

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
 Data File : VW030163.D
 Acq On : 19 Sep 2024 21:20
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 01:34:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 01:21:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	360195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335801	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169037	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82804	17.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.200%
7) Chloroethane-d5	2.899	69	65201	19.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	4.027	65	45475	19.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.280%
21) 2-Butanone-d5	7.081	46	57343	50.911	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.820%
24) Chloroform-d	7.648	84	222635	22.480	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.920%
26) 1,2-Dichloroethane-d4	8.307	65	111648	22.449	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	8.276	84	433593	22.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	9.270	67	132257	22.143	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.560%
41) Toluene-d8	10.318	98	411722	23.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	10.575	79	54696	22.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.922	63	53749	58.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111203	25.008	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	133108	23.197	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71883	18.099	ug/L #	88
3) Chloromethane	2.222	50	70292	18.956	ug/L	99
5) Vinyl chloride	2.375	62	91030	19.919	ug/L	100
6) Bromomethane	2.789	94	58880	21.506	ug/L	97
8) Chloroethane	2.936	64	56587	20.747	ug/L	97
9) Trichlorofluoromethane	3.265	101	107834	20.007	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	108775	22.262	ug/L	95
12) 1,1-Dichloroethene	4.051	96	102643	23.873	ug/L	76
13) Acetone	4.131	43	47962	37.116	ug/L	95
14) Carbon disulfide	4.393	76	244569	20.024	ug/L	99
15) Methyl Acetate	4.673	43	50203	24.023	ug/L	93
16) Methylene chloride	4.923	84	126003	23.723	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	110508	23.315	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	204841	27.422	ug/L	97
19) 1,1-Dichloroethane	6.216	63	221703	23.035	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	133994	25.759	ug/L	98
22) 2-Butanone	7.173	43	68878	45.028	ug/L	93
23) Bromochloromethane	7.514	128	60557	26.050	ug/L #	85
25) Chloroform	7.679	83	234715	24.011	ug/L	93

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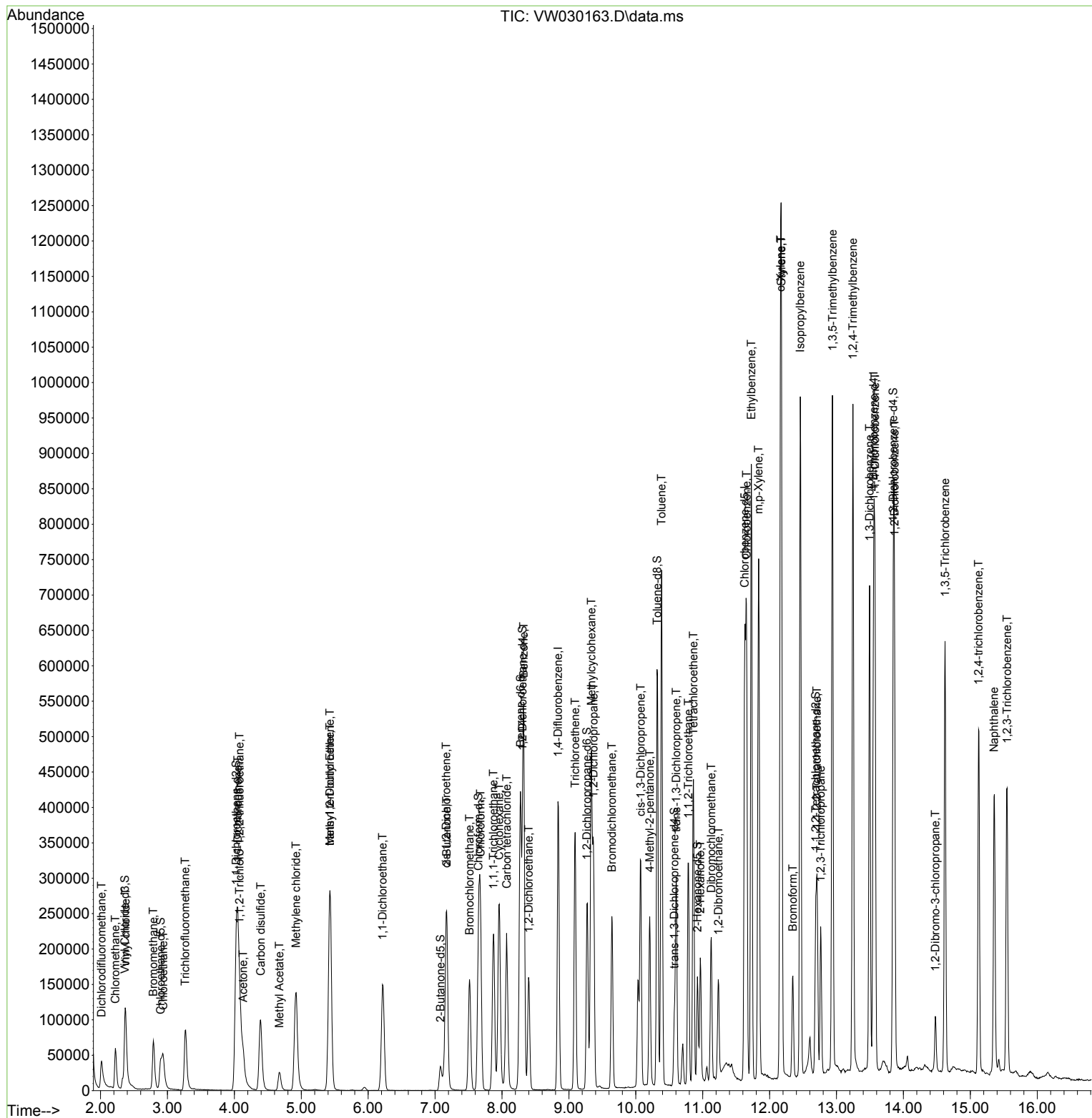
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147450	24.054	ug/L	97
29) Cyclohexane	7.959	56	162125	22.661	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	186758	22.993	ug/L	98
31) Carbon tetrachloride	8.069	117	161358	21.862	ug/L	97
33) Benzene	8.325	78	495851	24.152	ug/L	100
34) Trichloroethene	9.093	95	130886	23.616	ug/L	94
35) Methylcyclohexane	9.337	83	204793	23.969	ug/L	95
37) 1,2-Dichloropropane	9.367	63	133108	23.920	ug/L	99
38) Bromodichloromethane	9.642	83	168505	24.048	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	205205	25.207	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	155346	54.634	ug/L	97
42) Toluene	10.386	91	544682	25.002	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	171745	25.079	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	105098	25.956	ug/L	93
46) Tetrachloroethene	10.861	164	106310	25.996	ug/L	87
48) 2-Hexanone	10.965	43	106613	48.759	ug/L #	94
49) Dibromochloromethane	11.129	129	111910	25.394	ug/L	97
50) 1,2-Dibromoethane	11.233	107	97400	26.087	ug/L #	92
51) Chlorobenzene	11.654	112	352188	25.029	ug/L	91
52) Ethylbenzene	11.727	91	626402	25.119	ug/L	100
53) m,p-Xylene	11.837	106	236533	25.708	ug/L	96
54) o-Xylene	12.166	106	231682	26.759	ug/L	87
55) Styrene	12.178	104	397253	26.452	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	122132	25.270	ug/L	95
59) Bromoform	12.349	173	70348	26.295	ug/L	99
60) Isopropylbenzene	12.458	105	643720	25.865	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	88427	25.146	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	522252	28.630	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	502785	26.513	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	277233	25.134	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	269677	23.665	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	254191	25.571	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	19236	25.082	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.623	180	196364	25.505	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	166229	26.654	ug/L	98
71) Naphthalene	15.354	128	355395	31.381	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	143990	26.329	ug/L	96

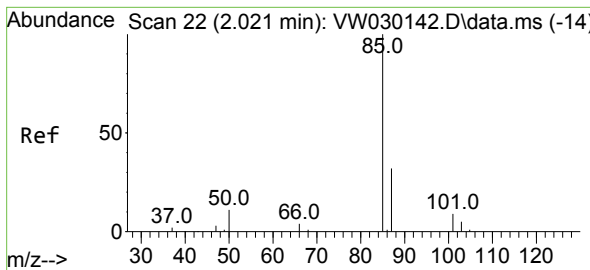
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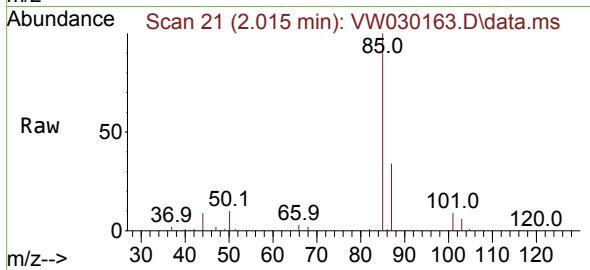
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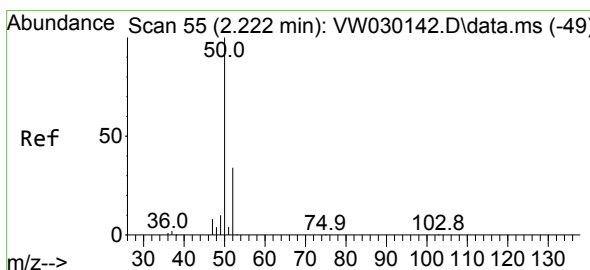
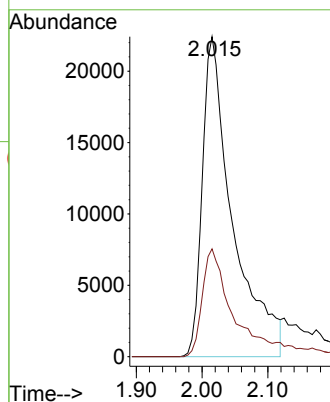
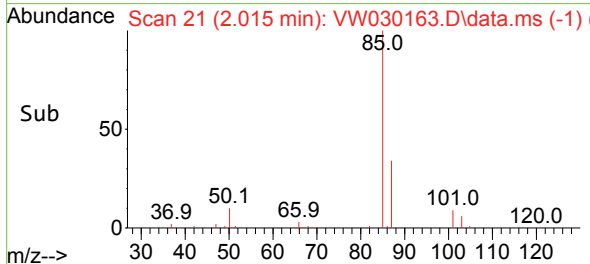


#2
 Dichlorodifluoromethane
 Concen: 18.099 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW030163.D
 Acq: 19 Sep 2024 21:20

Instrument :
 MSVOA_W
 ClientSampleId :

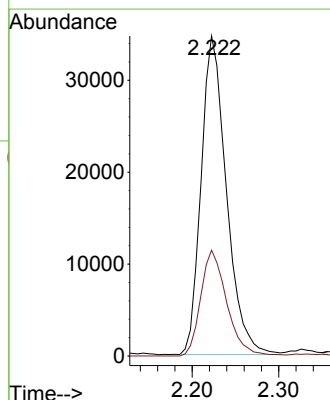
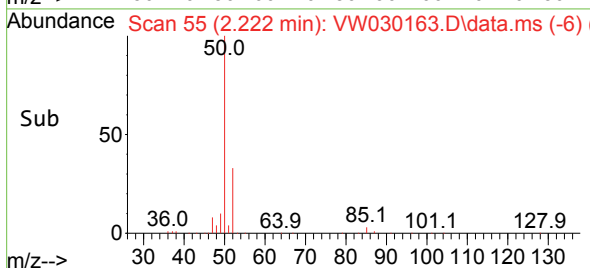
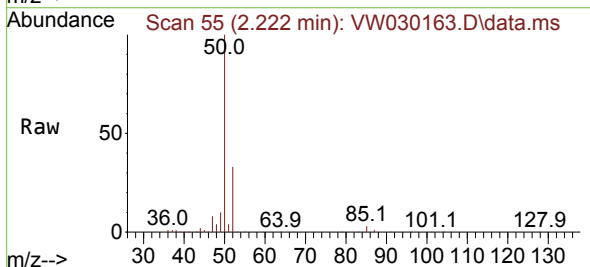


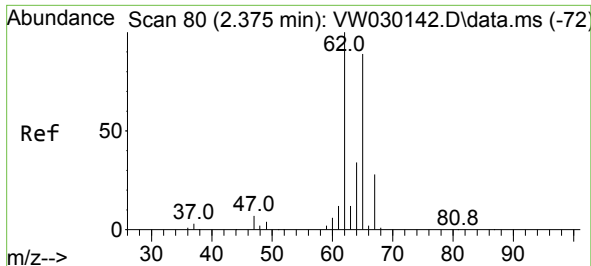
Tgt Ion: 85 Resp: 71883
 Ion Ratio Lower Upper
 85 100
 87 32.7 21.2 31.8#



#3
 Chloromethane
 Concen: 18.956 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030163.D
 Acq: 19 Sep 2024 21:20

Tgt Ion: 50 Resp: 70292
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6

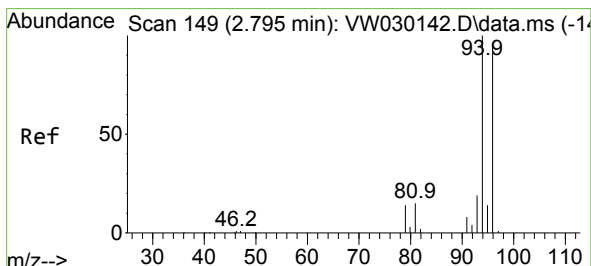
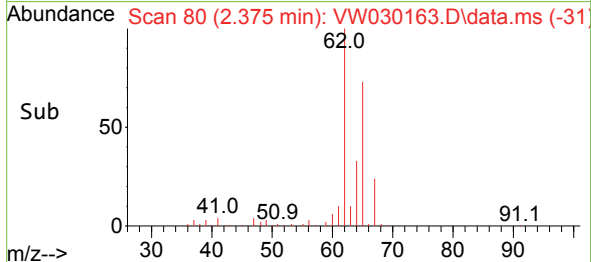
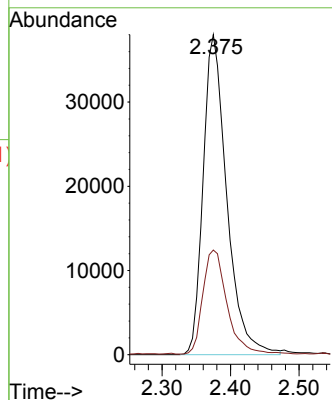
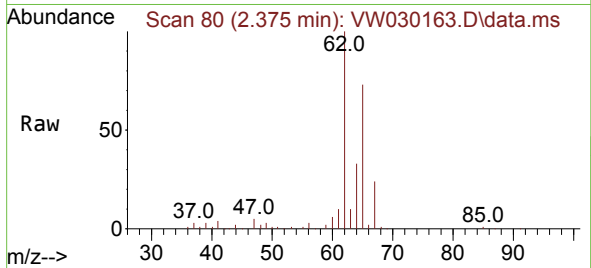




#5
 Vinyl chloride
 Concen: 19.919 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030163.D
 Acq: 19 Sep 2024 21:20

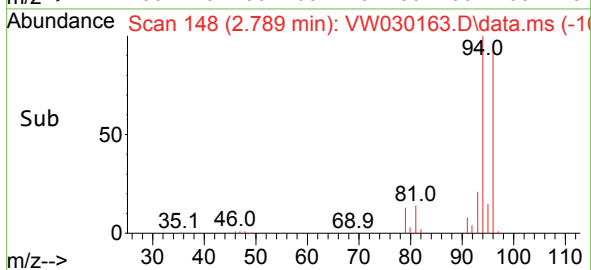
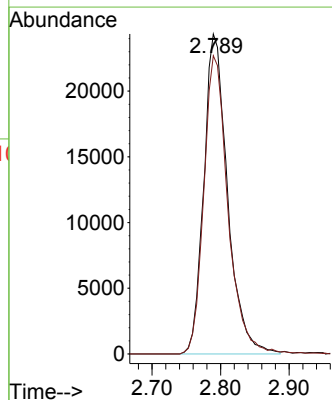
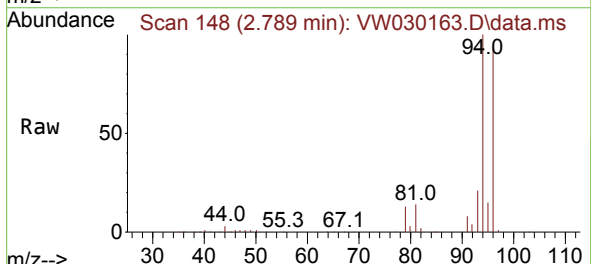
Instrument :
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 ClientSampleId :

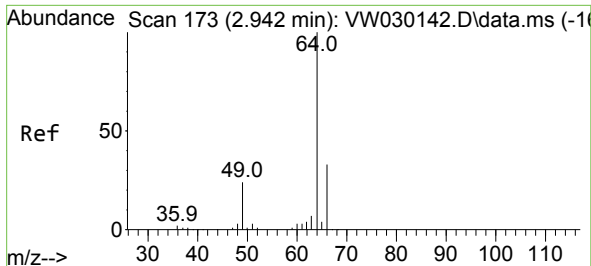
Tgt Ion: 62 Resp: 91030
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.8



#6
 Bromomethane
 Concen: 21.506 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030163.D
 Acq: 19 Sep 2024 21:20

Tgt Ion: 94 Resp: 58880
 Ion Ratio Lower Upper
 94 100
 96 93.2 67.5 125.3





#8

Chloroethane

Concen: 20.747 ug/L

RT: 2.936 min Scan# 172

Delta R.T. -0.006 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

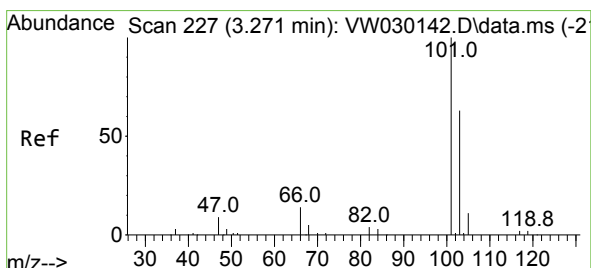
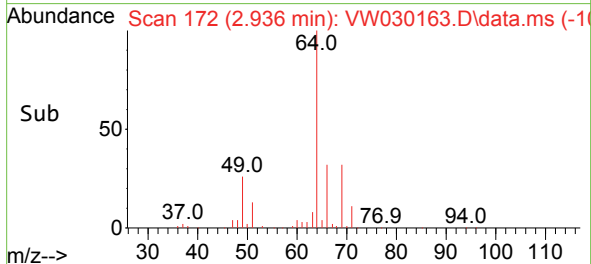
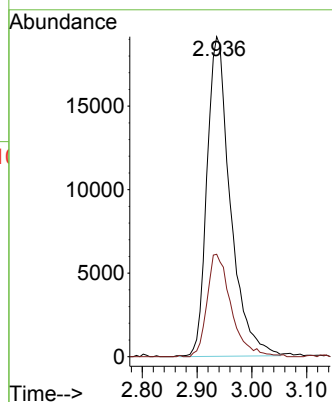
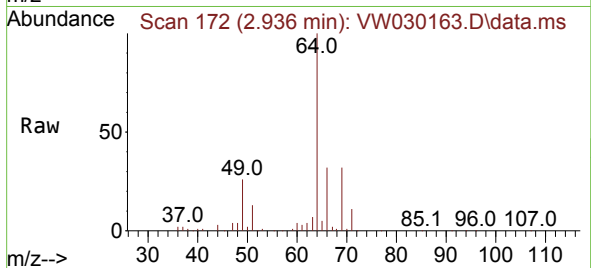
ClientSampleId :

Tgt Ion: 64 Resp: 56587

Ion Ratio Lower Upper

64 100

66 32.0 21.1 39.3



#9

Trichlorofluoromethane

Concen: 20.007 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW030163.D

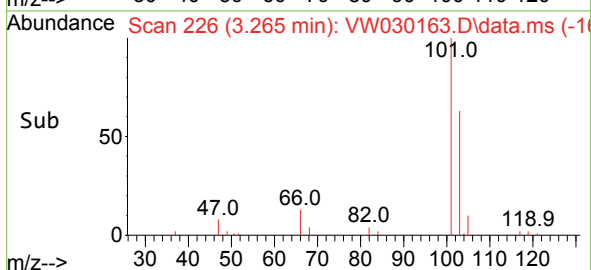
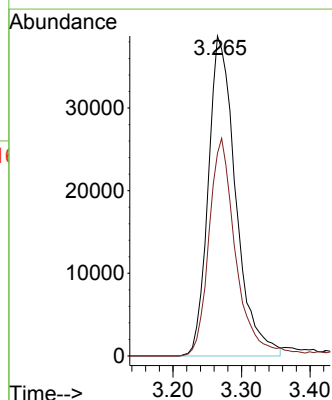
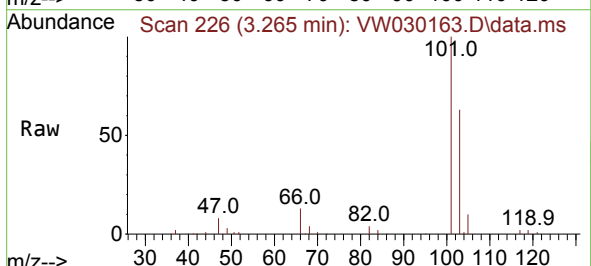
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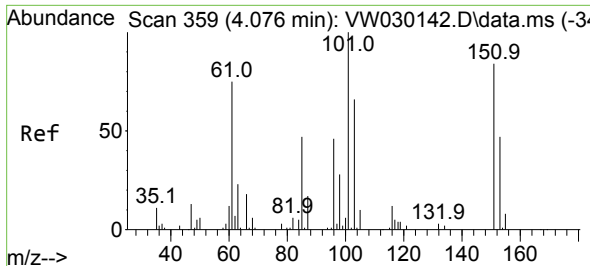
Tgt Ion:101 Resp: 107834

Ion Ratio Lower Upper

101 100

103 65.1 51.8 77.6

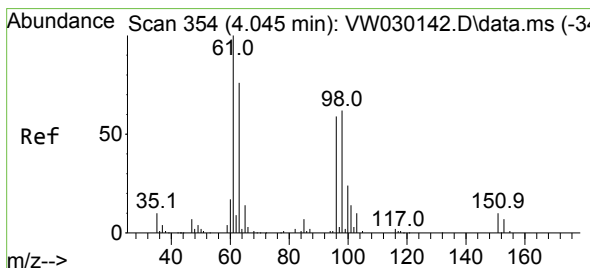
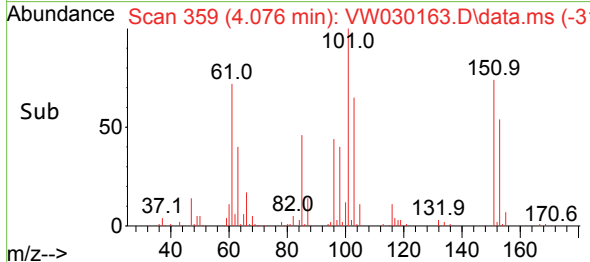
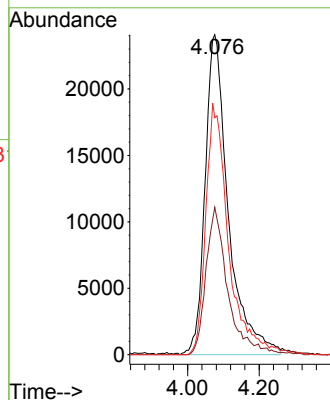
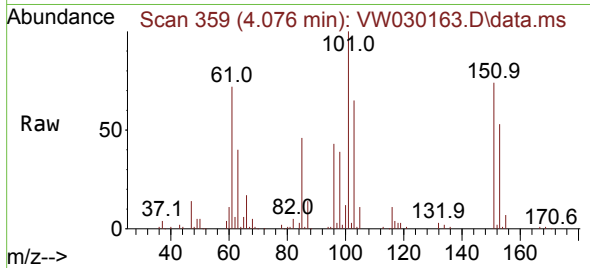




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.262 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW030163.D
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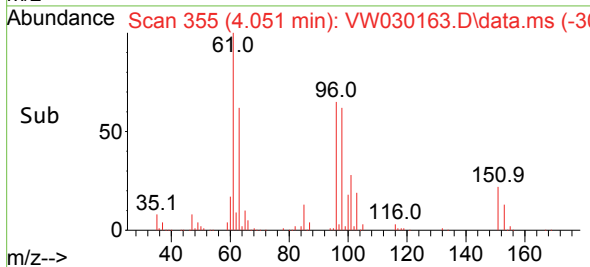
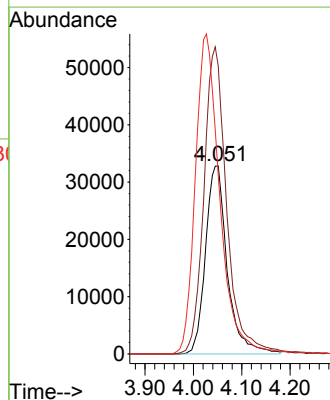
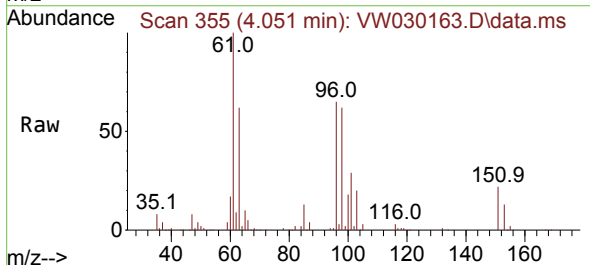
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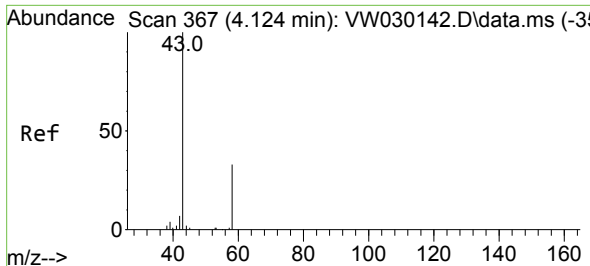
Tgt Ion:101 Resp: 108775
 Ion Ratio Lower Upper
 101 100
 85 39.8 34.2 51.2
 151 74.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 23.873 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW030163.D
 Acq: 19 Sep 2024 21:20

Tgt Ion: 96 Resp: 102643
 Ion Ratio Lower Upper
 96 100
 61 153.0 124.0 230.4
 63 94.7 93.3 173.3





#13

Acetone

Concen: 37.116 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.006 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

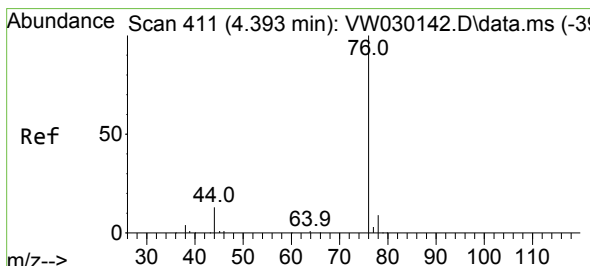
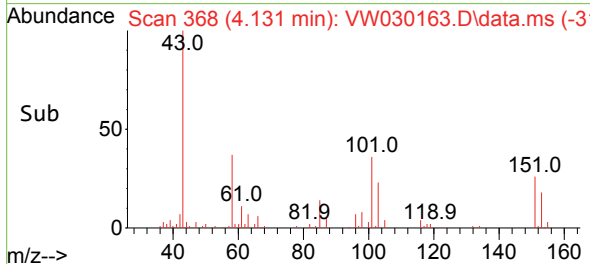
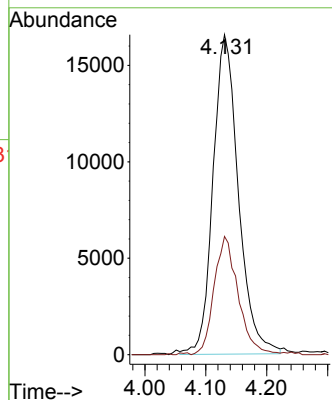
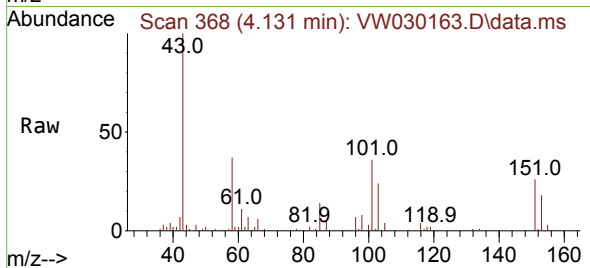
ClientSampleId :

Tgt Ion: 43 Resp: 47962

Ion Ratio Lower Upper

43 100

58 35.1 0.0 65.0



#14

Carbon disulfide

Concen: 20.024 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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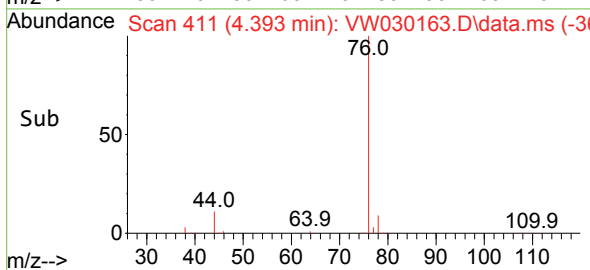
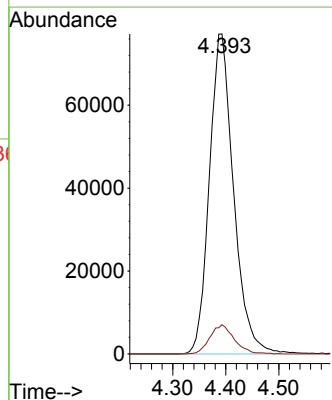
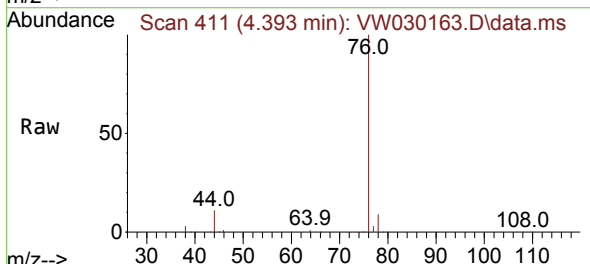
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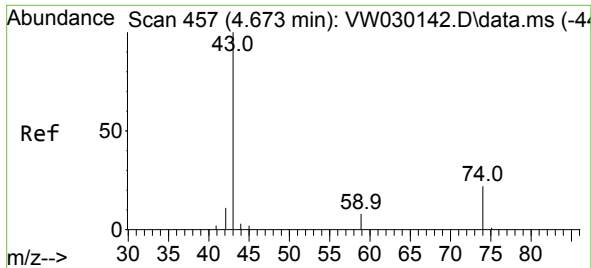
Tgt Ion: 76 Resp: 244569

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

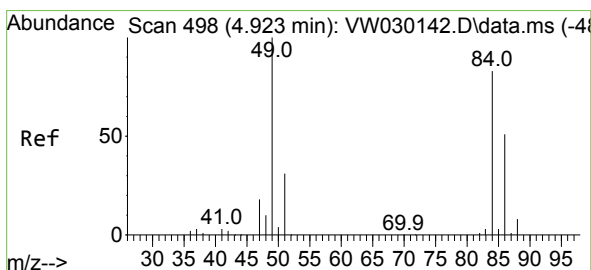
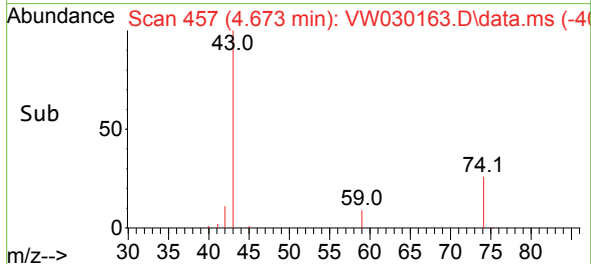
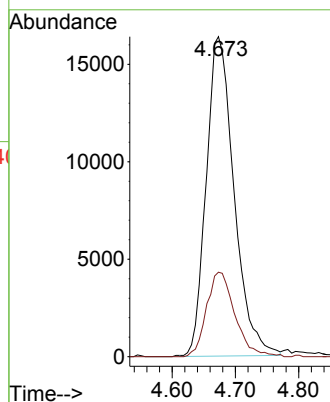
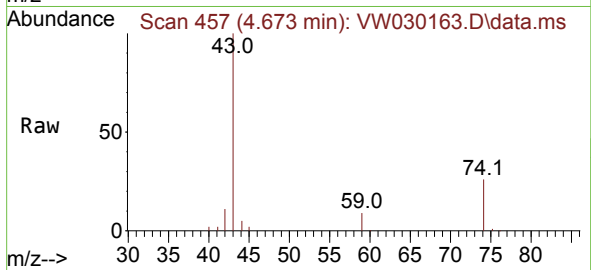




#15
Methyl Acetate
Concen: 24.023 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

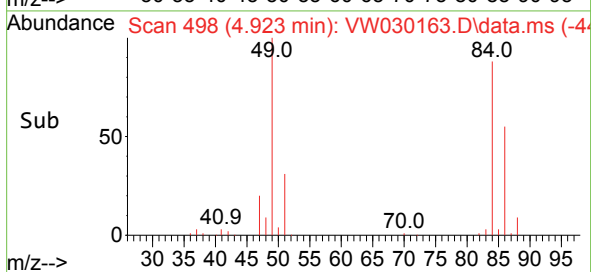
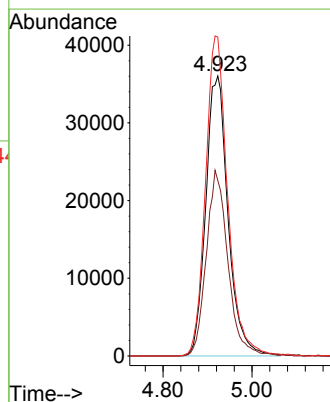
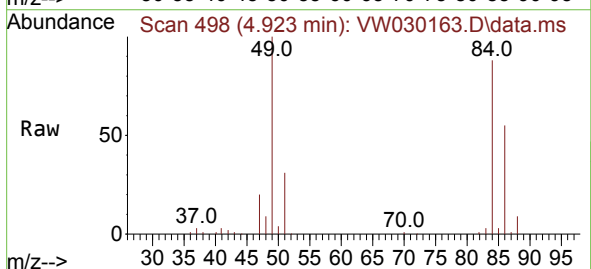
Instrument :
MSVOA_W
ClientSampleId :

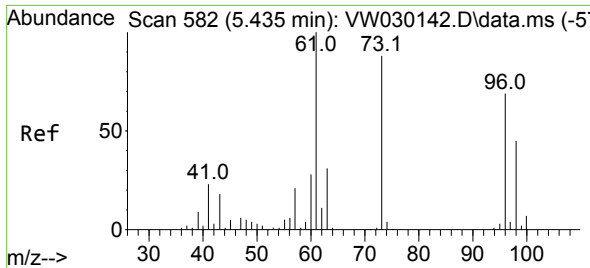
Tgt Ion: 43 Resp: 50203
Ion Ratio Lower Upper
43 100
74 26.9 18.9 28.3



#16
Methylene chloride
Concen: 23.723 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Tgt Ion: 84 Resp: 126003
Ion Ratio Lower Upper
84 100
86 62.7 44.6 82.8
49 113.9 83.8 155.6

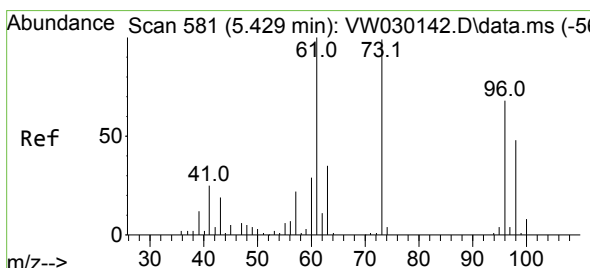
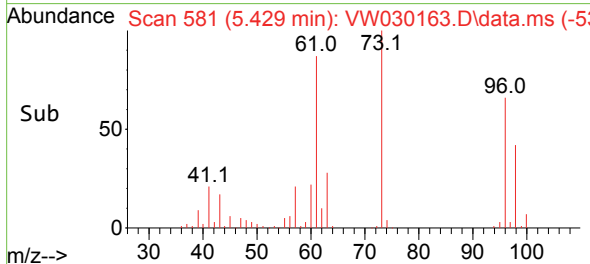
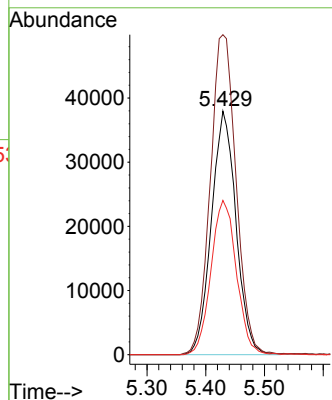
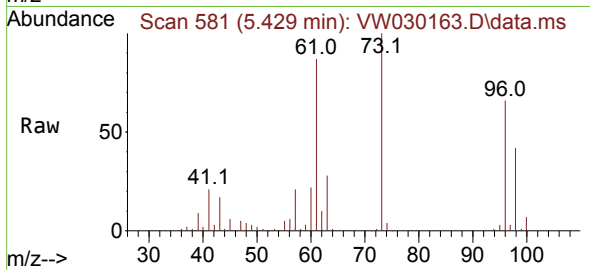




#17
trans-1,2-Dichloroethene
Concen: 23.315 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

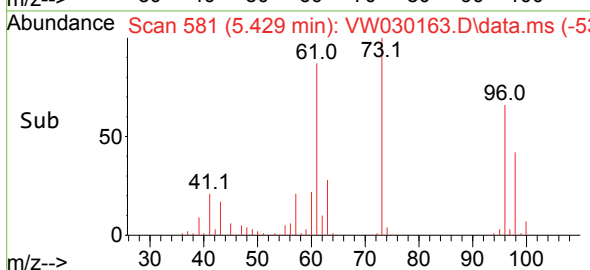
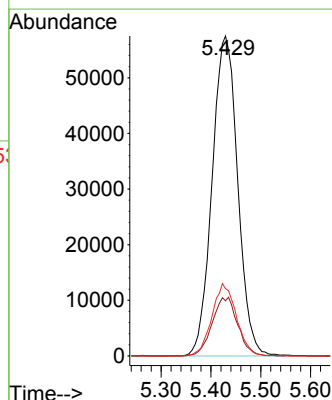
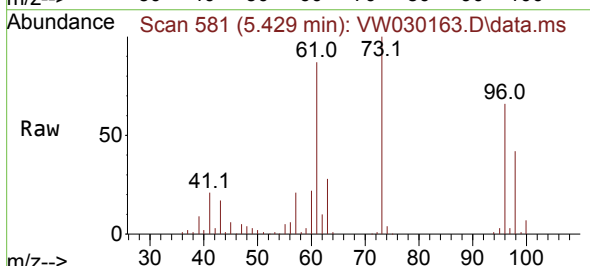
Instrument :
MSVOA_W
ClientSampleId :

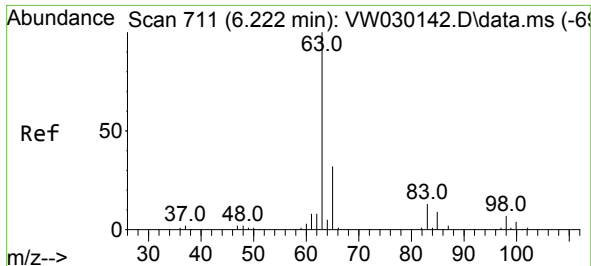
Tgt Ion: 96 Resp: 110508
Ion Ratio Lower Upper
96 100
61 131.4 100.8 187.2
98 63.3 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 27.422 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Tgt Ion: 73 Resp: 204841
Ion Ratio Lower Upper
73 100
43 18.3 15.7 23.5
57 21.7 18.8 28.2





#19

1,1-Dichloroethane

Concen: 23.035 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :

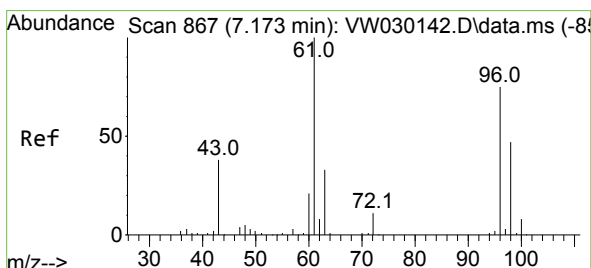
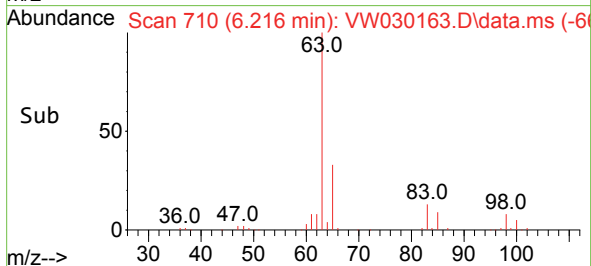
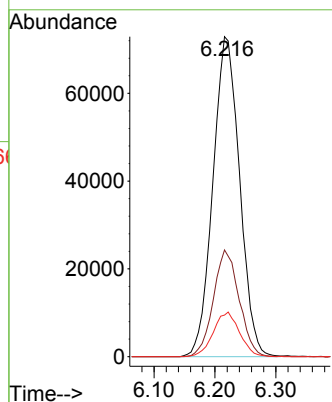
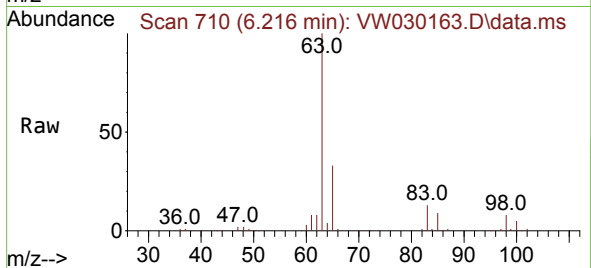
Tgt Ion: 63 Resp: 221703

Ion Ratio Lower Upper

63 100

65 33.4 21.6 40.0

83 13.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.759 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

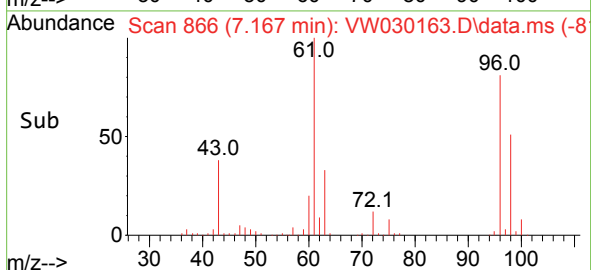
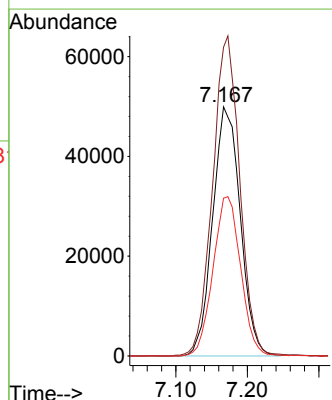
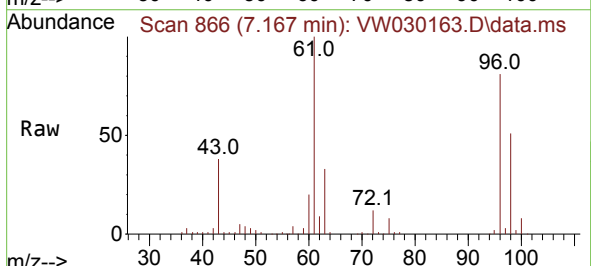
Tgt Ion: 96 Resp: 133994

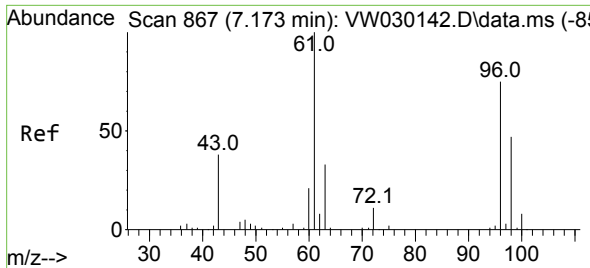
Ion Ratio Lower Upper

96 100

61 123.9 89.5 166.3

98 63.4 44.3 82.3

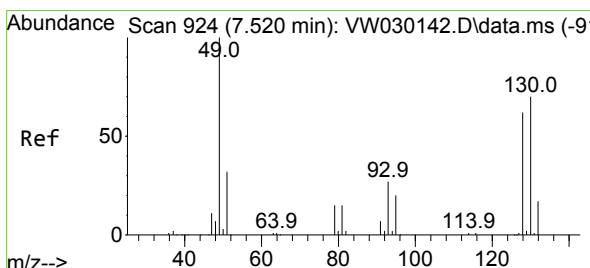
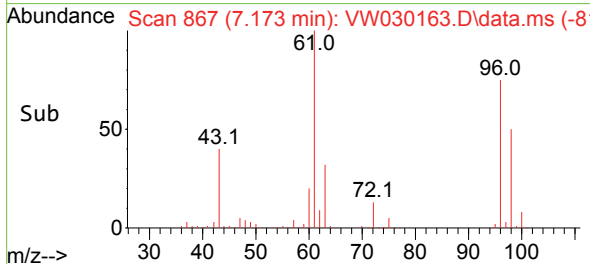
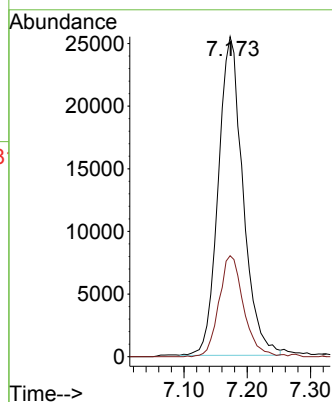
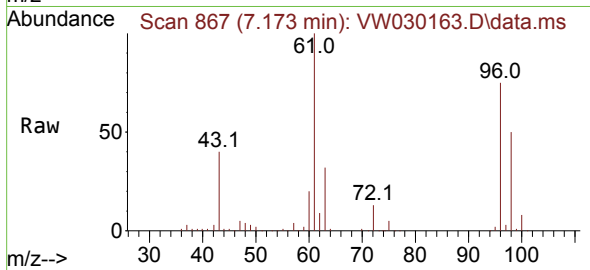




#22
2-Butanone
Concen: 45.028 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

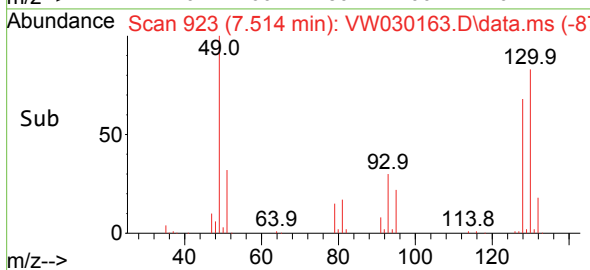
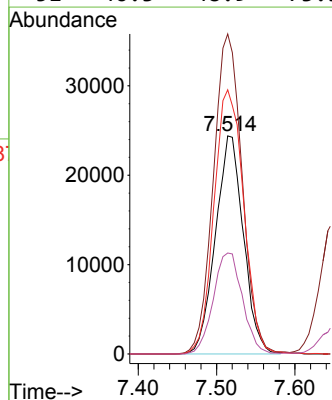
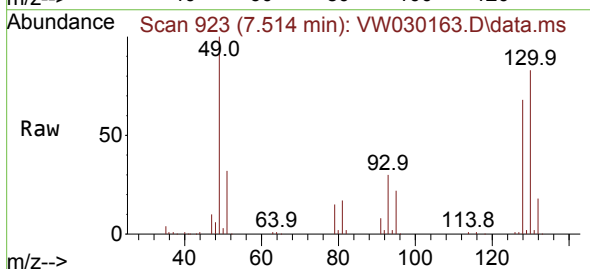
Instrument :
MSVOA_W
ClientSampleId :

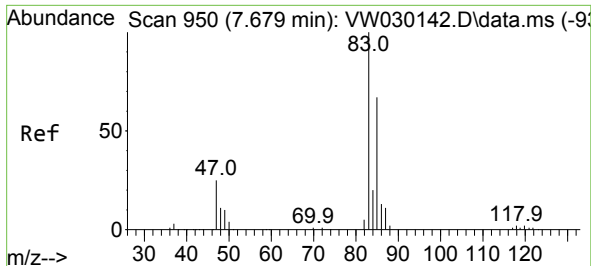
Tgt Ion: 43 Resp: 68878
Ion Ratio Lower Upper
43 100
72 31.3 13.9 41.7



#23
Bromochloromethane
Concen: 26.050 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Tgt Ion:128 Resp: 60557
Ion Ratio Lower Upper
128 100
49 146.7 126.1 234.1
130 121.1 85.9 159.5
51 46.3 48.9 73.3#

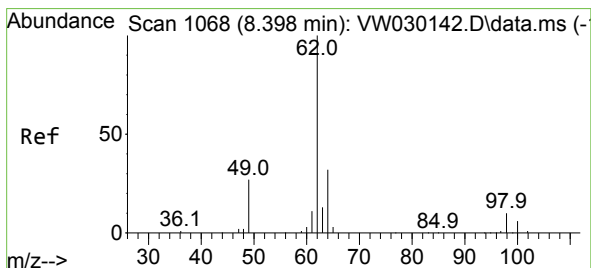
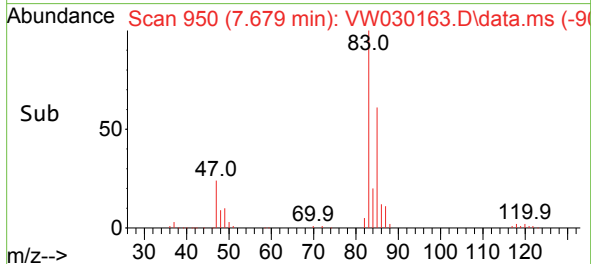
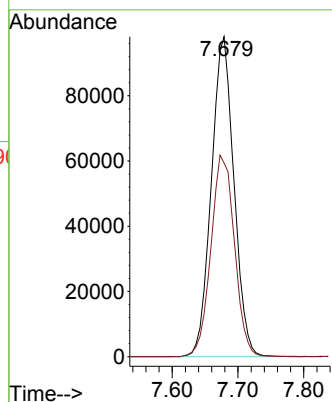
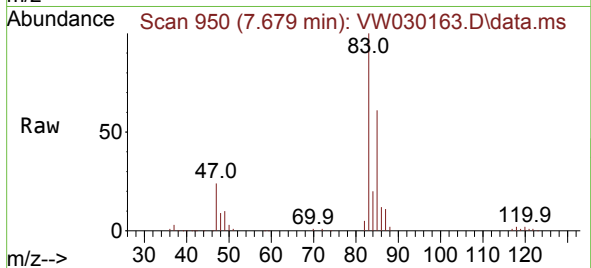




#25
Chloroform
Concen: 24.011 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

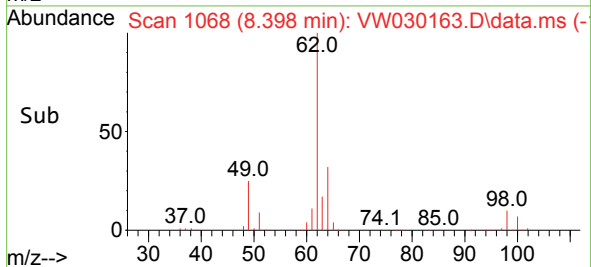
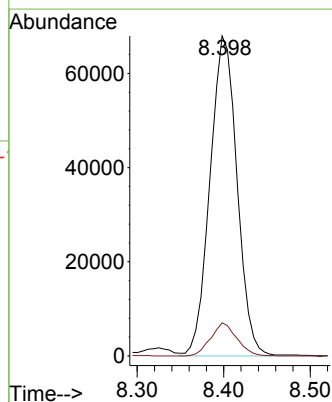
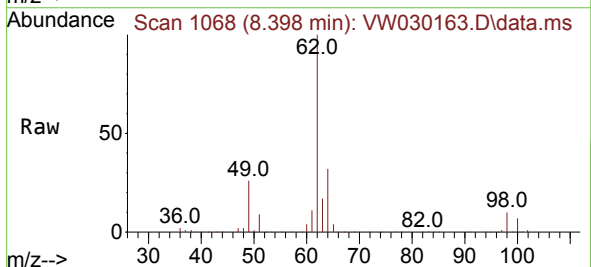
Instrument :
MSVOA_W
ClientSampleId :

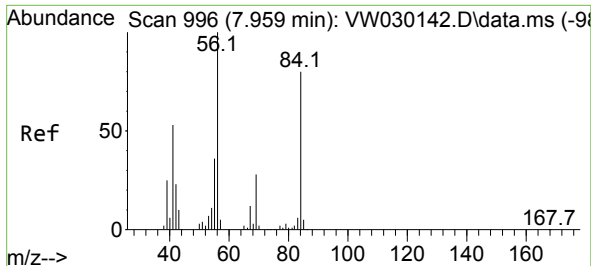
Tgt Ion: 83 Resp: 234715
Ion Ratio Lower Upper
83 100
85 60.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 24.054 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Tgt Ion: 62 Resp: 147450
Ion Ratio Lower Upper
62 100
98 10.4 7.3 10.9





#29

Cyclohexane

Concen: 22.661 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

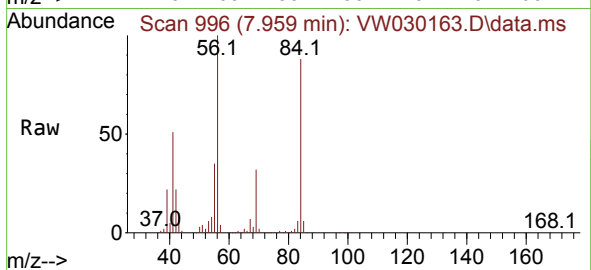
Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :



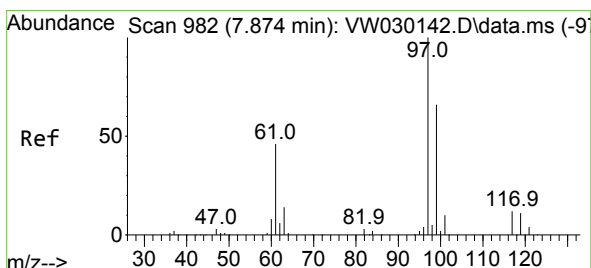
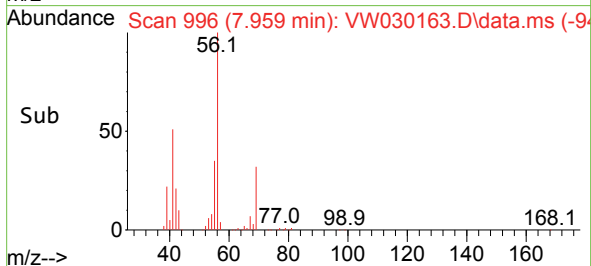
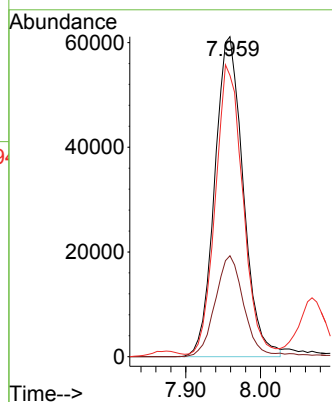
Tgt Ion: 56 Resp: 162125

Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

84 88.2 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 22.993 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

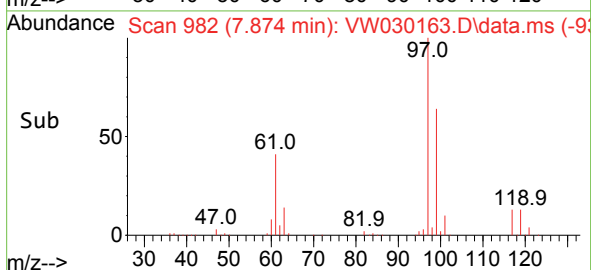
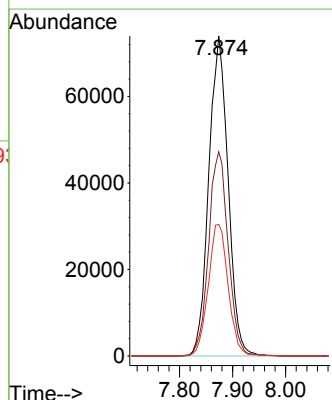
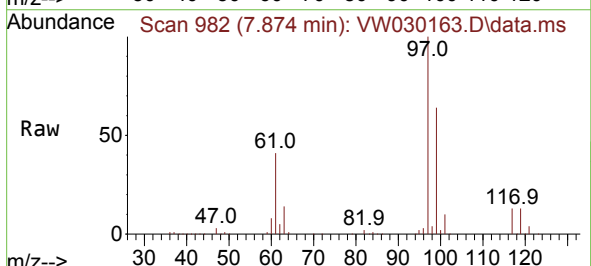
Tgt Ion: 97 Resp: 186758

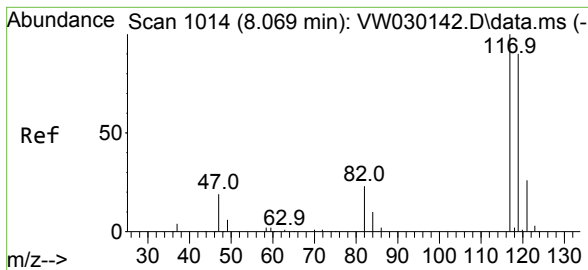
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 42.4 36.4 54.6

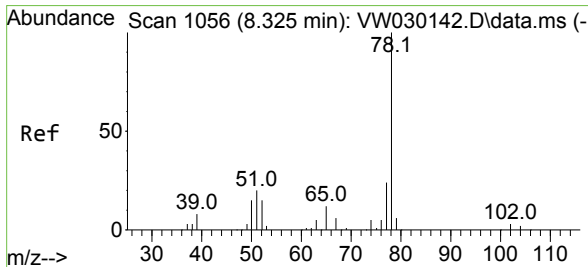
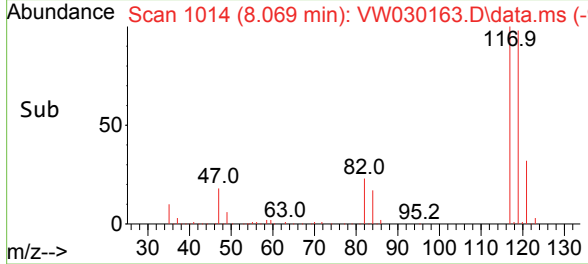
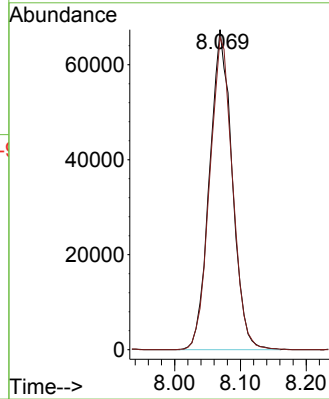
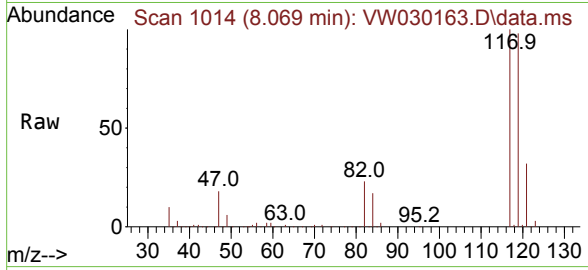




#31
Carbon tetrachloride
Concen: 21.862 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

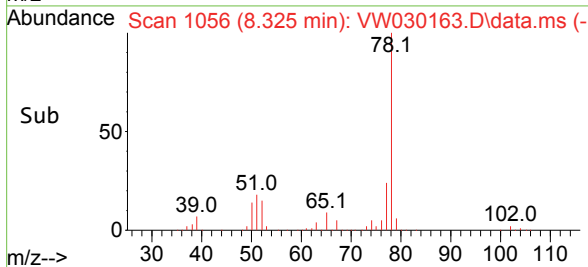
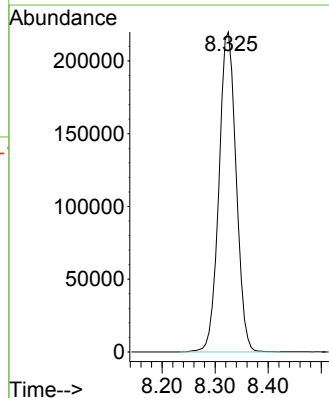
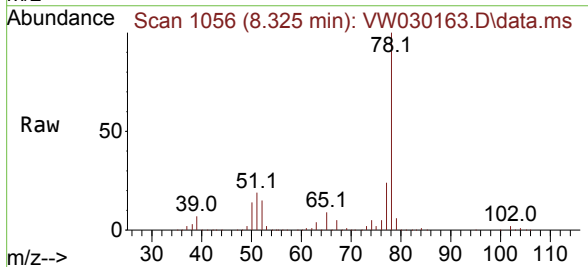
Instrument :
MSVOA_W
ClientSampleId :

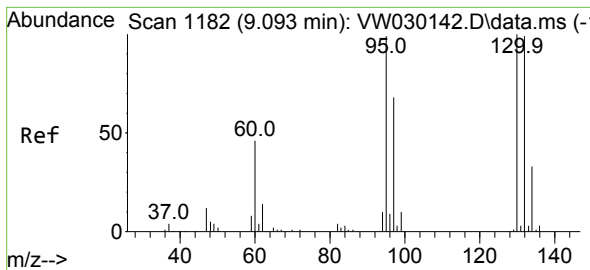
Tgt Ion:117 Resp: 161358
Ion Ratio Lower Upper
117 100
119 98.4 76.2 114.4



#33
Benzene
Concen: 24.152 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Tgt Ion: 78 Resp: 495851





#34

Trichloroethene

Concen: 23.616 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 130886

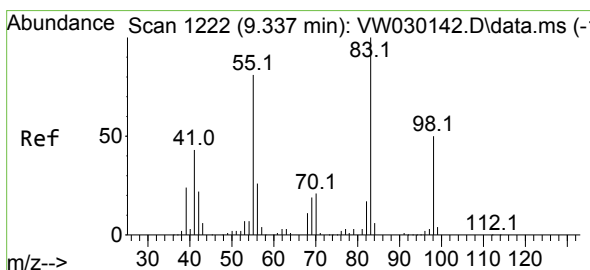
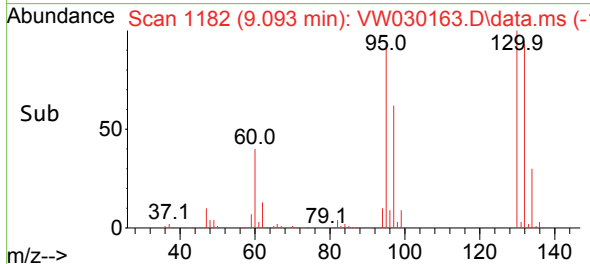
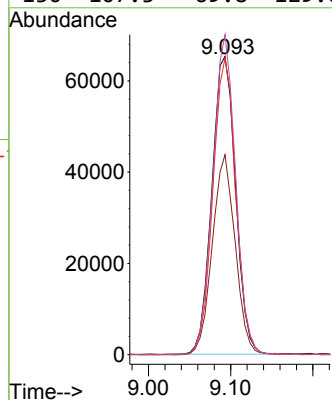
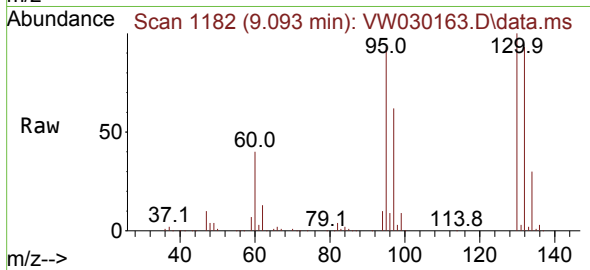
Ion Ratio Lower Upper

95 100

97 67.0 45.2 84.0

132 99.4 64.8 120.3

130 107.3 69.8 129.6



#35

Methylcyclohexane

Concen: 23.969 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

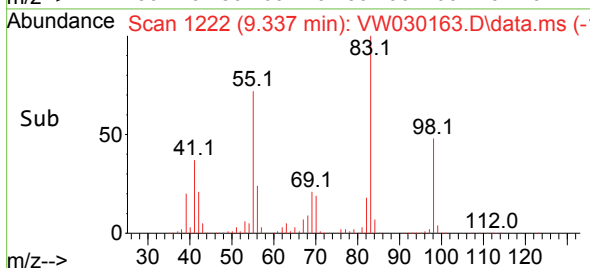
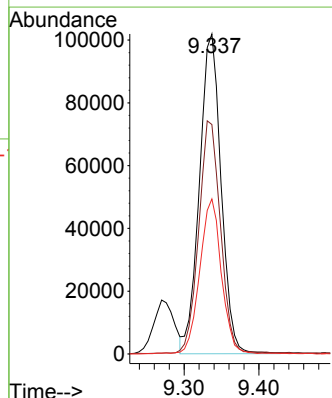
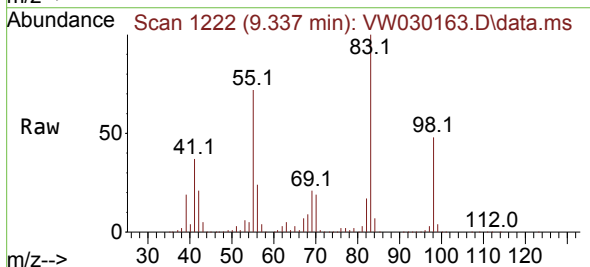
Tgt Ion: 83 Resp: 204793

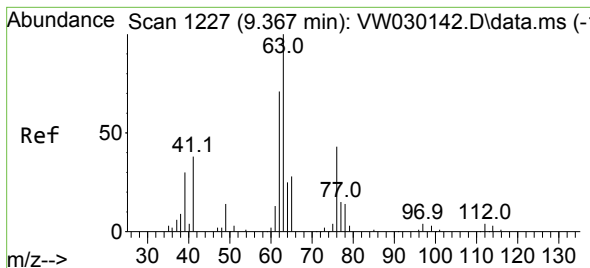
Ion Ratio Lower Upper

83 100

55 72.1 63.0 94.6

98 47.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 23.920 ug/L

RT: 9.367 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

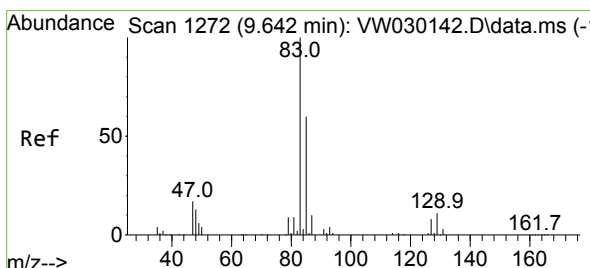
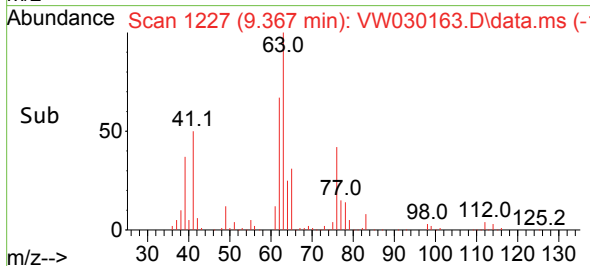
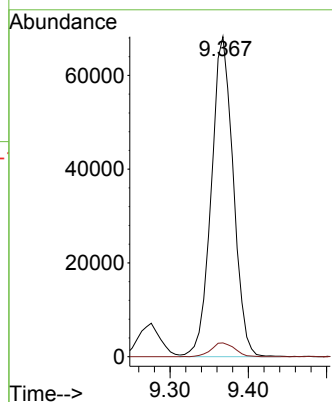
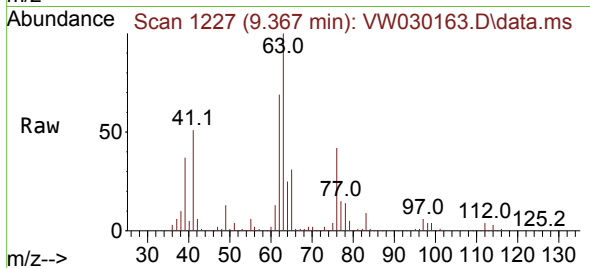
ClientSampleId :

Tgt Ion: 63 Resp: 133108

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 24.048 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

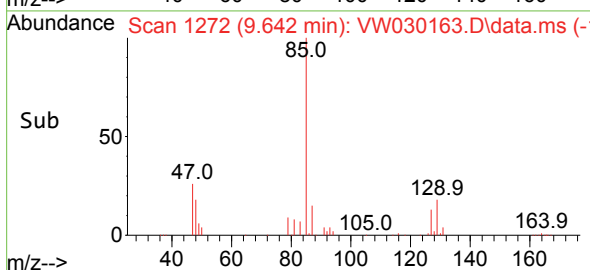
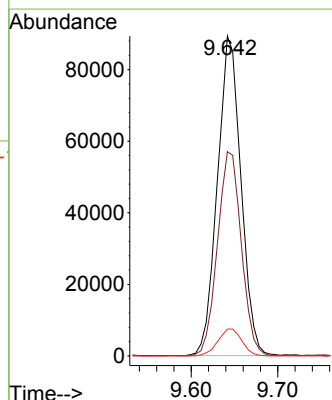
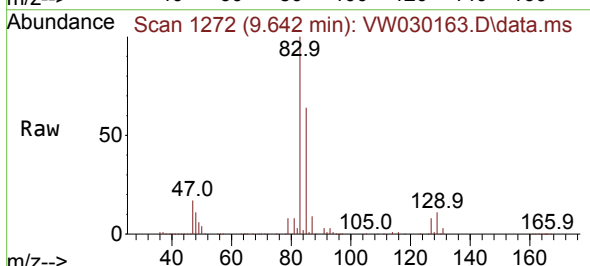
Tgt Ion: 83 Resp: 168505

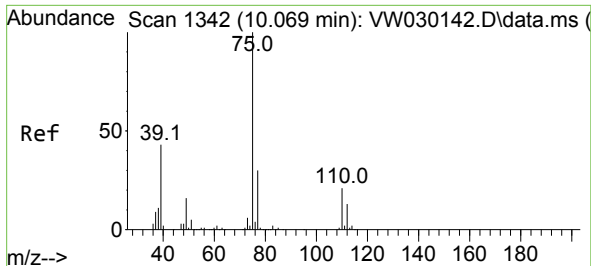
Ion Ratio Lower Upper

83 100

85 63.9 42.6 79.0

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.207 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

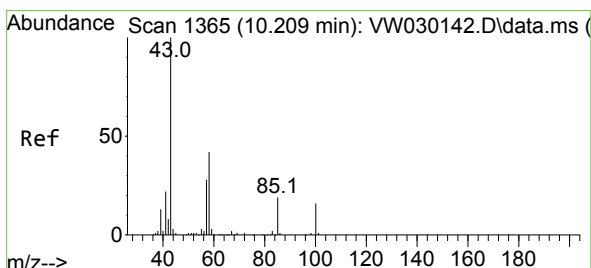
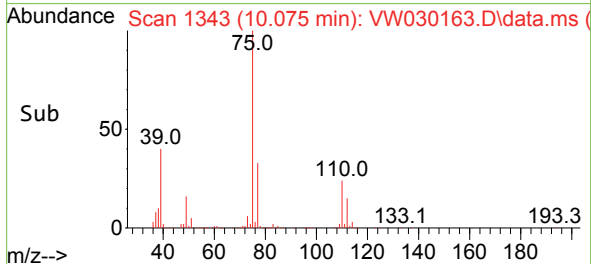
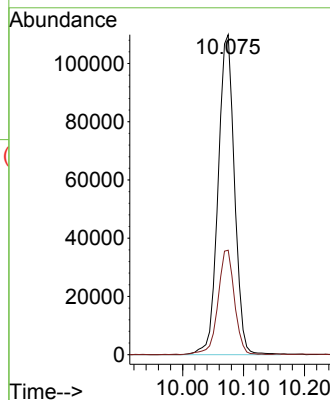
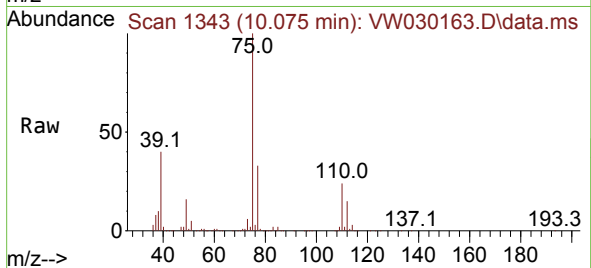
ClientSampleId :

Tgt Ion: 75 Resp: 205205

Ion Ratio Lower Upper

75 100

77 32.6 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 54.634 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

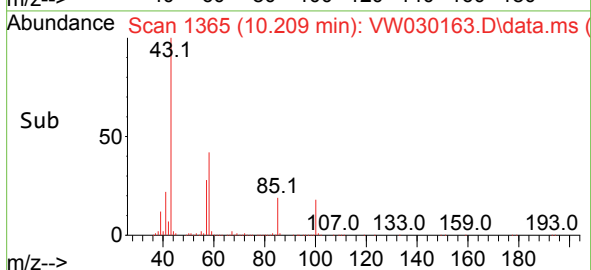
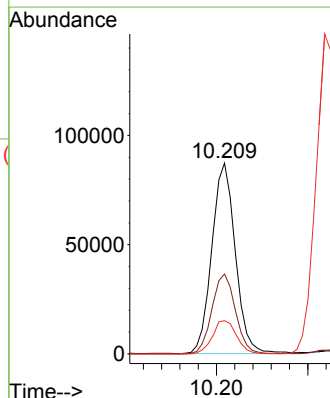
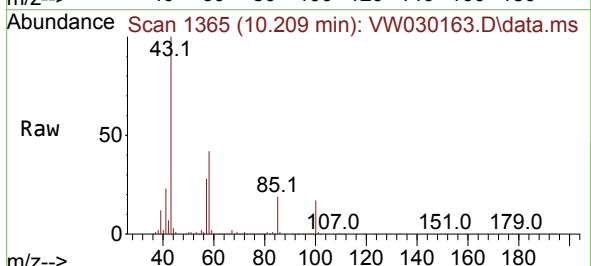
Tgt Ion: 43 Resp: 155346

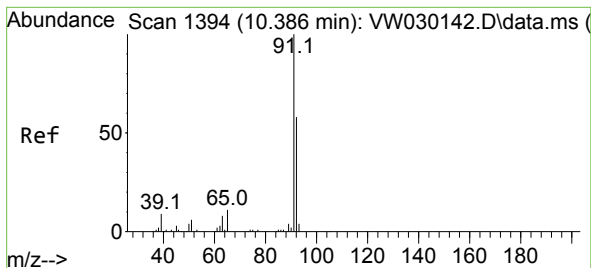
Ion Ratio Lower Upper

43 100

58 42.4 32.7 49.1

100 18.2 12.7 19.1





#42

Toluene

Concen: 25.002 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

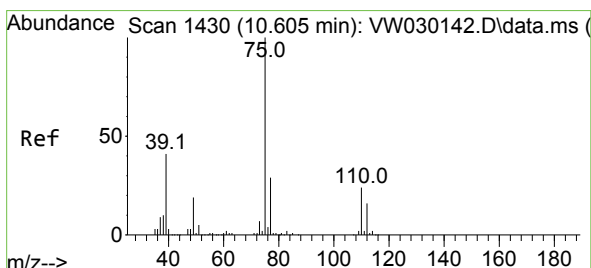
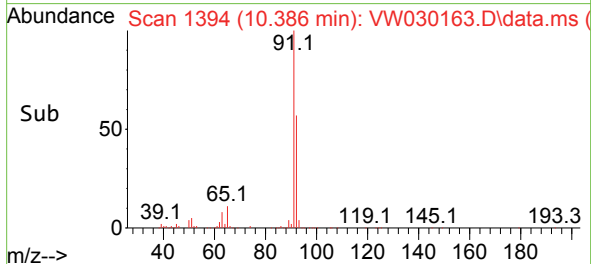
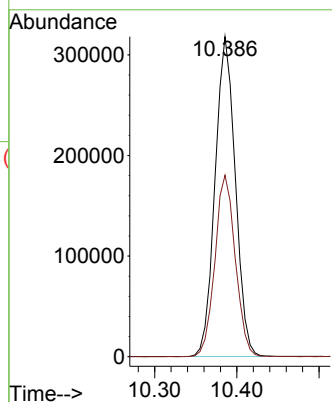
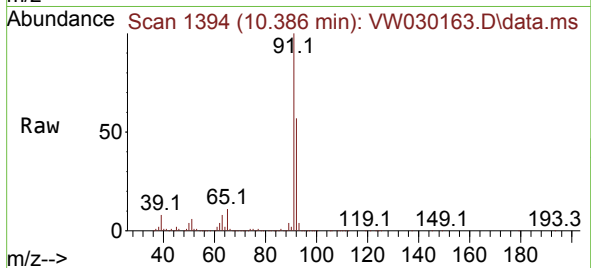
ClientSampleId :

Tgt Ion: 91 Resp: 544682

Ion Ratio Lower Upper

91 100

92 56.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 25.079 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030163.D

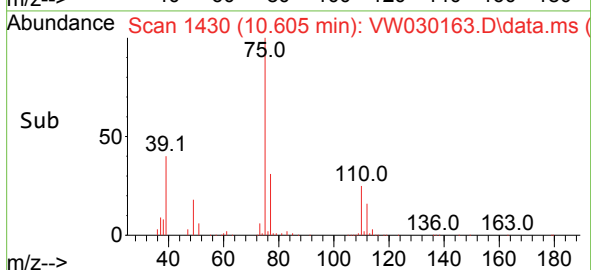
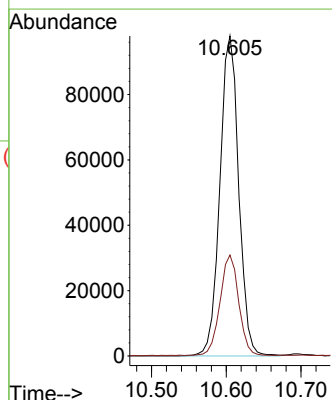
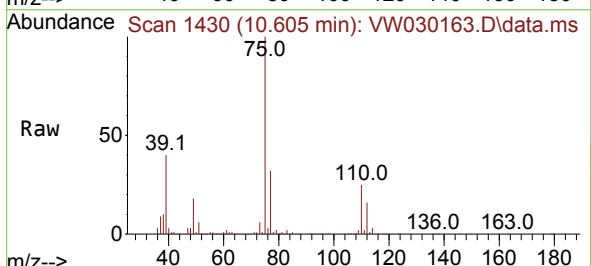
Acq: 19 Sep 2024 21:20

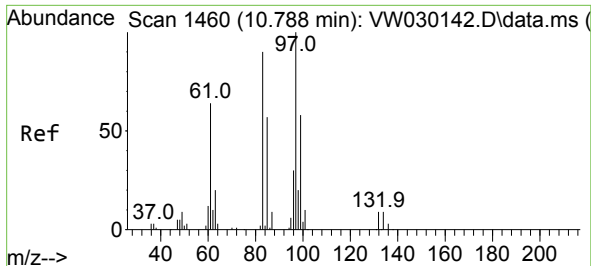
Tgt Ion: 75 Resp: 171745

Ion Ratio Lower Upper

75 100

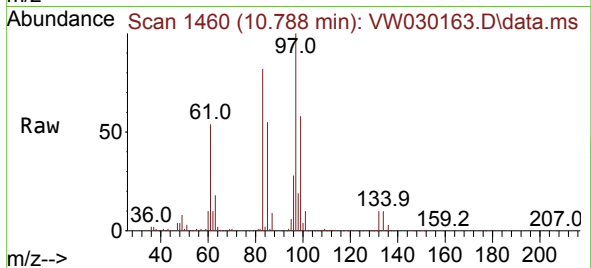
77 31.5 21.2 39.4



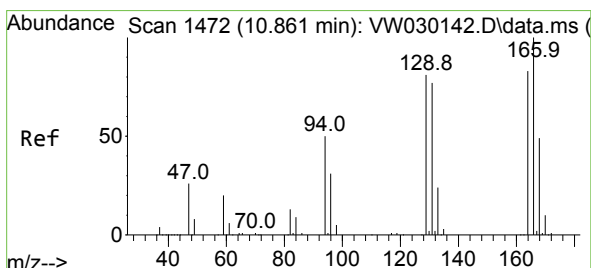
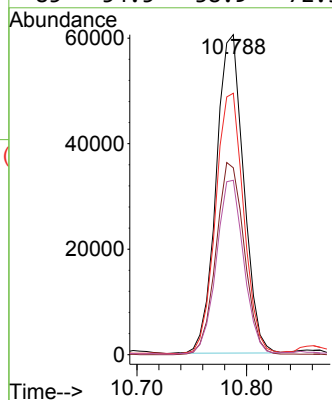
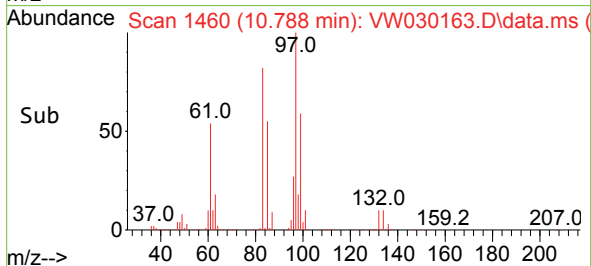


#45
1,1,2-Trichloroethane
Concen: 25.956 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

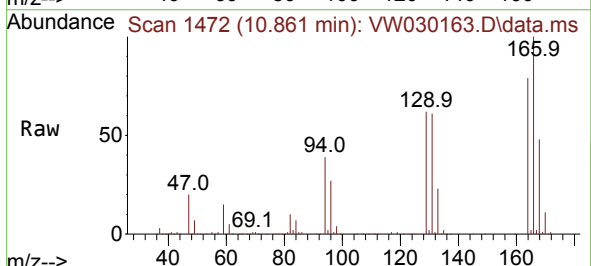
Instrument :
MSVOA_W
ClientSampleId :



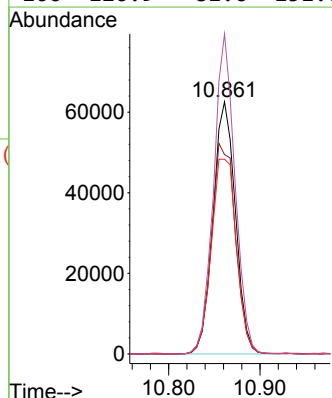
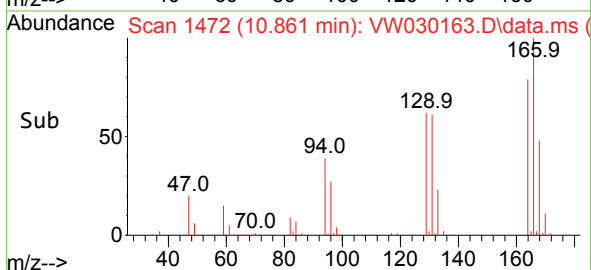
Tgt Ion: 97	Resp: 105098
Ion Ratio	Lower Upper
97 100	
99 58.4	45.6 84.8
83 81.7	64.0 119.0
85 54.5	38.9 72.3

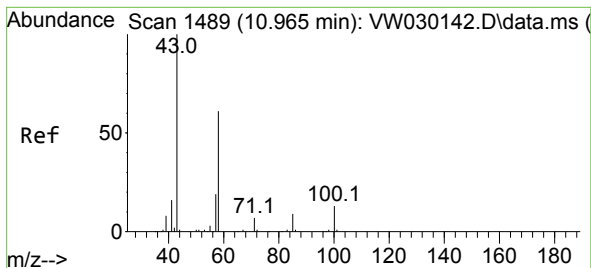


#46
Tetrachloroethene
Concen: 25.996 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20



Tgt Ion:164	Resp: 106310
Ion Ratio	Lower Upper
164 100	
129 79.1	66.0 122.6
131 77.2	64.8 120.4
166 126.9	81.6 151.6





#48

2-Hexanone

Concen: 48.759 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

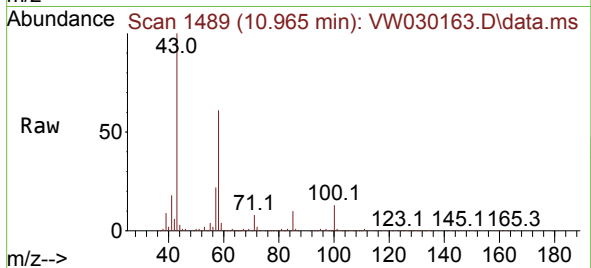
Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 106613

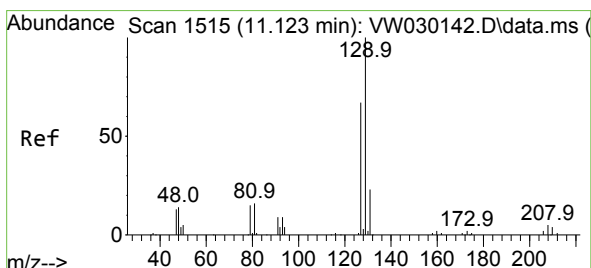
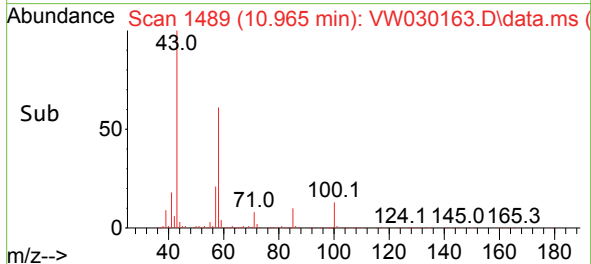
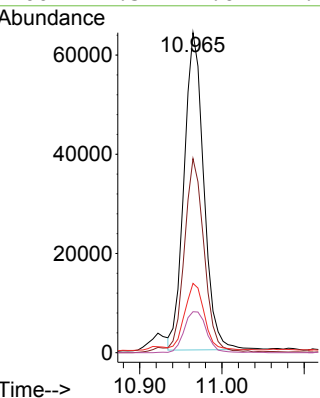
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

43	100		
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58	60.9	44.8	67.2
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57	20.9	15.4	23.2
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100	14.5	9.6	14.4
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#49

Dibromochloromethane

Concen: 25.394 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW030163.D

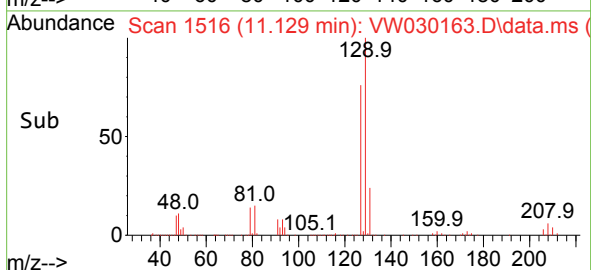
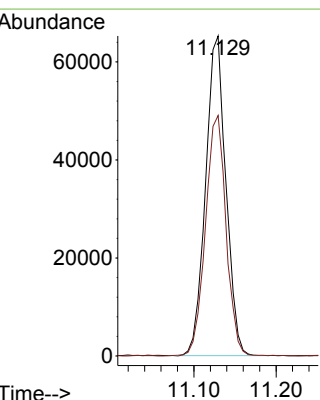
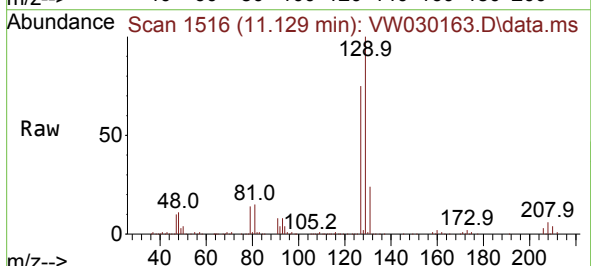
Acq: 19 Sep 2024 21:20

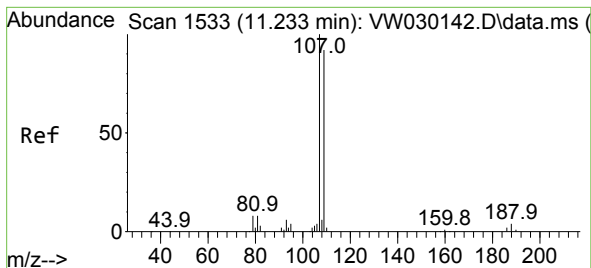
Tgt Ion:129 Resp: 111910

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

129	100		
-----	-----	--	--

127	75.2	54.2	100.6
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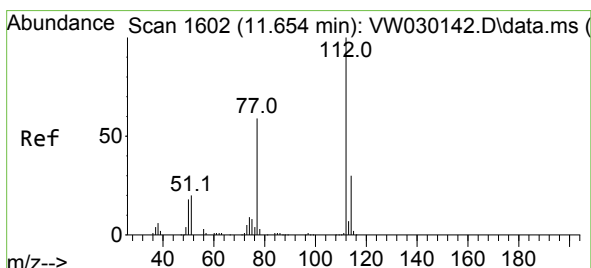
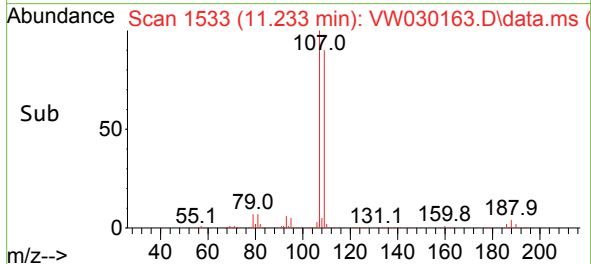
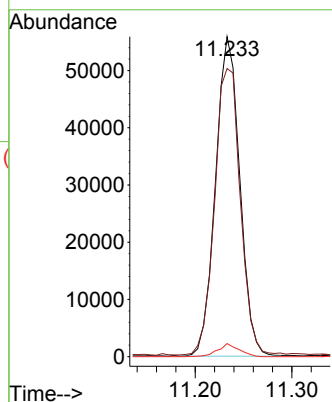
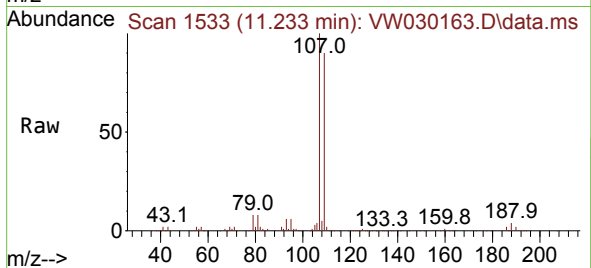




#50
1,2-Dibromoethane
Concen: 26.087 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

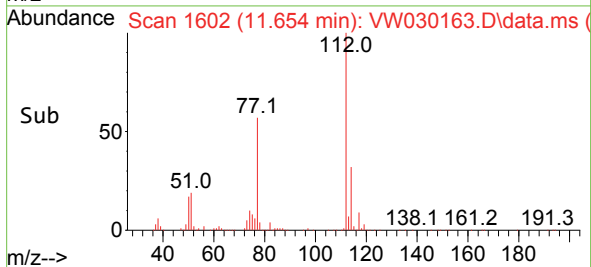
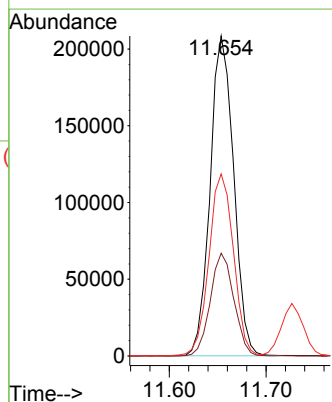
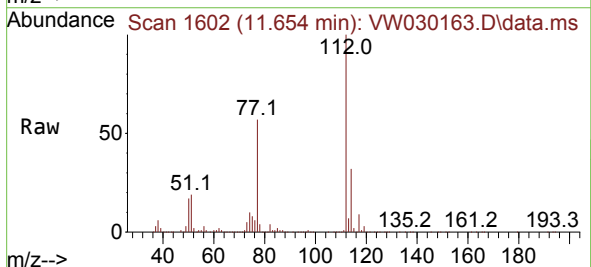
Instrument :
MSVOA_W
ClientSampleId :

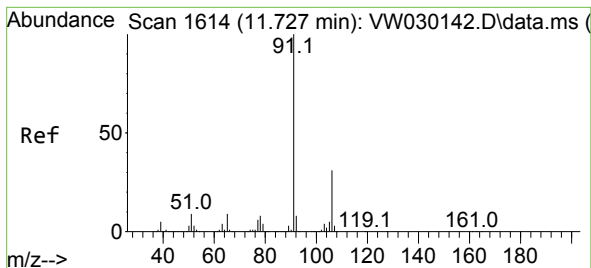
Tgt Ion:107 Resp: 97400
Ion Ratio Lower Upper
107 100
109 90.0 68.7 127.7
188 4.1 2.6 4.0#



#51
Chlorobenzene
Concen: 25.029 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Tgt Ion:112 Resp: 352188
Ion Ratio Lower Upper
112 100
114 32.1 23.8 44.2
77 56.9 52.9 79.3





#52

Ethylbenzene

Concen: 25.119 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

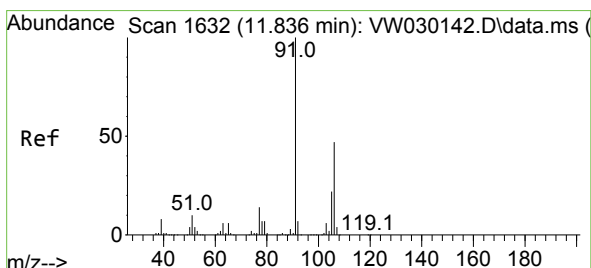
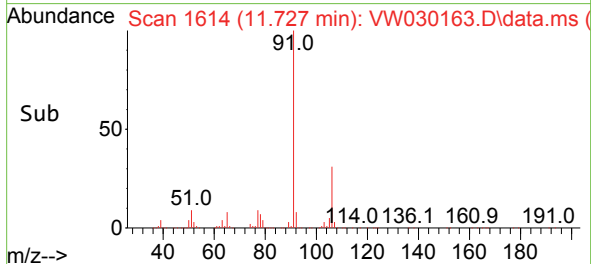
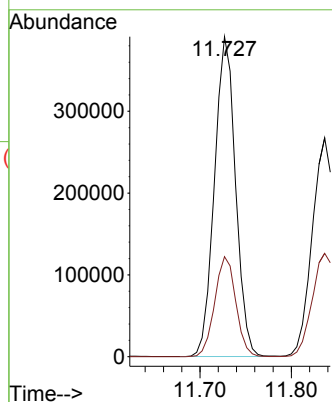
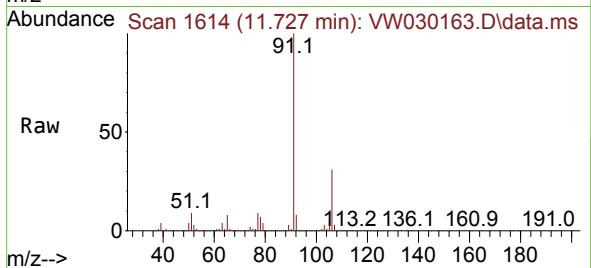
ClientSampleId :

Tgt Ion: 91 Resp: 626402

Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



#53

m,p-Xylene

Concen: 25.708 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030163.D

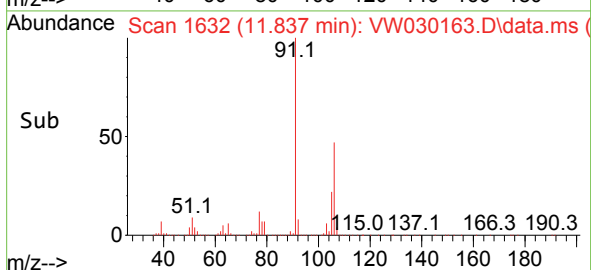
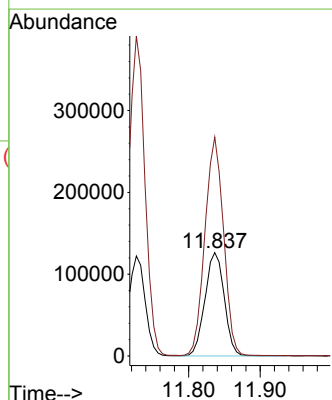
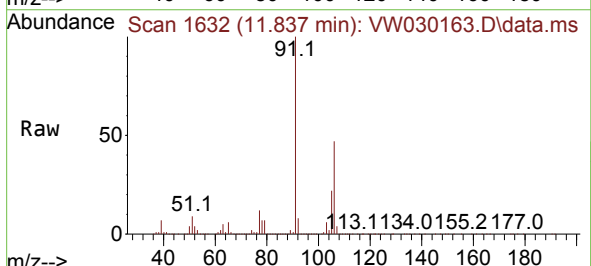
Acq: 19 Sep 2024 21:20

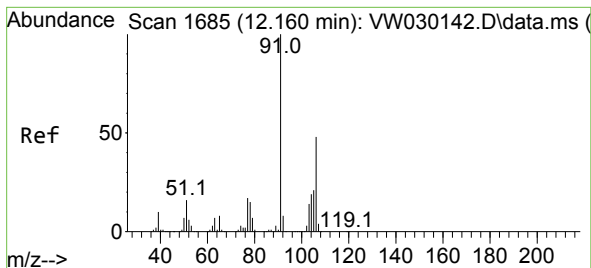
Tgt Ion:106 Resp: 236533

Ion Ratio Lower Upper

106 100

91 211.8 152.9 283.9





#54

o-Xylene

Concen: 26.759 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

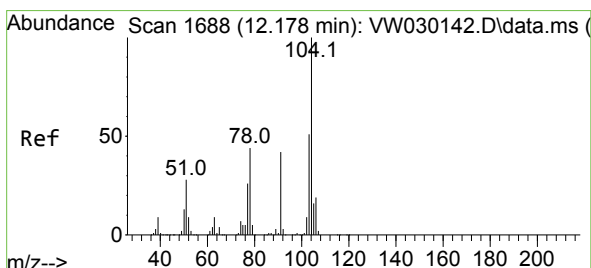
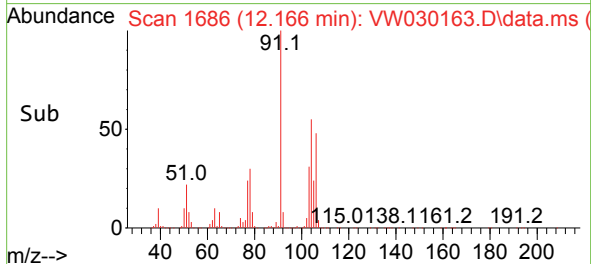
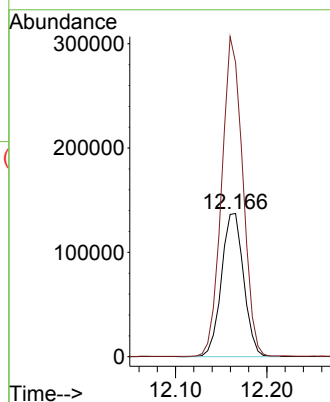
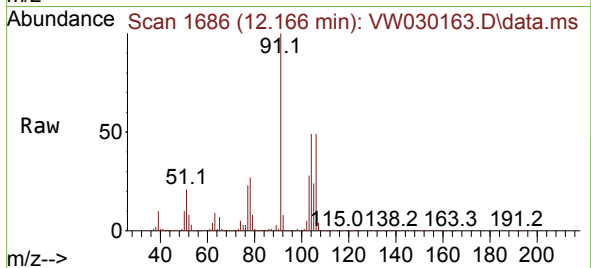
ClientSampleId :

Tgt Ion:106 Resp: 231682

Ion Ratio Lower Upper

106 100

91 205.4 158.1 293.7



#55

Styrene

Concen: 26.452 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030163.D

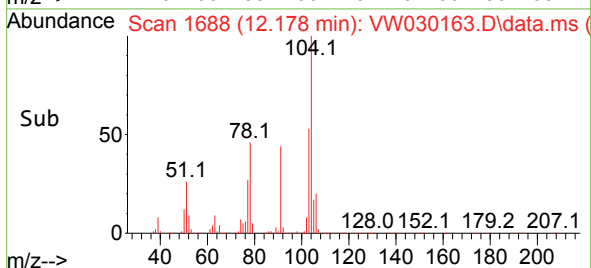
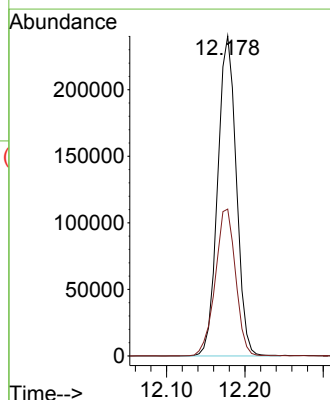
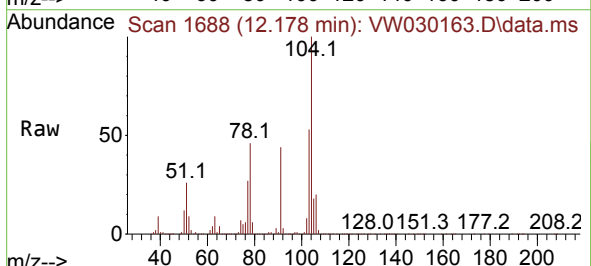
Acq: 19 Sep 2024 21:20

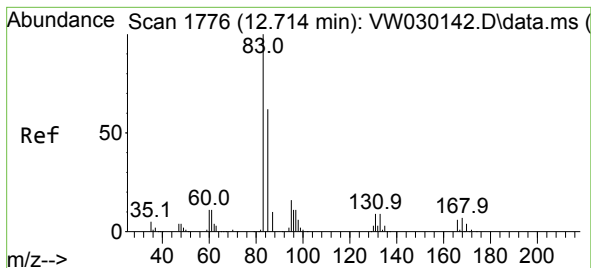
Tgt Ion:104 Resp: 397253

Ion Ratio Lower Upper

104 100

78 45.9 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.270 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :

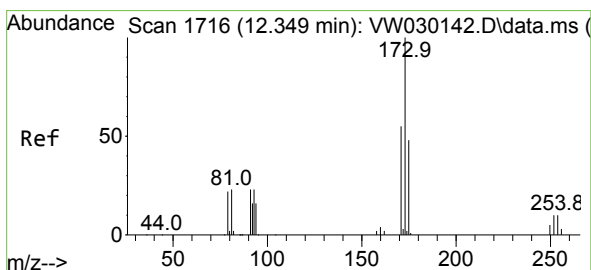
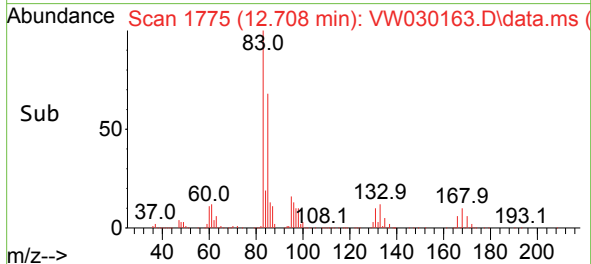
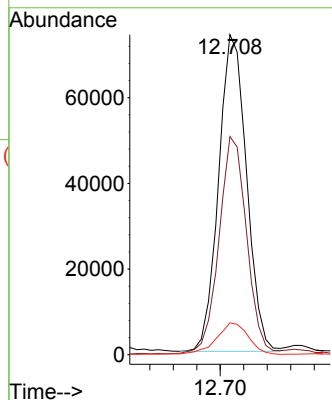
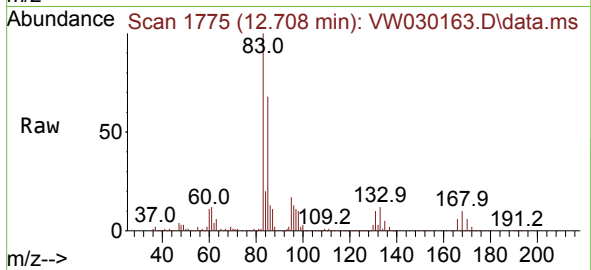
Tgt Ion: 83 Resp: 122132

Ion Ratio Lower Upper

83 100

85 68.2 44.5 82.7

131 10.0 7.4 11.2



#59

Bromoform

Concen: 26.295 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

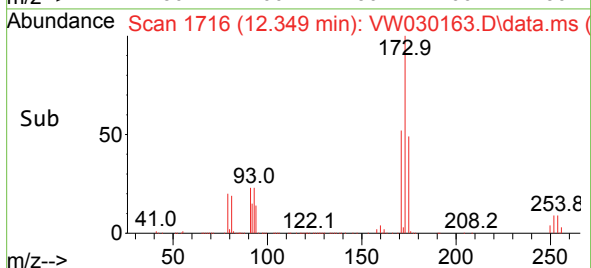
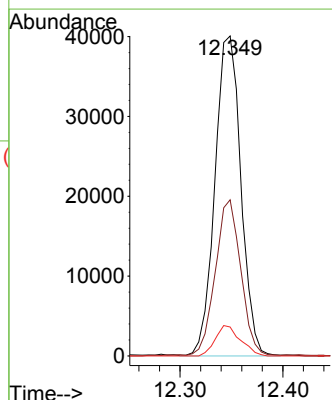
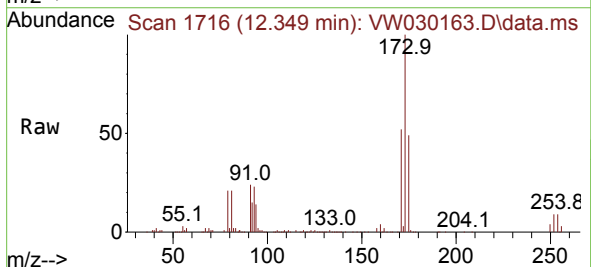
Tgt Ion:173 Resp: 70348

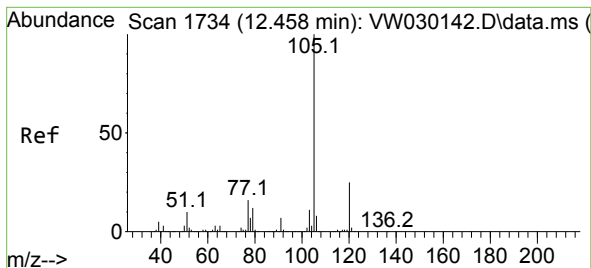
Ion Ratio Lower Upper

173 100

175 47.4 38.6 57.8

254 9.2 7.7 11.5





#60

Isopropylbenzene

Concen: 25.865 ug/L

RT: 12.458 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :

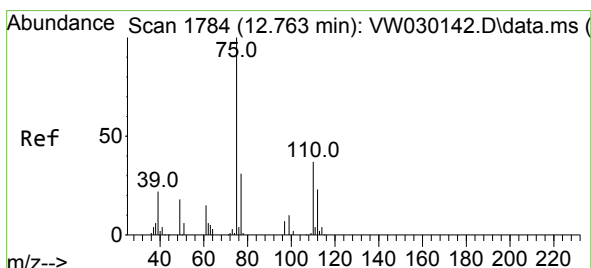
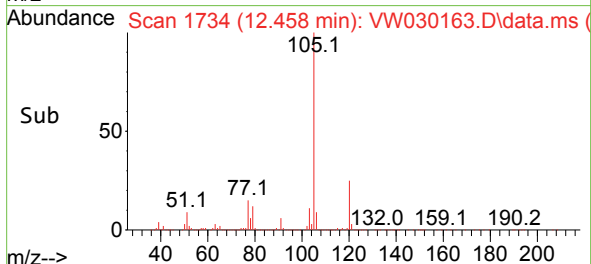
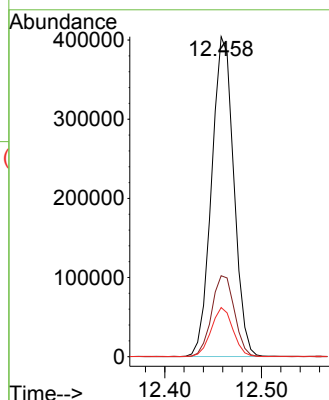
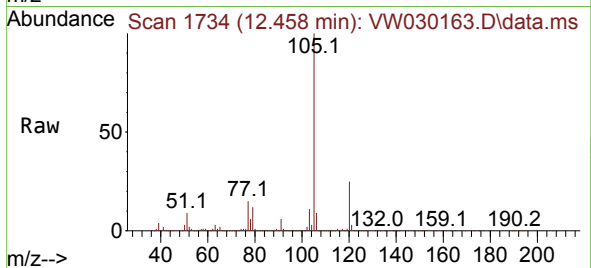
Tgt Ion:105 Resp: 643720

Ion Ratio Lower Upper

105 100

120 26.1 20.2 30.2

77 15.0 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 25.146 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

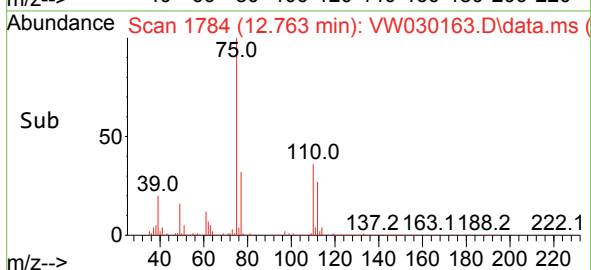
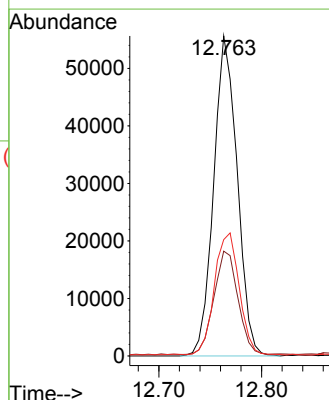
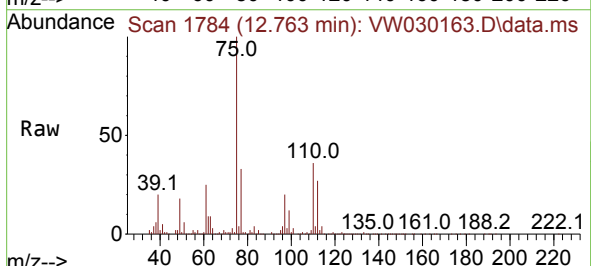
Tgt Ion: 75 Resp: 88427

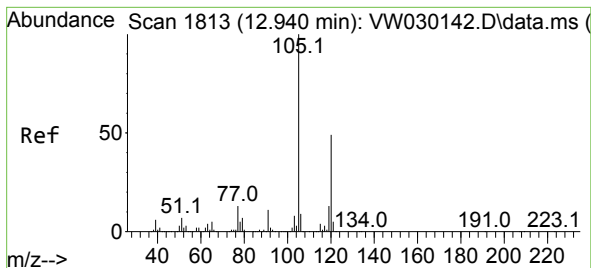
Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.2

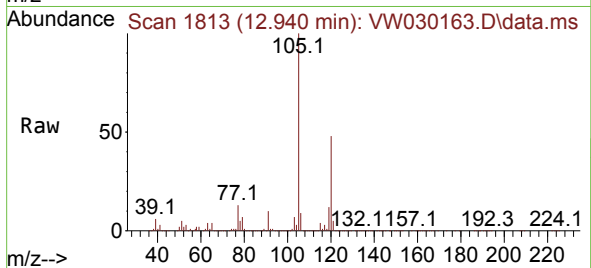
110 40.2 29.7 44.5



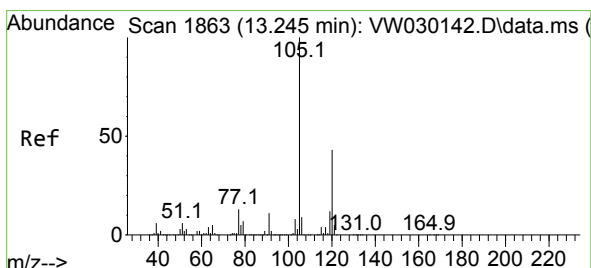
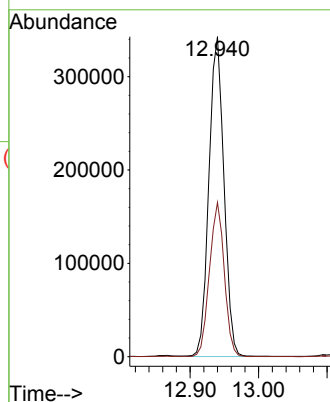
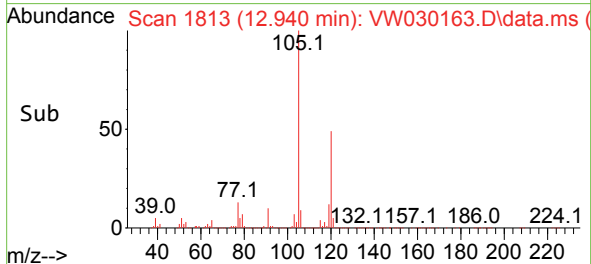


#62
1,3,5-Trimethylbenzene
Concen: 28.630 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Instrument :
MSVOA_W
ClientSampleId :

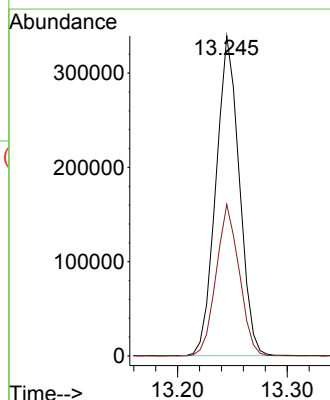
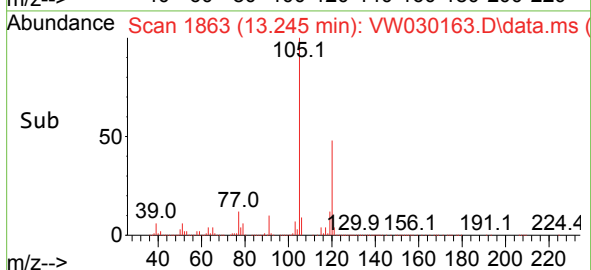
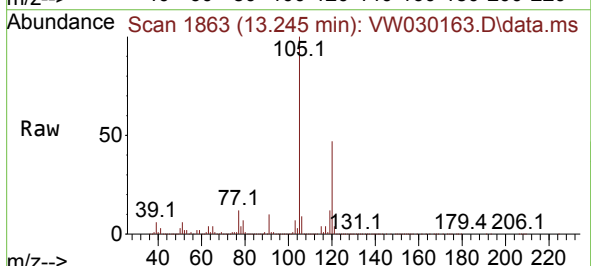


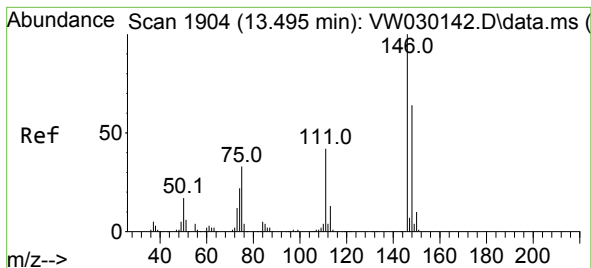
Tgt Ion:105 Resp: 522252
Ion Ratio Lower Upper
105 100
120 47.5 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 26.513 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

Tgt Ion:105 Resp: 502785
Ion Ratio Lower Upper
105 100
120 46.6 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 25.134 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :

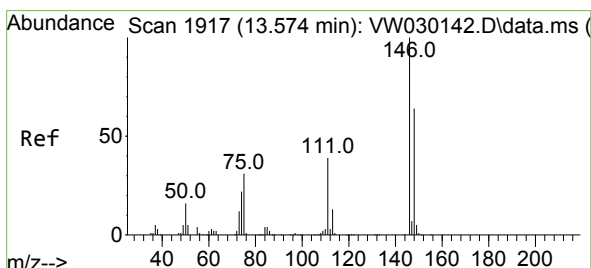
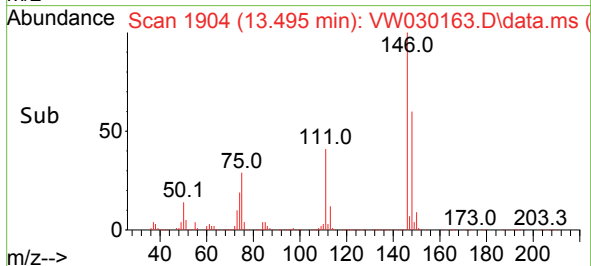
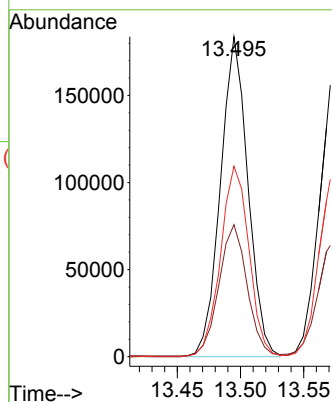
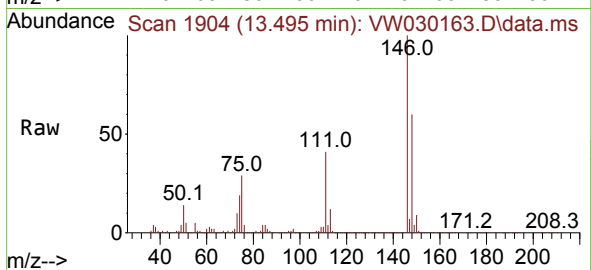
Tgt Ion:146 Resp: 277233

Ion Ratio Lower Upper

146 100

111 41.3 31.9 59.3

148 59.5 47.7 88.5



#65

1,4-Dichlorobenzene

Concen: 23.665 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

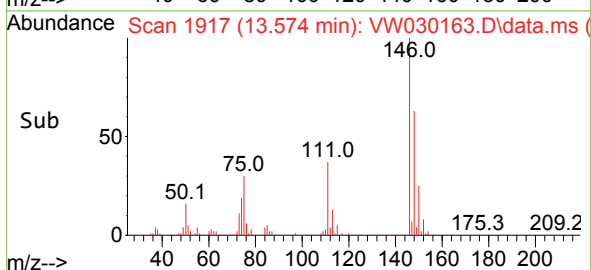
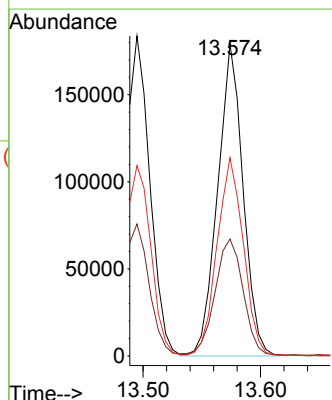
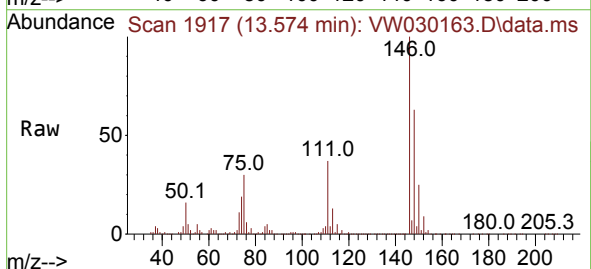
Tgt Ion:146 Resp: 269677

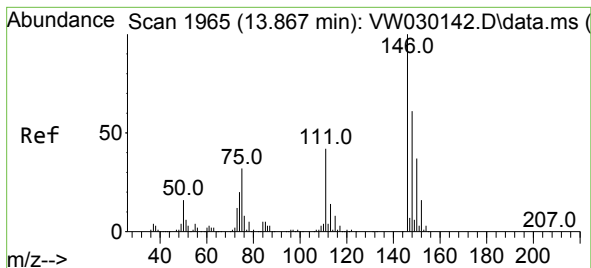
Ion Ratio Lower Upper

146 100

111 37.5 29.5 54.7

148 63.5 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.571 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :

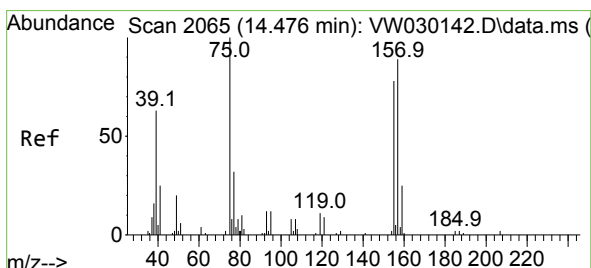
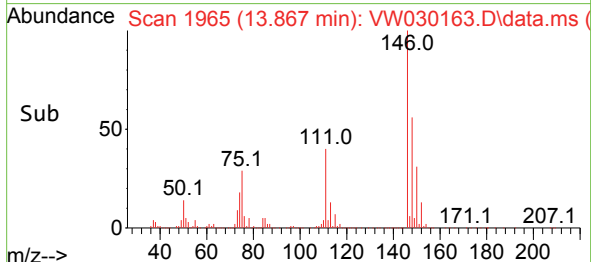
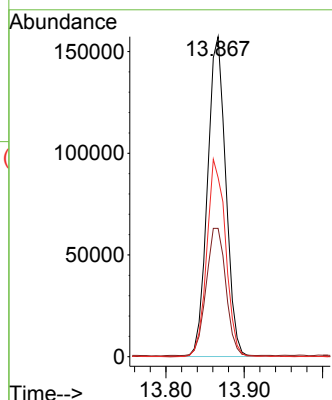
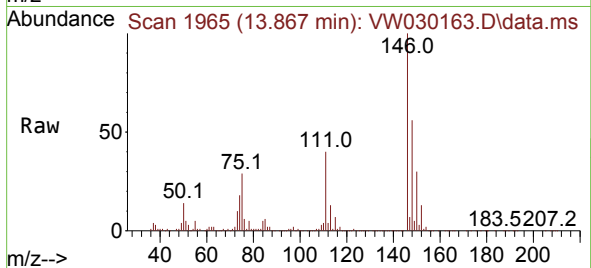
Tgt Ion:146 Resp: 254191

Ion Ratio Lower Upper

146 100

111 40.1 32.7 49.1

148 55.9 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.082 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

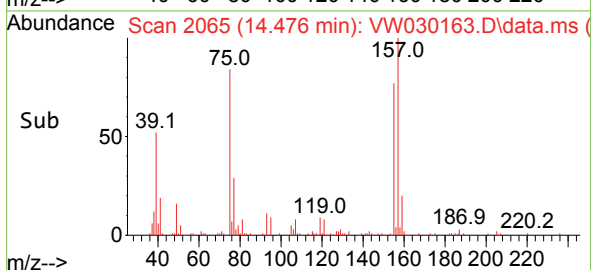
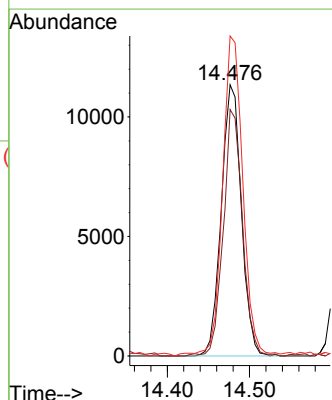
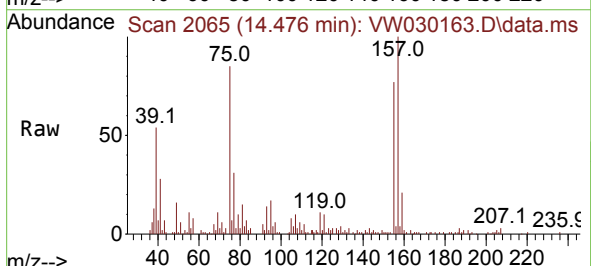
Tgt Ion: 75 Resp: 19236

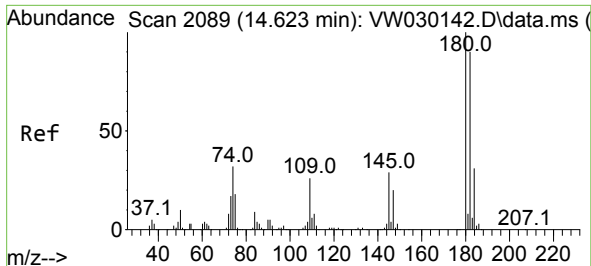
Ion Ratio Lower Upper

75 100

155 90.9 60.5 90.7#

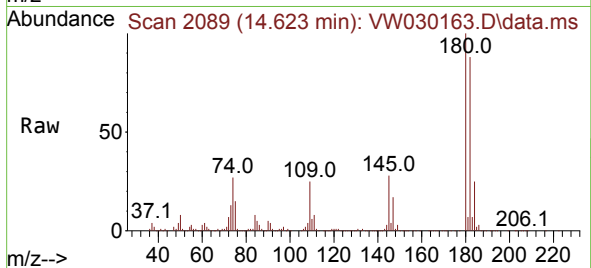
157 118.0 66.9 100.3#



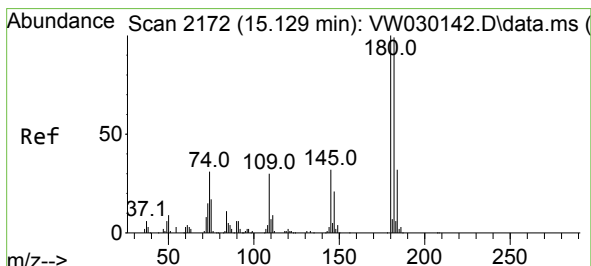
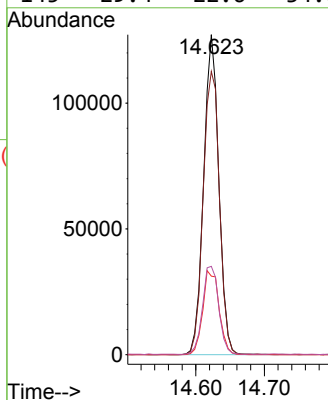
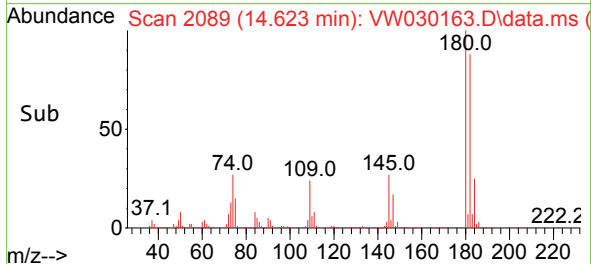


#69
1,3,5-Trichlorobenzene
Concen: 25.505 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20

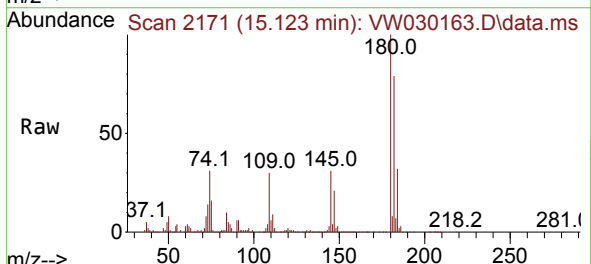
Instrument :
MSVOA_W
ClientSampleId :



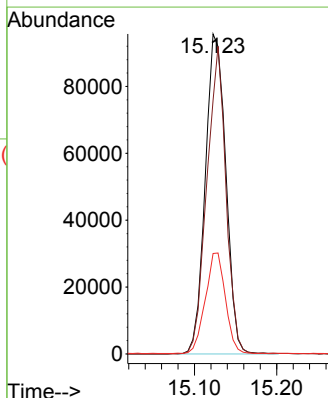
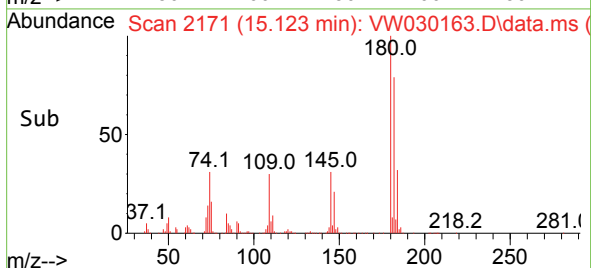
Tgt Ion:180 Resp: 196364
Ion Ratio Lower Upper
180 100
182 94.9 75.5 113.3
184 28.2 23.4 35.0
145 29.4 22.6 34.0

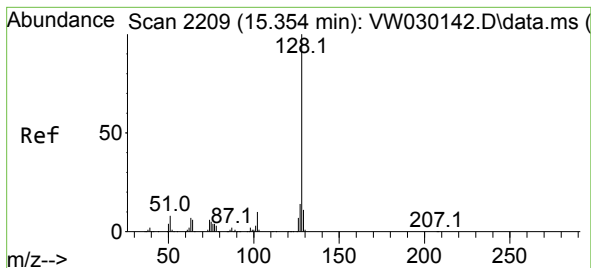


#70
1,2,4-trichlorobenzene
Concen: 26.654 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW030163.D
Acq: 19 Sep 2024 21:20



Tgt Ion:180 Resp: 166229
Ion Ratio Lower Upper
180 100
182 89.4 73.4 110.2
145 30.7 24.0 36.0





#71

Naphthalene

Concen: 31.381 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Instrument :

MSVOA_W

ClientSampleId :

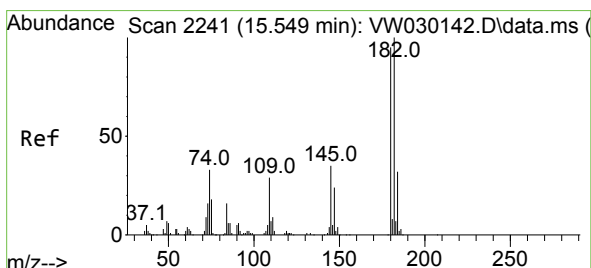
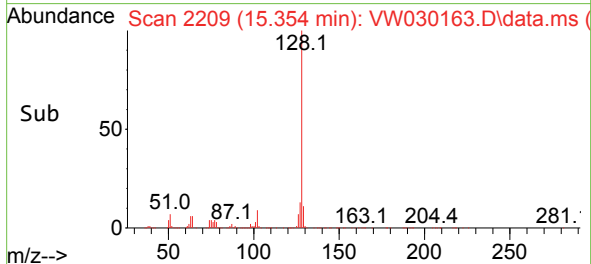
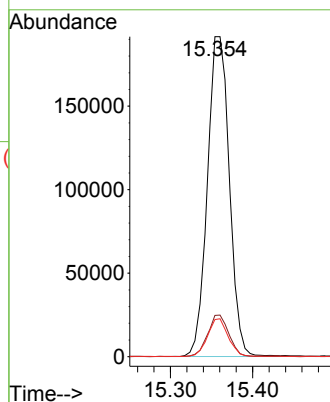
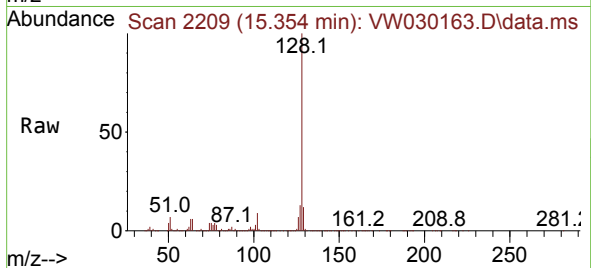
Tgt Ion:128 Resp: 355395

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 11.1 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 26.329 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030163.D

Acq: 19 Sep 2024 21:20

Tgt Ion:180 Resp: 143990

Ion Ratio Lower Upper

180 100

182 100.5 76.4 114.6

145 33.6 26.2 39.4

