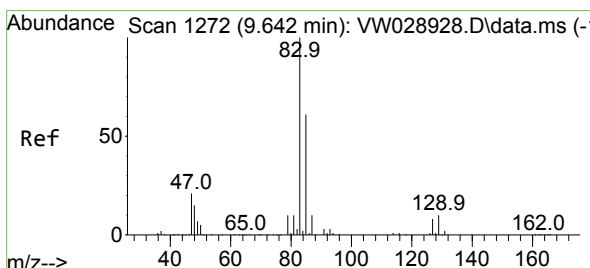
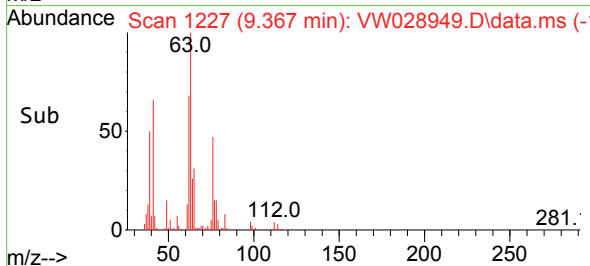
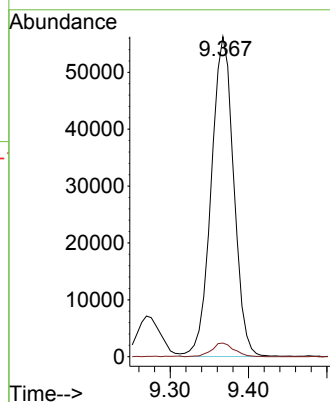
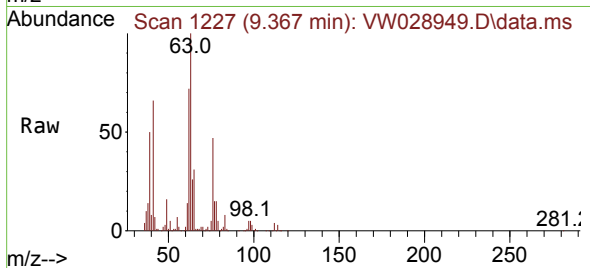




#37
1,2-Dichloropropane
Concen: 27.363 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

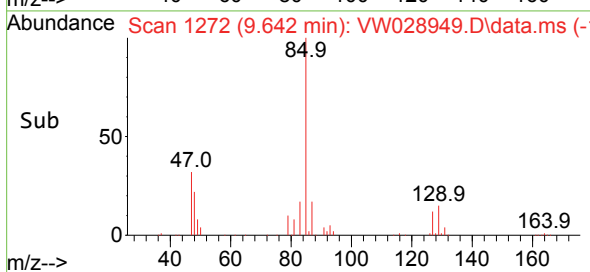
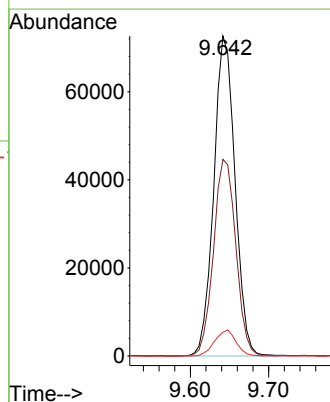
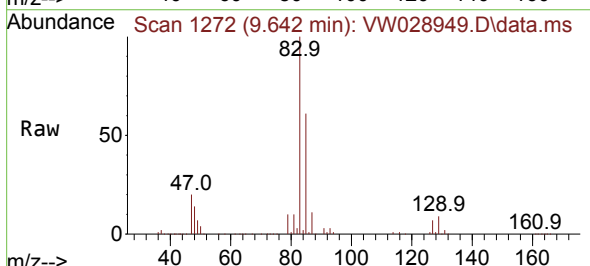
Instrument :
MSVOA_W
ClientSampleId :

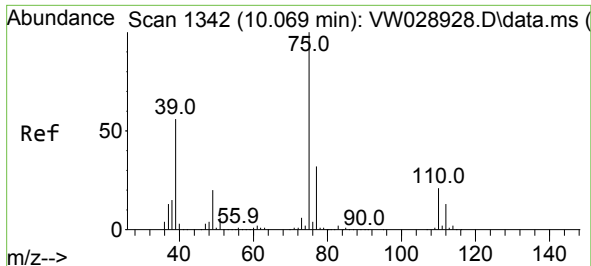
Tgt Ion: 63 Resp: 112243
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 27.424 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 83 Resp: 137128
Ion Ratio Lower Upper
83 100
85 61.5 43.0 80.0
127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 28.087 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

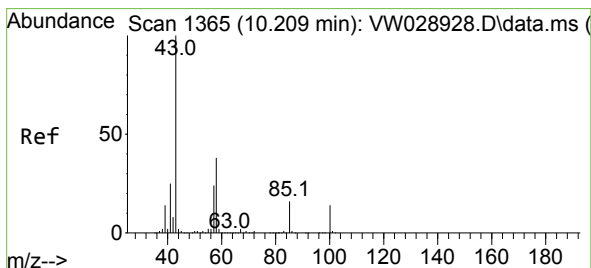
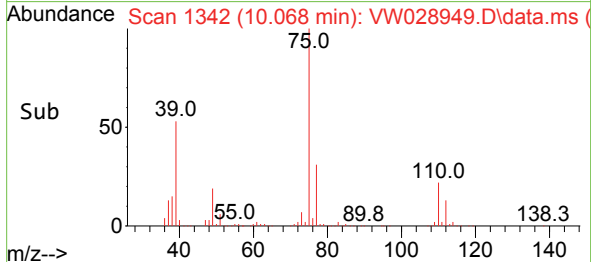
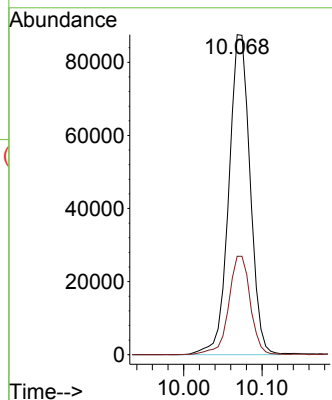
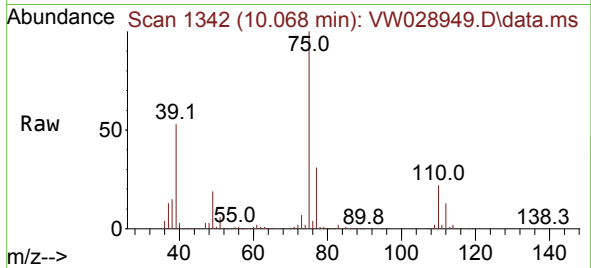
ClientSampleId :

Tgt Ion: 75 Resp: 165134

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.920 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

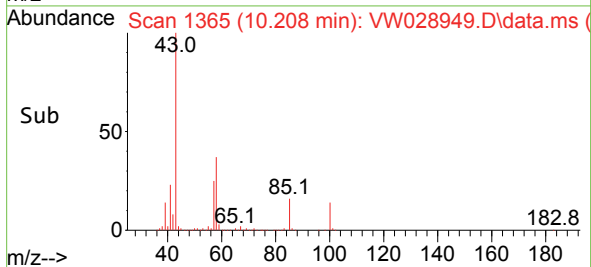
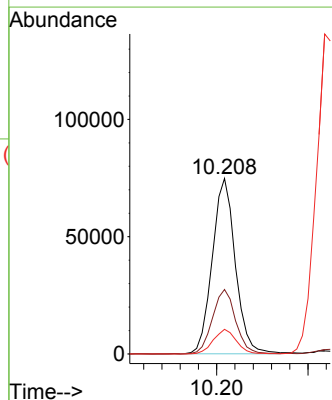
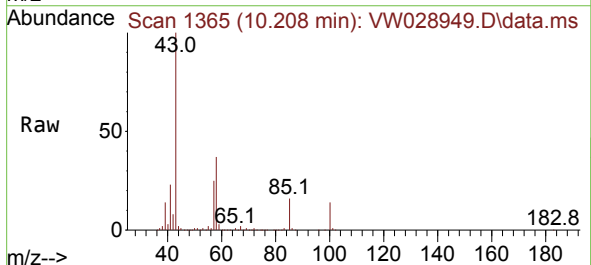
Tgt Ion: 43 Resp: 130993

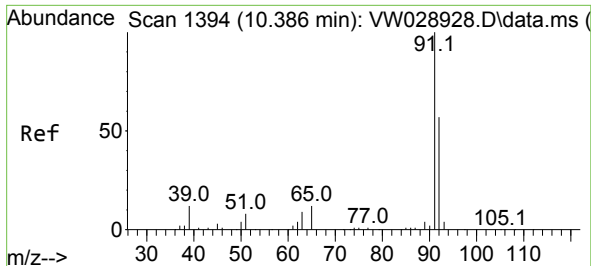
Ion Ratio Lower Upper

43 100

58 37.1 29.2 43.8

100 14.1 11.0 16.4

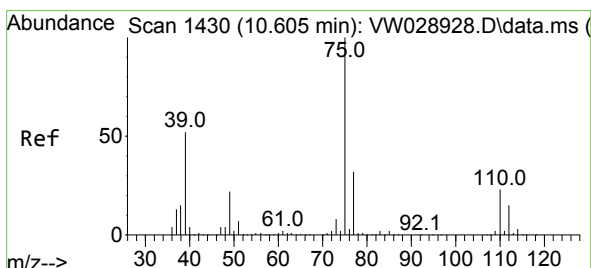
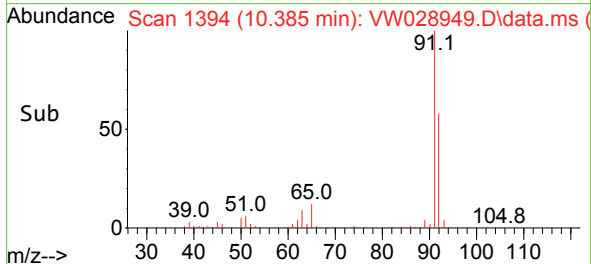
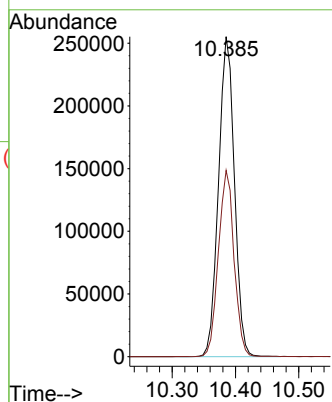
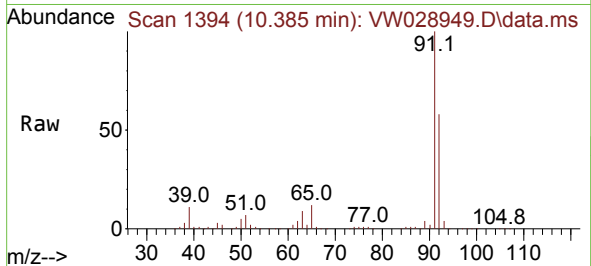




#42
Toluene
Concen: 27.266 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

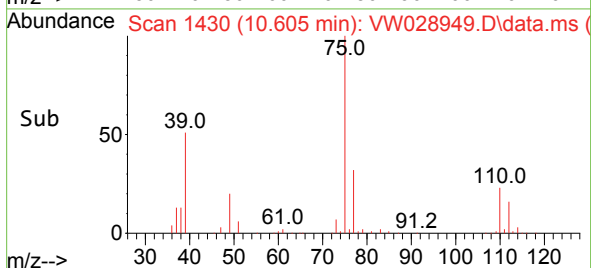
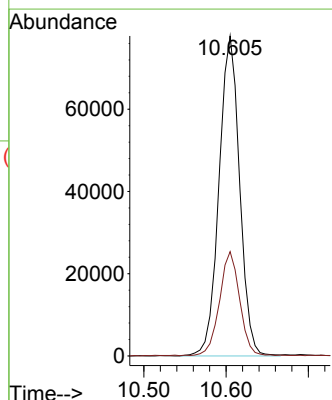
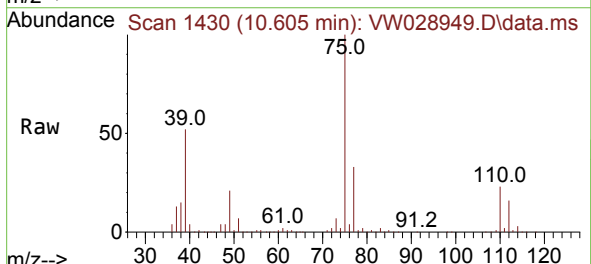
Instrument :
MSVOA_W
ClientSampleId :

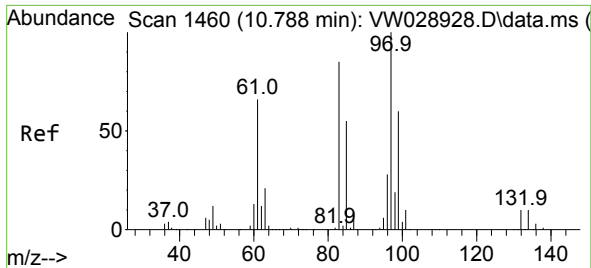
Tgt Ion: 91 Resp: 443332
Ion Ratio Lower Upper
91 100
92 58.2 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 27.377 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 75 Resp: 135714
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.9

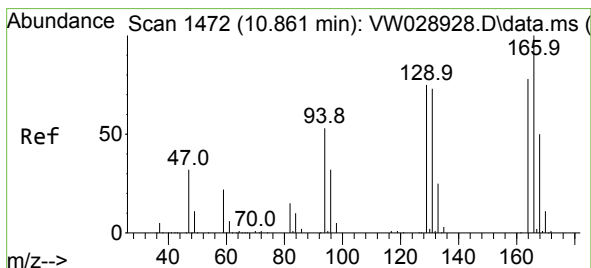
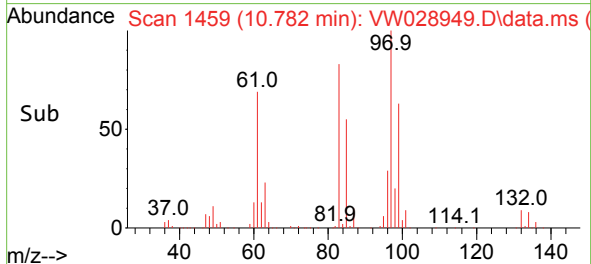
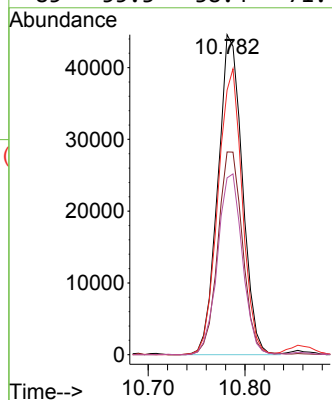
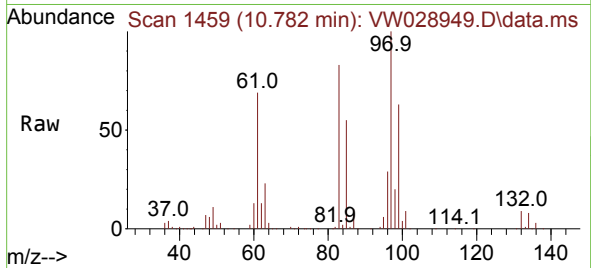




#45
1,1,2-Trichloroethane
Concen: 26.344 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

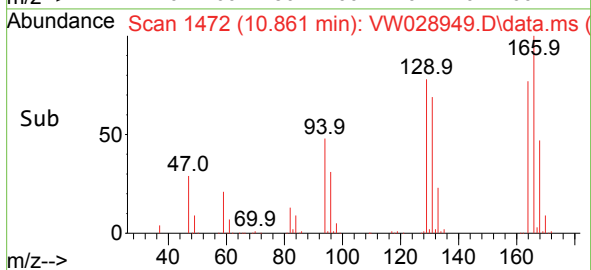
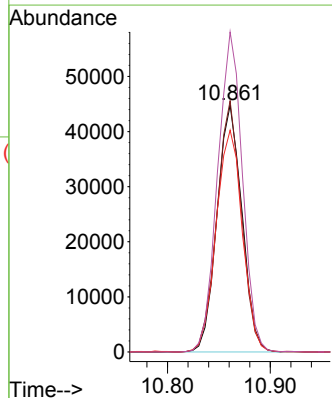
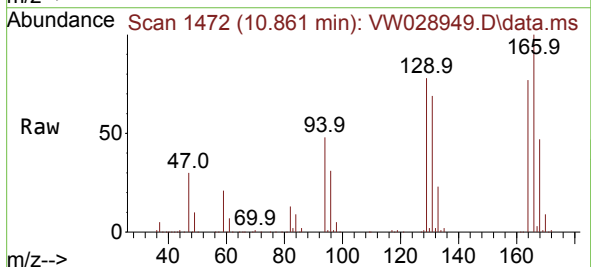
Instrument :
MSVOA_W
ClientSampleId :

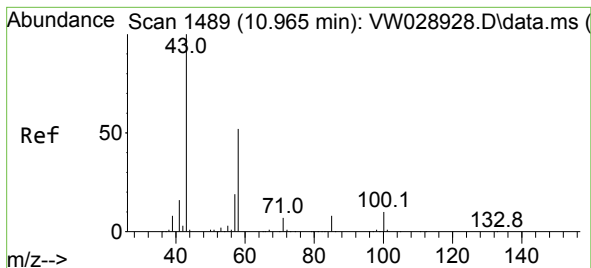
Tgt Ion: 97	Resp: 78283
Ion Ratio	Lower Upper
97 100	
99 63.3	41.9 77.9
83 82.7	62.1 115.3
85 55.3	38.4 71.4



#46
Tetrachloroethene
Concen: 24.759 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt	Ion:164	Resp:	75290
Ion	Ratio	Lower	Upper
164	100		
129	101.8	69.2	128.6
131	89.9	67.7	125.7
166	129.7	89.7	166.7





#48

2-Hexanone

Concen: 48.775 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

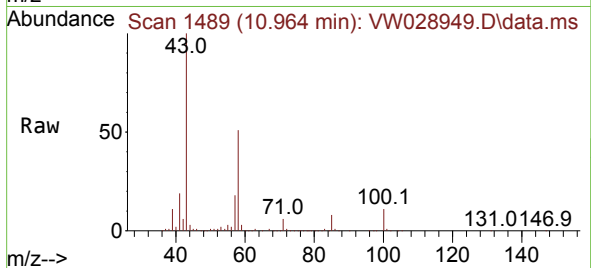
Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 96136

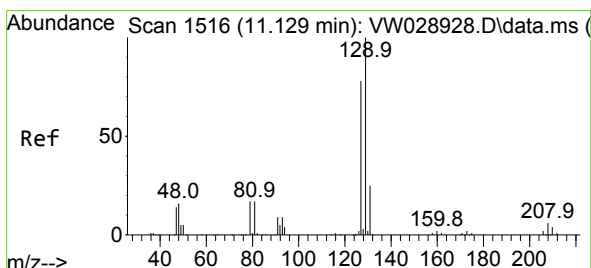
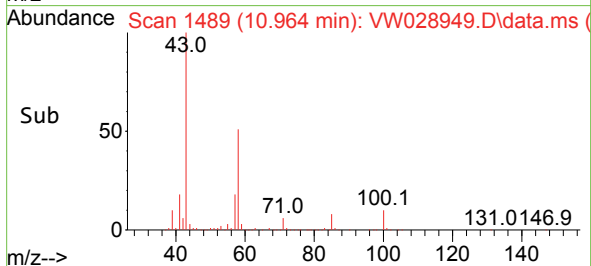
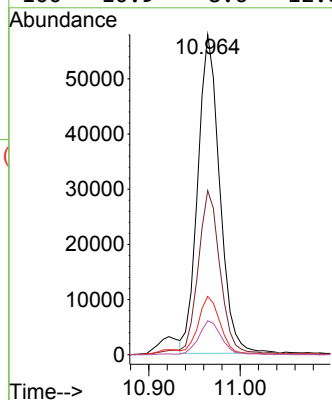
Ion Ratio Lower Upper

43 100

58 51.2 41.0 61.4

57 18.8 14.8 22.2

100 10.9 8.6 12.8



#49

Dibromochloromethane

Concen: 27.998 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW028949.D

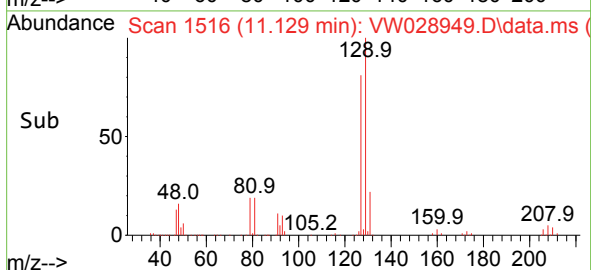
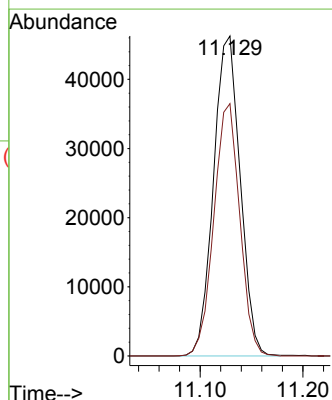
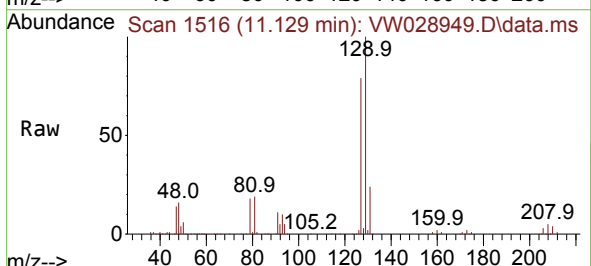
Acq: 31 May 2024 17:37

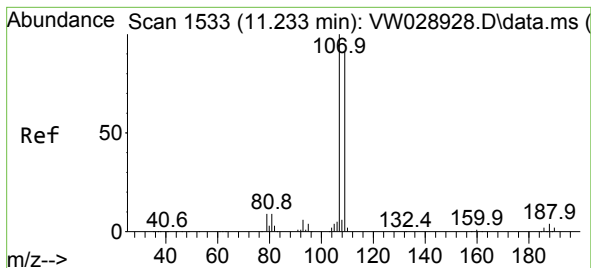
Tgt Ion:129 Resp: 83451

Ion Ratio Lower Upper

129 100

127 78.8 54.3 100.8





#50

1,2-Dibromoethane

Concen: 25.533 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

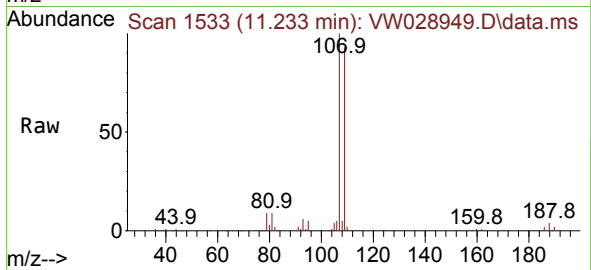
Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :



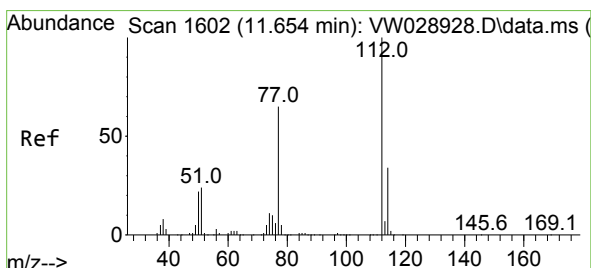
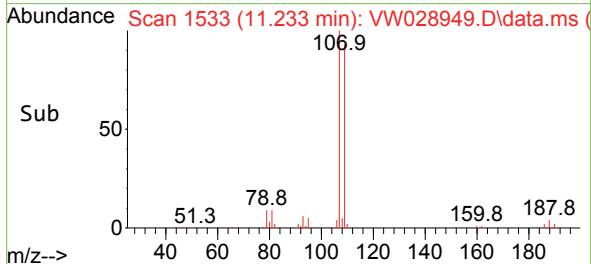
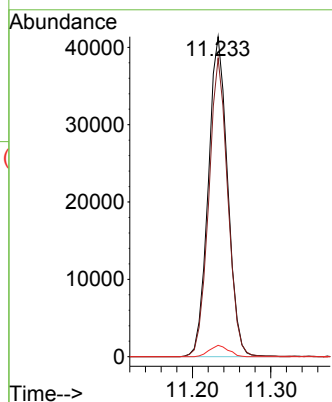
Tgt Ion:107 Resp: 71072

Ion Ratio Lower Upper

107 100

109 93.3 64.2 119.2

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 27.380 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

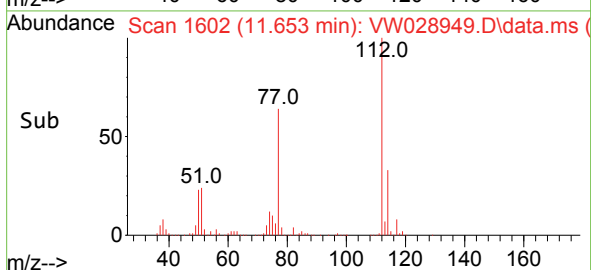
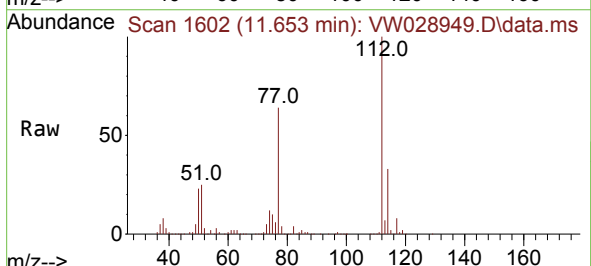
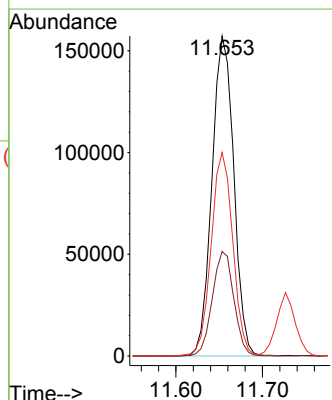
Tgt Ion:112 Resp: 275370

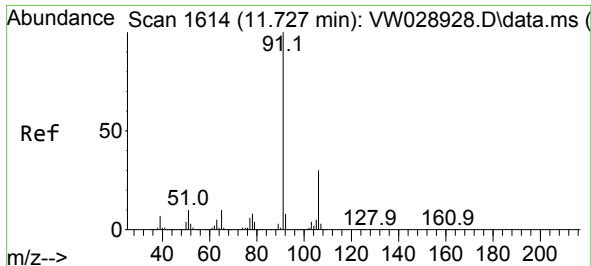
Ion Ratio Lower Upper

112 100

114 32.6 22.2 41.2

77 63.6 50.8 76.2

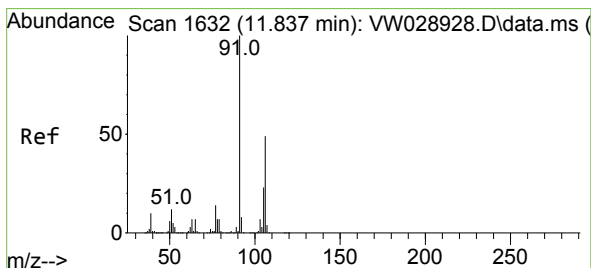
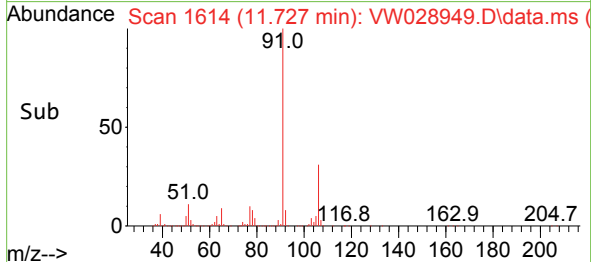
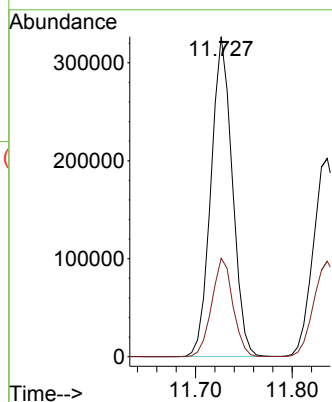
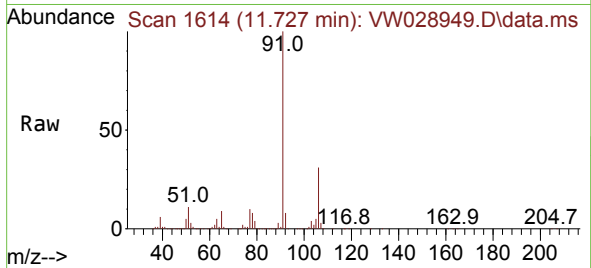




#52
Ethylbenzene
Concen: 27.159 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

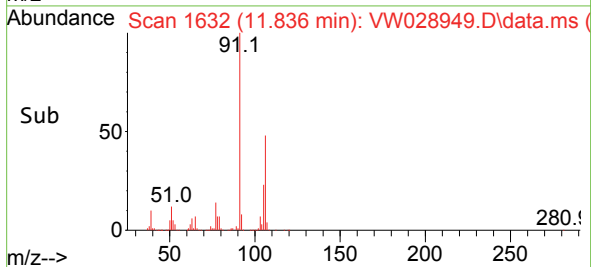
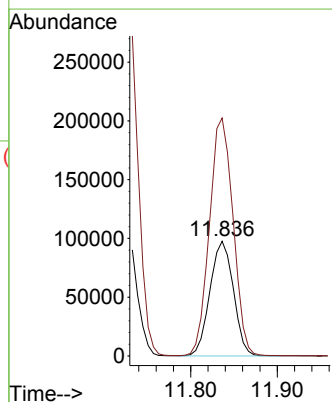
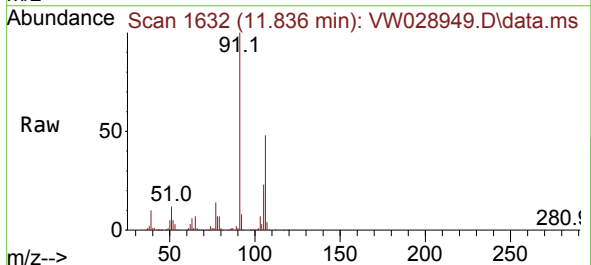
Instrument :
MSVOA_W
ClientSampleId :

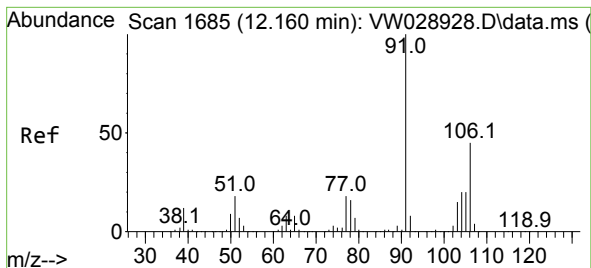
Tgt Ion: 91 Resp: 499737
Ion Ratio Lower Upper
91 100
106 30.8 22.7 42.1



#53
m,p-Xylene
Concen: 27.276 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion:106 Resp: 183972
Ion Ratio Lower Upper
106 100
91 207.4 146.6 272.2





#54

o-Xylene

Concen: 28.730 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

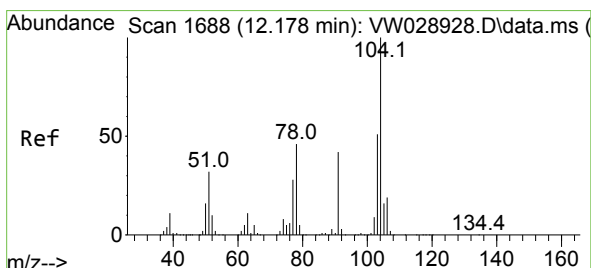
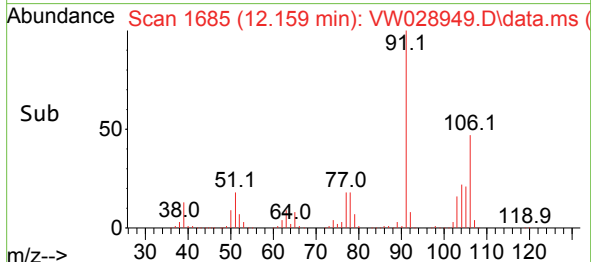
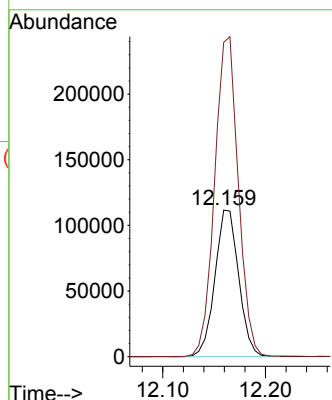
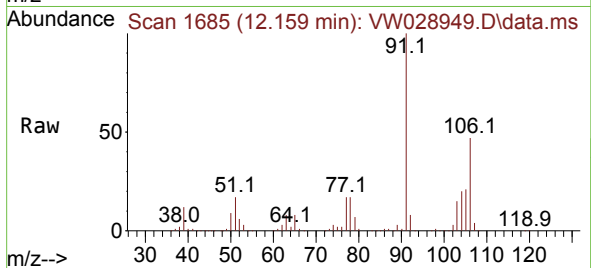
ClientSampleId :

Tgt Ion:106 Resp: 179266

Ion Ratio Lower Upper

106 100

91 214.5 154.3 286.5



#55

Styrene

Concen: 30.260 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028949.D

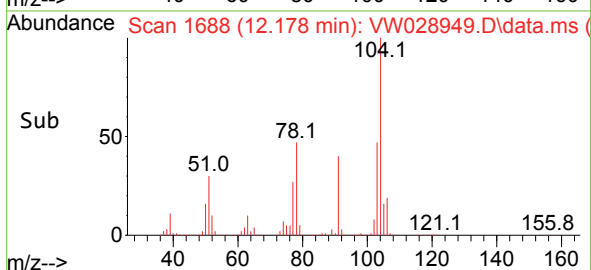
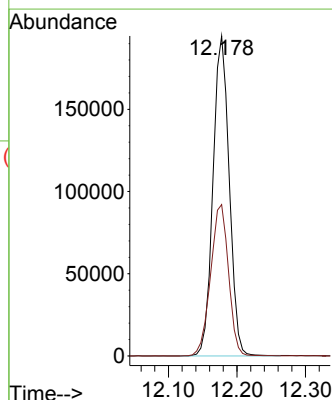
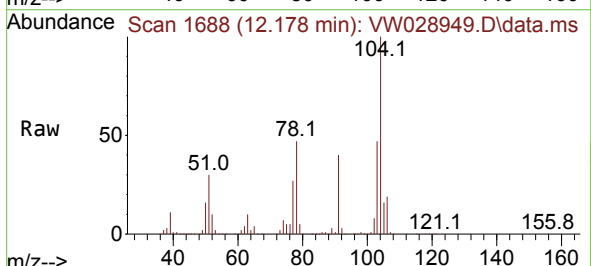
Acq: 31 May 2024 17:37

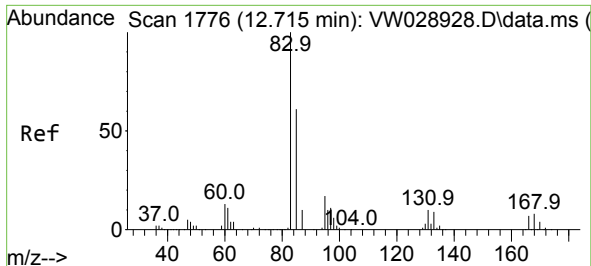
Tgt Ion:104 Resp: 319935

Ion Ratio Lower Upper

104 100

78 47.3 34.1 63.3

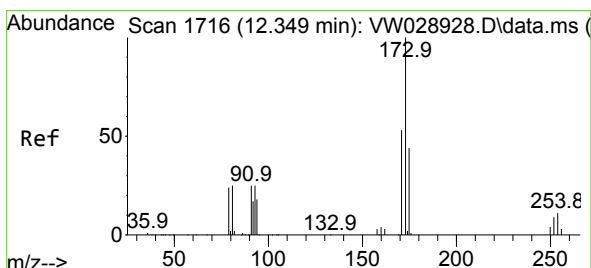
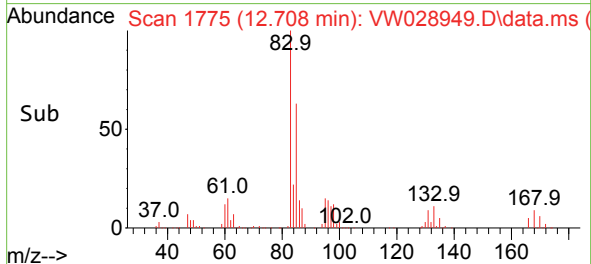
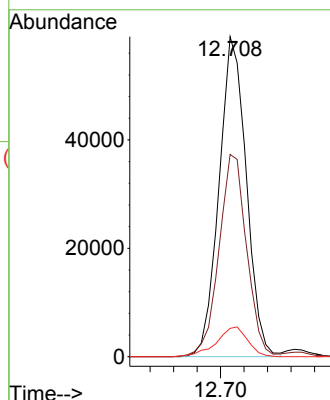
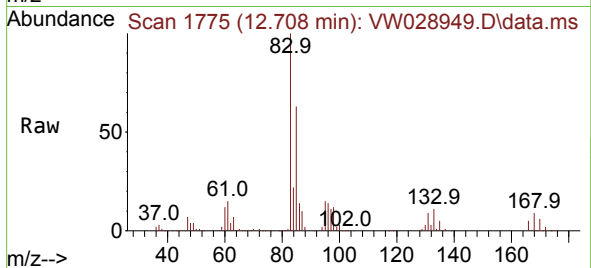




#57
1,1,2,2-Tetrachloroethane
Concen: 25.551 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

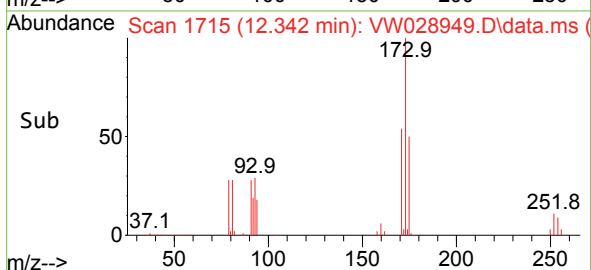
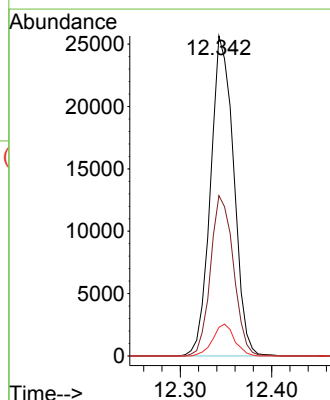
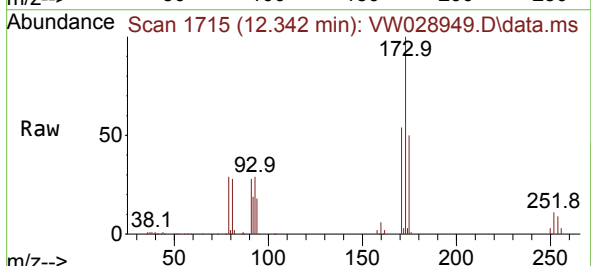
Instrument :
MSVOA_W
ClientSampleId :

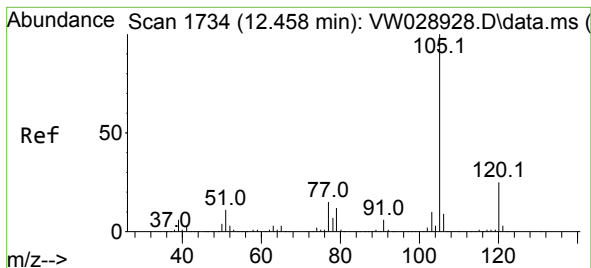
Tgt Ion: 83 Resp: 95259
Ion Ratio Lower Upper
83 100
85 63.2 45.6 84.6
131 8.9 7.3 10.9



#59
Bromoform
Concen: 24.408 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.007 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion: 173 Resp: 45122
Ion Ratio Lower Upper
173 100
175 49.6 39.8 59.8
254 9.3 7.1 10.7





#60

Isopropylbenzene

Concen: 26.033 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :

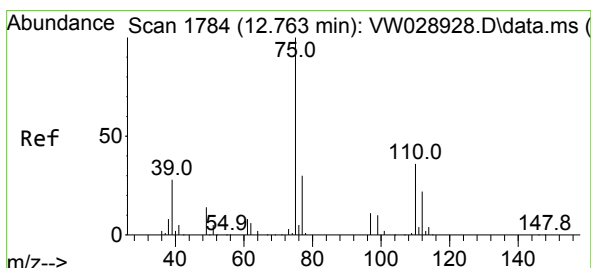
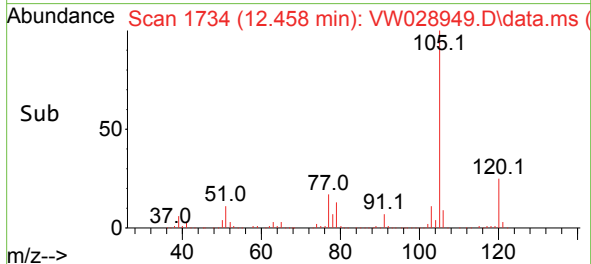
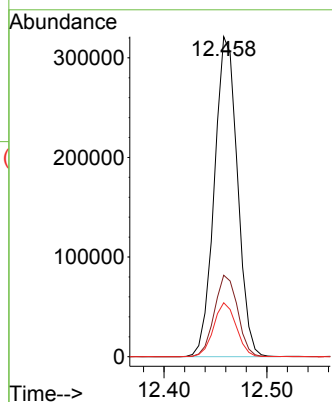
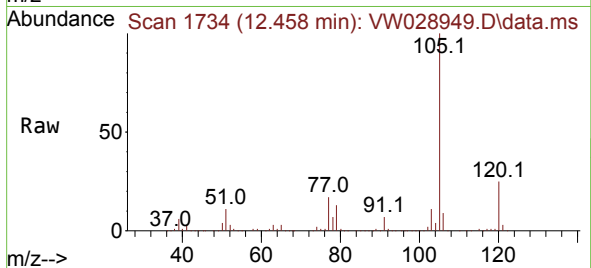
Tgt Ion:105 Resp: 500471

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.5 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.930 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

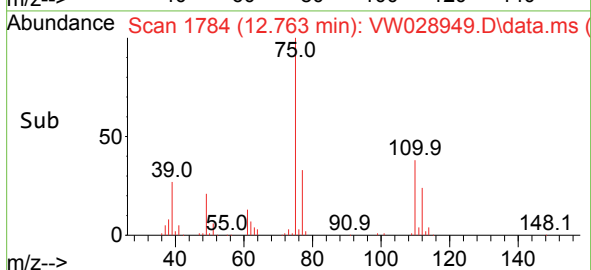
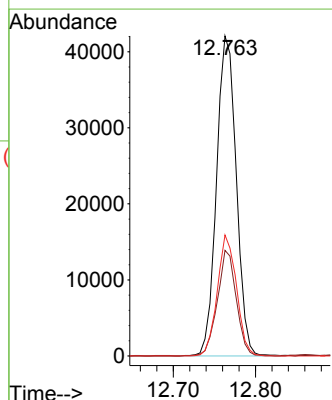
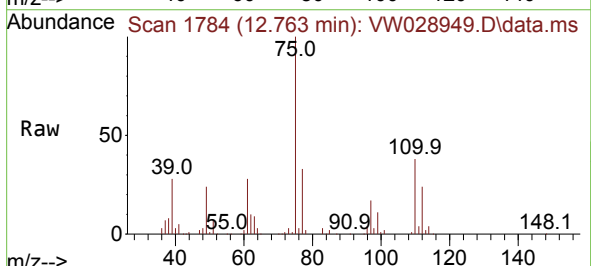
Tgt Ion: 75 Resp: 70219

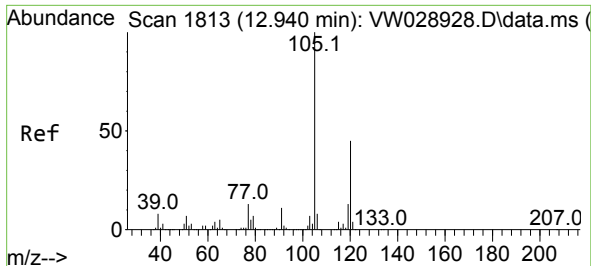
Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9

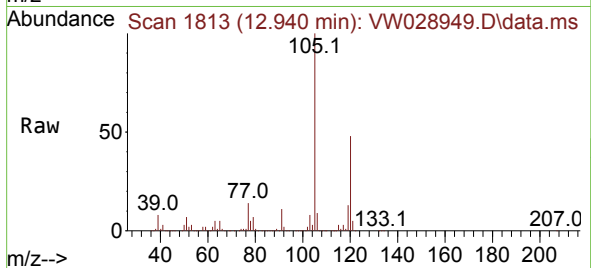
110 36.7 30.6 45.8



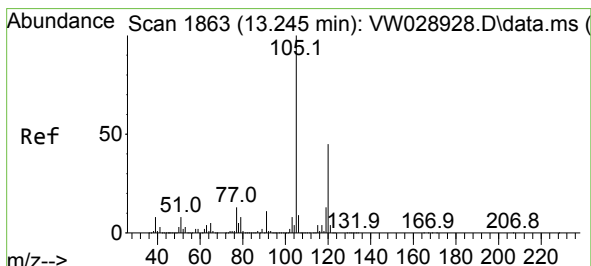
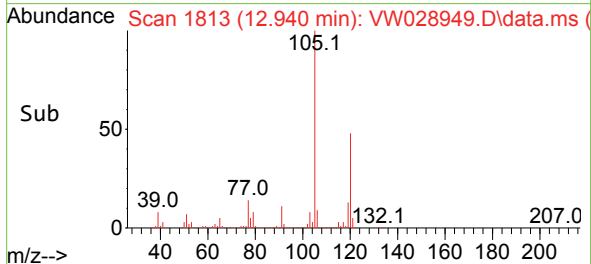
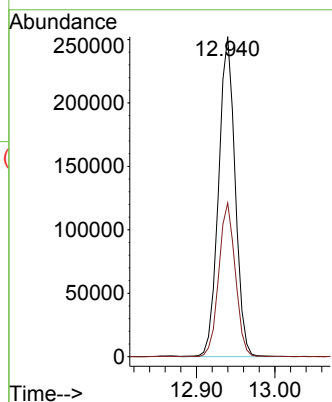


#62
1,3,5-Trimethylbenzene
Concen: 27.327 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Instrument :
MSVOA_W
ClientSampleId :

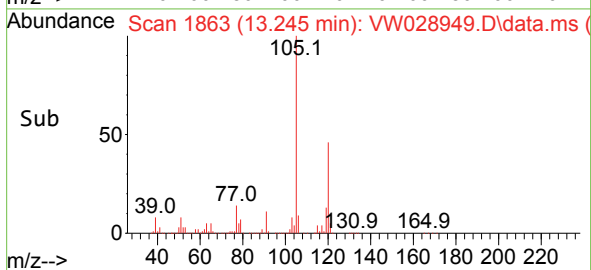
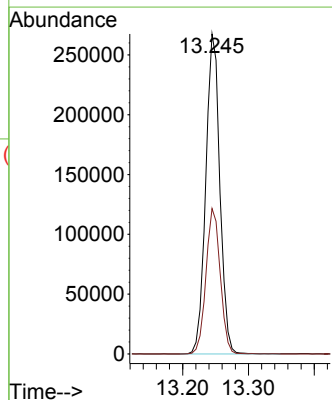
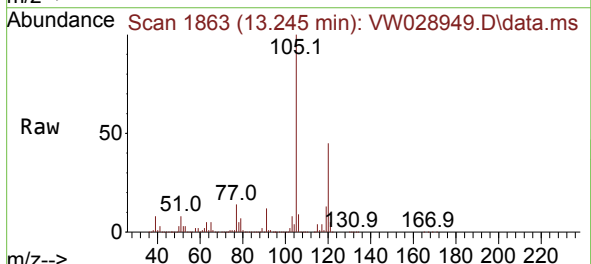


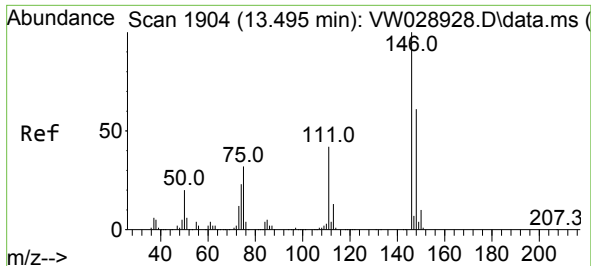
Tgt Ion:105 Resp: 371699
Ion Ratio Lower Upper
105 100
120 47.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 27.214 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion:105 Resp: 398840
Ion Ratio Lower Upper
105 100
120 45.9 34.1 51.1

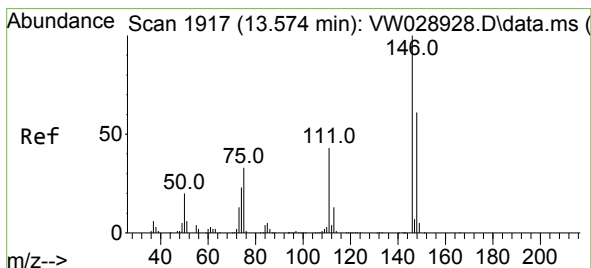
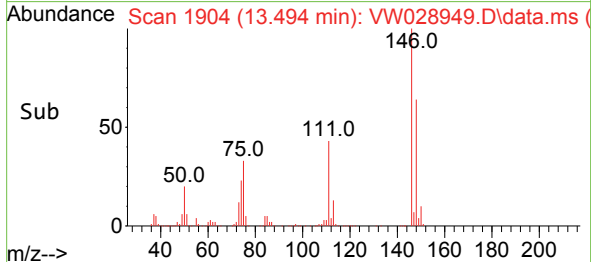
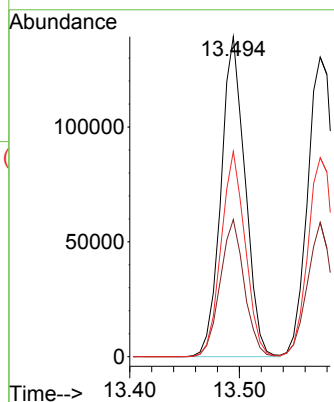
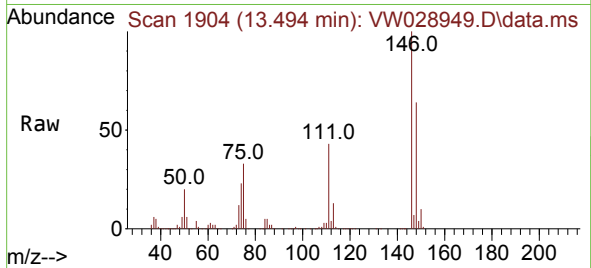




#64
1,3-Dichlorobenzene
Concen: 26.615 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

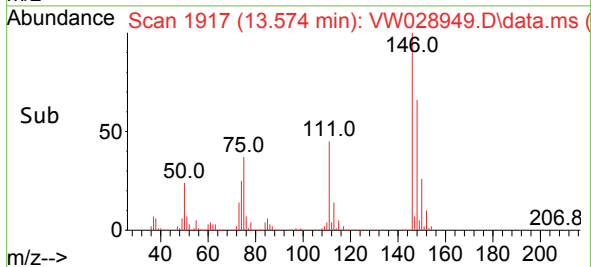
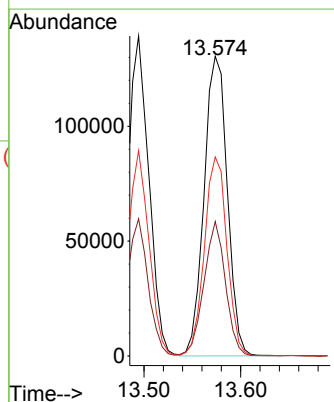
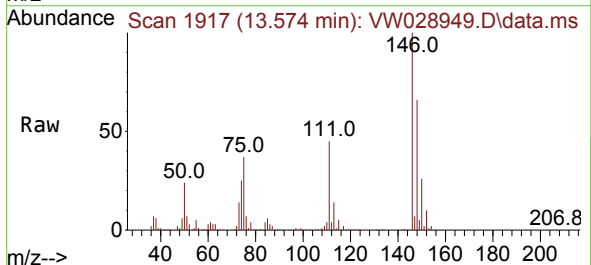
Instrument :
MSVOA_W
ClientSampleId :

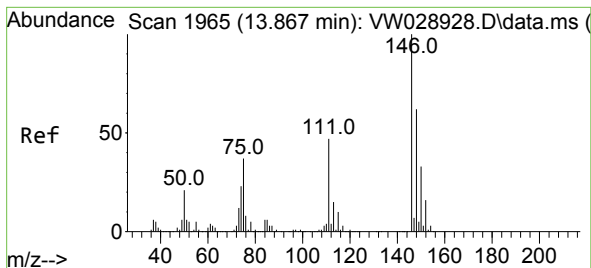
Tgt Ion:146 Resp: 212850
Ion Ratio Lower Upper
146 100
111 42.9 30.7 57.1
148 64.1 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 26.660 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028949.D
Acq: 31 May 2024 17:37

Tgt Ion:146 Resp: 217985
Ion Ratio Lower Upper
146 100
111 44.9 29.1 54.1
148 66.4 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 27.281 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :

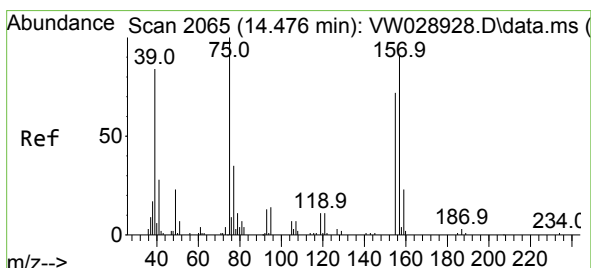
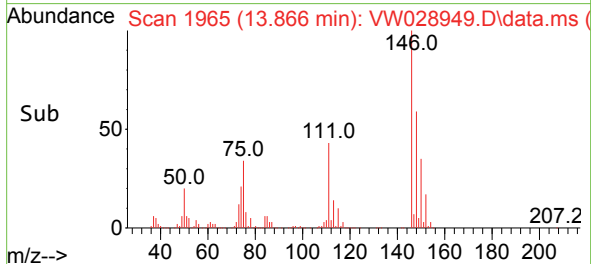
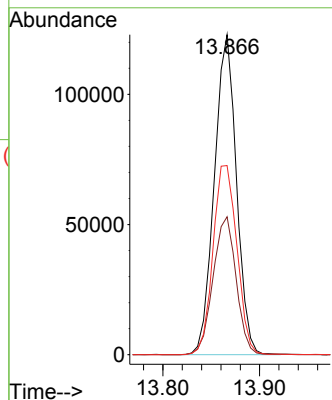
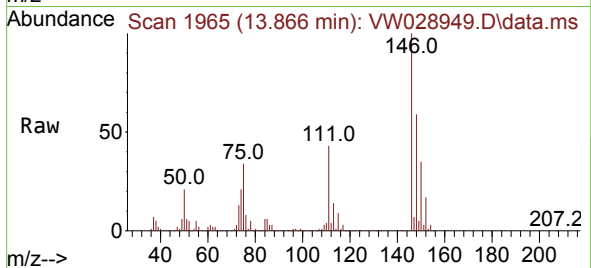
Tgt Ion:146 Resp: 195276

Ion Ratio Lower Upper

146 100

111 43.1 34.7 52.1

148 59.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 20.944 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

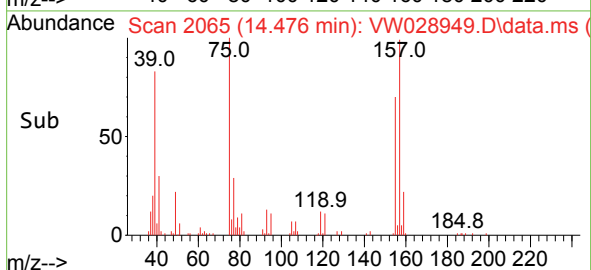
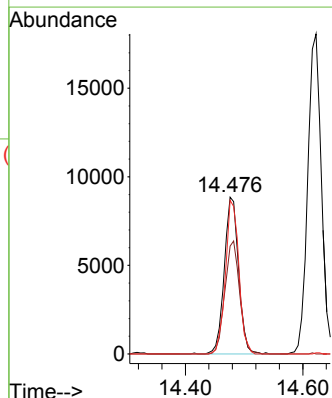
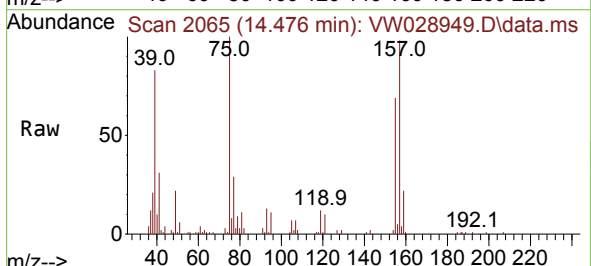
Tgt Ion: 75 Resp: 14996

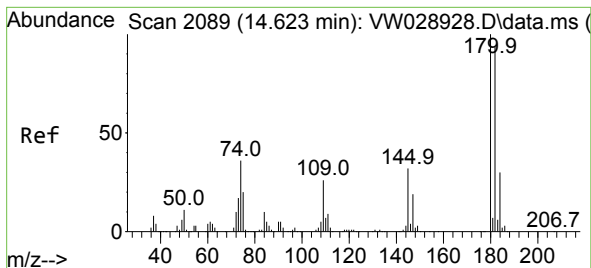
Ion Ratio Lower Upper

75 100

155 68.7 55.1 82.7

157 98.0 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 27.316 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

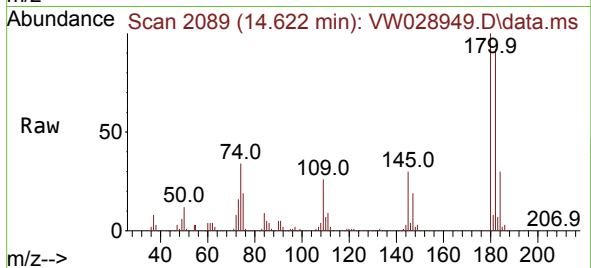
Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 146593

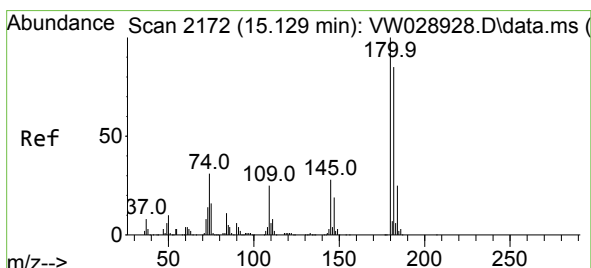
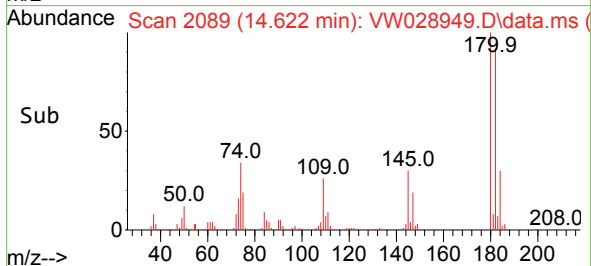
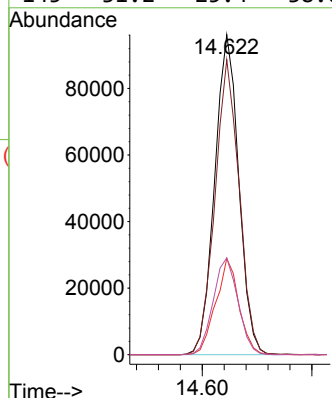
Ion Ratio Lower Upper

180 100

182 92.8 75.4 113.2

184 29.0 24.0 36.0

145 31.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 27.957 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

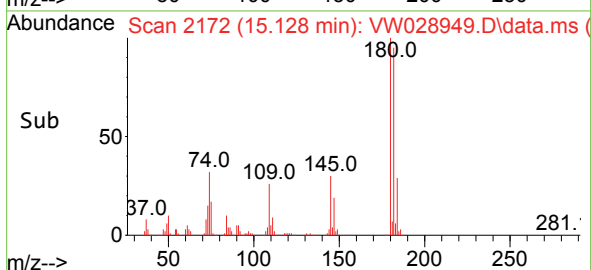
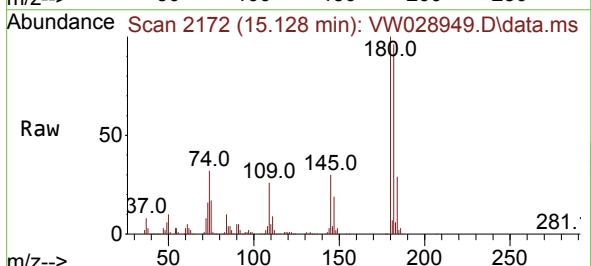
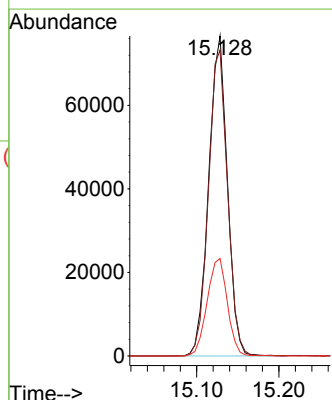
Tgt Ion:180 Resp: 121229

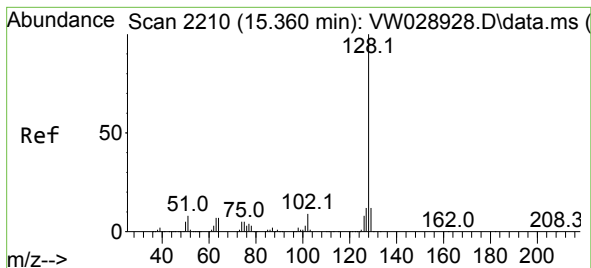
Ion Ratio Lower Upper

180 100

182 97.3 77.2 115.8

145 32.8 26.6 39.8





#71

Naphthalene

Concen: 24.912 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Instrument :

MSVOA_W

ClientSampleId :

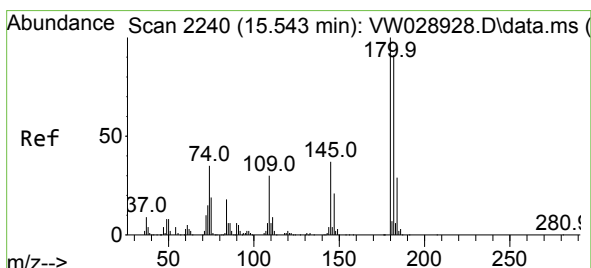
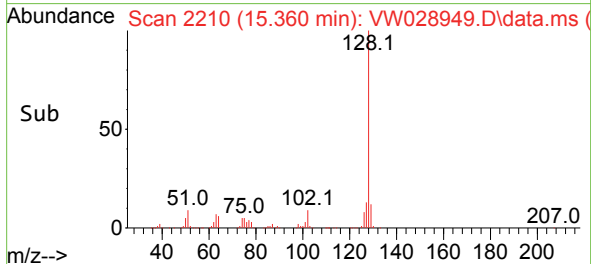
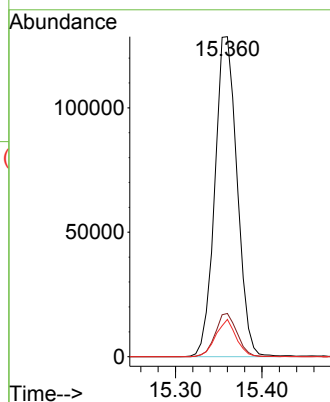
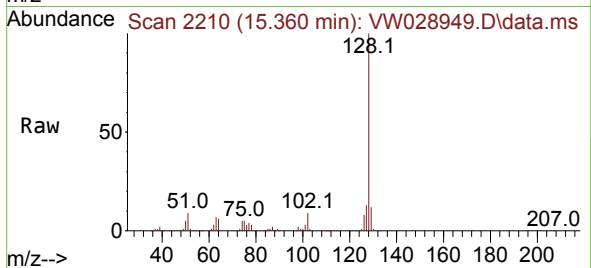
Tgt Ion:128 Resp: 230154

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.723 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028949.D

Acq: 31 May 2024 17:37

Tgt Ion:180 Resp: 104561

Ion Ratio Lower Upper

180 100

182 100.7 76.1 114.1

145 34.8 28.3 42.5

