

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030755.D
 Acq On : 24 Oct 2024 19:30
 Operator : SY/MD
 Sample : P4493-03MSD
 Misc : 5.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F31MSD

Quant Time: Oct 25 01:47:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	454042	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	353698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129822	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78353	10.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.920%
7) Chloroethane-d5	2.899	69	89198	16.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
11) 1,1-Dichloroethene-d2	4.021	65	35712	12.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.120%
21) 2-Butanone-d5	7.075	46	61765	48.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.180%
24) Chloroform-d	7.648	84	283809	21.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.440%
26) 1,2-Dichloroethane-d4	8.307	65	141634	20.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.920%
32) Benzene-d6	8.276	84	412931	20.115	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.440%
36) 1,2-Dichloropropane-d6	9.276	67	150124	24.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	10.325	98	309312	16.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.040%
43) trans-1,3-Dichloroprop...	10.575	79	53309	21.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.520%
47) 2-Hexanone-d5	10.922	63	49502	63.786	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120489	27.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	97659	22.232	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73366	12.647	ug/L	97
3) Chloromethane	2.222	50	85531	12.686	ug/L	100
5) Vinyl chloride	2.375	62	110863	13.371	ug/L	99
6) Bromomethane	2.789	94	75031	13.749	ug/L	92
8) Chloroethane	2.936	64	75786	14.952	ug/L	99
9) Trichlorofluoromethane	3.265	101	105934	14.279	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93409	13.994	ug/L	98
12) 1,1-Dichloroethene	4.051	96	85887	14.099	ug/L	83
13) Acetone	4.118	43	27347	14.544	ug/L	95
14) Carbon disulfide	4.393	76	191876	9.646	ug/L	100
15) Methyl Acetate	4.667	43	28636	12.329	ug/L	96
16) Methylene chloride	4.917	84	99591	14.509	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	91311	13.891	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	158538	17.233	ug/L	99
19) 1,1-Dichloroethane	6.222	63	194622	15.931	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	106730	15.223	ug/L	88
22) 2-Butanone	7.167	43	42244	20.842	ug/L	99
23) Bromochloromethane	7.514	128	45333	14.780	ug/L	96
25) Chloroform	7.679	83	203192	15.564	ug/L	98

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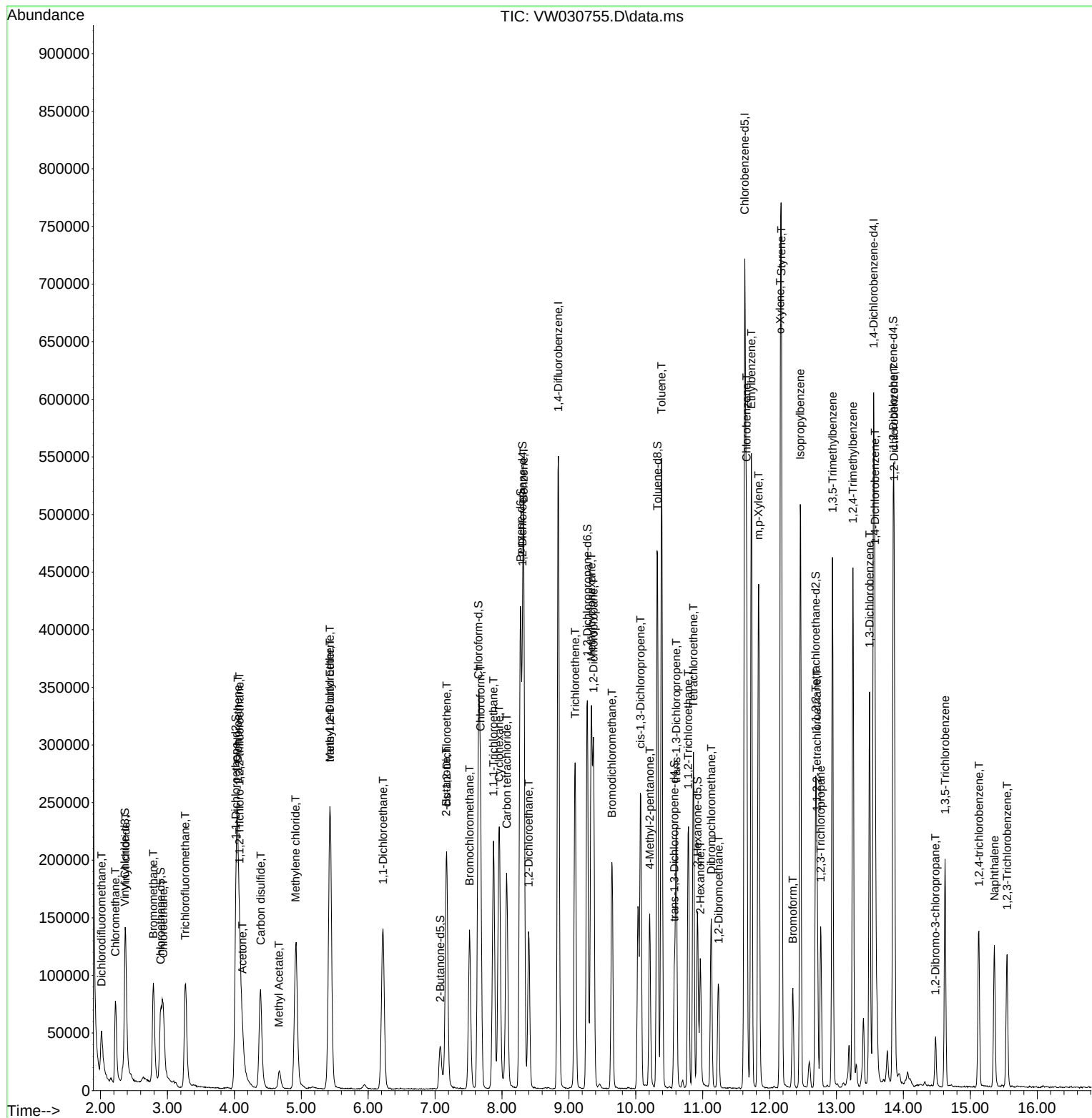
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122750	14.252	ug/L	100
29) Cyclohexane	7.959	56	124666	14.480	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	164037	17.471	ug/L	99
31) Carbon tetrachloride	8.069	117	135151	16.116	ug/L	98
33) Benzene	8.325	78	402762	17.498	ug/L	100
34) Trichloroethene	9.093	95	98367	15.361	ug/L	95
35) Methylcyclohexane	9.337	83	125691	12.472	ug/L	99
37) 1,2-Dichloropropane	9.367	63	104158	18.119	ug/L	100
38) Bromodichloromethane	9.642	83	131673	17.216	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	146347	16.878	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	95699	34.652	ug/L	99
42) Toluene	10.386	91	396667	16.154	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119151	16.352	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	68590	16.509	ug/L	98
46) Tetrachloroethene	10.861	164	58237	12.331	ug/L	98
48) 2-Hexanone	10.965	43	68850	30.485	ug/L	97
49) Dibromochloromethane	11.129	129	72430	15.624	ug/L	91
50) 1,2-Dibromoethane	11.239	107	62608	16.150	ug/L	99
51) Chlorobenzene	11.654	112	227615	14.399	ug/L	97
52) Ethylbenzene	11.727	91	371067	13.243	ug/L	99
53) m,p-Xylene	11.837	106	136120	12.967	ug/L	93
54) o-Xylene	12.160	106	134287	13.837	ug/L	92
55) Styrene	12.178	104	223879	13.494	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	72183	15.407	ug/L	95
59) Bromoform	12.349	173	36080	19.781	ug/L	95
60) Isopropylbenzene	12.458	105	312803	15.559	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	51954	20.566	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	233123	14.698	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	233020	15.005	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	125181	14.305	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	129786	14.363	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	112774	14.645	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	9656	17.143	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	53080	9.198	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	39751	8.557	ug/L	96
71) Naphthalene	15.360	128	98253	12.242	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	33550	8.330	ug/L	99

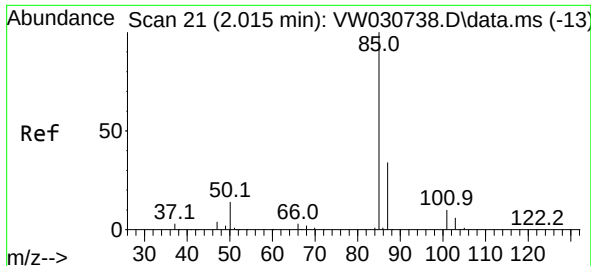
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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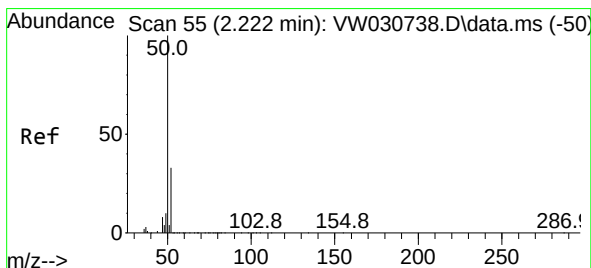
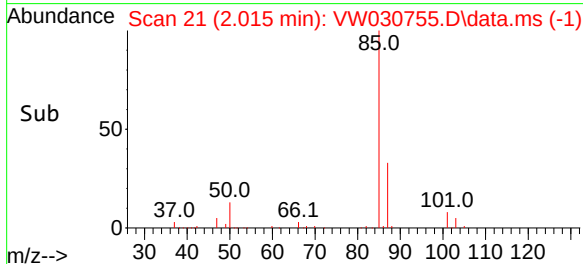
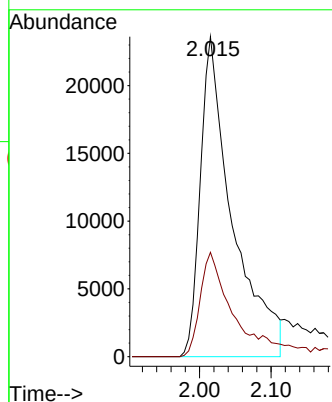
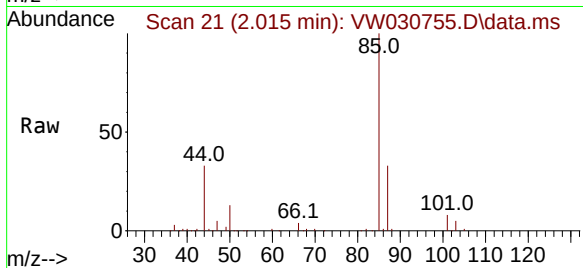




#2
 Dichlorodifluoromethane
 Concen: 12.647 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

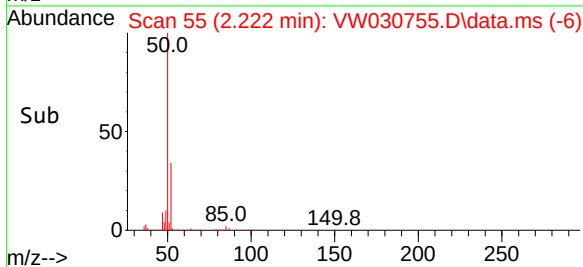
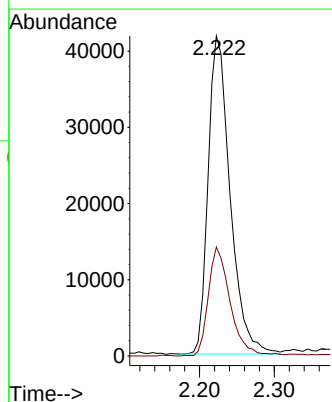
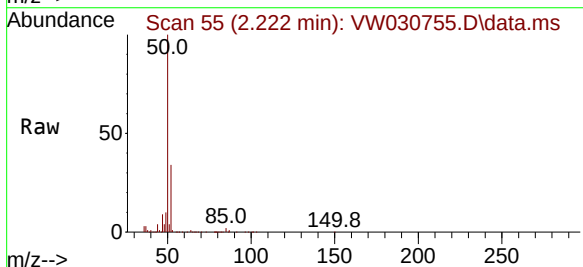
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F31MSD

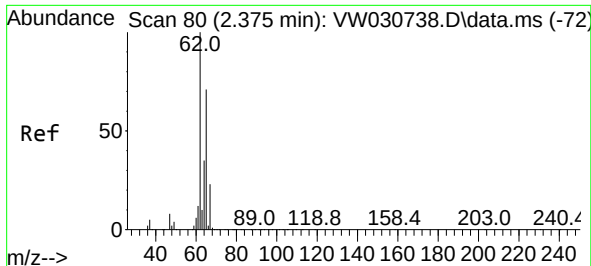
Tgt Ion: 85 Resp: 73366
 Ion Ratio Lower Upper
 85 100
 87 28.3 23.8 35.6



#3
 Chloromethane
 Concen: 12.686 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

Tgt Ion: 50 Resp: 85531
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.7 43.9

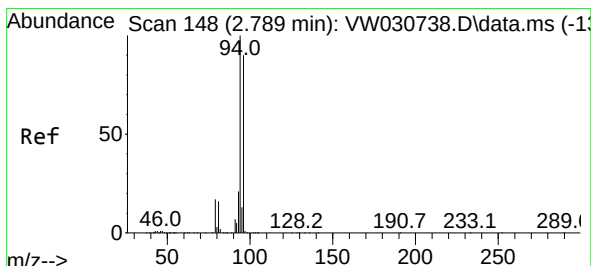
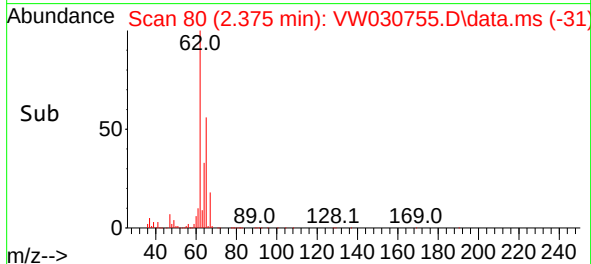
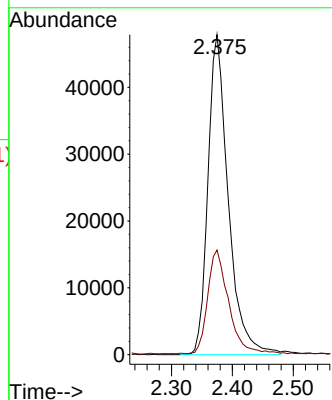
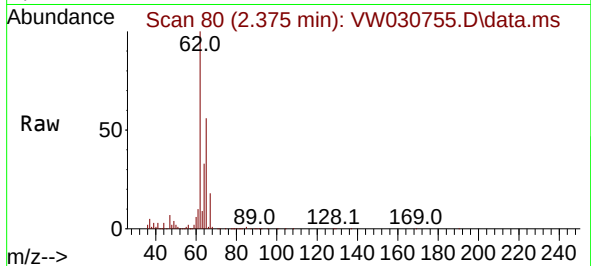




#5
 Vinyl chloride
 Concen: 13.371 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

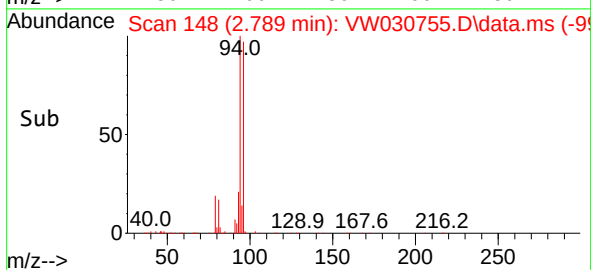
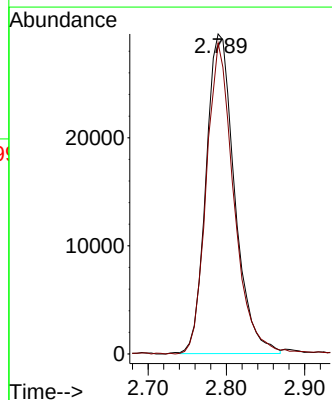
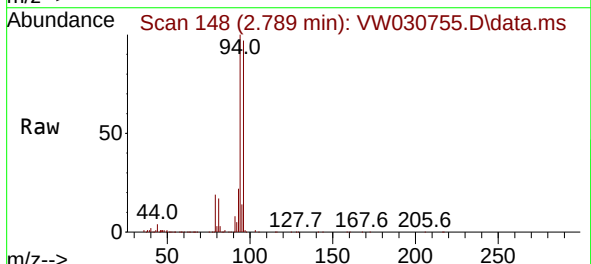
Instrument :
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 ClientSampleId :
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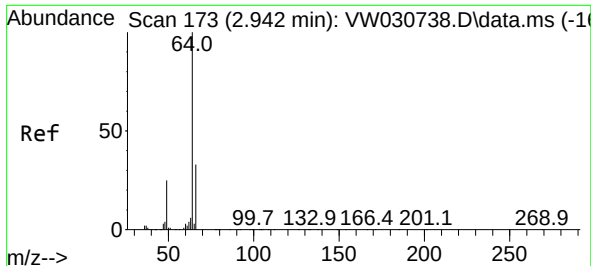
Tgt Ion: 62 Resp: 110863
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#6
 Bromomethane
 Concen: 13.749 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

Tgt Ion: 94 Resp: 75031
 Ion Ratio Lower Upper
 94 100
 96 97.2 62.6 116.2

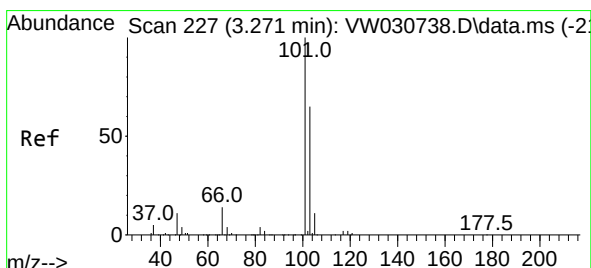
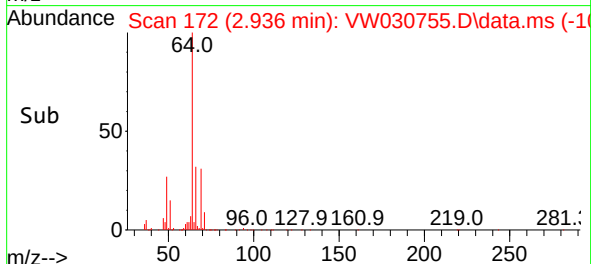
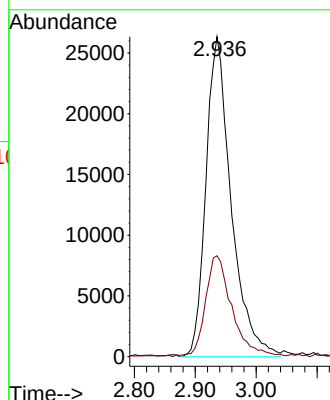
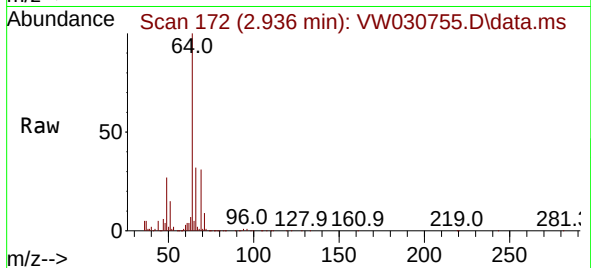




#8
Chloroethane
Concen: 14.952 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

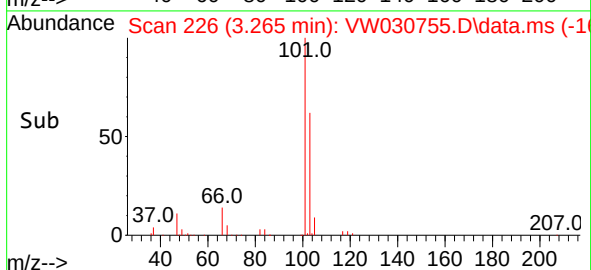
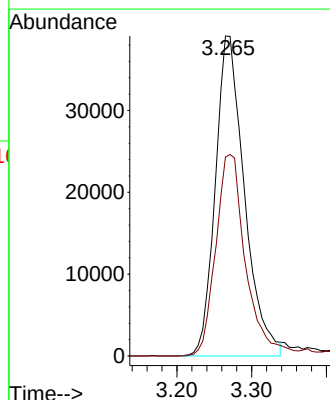
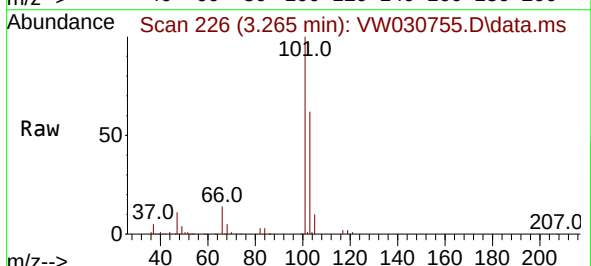
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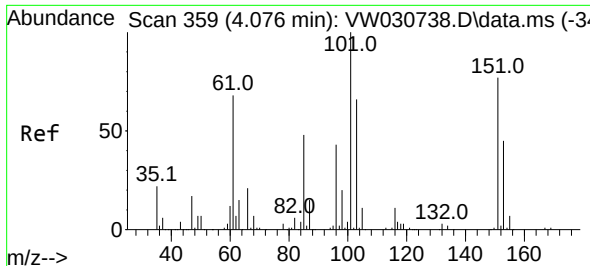
Tgt Ion: 64 Resp: 75786
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.279 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion:101 Resp: 105934
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7

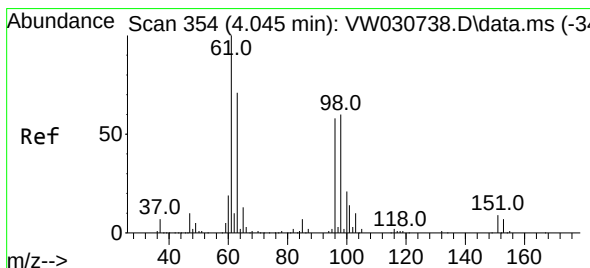
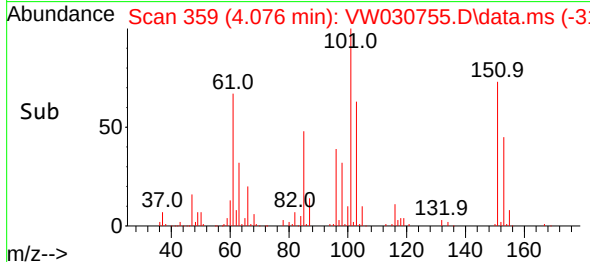
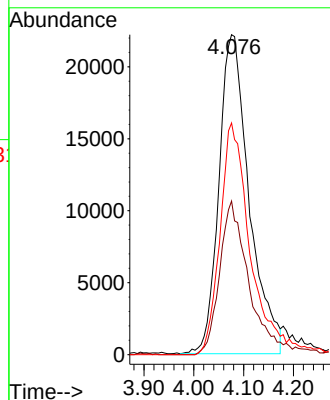
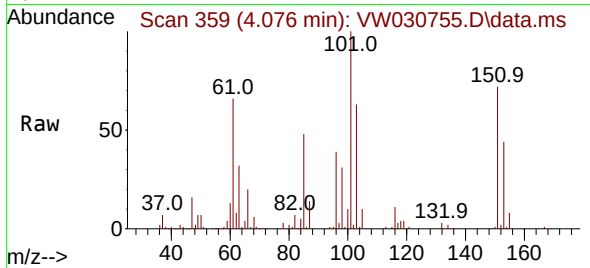




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.994 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

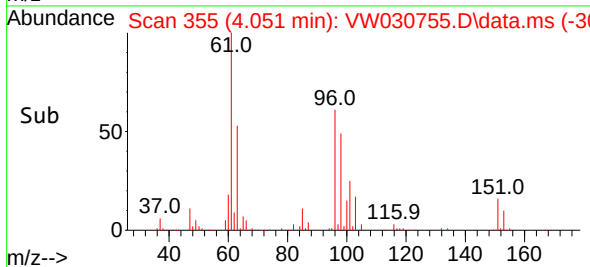
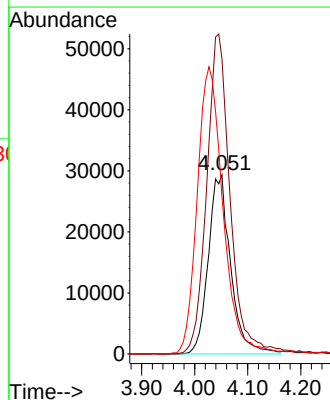
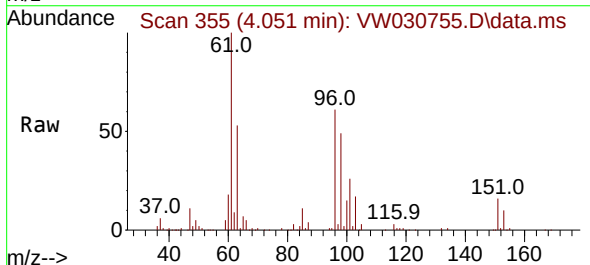
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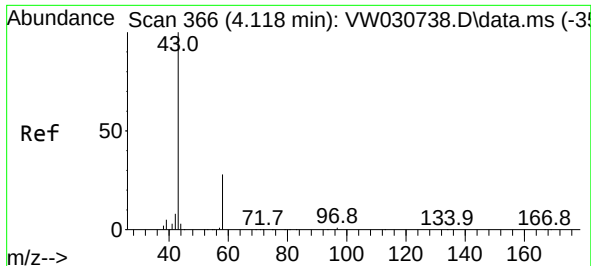
Tgt Ion:101 Resp: 93409
 Ion Ratio Lower Upper
 101 100
 85 46.4 35.7 53.5
 151 70.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 14.099 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

Tgt Ion: 96 Resp: 85887
 Ion Ratio Lower Upper
 96 100
 61 164.9 121.3 225.3
 63 87.8 87.6 162.8





#13

Acetone

Concen: 14.544 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

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ClientSampleId :

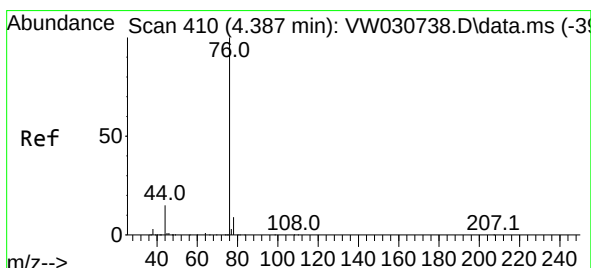
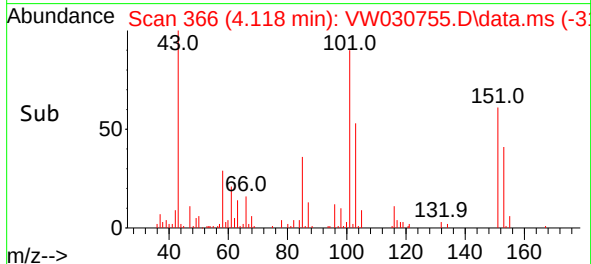
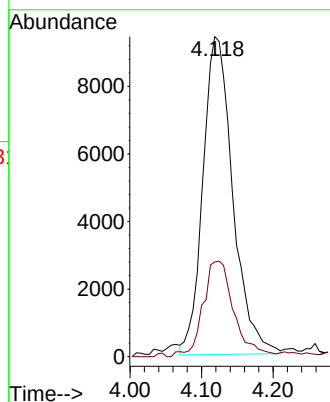
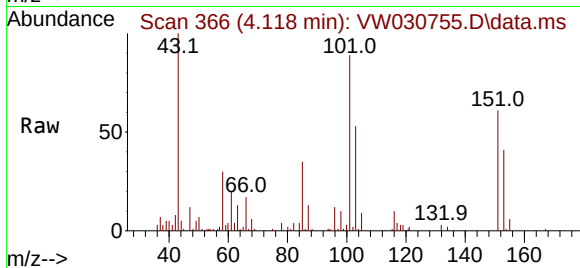
A4F31MSD

Tgt Ion: 43 Resp: 27347

Ion Ratio Lower Upper

43 100

58 26.4 0.0 57.6



#14

Carbon disulfide

Concen: 9.646 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030755.D

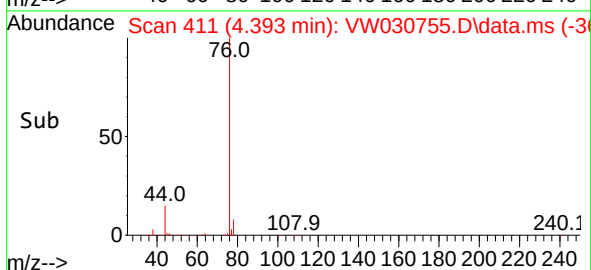
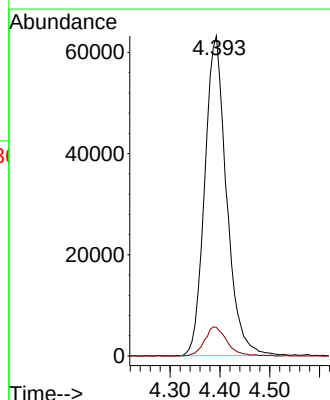
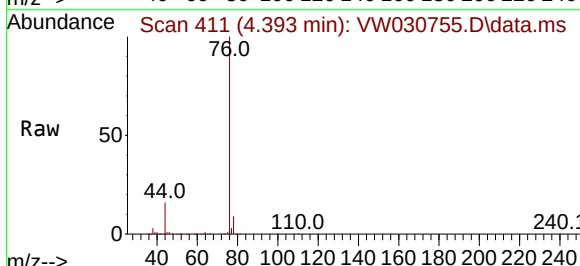
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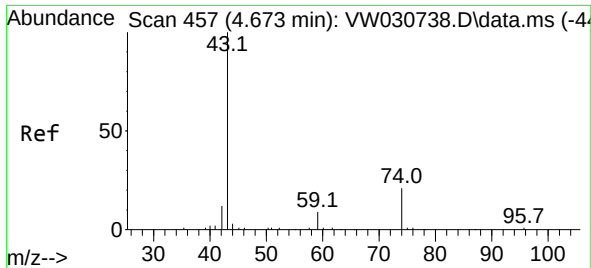
Tgt Ion: 76 Resp: 191876

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

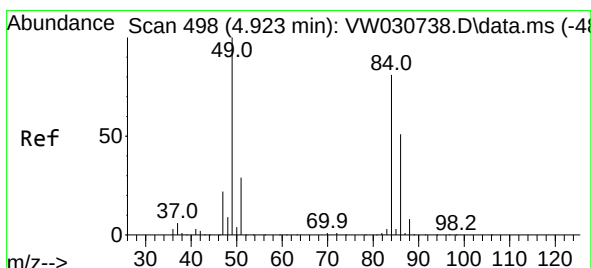
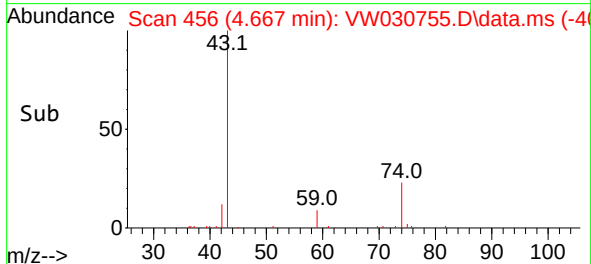
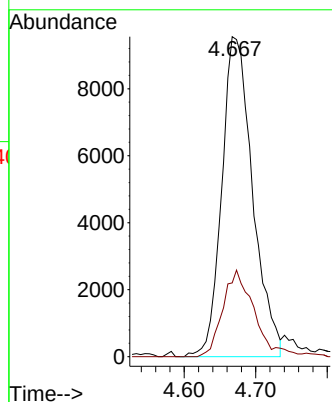
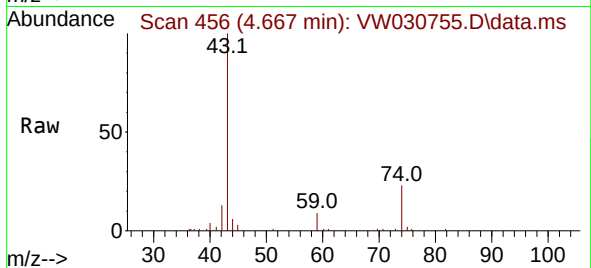




#15
Methyl Acetate
Concen: 12.329 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

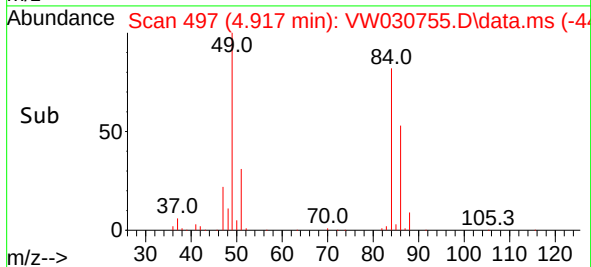
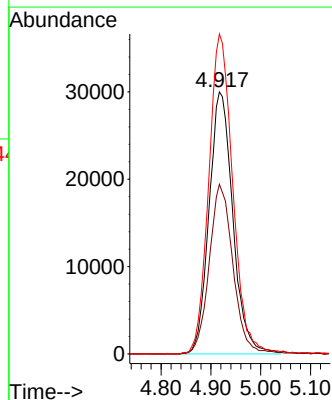
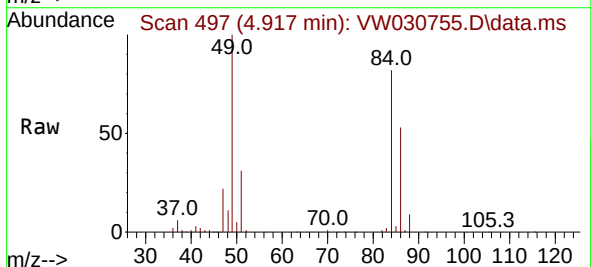
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

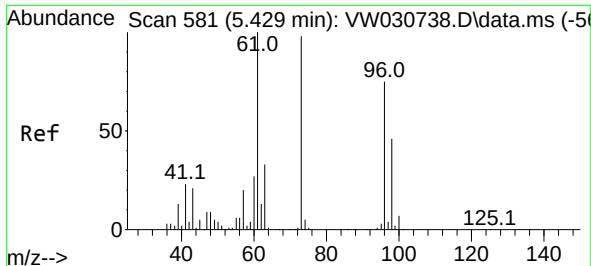
Tgt Ion: 43 Resp: 28636
Ion Ratio Lower Upper
43 100
74 25.9 19.3 28.9



#16
Methylene chloride
Concen: 14.509 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 84 Resp: 99591
Ion Ratio Lower Upper
84 100
86 64.8 43.8 81.3
49 122.1 88.3 164.1

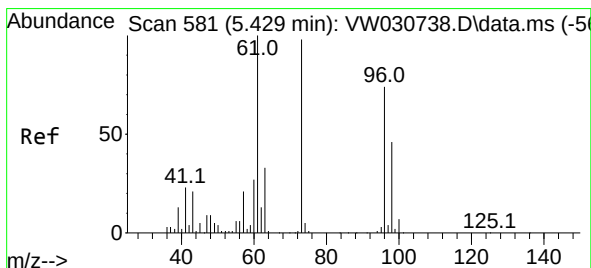
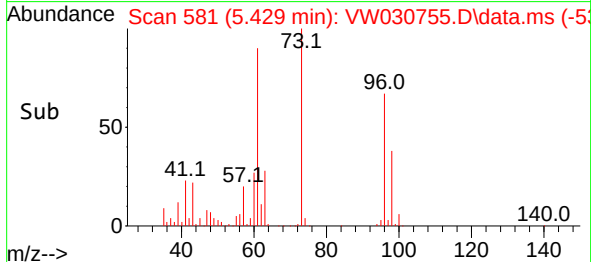
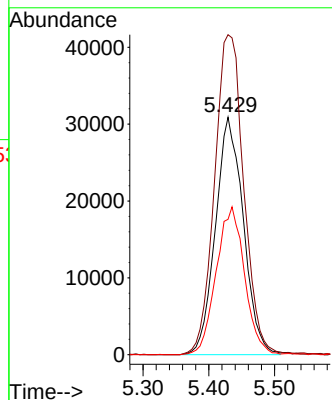
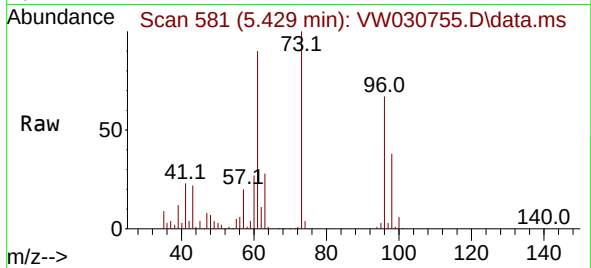




#17
trans-1,2-Dichloroethene
Concen: 13.891 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

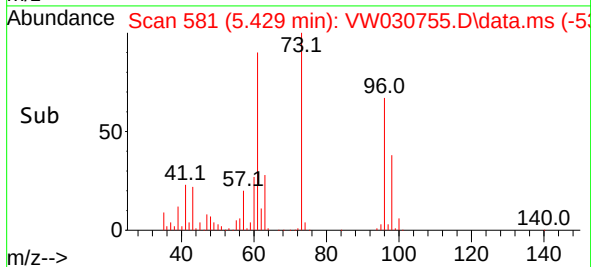
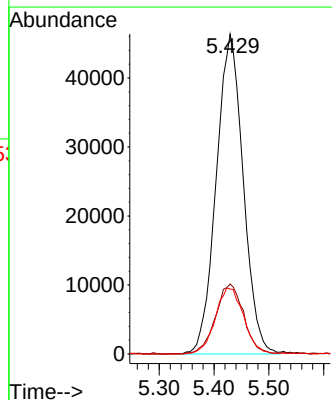
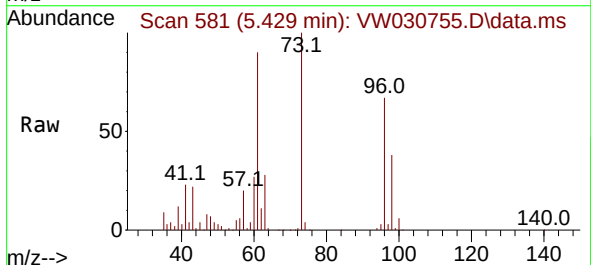
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

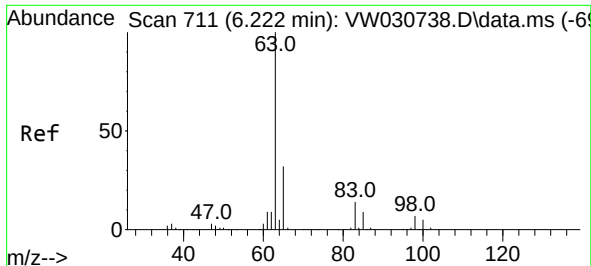
Tgt Ion: 96 Resp: 91311
Ion Ratio Lower Upper
96 100
61 134.8 96.9 179.9
98 57.0 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 17.233 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 73 Resp: 158538
Ion Ratio Lower Upper
73 100
43 22.8 18.1 27.1
57 21.7 17.7 26.5

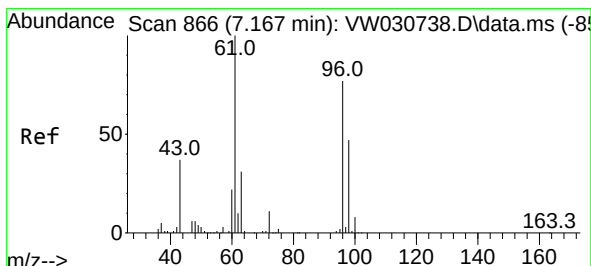
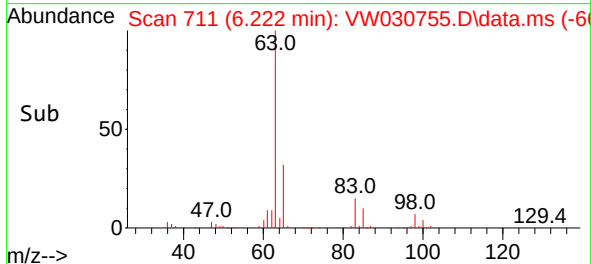
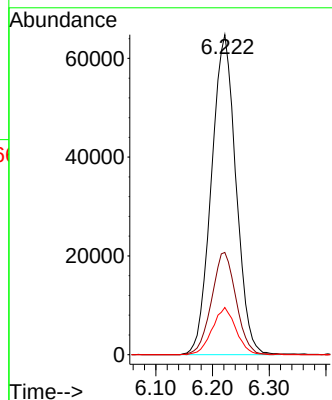
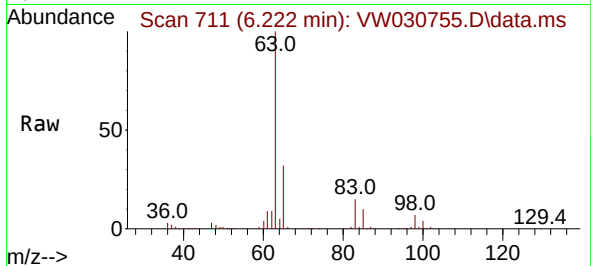




#19
 1,1-Dichloroethane
 Concen: 15.931 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

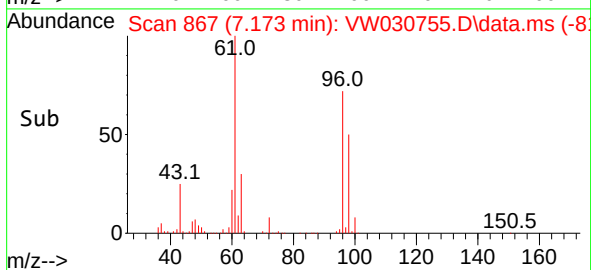
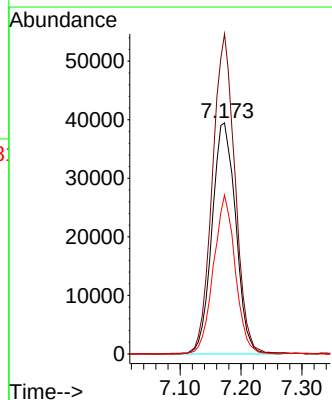
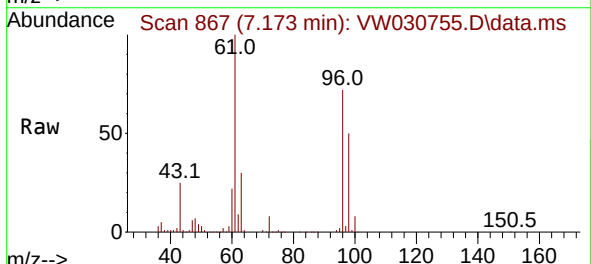
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F31MSD

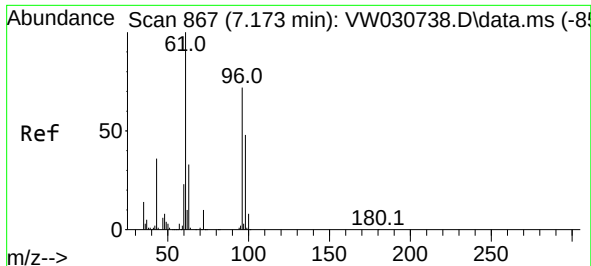
Tgt Ion: 63 Resp: 194622
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.5 41.9
 83 14.8 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 15.223 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

Tgt Ion: 96 Resp: 106730
 Ion Ratio Lower Upper
 96 100
 61 138.5 88.3 163.9
 98 68.7 41.3 76.7

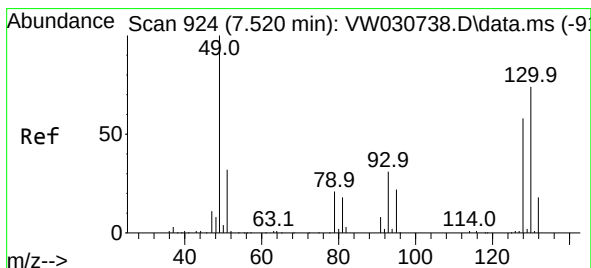
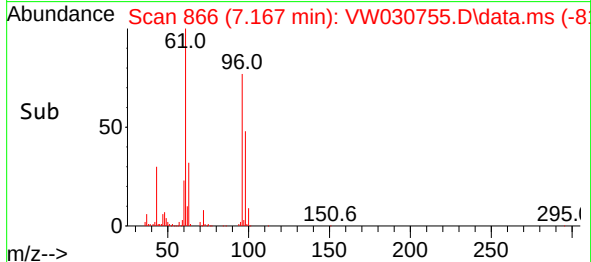
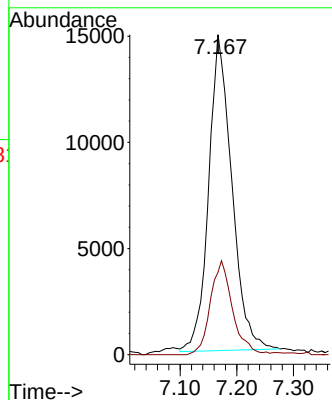
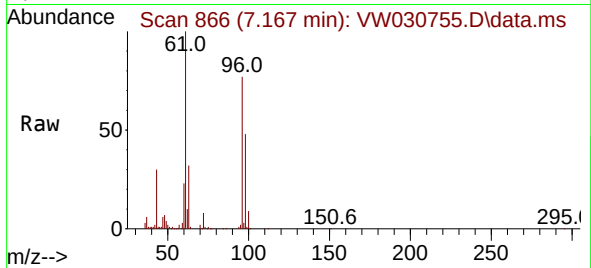




#22
2-Butanone
Concen: 20.842 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

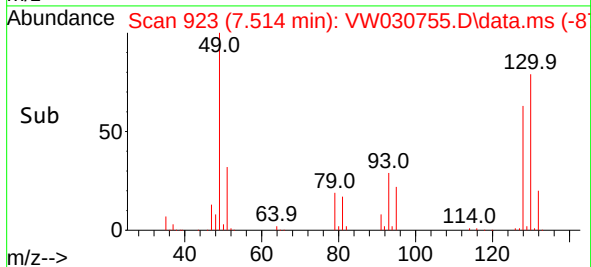
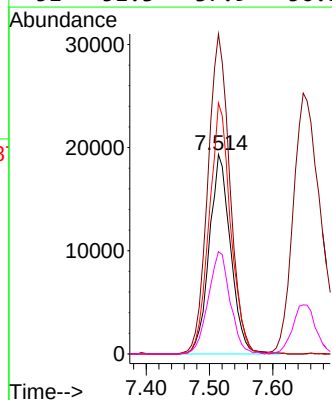
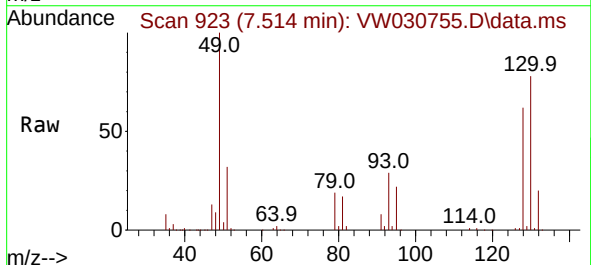
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

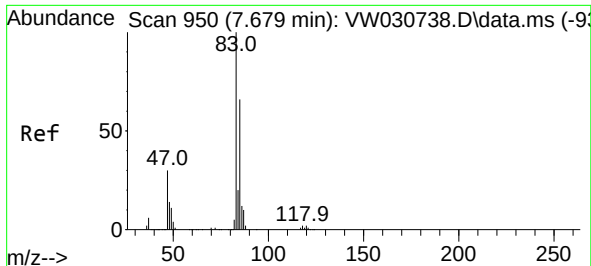
Tgt Ion: 43 Resp: 42244
Ion Ratio Lower Upper
43 100
72 28.3 14.4 43.0



#23
Bromochloromethane
Concen: 14.780 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 128 Resp: 45333
Ion Ratio Lower Upper
128 100
49 160.4 110.1 204.5
130 125.9 82.9 153.9
51 51.3 37.9 56.9

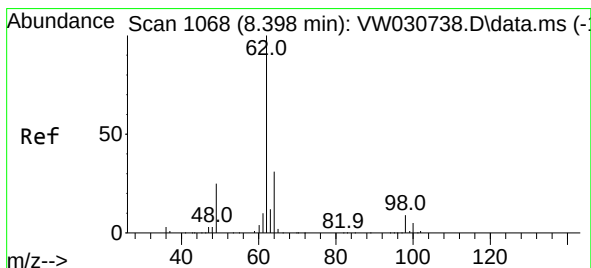
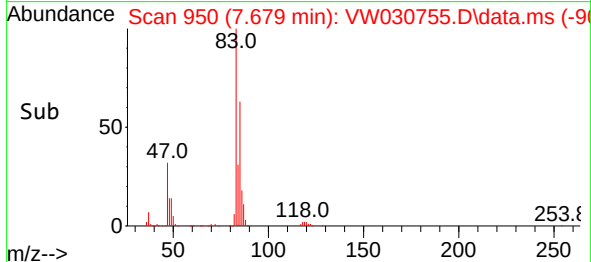
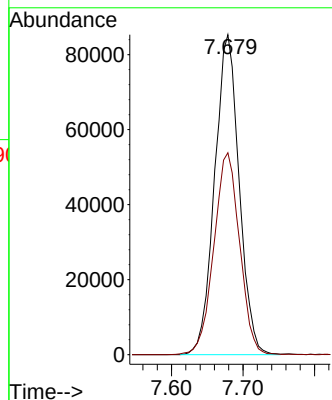
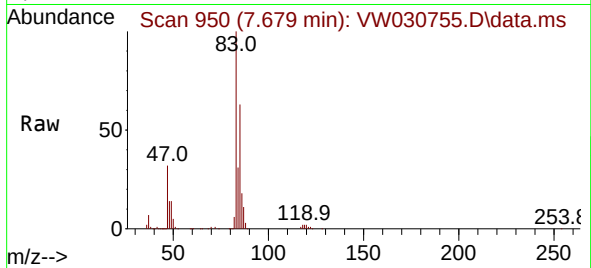




#25
Chloroform
Concen: 15.564 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

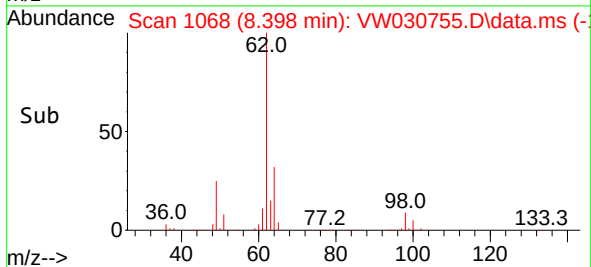
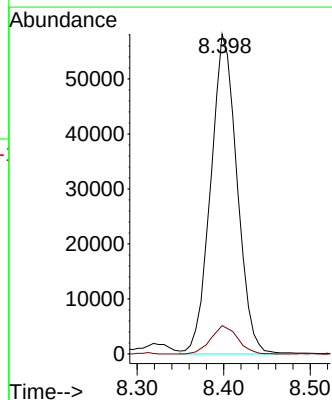
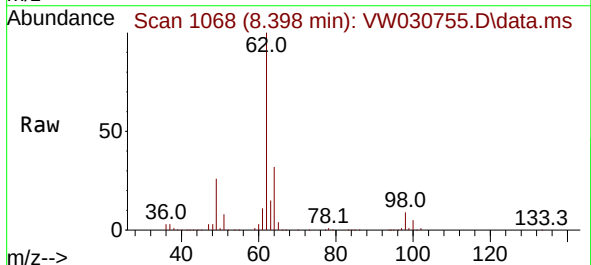
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

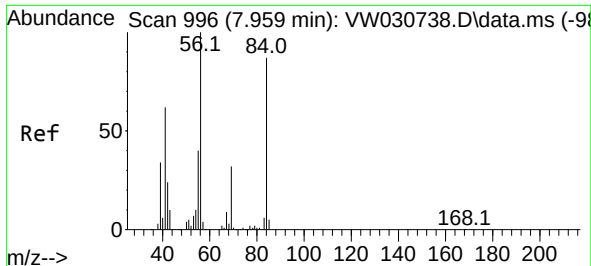
Tgt Ion: 83 Resp: 203192
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 14.252 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 62 Resp: 122750
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6

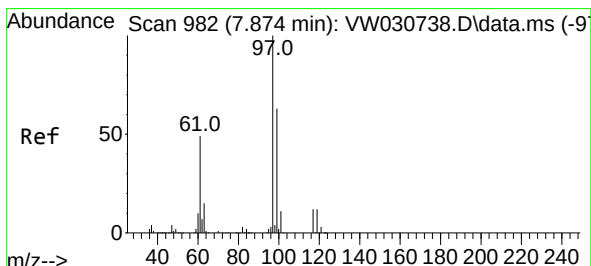
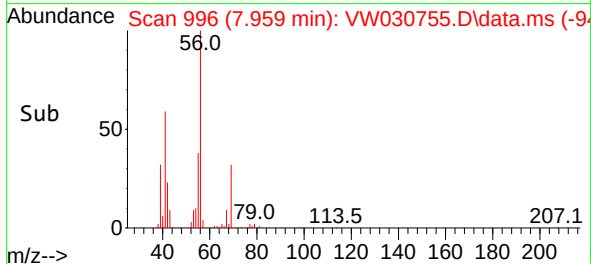
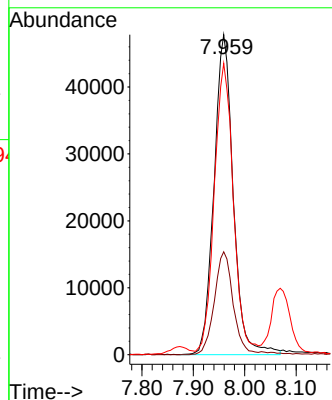
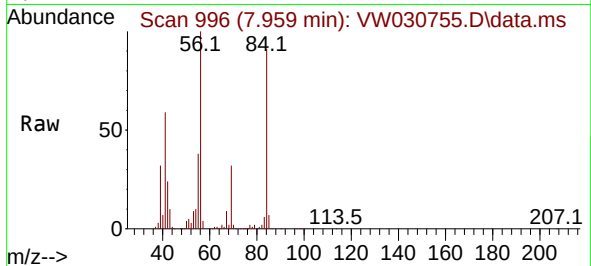




#29
Cyclohexane
Concen: 14.480 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

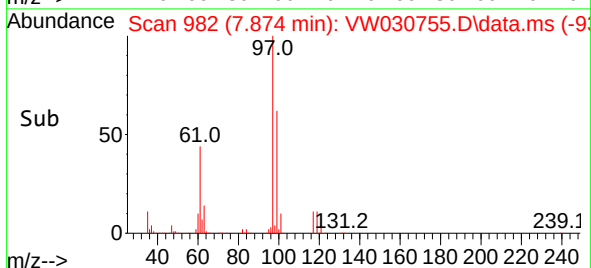
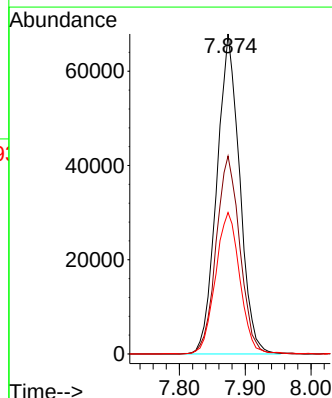
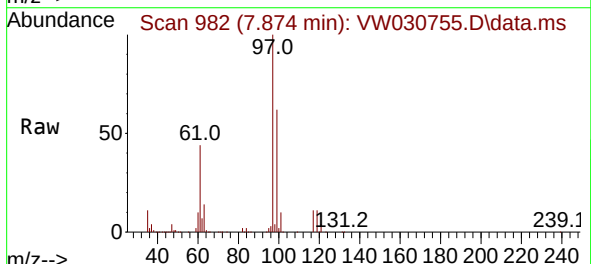
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

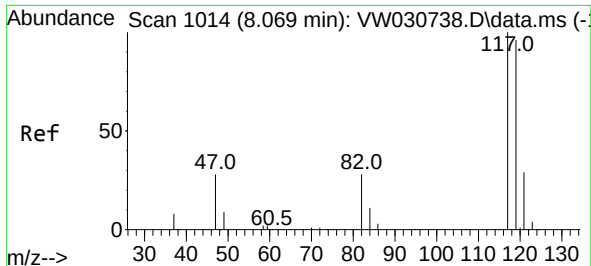
Tgt Ion: 56 Resp: 124666
Ion Ratio Lower Upper
56 100
69 31.1 25.4 38.0
84 90.4 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 17.471 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 97 Resp: 164037
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 47.0 38.5 57.7

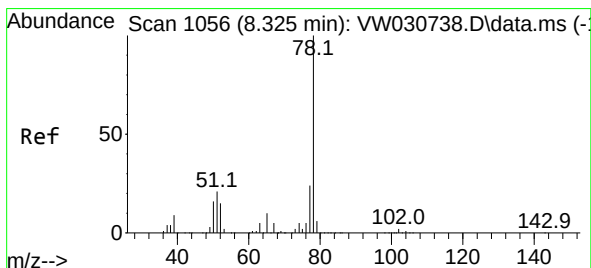
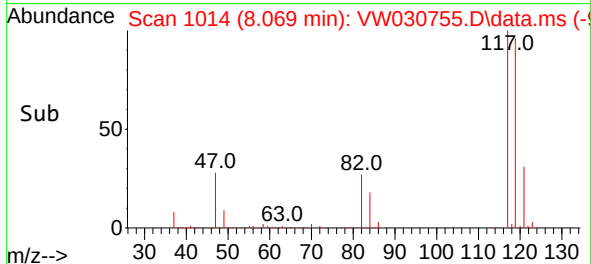
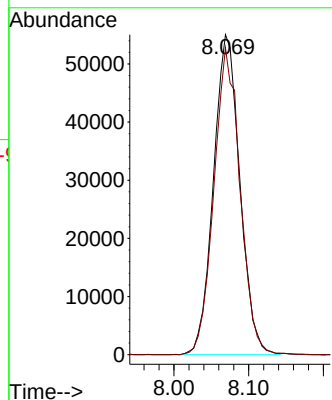
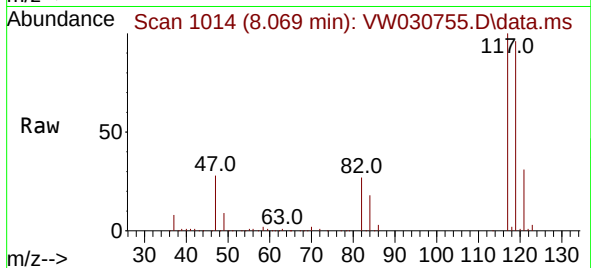




#31
Carbon tetrachloride
Concen: 16.116 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

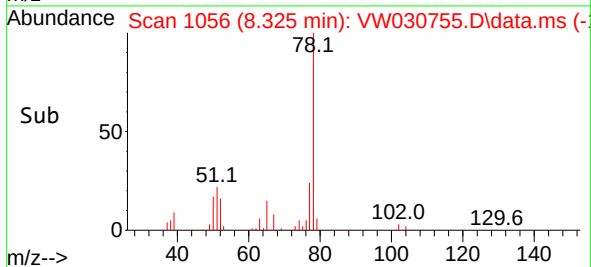
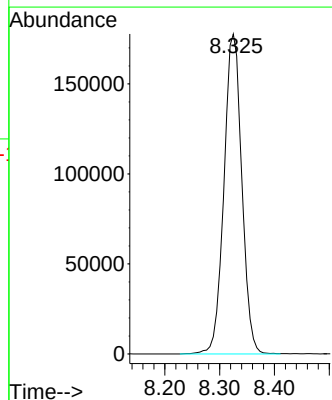
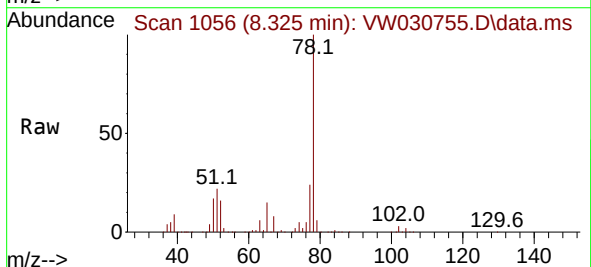
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

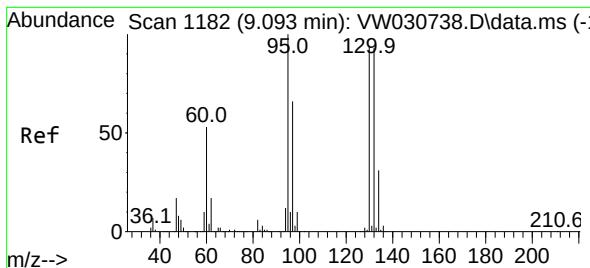
Tgt Ion:117 Resp: 135151
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.8



#33
Benzene
Concen: 17.498 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 78 Resp: 402762





#34

Trichloroethene

Concen: 15.361 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

A4F31MSD

Tgt Ion: 95 Resp: 98367

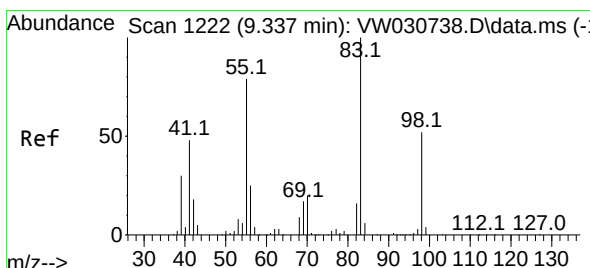
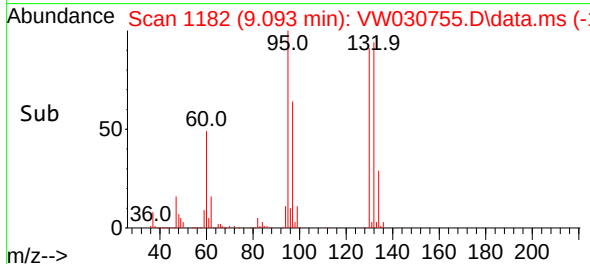
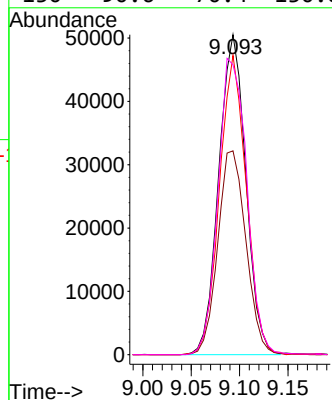
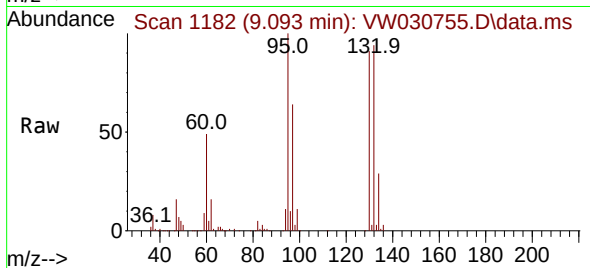
Ion Ratio Lower Upper

95 100

97 63.7 45.9 85.3

132 93.5 66.4 123.2

130 90.6 70.4 130.8



#35

Methylcyclohexane

Concen: 12.472 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

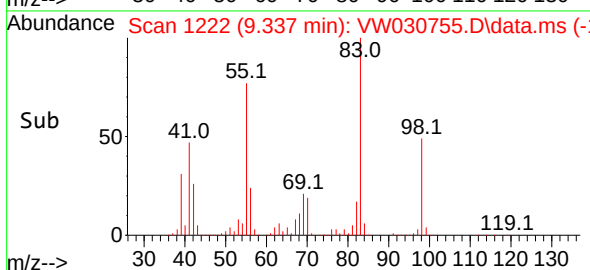
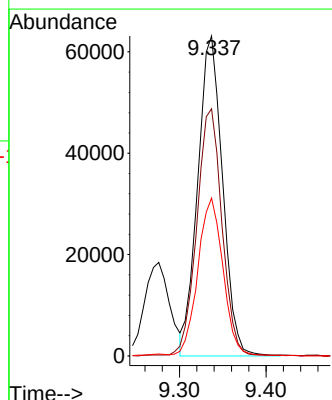
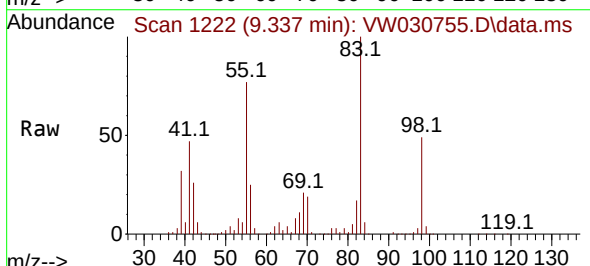
Tgt Ion: 83 Resp: 125691

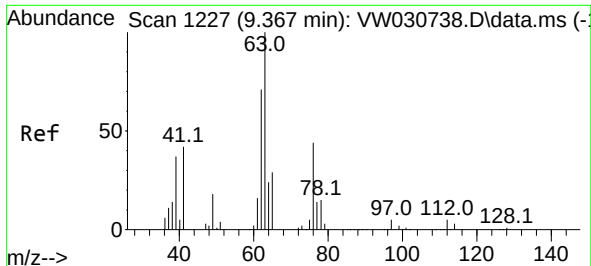
Ion Ratio Lower Upper

83 100

55 78.1 61.8 92.8

98 50.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 18.119 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

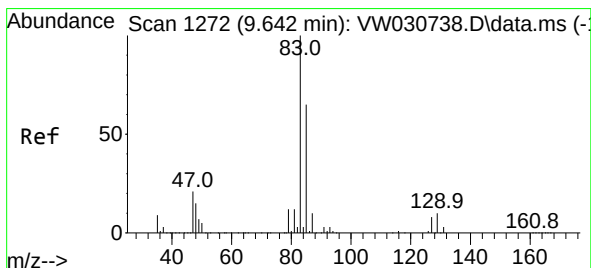
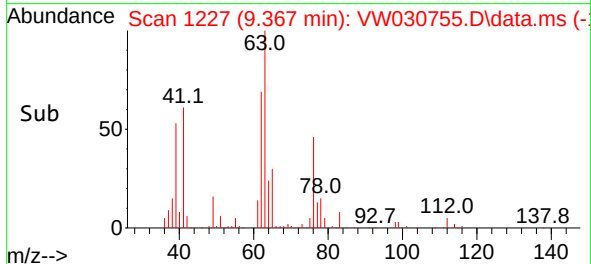
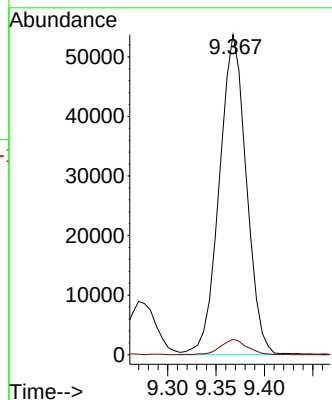
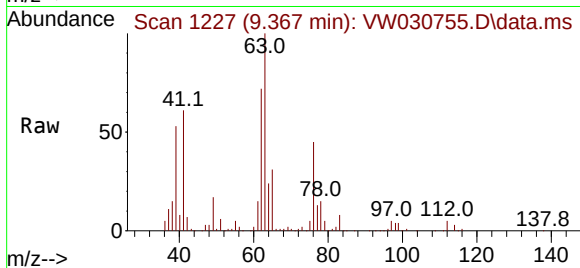
A4F31MSD

Tgt Ion: 63 Resp: 104158

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 17.216 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

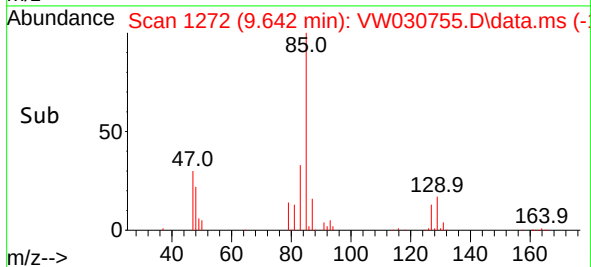
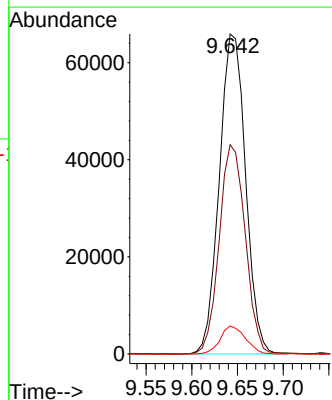
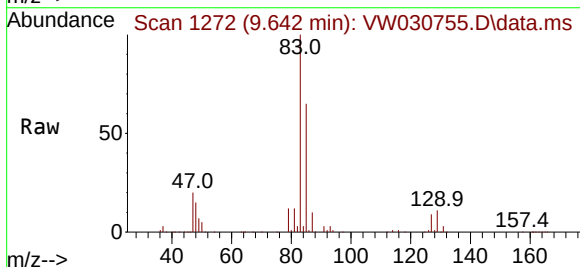
Tgt Ion: 83 Resp: 131673

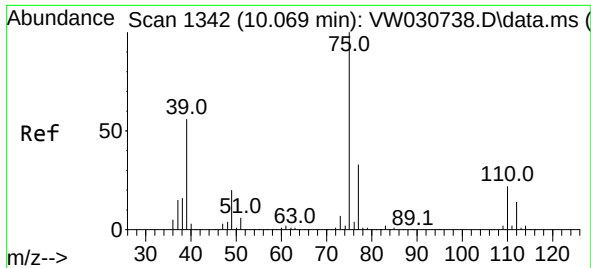
Ion Ratio Lower Upper

83 100

85 65.4 44.2 82.0

127 8.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 16.878 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

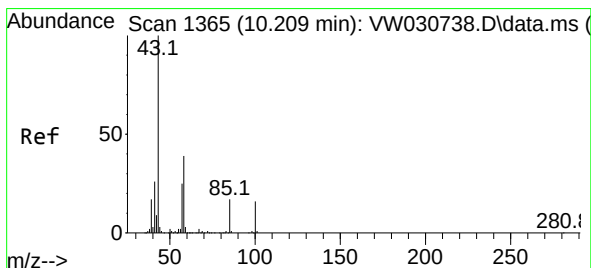
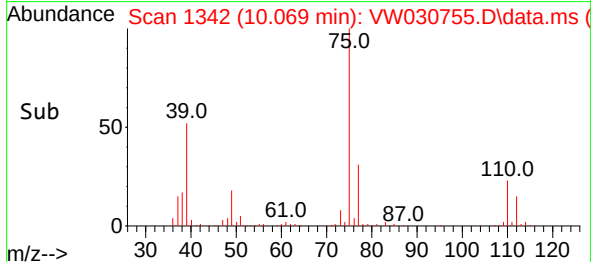
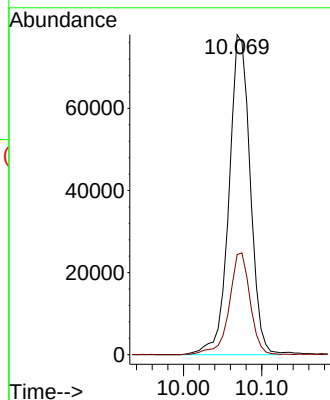
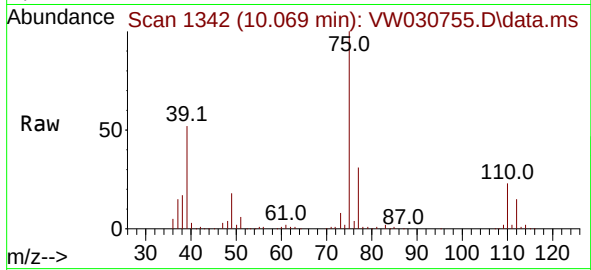
A4F31MSD

Tgt Ion: 75 Resp: 146347

Ion Ratio Lower Upper

75 100

77 31.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 34.652 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

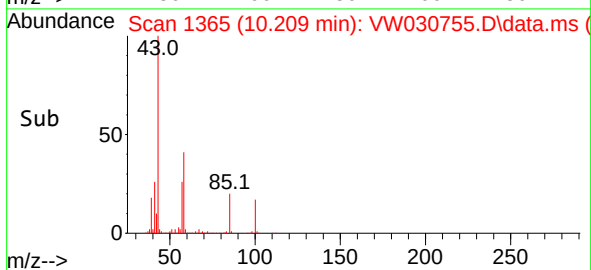
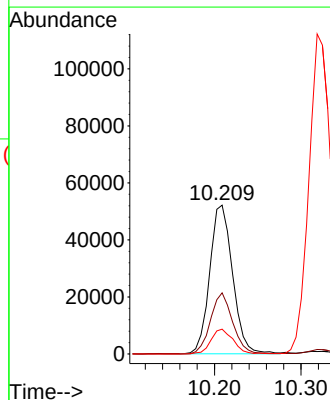
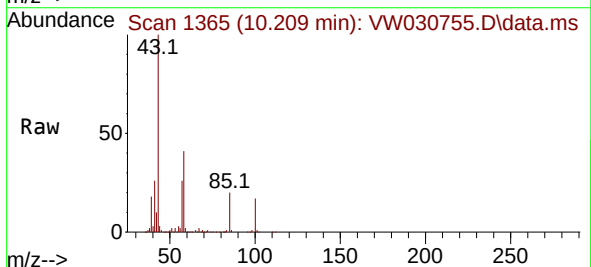
Tgt Ion: 43 Resp: 95699

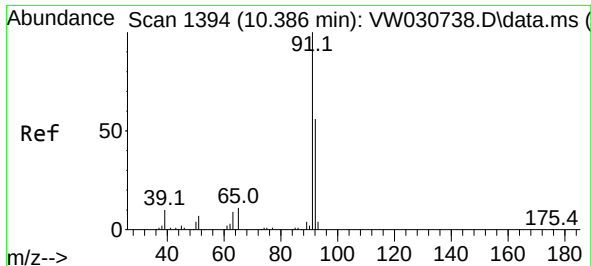
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 16.0 13.1 19.7

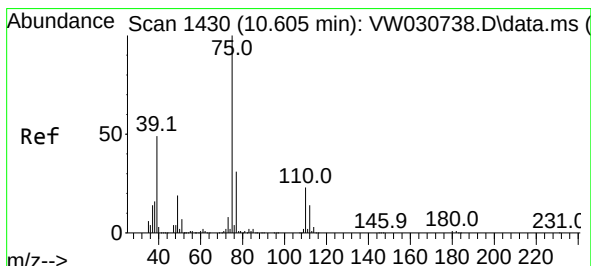
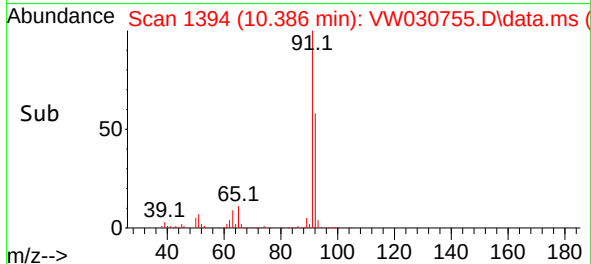
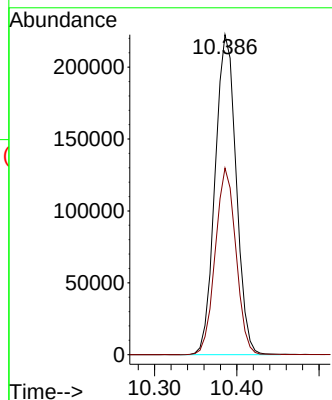
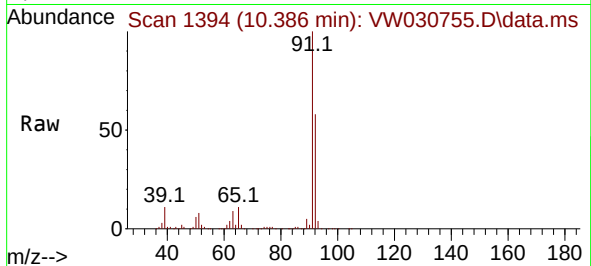




#42
Toluene
Concen: 16.154 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

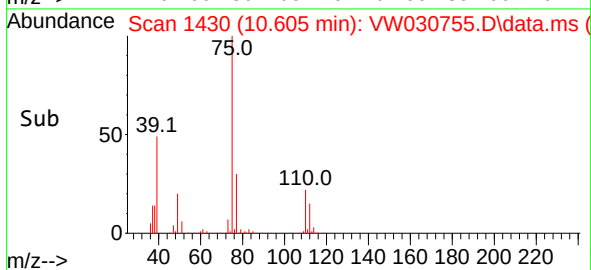
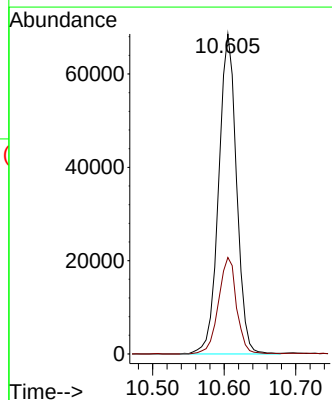
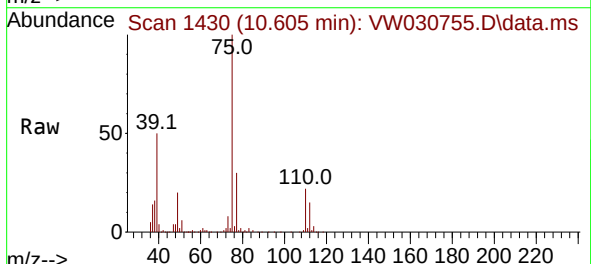
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

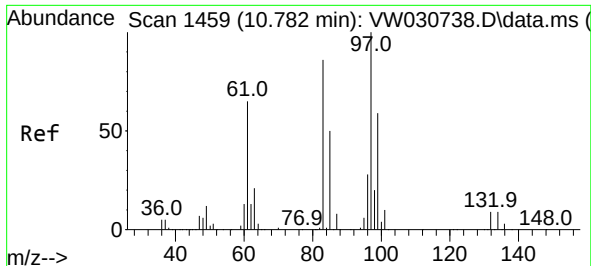
Tgt Ion: 91 Resp: 396667
Ion Ratio Lower Upper
91 100
92 58.3 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 16.352 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 75 Resp: 119151
Ion Ratio Lower Upper
75 100
77 30.2 21.6 40.2

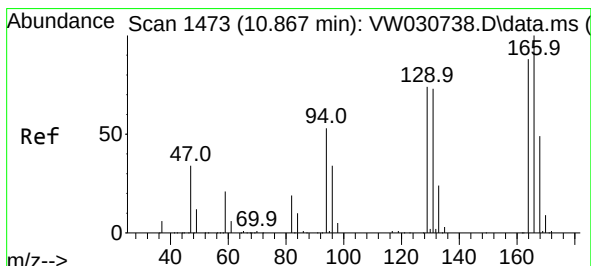
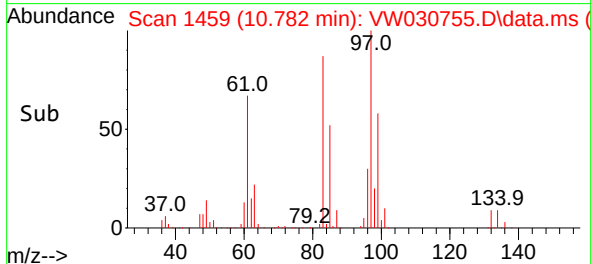
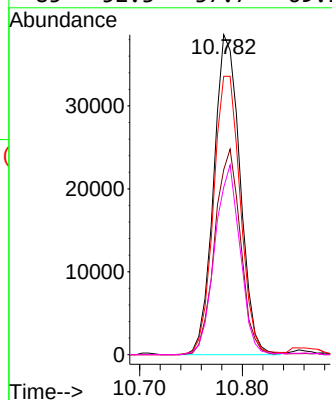
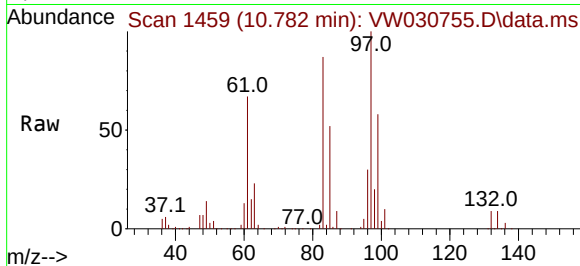




#45
1,1,2-Trichloroethane
Concen: 16.509 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

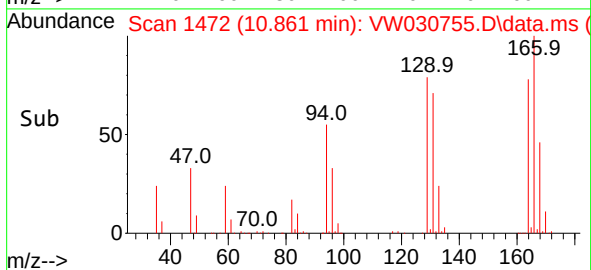
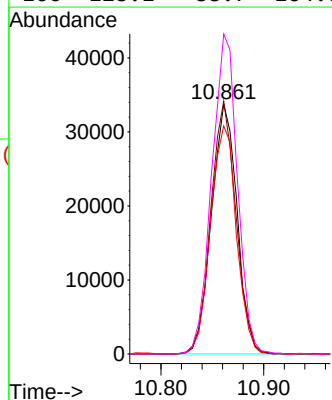
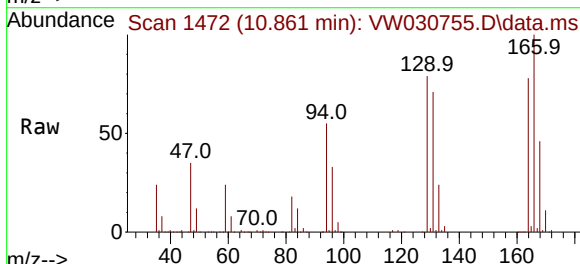
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

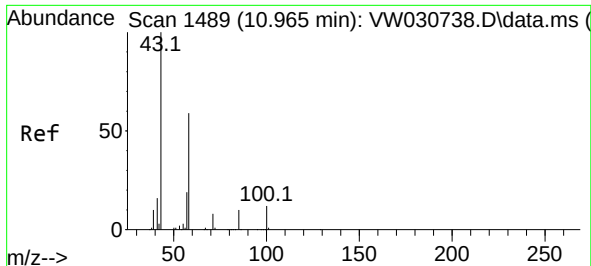
Tgt Ion:	97	Resp:	68590
Ion	Ratio	Lower	Upper
97	100		
99	57.8	41.2	76.6
83	87.0	59.6	110.6
85	52.3	37.7	69.9



#46
Tetrachloroethene
Concen: 12.331 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion:	164	Resp:	58237
Ion	Ratio	Lower	Upper
164	100		
129	101.3	66.6	123.6
131	91.2	63.7	118.3
166	128.1	88.7	164.7

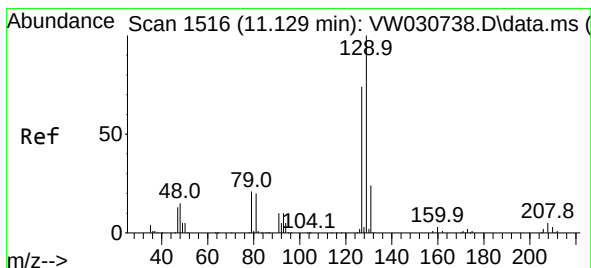
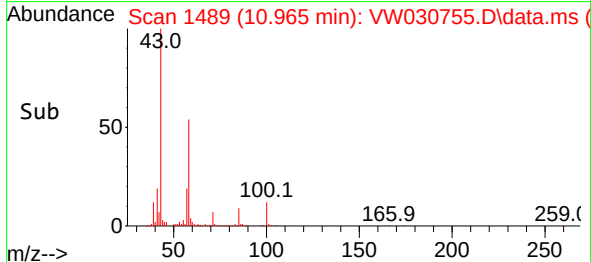
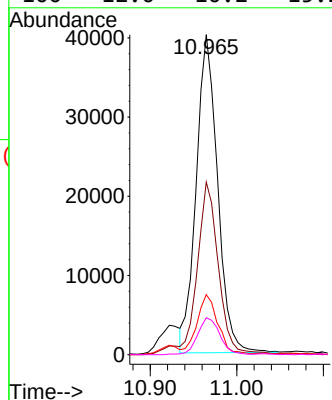
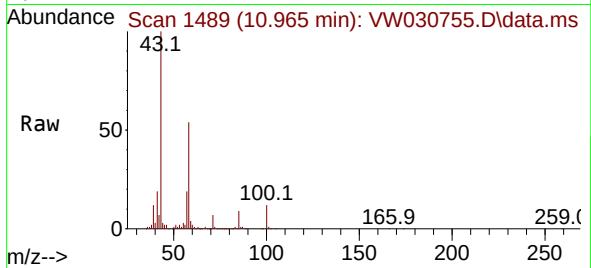




#48
2-Hexanone
Concen: 30.485 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

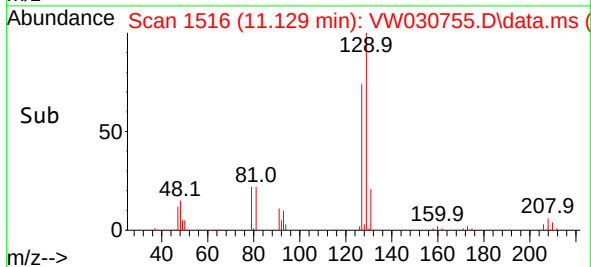
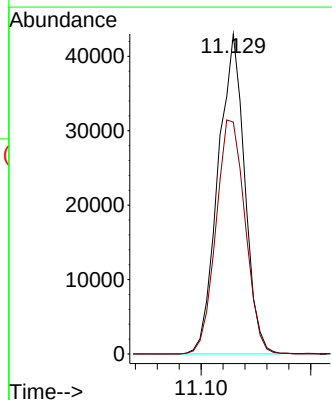
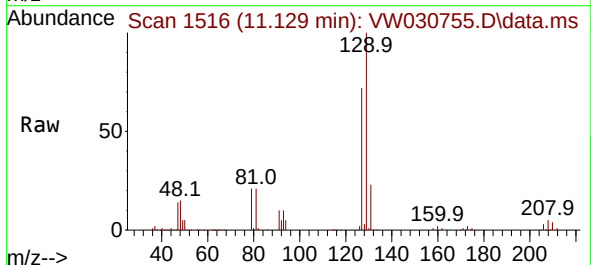
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

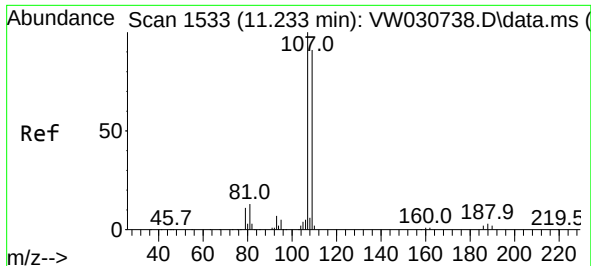
Tgt Ion: 43	Resp: 68850
Ion Ratio	Lower Upper
43 100	
58 52.8	44.6 67.0
57 18.7	15.8 23.8
100 12.0	10.2 15.2



#49
Dibromochloromethane
Concen: 15.624 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion:129	Resp: 72430		
Ion Ratio	Lower	Upper	
129 100			
127 72.4	56.5	104.9	





#50

1,2-Dibromoethane

Concen: 16.150 ug/L

RT: 11.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

A4F31MSD

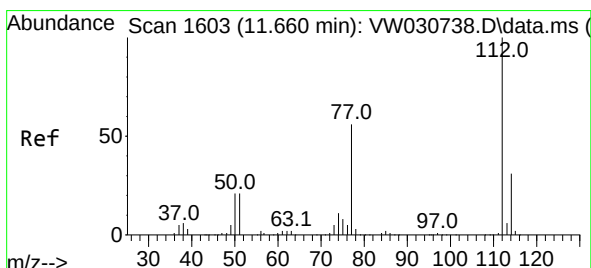
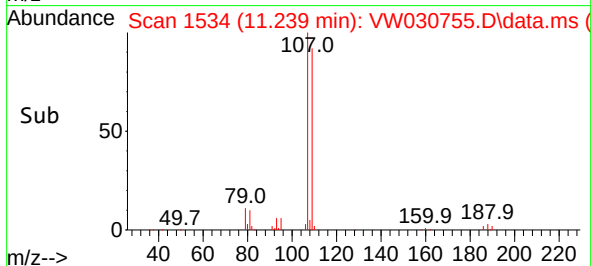
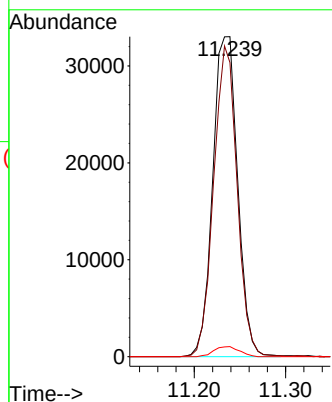
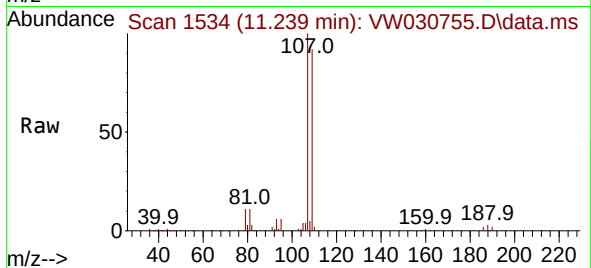
Tgt Ion:107 Resp: 62608

Ion Ratio Lower Upper

107 100

109 91.9 63.8 118.6

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 14.399 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

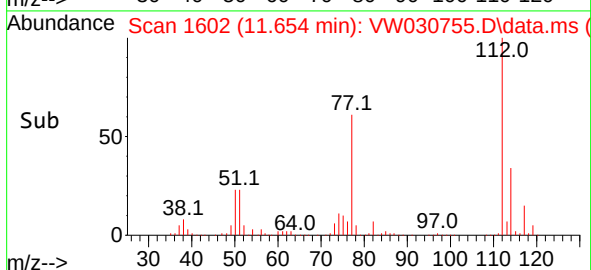
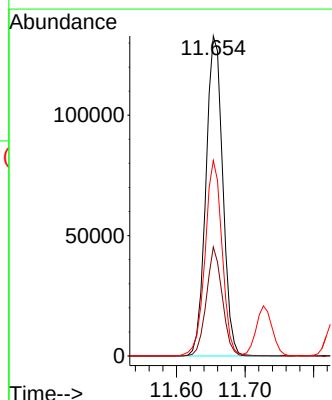
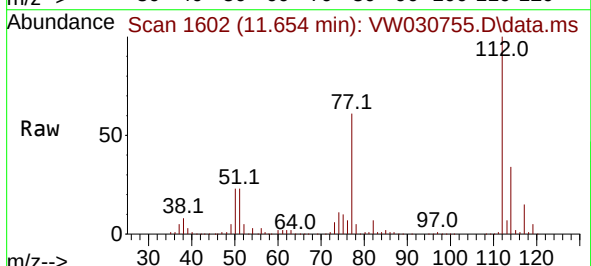
Tgt Ion:112 Resp: 227615

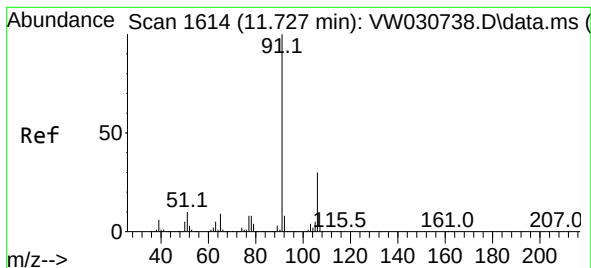
Ion Ratio Lower Upper

112 100

114 34.1 22.4 41.6

77 61.1 47.1 70.7

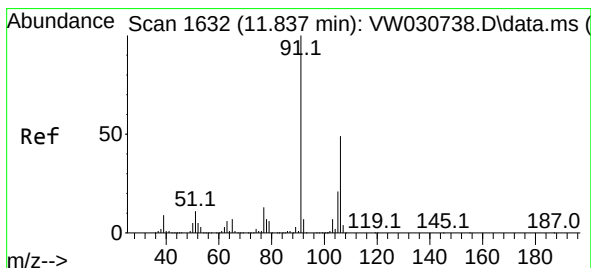
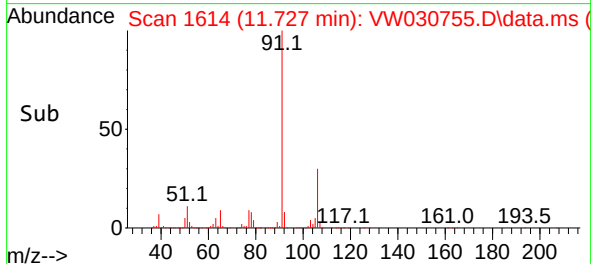
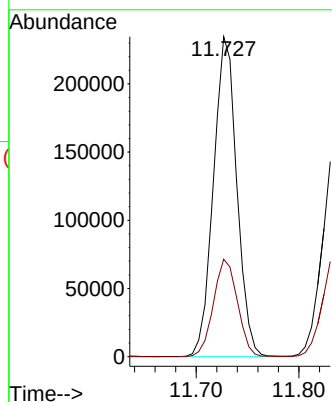
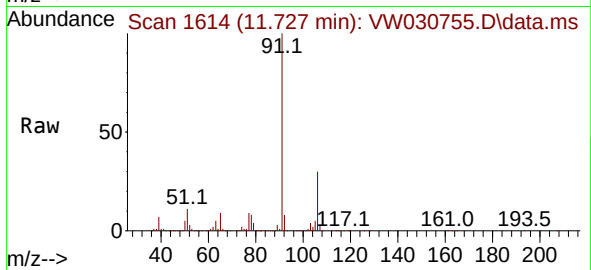




#52
Ethylbenzene
Concen: 13.243 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

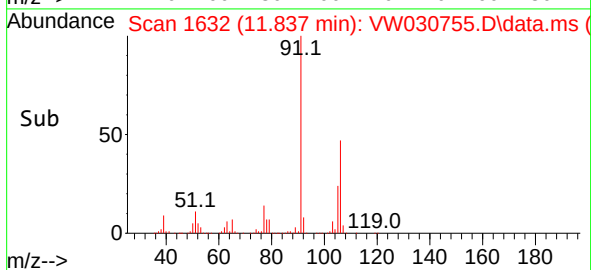
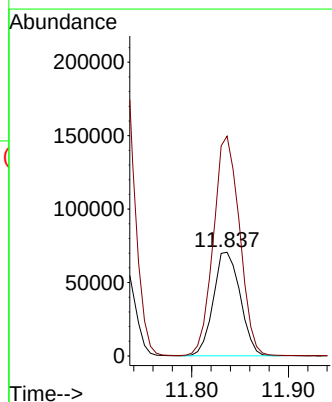
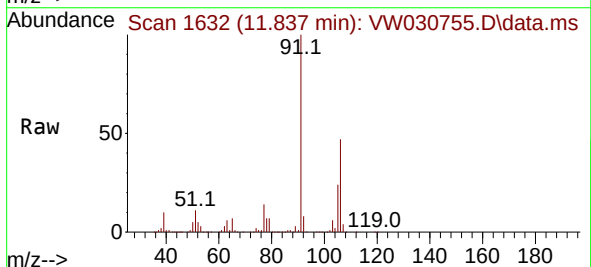
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

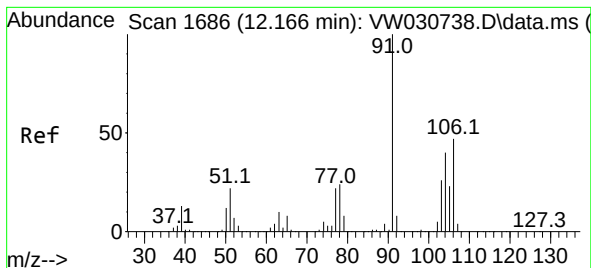
Tgt Ion: 91 Resp: 371067
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 12.967 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion: 106 Resp: 136120
Ion Ratio Lower Upper
106 100
91 211.9 140.6 261.2





#54

o-Xylene

Concen: 13.837 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

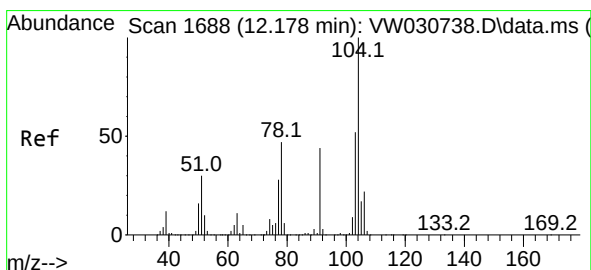
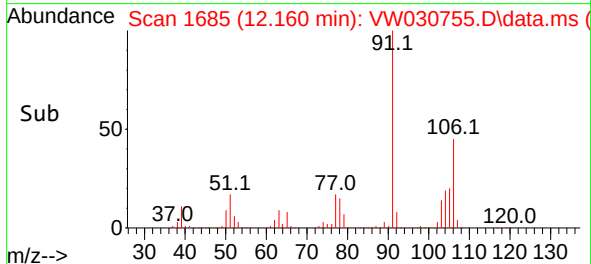
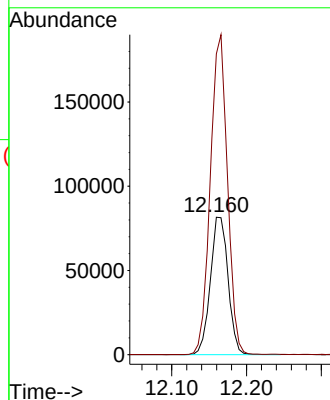
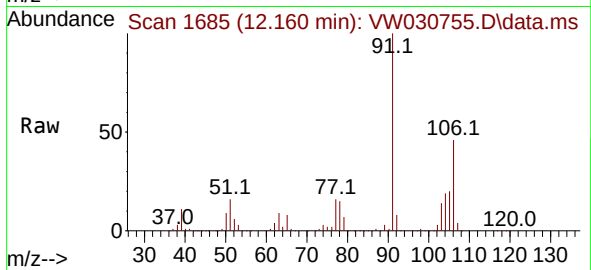
A4F31MSD

Tgt Ion:106 Resp: 134287

Ion Ratio Lower Upper

106 100

91 218.9 144.5 268.4



#55

Styrene

Concen: 13.494 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030755.D

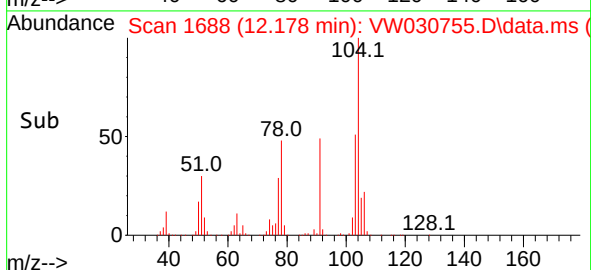
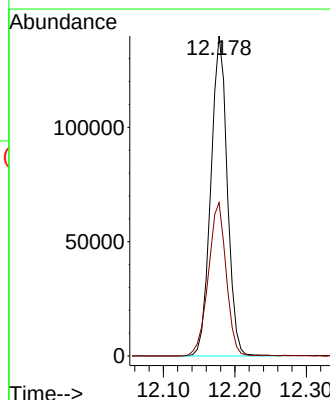
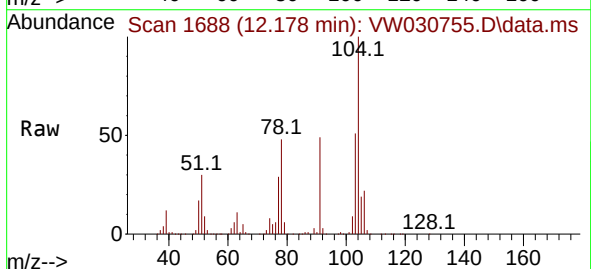
Acq: 24 Oct 2024 19:30

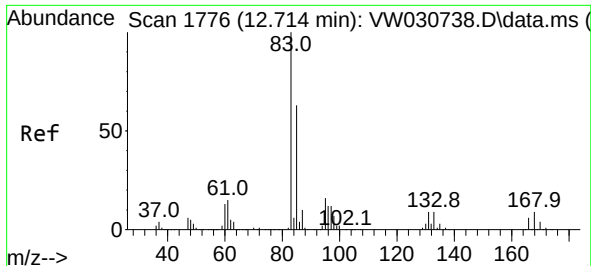
Tgt Ion:104 Resp: 223879

Ion Ratio Lower Upper

104 100

78 47.9 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 15.407 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

A4F31MSD

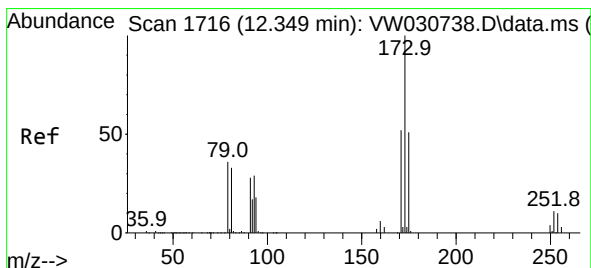
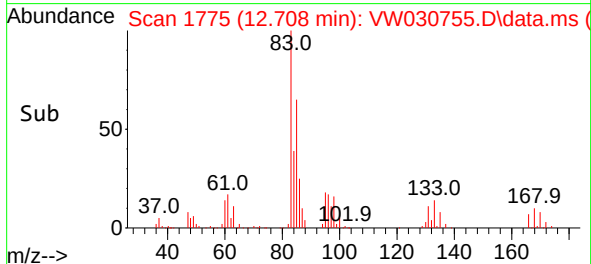
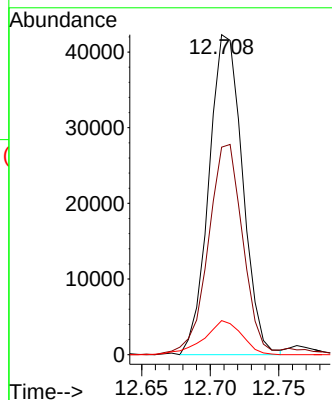
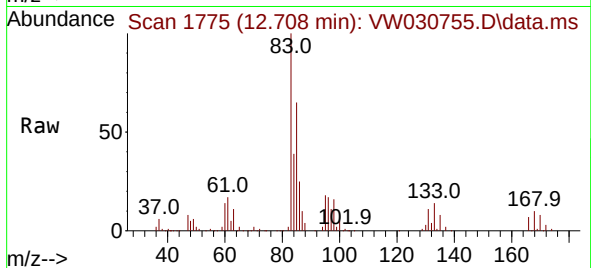
Tgt Ion: 83 Resp: 72183

Ion Ratio Lower Upper

83 100

85 64.8 42.6 79.2

131 10.7 7.4 11.0



#59

Bromoform

Concen: 19.781 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

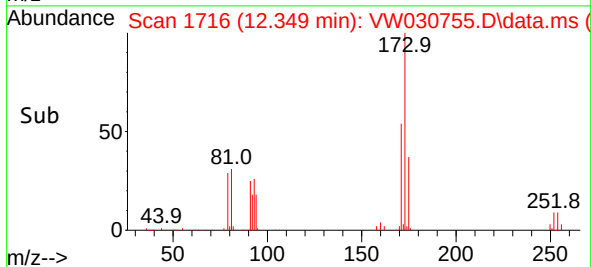
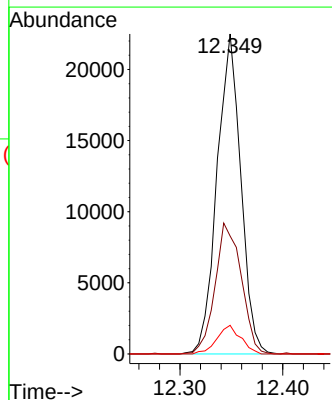
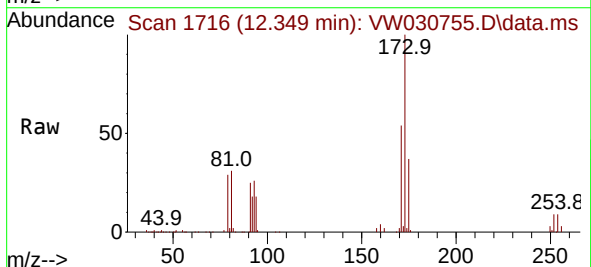
Tgt Ion:173 Resp: 36080

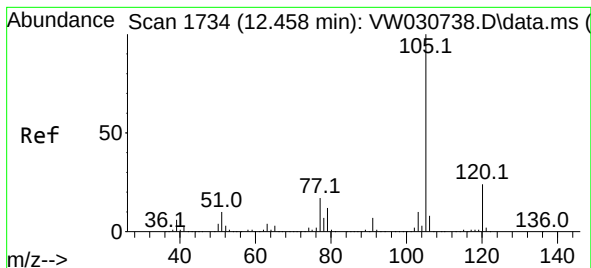
Ion Ratio Lower Upper

173 100

175 44.9 39.0 58.4

254 9.0 7.7 11.5





#60

Isopropylbenzene

Concen: 15.559 ug/L

RT: 12.458 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

A4F31MSD

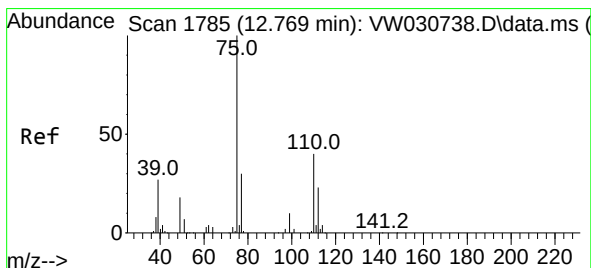
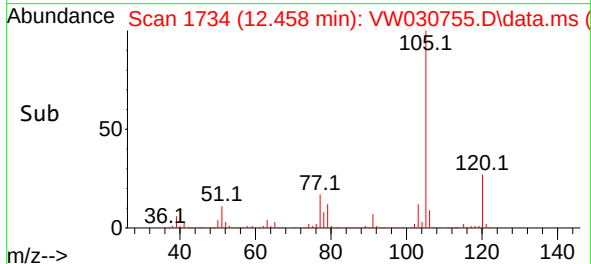
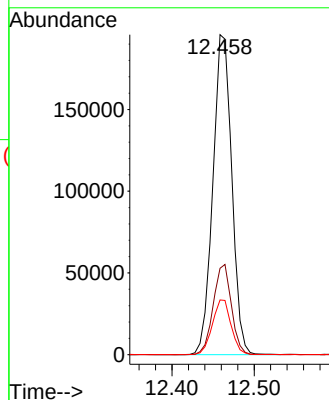
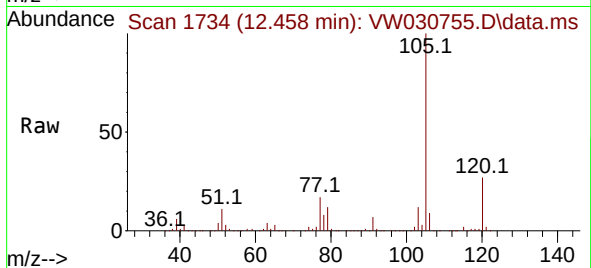
Tgt Ion:105 Resp: 312803

Ion Ratio Lower Upper

105 100

120 27.0 20.6 31.0

77 17.0 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 20.566 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

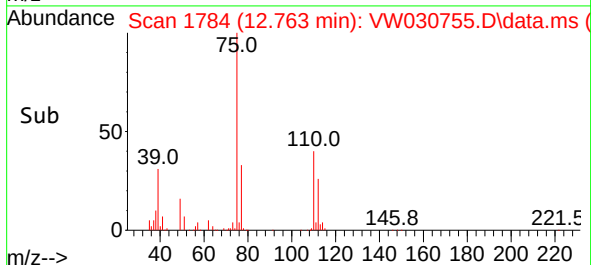
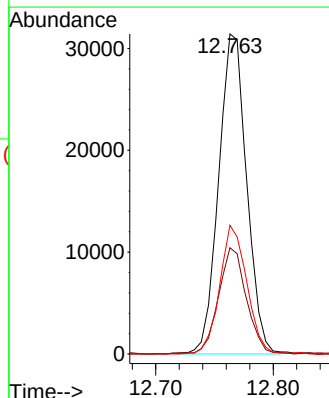
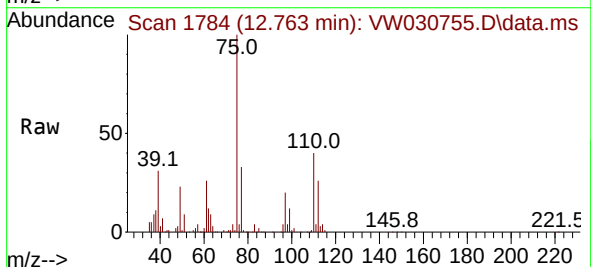
Tgt Ion: 75 Resp: 51954

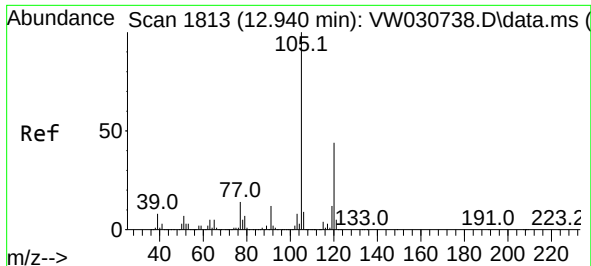
Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5

110 38.9 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 14.698 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

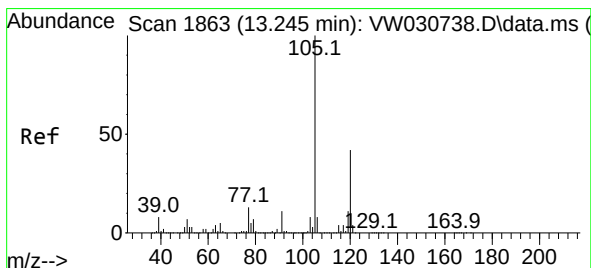
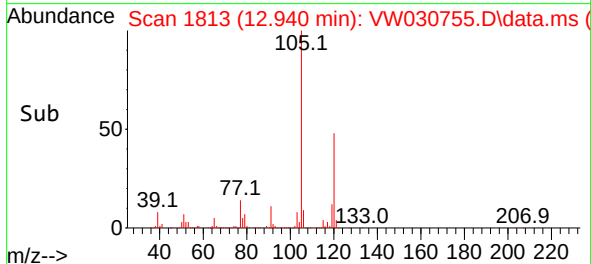
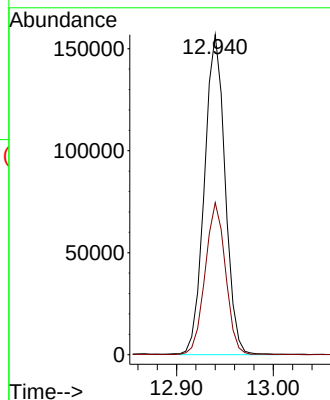
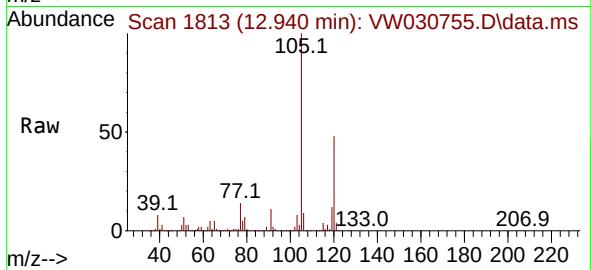
A4F31MSD

Tgt Ion:105 Resp: 233123

Ion Ratio Lower Upper

105 100

120 46.7 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 15.005 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030755.D

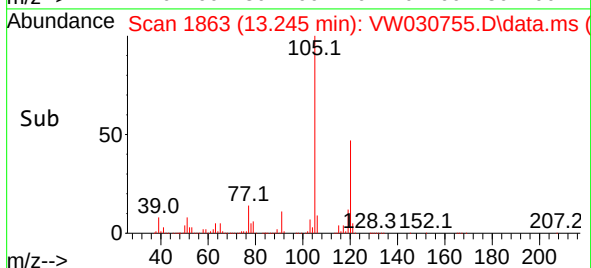
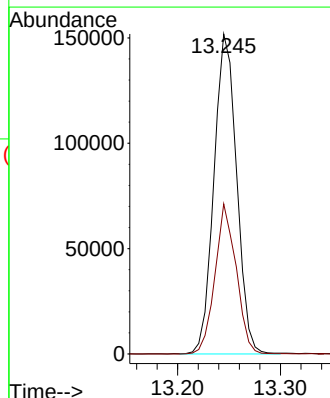
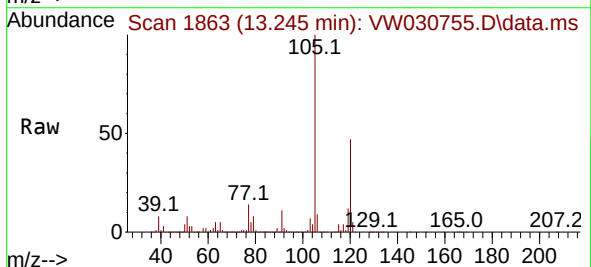
Acq: 24 Oct 2024 19:30

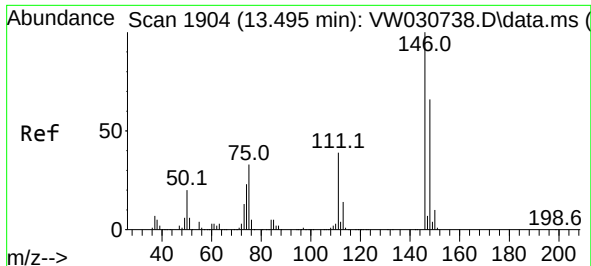
Tgt Ion:105 Resp: 233020

Ion Ratio Lower Upper

105 100

120 43.8 35.8 53.6

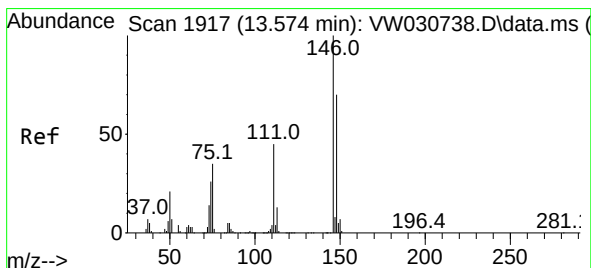
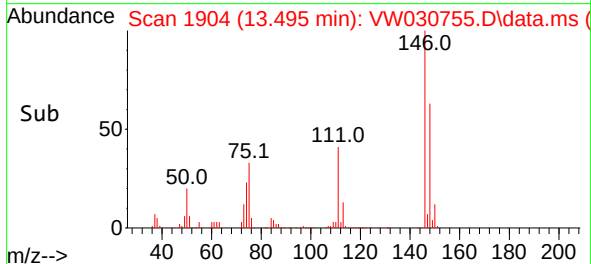
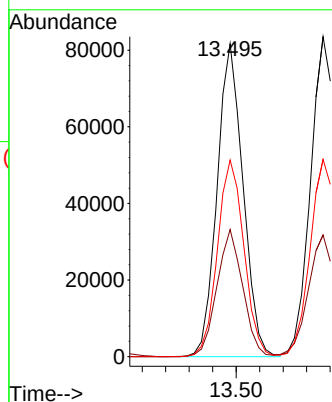
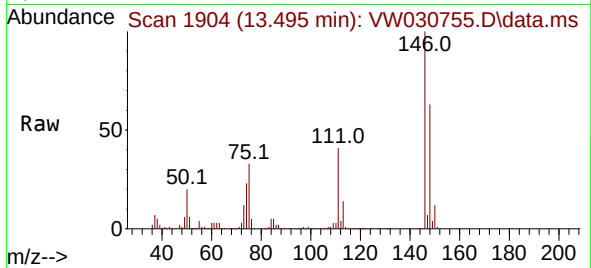




#64
1,3-Dichlorobenzene
Concen: 14.305 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

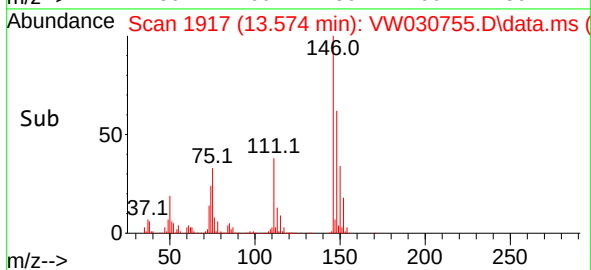
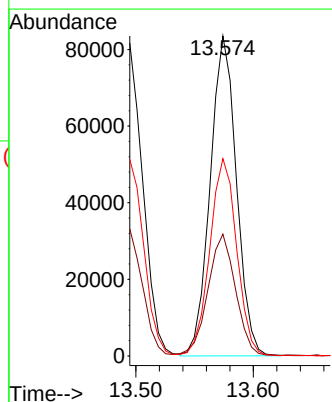
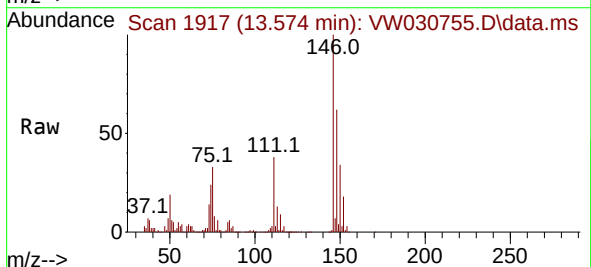
Instrument :
MSVOA_W
ClientSampleId :
A4F31MSD

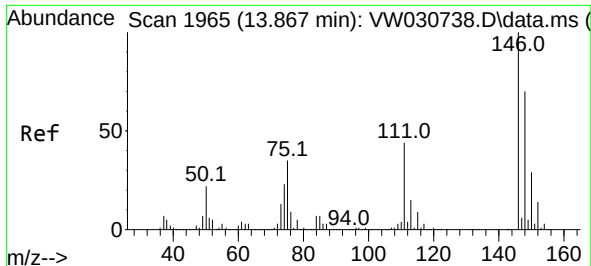
Tgt Ion:146 Resp: 125181
Ion Ratio Lower Upper
146 100
111 40.7 31.2 58.0
148 62.9 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 14.363 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030755.D
Acq: 24 Oct 2024 19:30

Tgt Ion:146 Resp: 129786
Ion Ratio Lower Upper
146 100
111 38.1 26.8 49.8
148 61.6 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 14.645 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

A4F31MSD

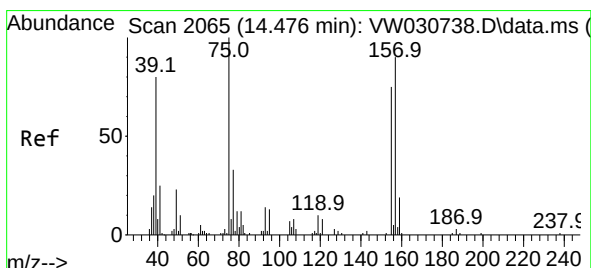
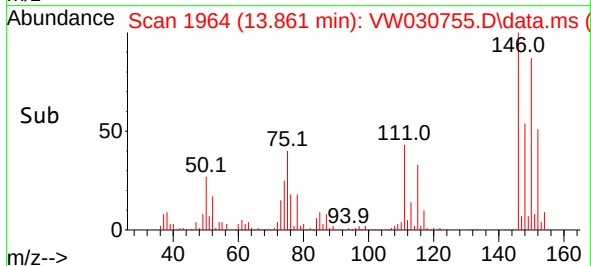
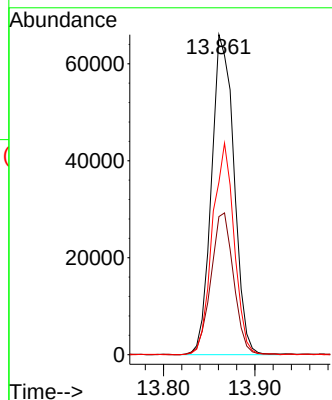
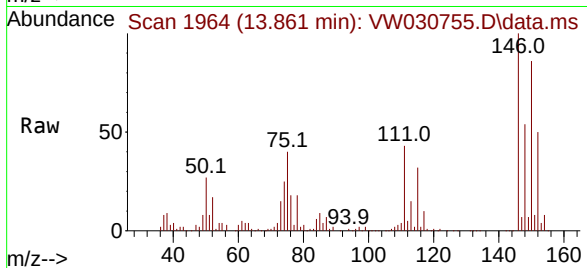
Tgt Ion:146 Resp: 112774

Ion Ratio Lower Upper

146 100

111 43.2 34.6 52.0

148 53.9 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 17.143 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

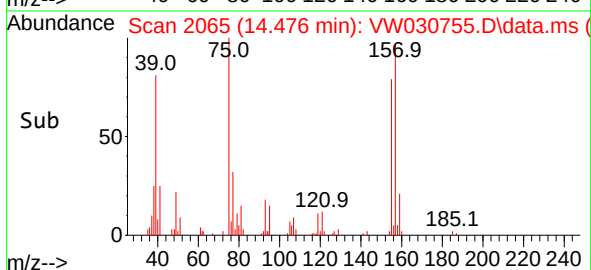
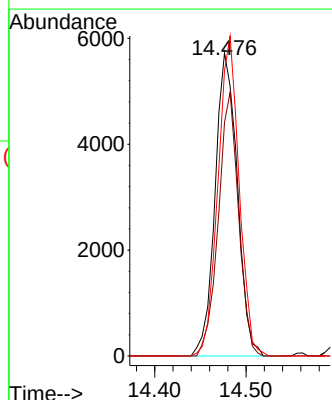
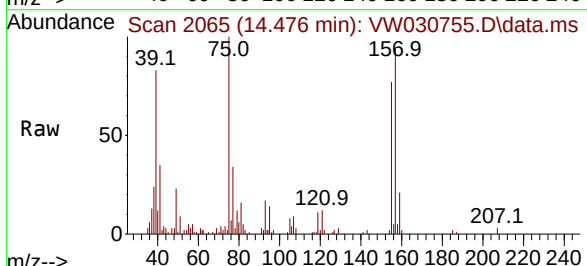
Tgt Ion: 75 Resp: 9656

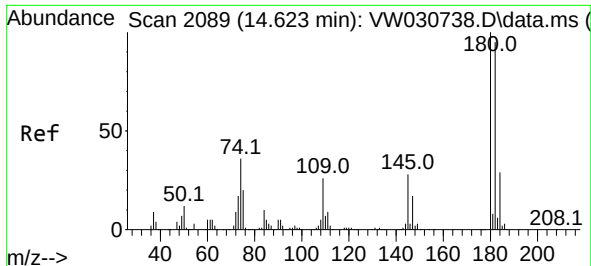
Ion Ratio Lower Upper

75 100

155 77.1 57.9 86.9

157 94.2 69.0 103.6

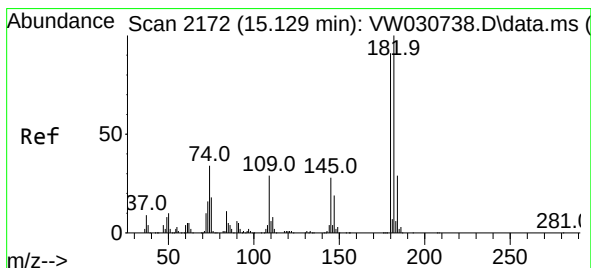
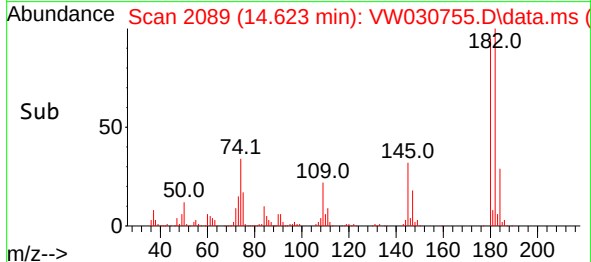
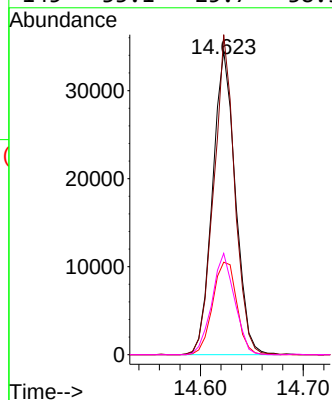
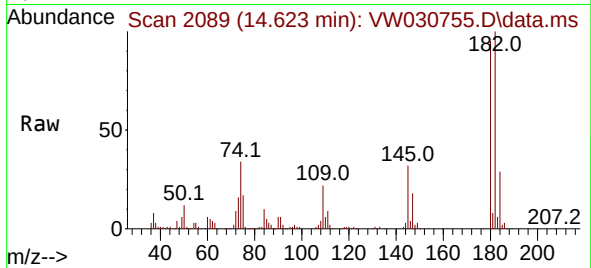




#69
 1,3,5-Trichlorobenzene
 Concen: 9.198 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

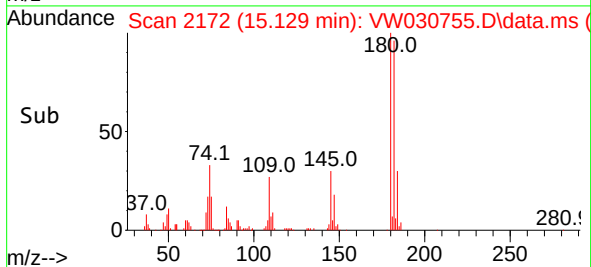
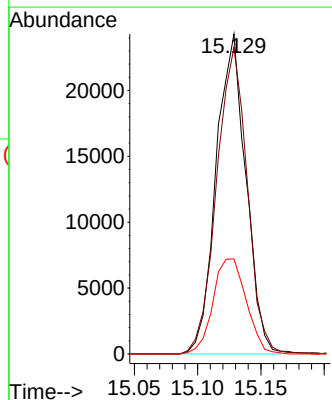
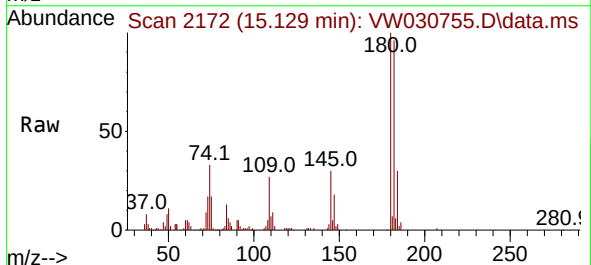
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F31MSD

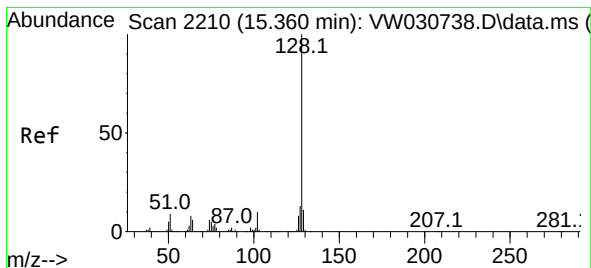
Tgt Ion:	180	Resp:	53080
Ion Ratio	Lower	Upper	
180	100		
182	97.0	79.9	119.9
184	32.3	25.2	37.8
145	33.1	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 8.557 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030755.D
 Acq: 24 Oct 2024 19:30

Tgt Ion:	180	Resp:	39751
Ion Ratio	Lower	Upper	
180	100		
182	98.5	75.2	112.8
145	33.2	25.4	38.2





#71

Naphthalene

Concen: 12.242 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

A4F31MSD

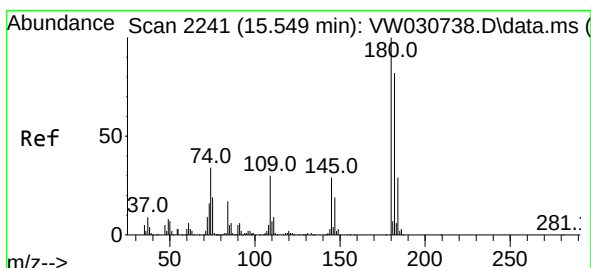
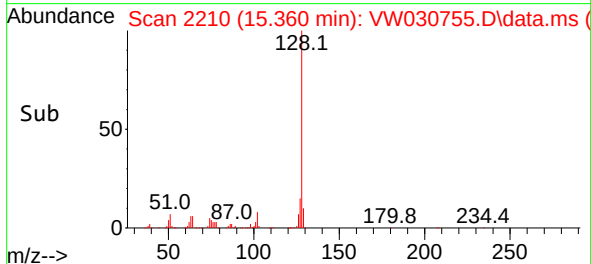
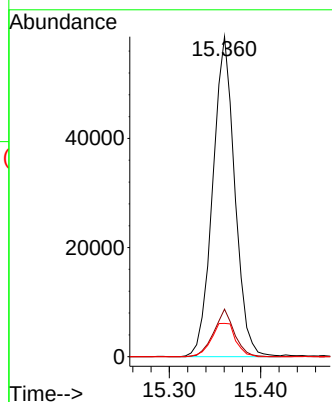
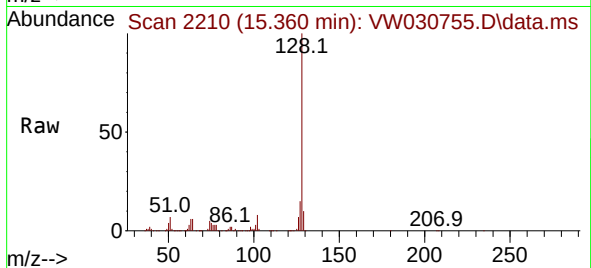
Tgt Ion:128 Resp: 98253

Ion Ratio Lower Upper

128 100

127 13.8 10.9 16.3

129 11.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 8.330 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030755.D

Acq: 24 Oct 2024 19:30

Tgt Ion:180 Resp: 33550

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

145 33.5 27.4 41.2

