

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
 Data File : VW030715.D
 Acq On : 22 Oct 2024 19:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 23 01:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 23 01:34:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242634	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114606	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	68639	17.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
7) Chloroethane-d5	2.905	69	65500	22.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.760%
11) 1,1-Dichloroethene-d2	4.021	65	30121	18.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.960%
21) 2-Butanone-d5	7.075	46	41656	60.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.380%
24) Chloroform-d	7.648	84	180454	26.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.040%
26) 1,2-Dichloroethane-d4	8.307	65	93171	25.822	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.280%
32) Benzene-d6	8.276	84	313977	23.591	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	9.276	67	99601	25.497	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.000%
41) Toluene-d8	10.319	98	292180	24.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.575	79	38511	23.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.160%
47) 2-Hexanone-d5	10.922	63	31956	63.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85761	29.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	102835	26.519	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	62605	20.195	ug/L	91
3) Chloromethane	2.223	50	91950	25.521	ug/L	97
5) Vinyl chloride	2.375	62	109869	24.797	ug/L	98
6) Bromomethane	2.789	94	76405	26.199	ug/L	99
8) Chloroethane	2.936	64	75348	27.818	ug/L	99
9) Trichlorofluoromethane	3.271	101	98505	24.846	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86415	24.227	ug/L	95
12) 1,1-Dichloroethene	4.045	96	83164	25.547	ug/L	94
13) Acetone	4.119	43	34786	34.619	ug/L	96
14) Carbon disulfide	4.387	76	237972	22.386	ug/L	98
15) Methyl Acetate	4.673	43	37158	29.936	ug/L	99
16) Methylene chloride	4.923	84	95822	26.123	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	92177	26.241	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	149936	30.499	ug/L	99
19) 1,1-Dichloroethane	6.216	63	186321	28.539	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	107763	28.762	ug/L	98
22) 2-Butanone	7.167	43	47266	43.638	ug/L	98
23) Bromochloromethane	7.514	128	45399	27.698	ug/L #	90
25) Chloroform	7.673	83	199403	28.581	ug/L	96

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 Response via : Initial Calibration

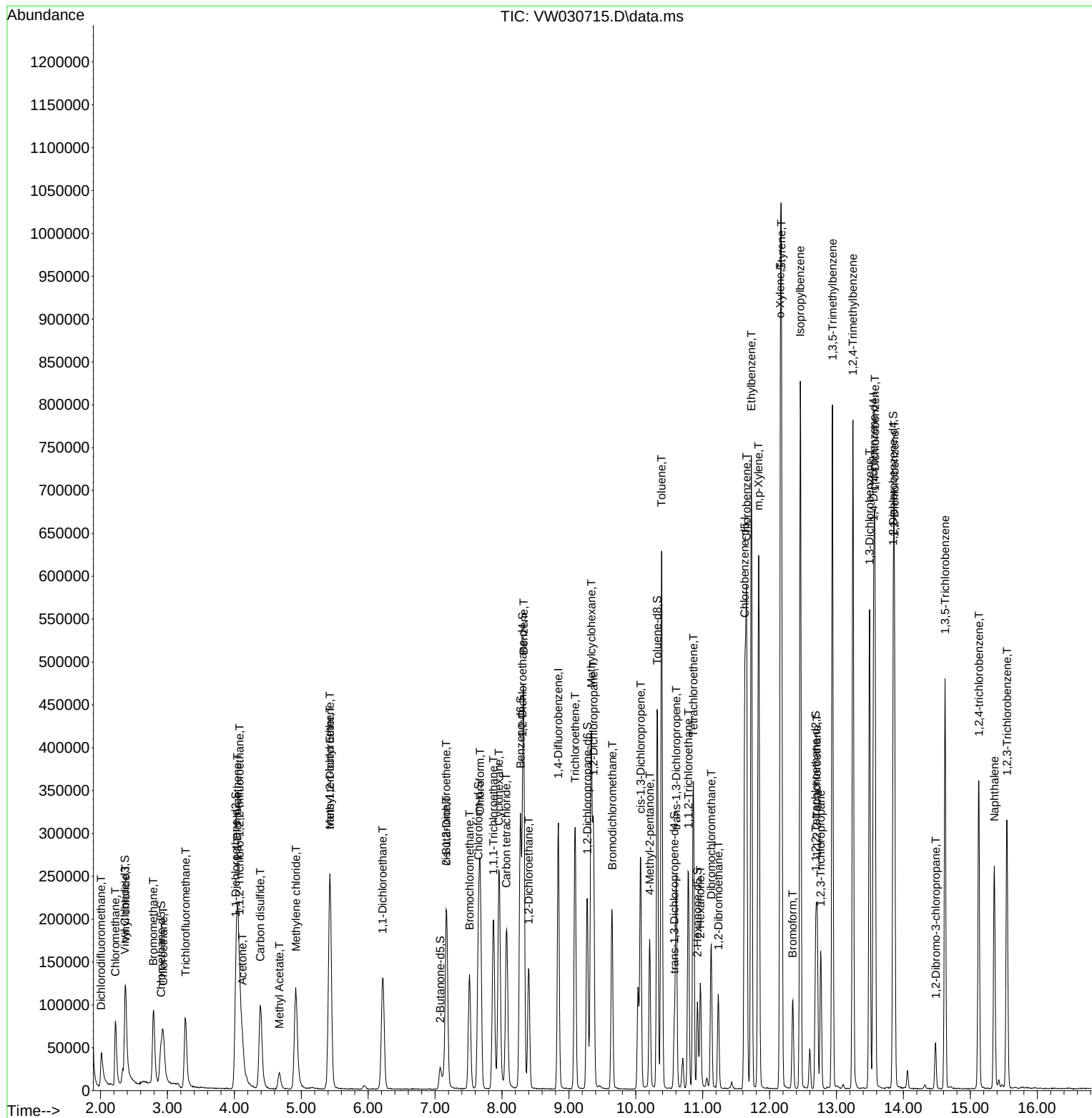
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127154	27.626	ug/L	100
29) Cyclohexane	7.953	56	140167	25.111	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	159275	26.165	ug/L	98
31) Carbon tetrachloride	8.063	117	138908	25.549	ug/L	98
33) Benzene	8.325	78	404966	27.138	ug/L	100
34) Trichloroethene	9.093	95	106274	25.598	ug/L	97
35) Methylcyclohexane	9.337	83	162605	24.887	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106159	28.484	ug/L	100
38) Bromodichloromethane	9.648	83	138584	27.948	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	153574	27.318	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	110072	61.476	ug/L	99
42) Toluene	10.386	91	445380	27.976	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	129239	27.358	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	78320	29.076	ug/L	98
46) Tetrachloroethene	10.861	164	74952	24.478	ug/L	91
48) 2-Hexanone	10.965	43	77570	52.977	ug/L	97
49) Dibromochloromethane	11.129	129	85482	28.442	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71074	28.278	ug/L	100
51) Chlorobenzene	11.654	112	278019	27.128	ug/L	98
52) Ethylbenzene	11.727	91	506082	27.859	ug/L	99
53) m,p-Xylene	11.837	106	190188	27.945	ug/L	95
54) o-Xylene	12.160	106	178199	28.322	ug/L	96
55) Styrene	12.178	104	315649	29.345	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	90281	29.722	ug/L	98
59) Bromoform	12.343	173	41720	25.910	ug/L	97
60) Isopropylbenzene	12.459	105	502693	28.324	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	62742	28.134	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	399481	28.530	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	396791	28.943	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	212816	27.548	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	215119	26.968	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	189728	27.909	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	13502	27.153	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	125513	24.638	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	105151	25.640	ug/L	99
71) Naphthalene	15.360	128	214634	30.292	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102239	28.756	ug/L	94

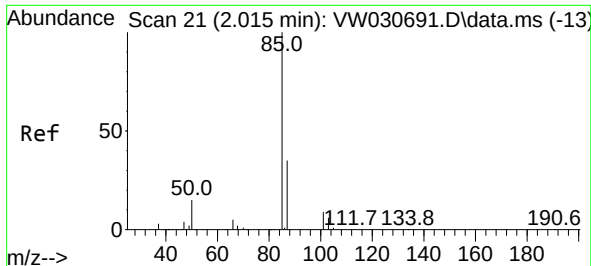
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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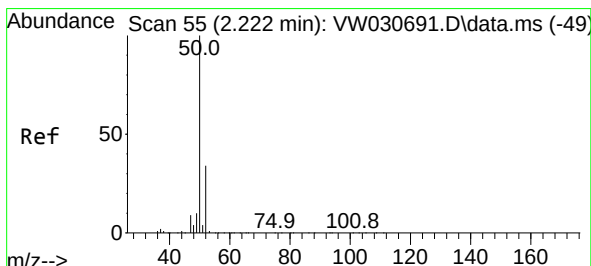
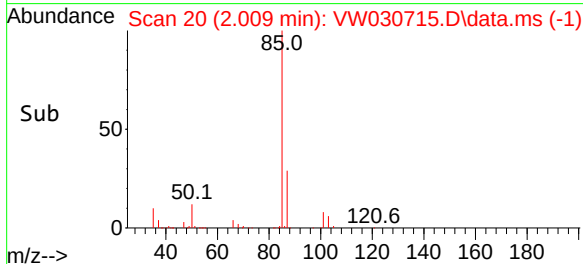
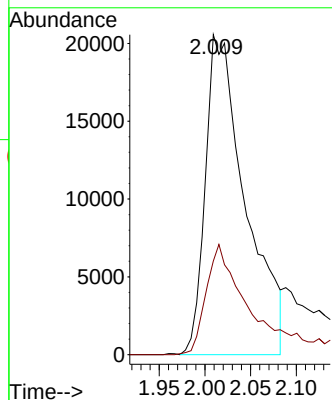
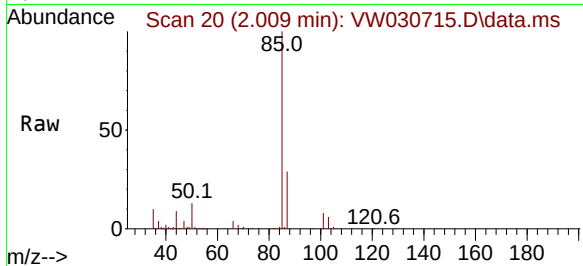




#2
 Dichlorodifluoromethane
 Concen: 20.195 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030715.D
 Acq: 22 Oct 2024 19:56

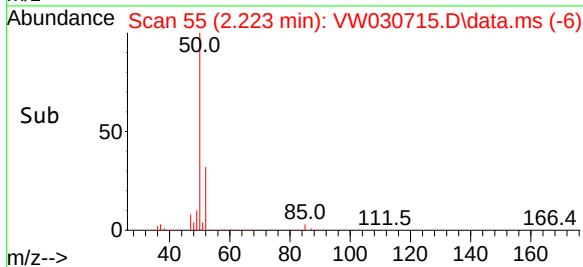
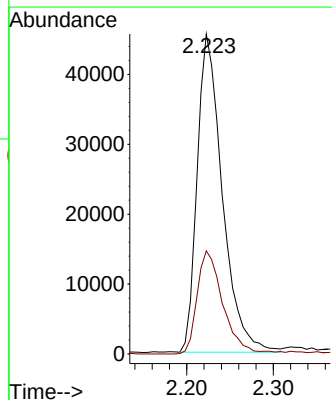
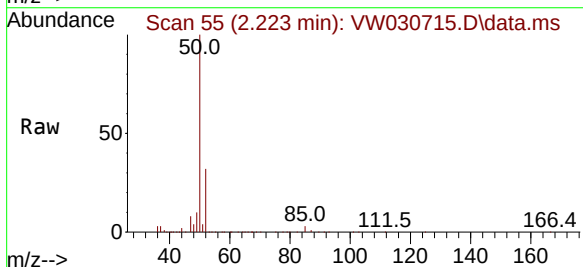
Instrument :
 MSVOA_W
 ClientSampleId :

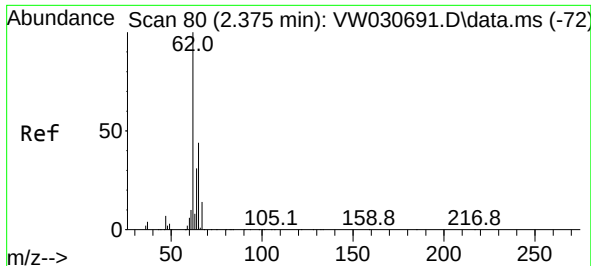
Tgt Ion: 85 Resp: 62605
 Ion Ratio Lower Upper
 85 100
 87 34.5 23.8 35.6



#3
 Chloromethane
 Concen: 25.521 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030715.D
 Acq: 22 Oct 2024 19:56

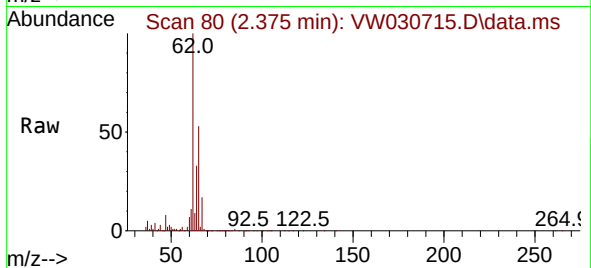
Tgt Ion: 50 Resp: 91950
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.7 43.9



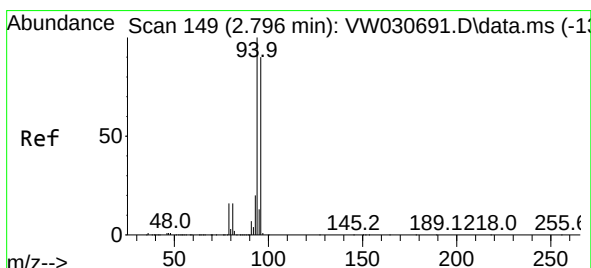
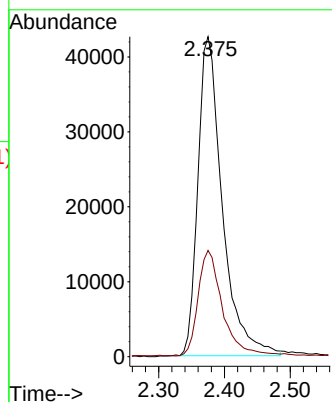
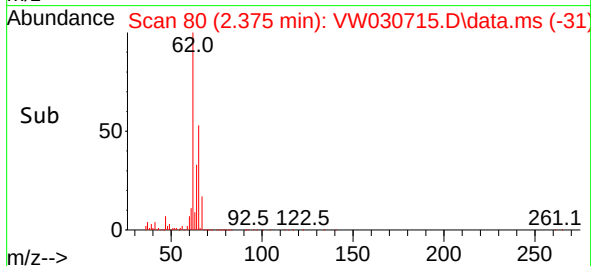


#5
 Vinyl chloride
 Concen: 24.797 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030715.D
 Acq: 22 Oct 2024 19:56

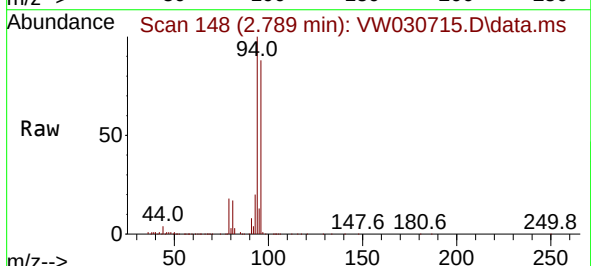
Instrument :
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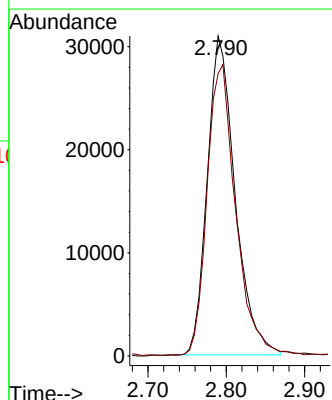
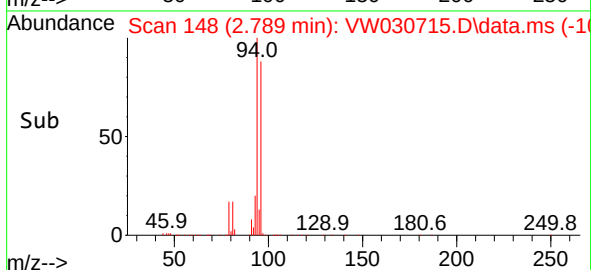
Tgt Ion: 62 Resp: 109869
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.6 42.0

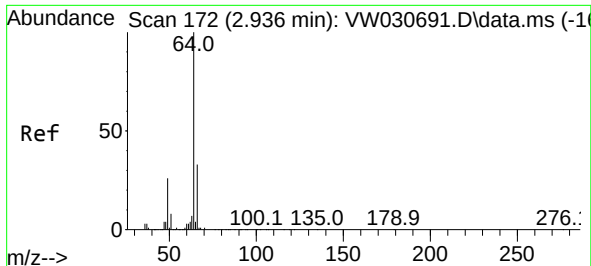


#6
 Bromomethane
 Concen: 26.199 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030715.D
 Acq: 22 Oct 2024 19:56



Tgt Ion: 94 Resp: 76405
 Ion Ratio Lower Upper
 94 100
 96 88.3 62.6 116.2

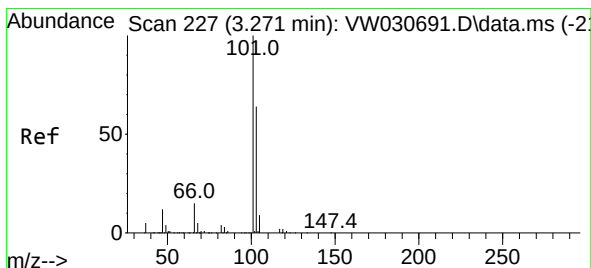
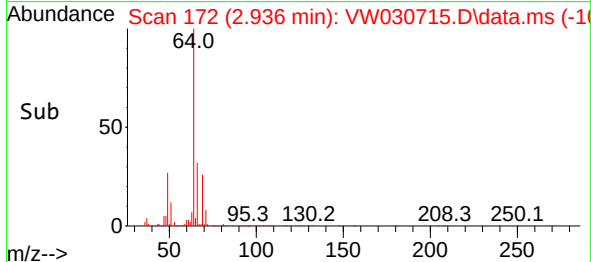
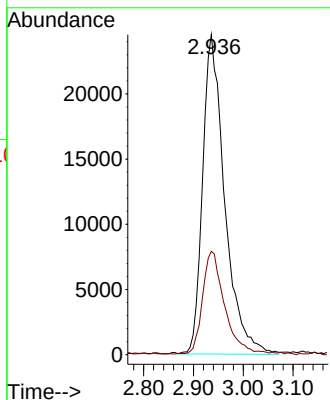
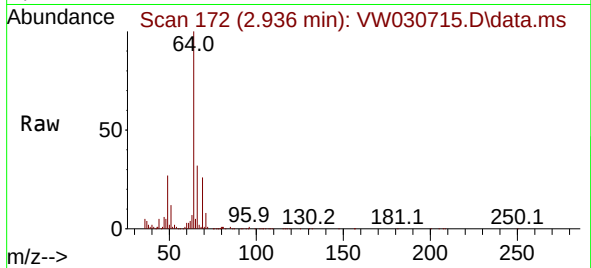




#8
Chloroethane
Concen: 27.818 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

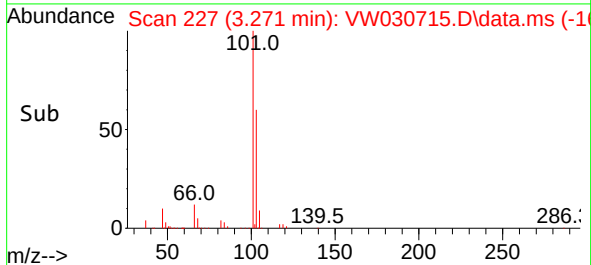
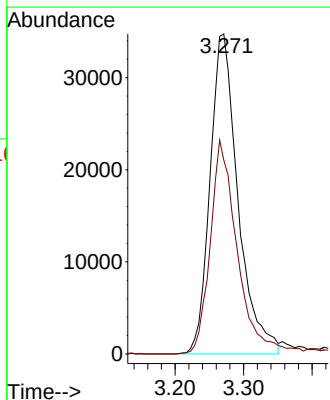
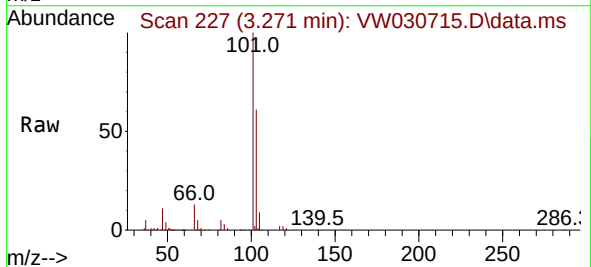
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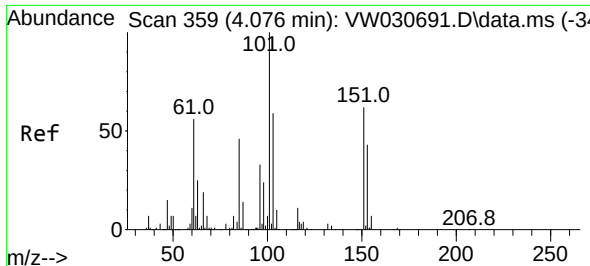
Tgt Ion: 64 Resp: 75348
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.846 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 101 Resp: 98505
Ion Ratio Lower Upper
101 100
103 64.4 51.1 76.7

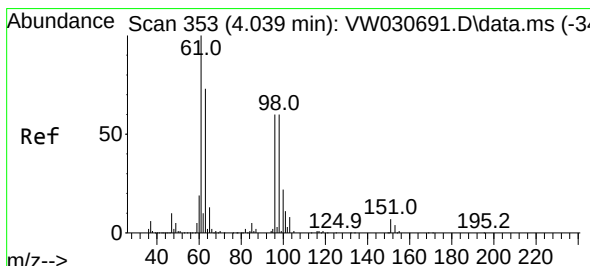
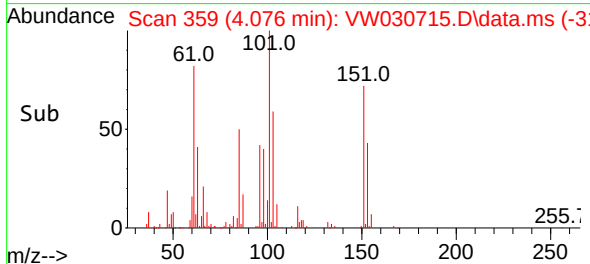
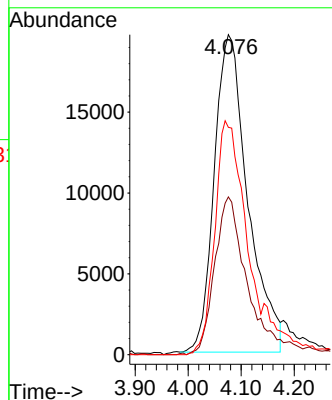
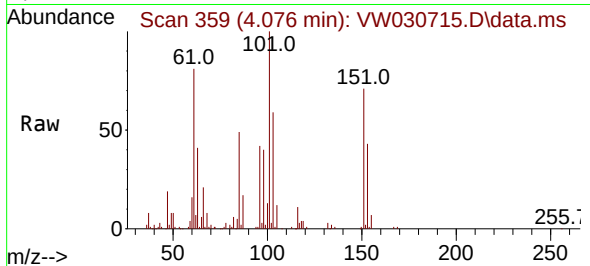




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.227 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW030715.D
 Acq: 22 Oct 2024 19:56

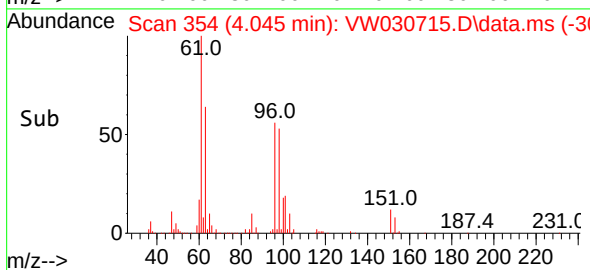
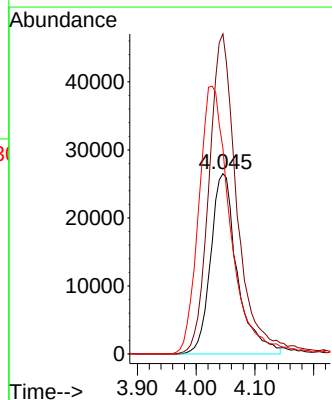
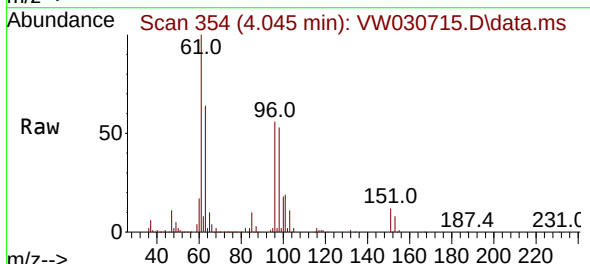
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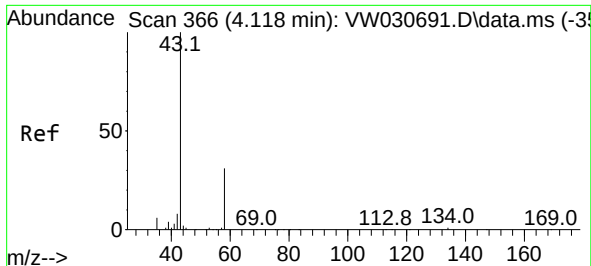
Tgt Ion: 101 Resp: 86415
 Ion Ratio Lower Upper
 101 100
 85 47.1 35.7 53.5
 151 65.5 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 25.547 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030715.D
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Tgt Ion: 96 Resp: 83164
 Ion Ratio Lower Upper
 96 100
 61 177.4 121.3 225.3
 63 114.1 87.6 162.8





#13

Acetone

Concen: 34.619 ug/L

RT: 4.119 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW030715.D

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Instrument :

MSVOA_W

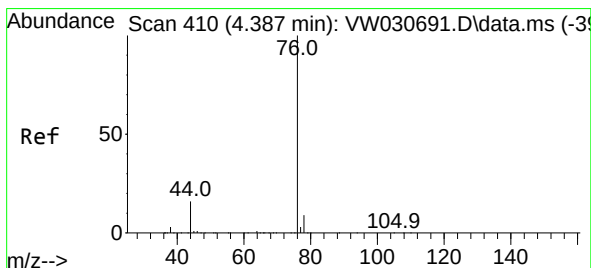
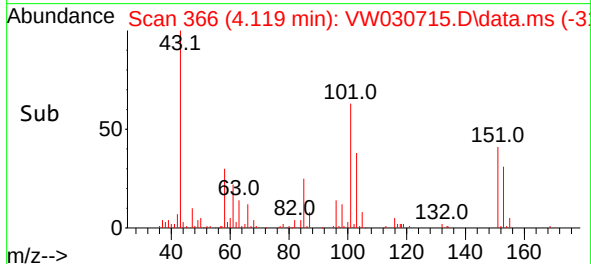
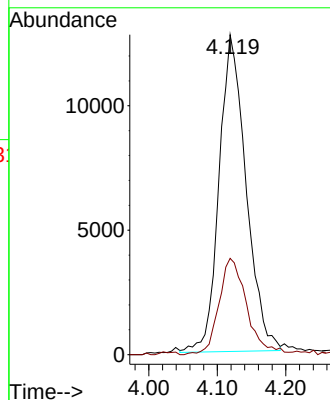
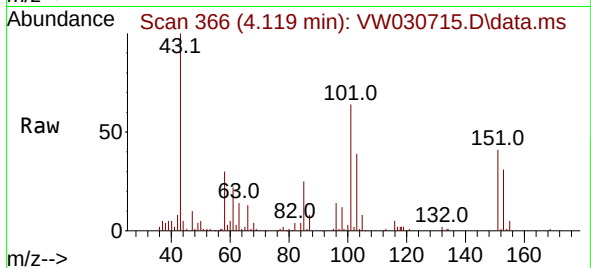
ClientSampleId :

Tgt Ion: 43 Resp: 34786

Ion Ratio Lower Upper

43 100

58 30.7 0.0 57.6



#14

Carbon disulfide

Concen: 22.386 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

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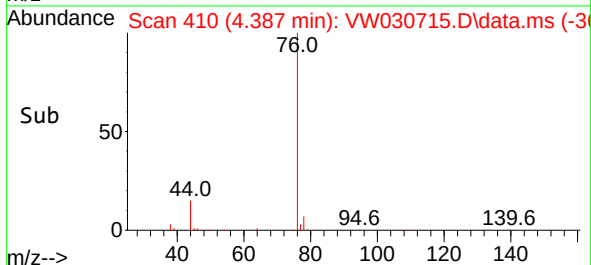
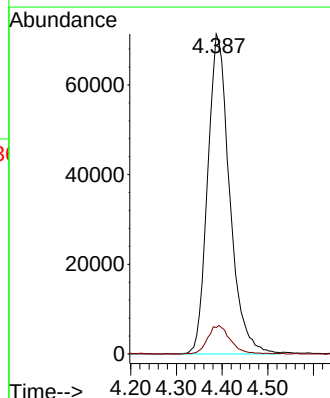
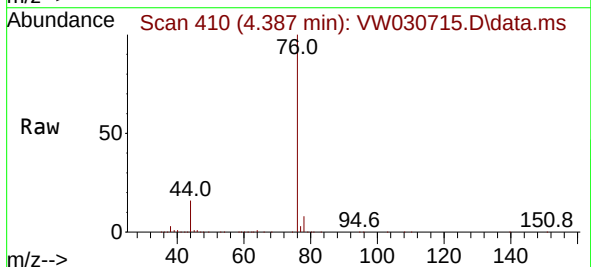
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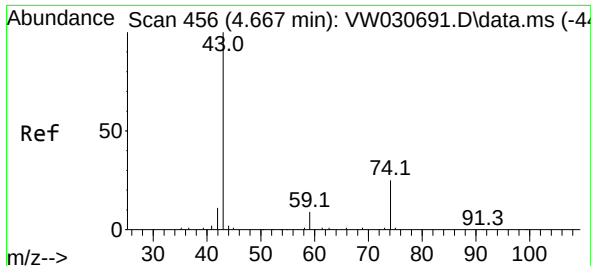
Tgt Ion: 76 Resp: 237972

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7

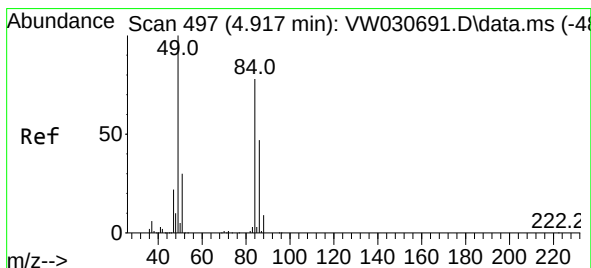
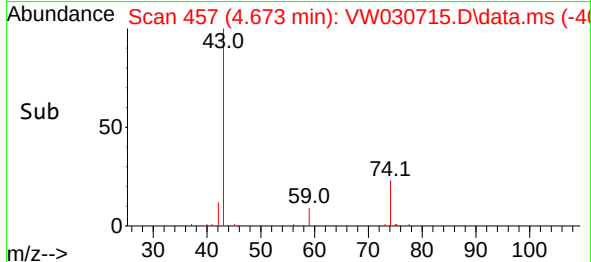
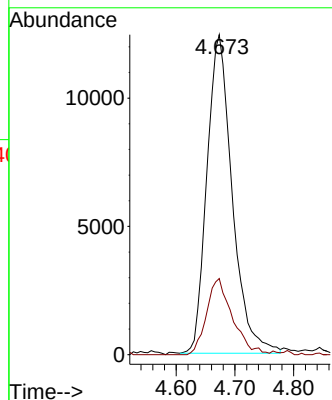
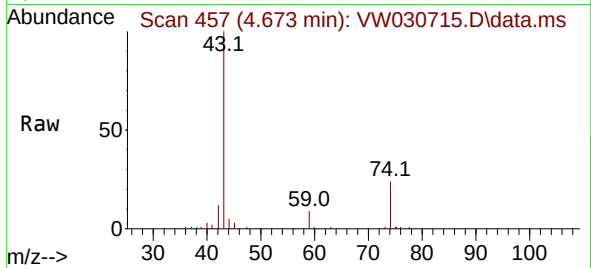




#15
Methyl Acetate
Concen: 29.936 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

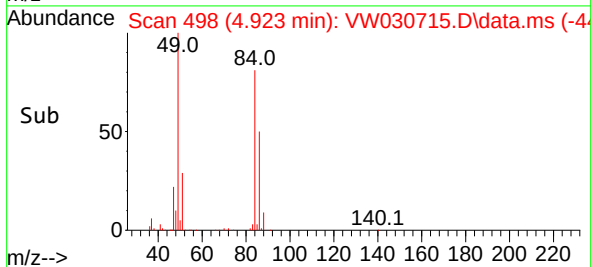
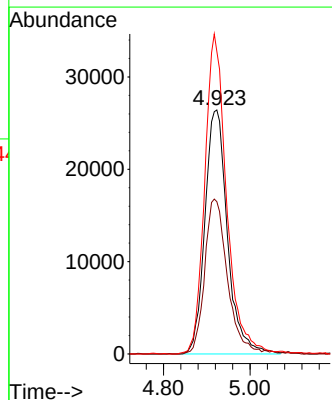
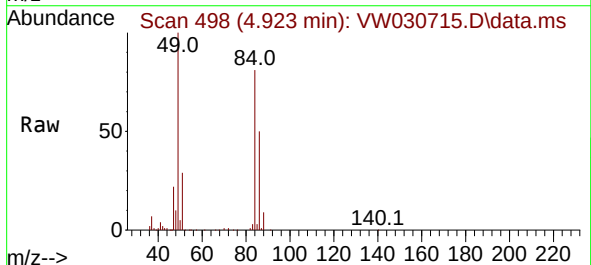
Instrument :
MSVOA_W
ClientSampleId :

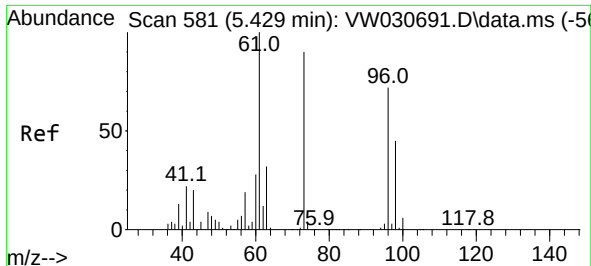
Tgt Ion: 43 Resp: 37158
Ion Ratio Lower Upper
43 100
74 23.7 19.3 28.9



#16
Methylene chloride
Concen: 26.123 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 84 Resp: 95822
Ion Ratio Lower Upper
84 100
86 62.4 43.8 81.3
49 123.9 88.3 164.1

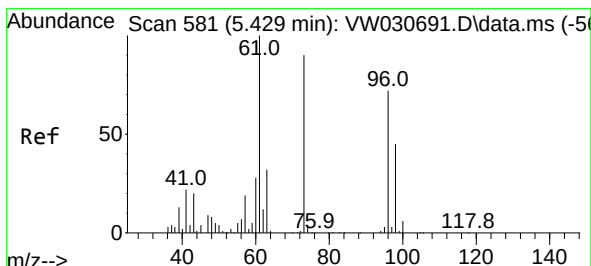
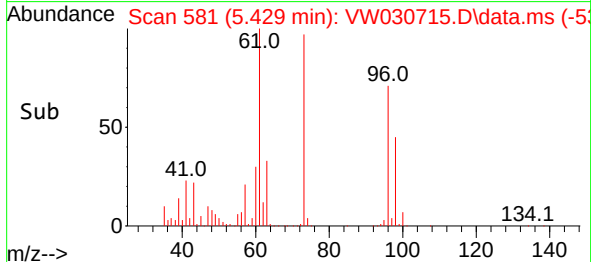
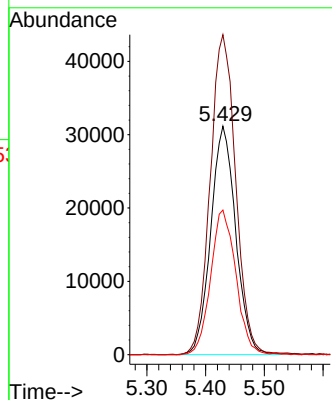
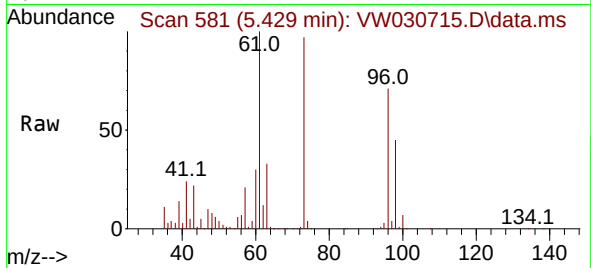




#17
trans-1,2-Dichloroethene
Concen: 26.241 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

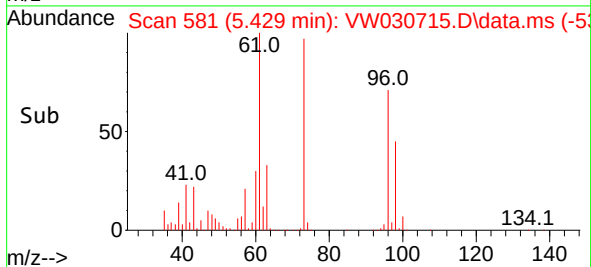
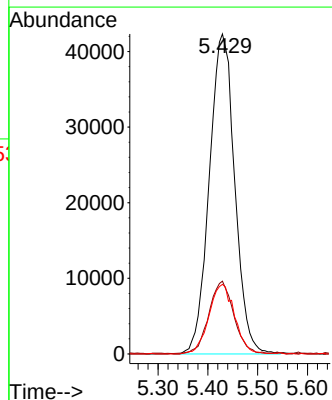
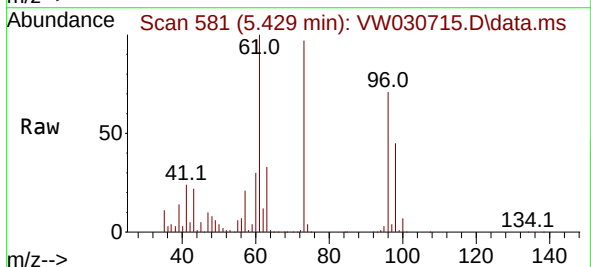
Instrument :
MSVOA_W
ClientSampleId :

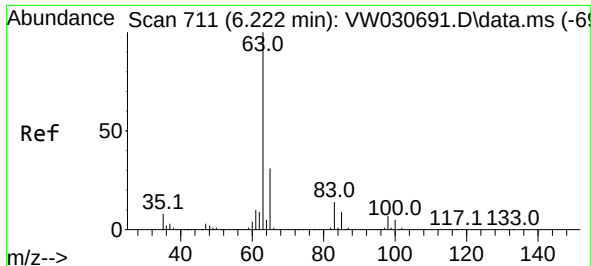
Tgt Ion: 96 Resp: 92177
Ion Ratio Lower Upper
96 100
61 140.0 96.9 179.9
98 63.3 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 30.499 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 73 Resp: 149936
Ion Ratio Lower Upper
73 100
43 22.0 18.1 27.1
57 21.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 28.539 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

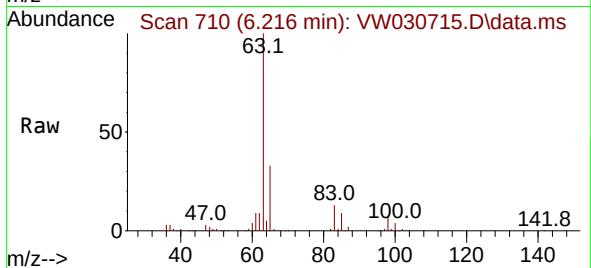
Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

ClientSampleId :



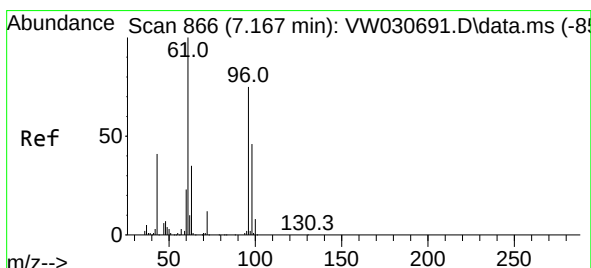
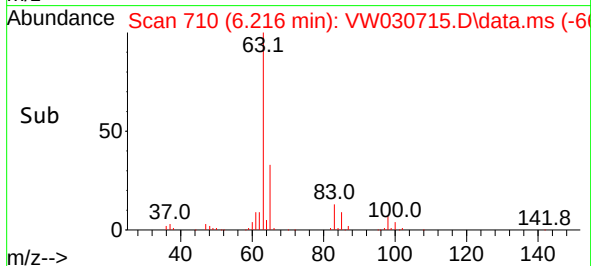
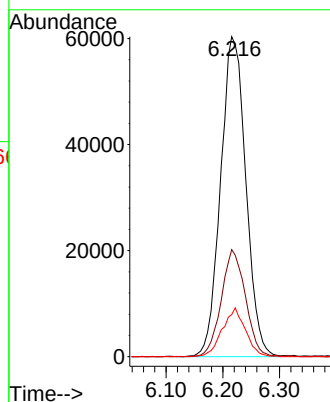
Tgt Ion: 63 Resp: 186321

Ion Ratio Lower Upper

63 100

65 33.4 22.5 41.9

83 13.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 28.762 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

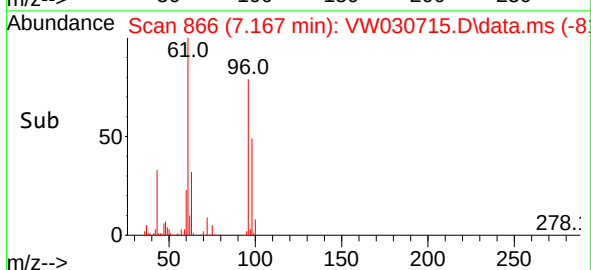
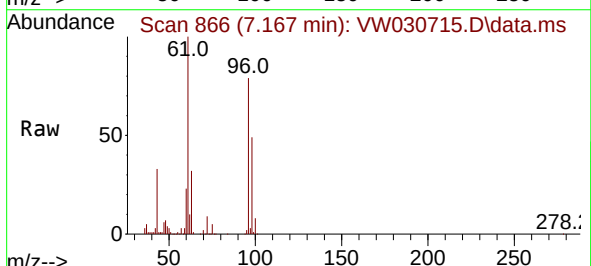
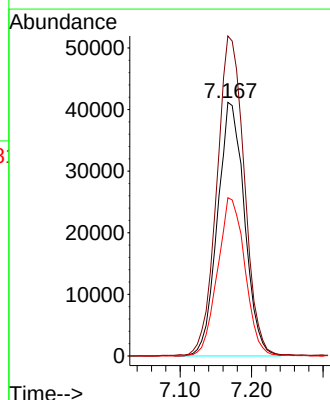
Tgt Ion: 96 Resp: 107763

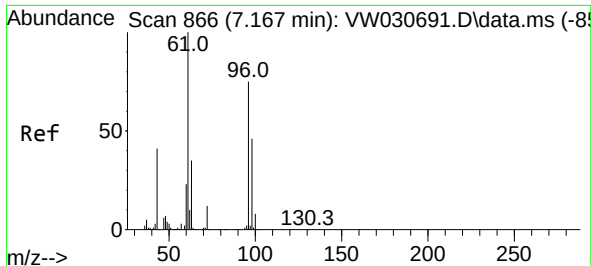
Ion Ratio Lower Upper

96 100

61 126.2 88.3 163.9

98 62.4 41.3 76.7

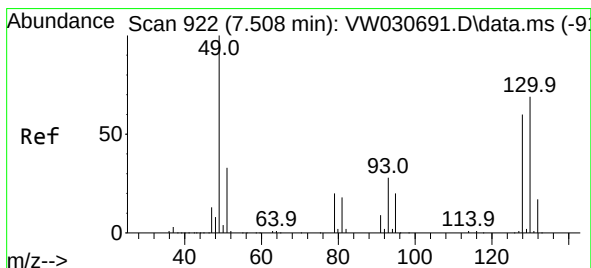
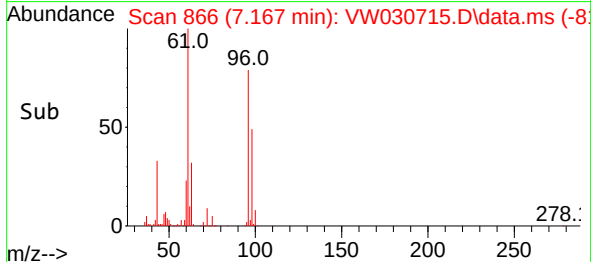
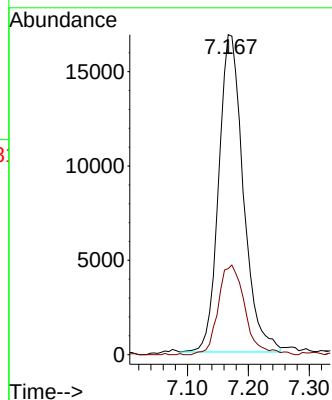
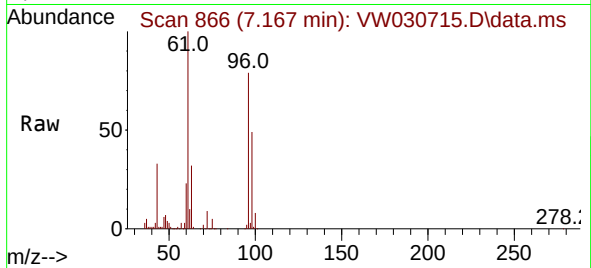




#22
2-Butanone
Concen: 43.638 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

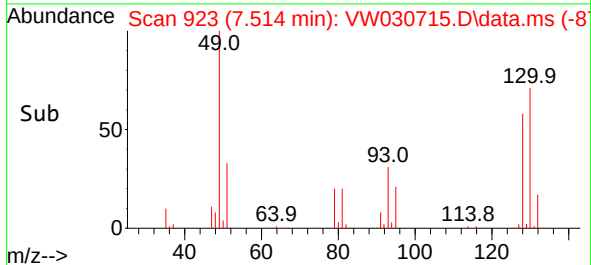
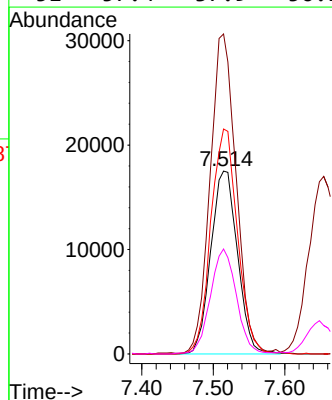
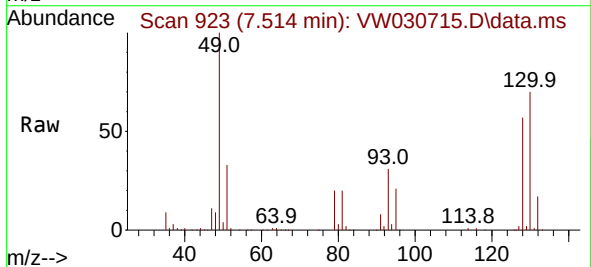
Instrument :
MSVOA_W
ClientSampleId :

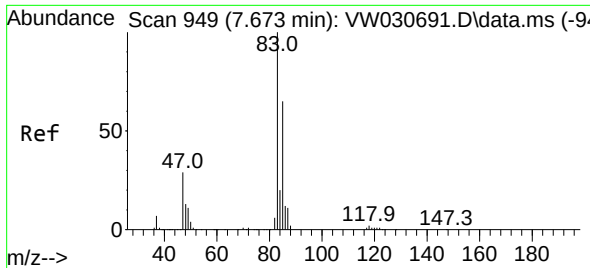
Tgt Ion: 43 Resp: 47266
Ion Ratio Lower Upper
43 100
72 29.9 14.4 43.0



#23
Bromochloromethane
Concen: 27.698 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 128 Resp: 45399
Ion Ratio Lower Upper
128 100
49 175.0 110.1 204.5
130 123.0 82.9 153.9
51 57.4 37.9 56.9#

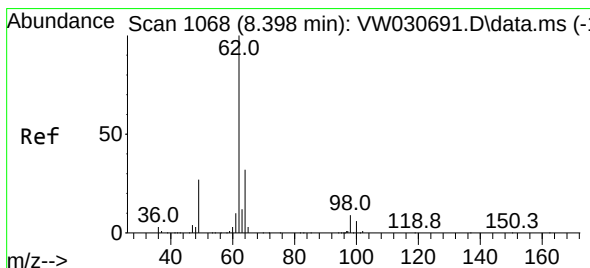
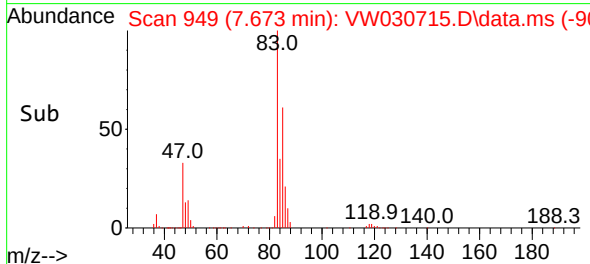
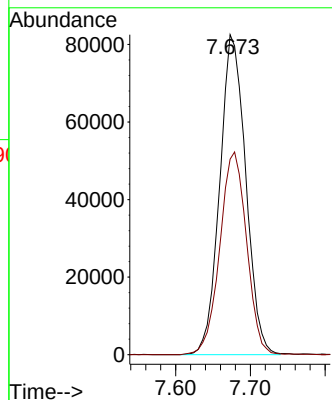
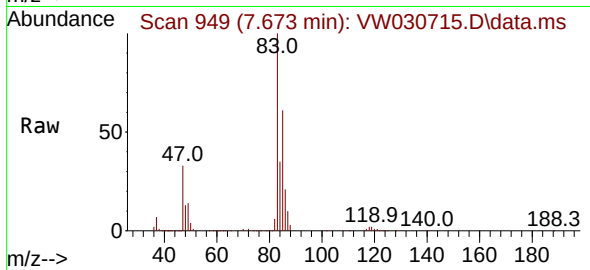




#25
Chloroform
Concen: 28.581 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

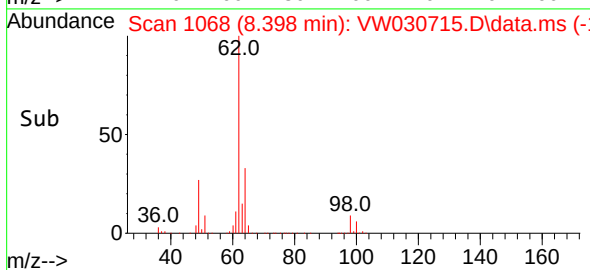
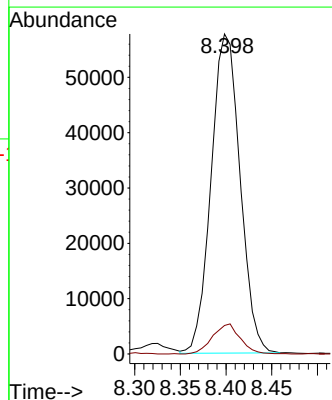
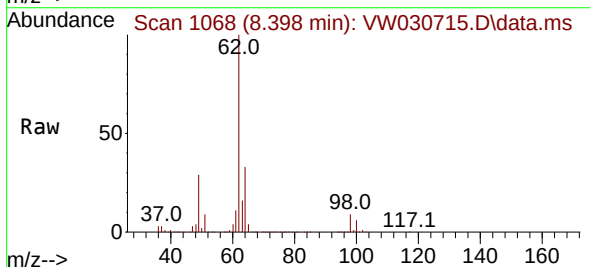
Instrument :
MSVOA_W
ClientSampleId :

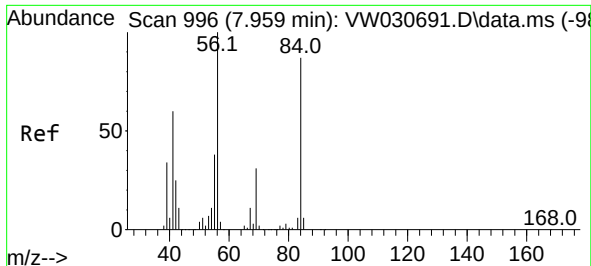
Tgt Ion: 83 Resp: 199403
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.626 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

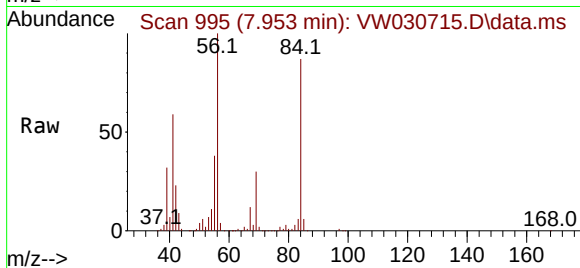
Tgt Ion: 62 Resp: 127154
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6



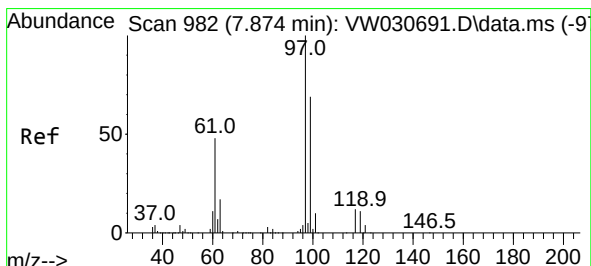
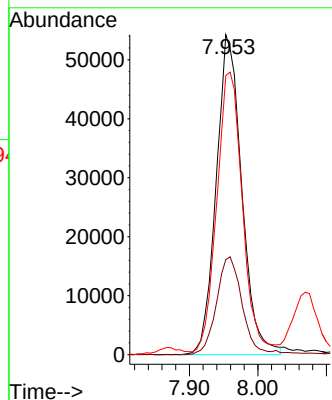
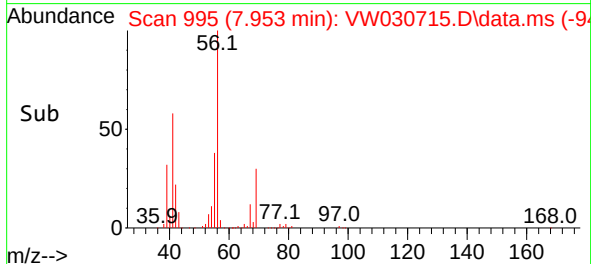


#29
Cyclohexane
Concen: 25.111 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Instrument :
MSVOA_W
ClientSampleId :

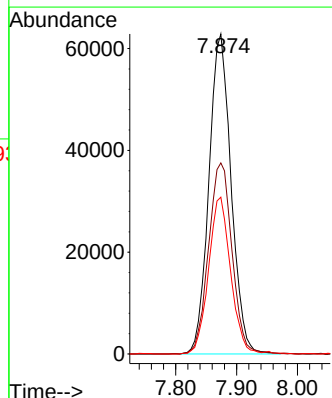
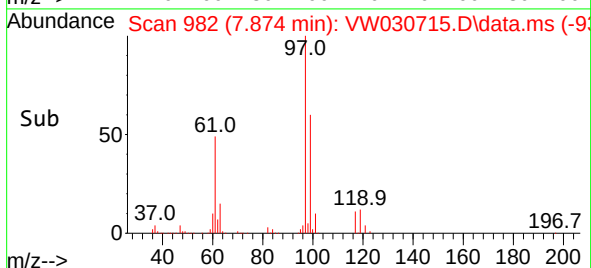
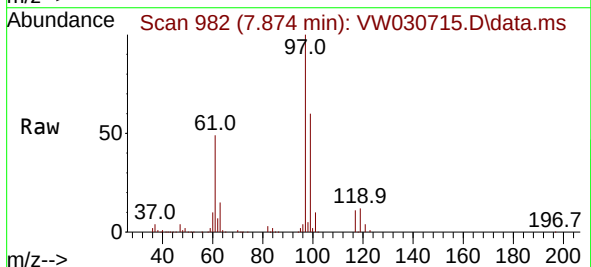


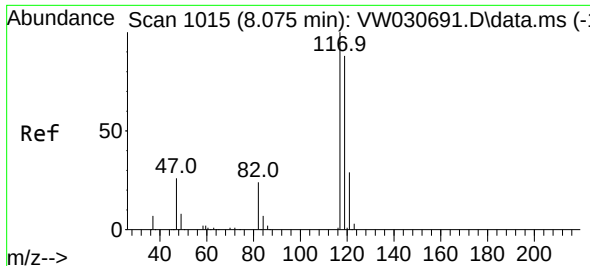
Tgt Ion: 56 Resp: 140167
Ion Ratio Lower Upper
56 100
69 30.3 25.4 38.0
84 88.9 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 26.165 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 97 Resp: 159275
Ion Ratio Lower Upper
97 100
99 63.2 52.3 78.5
61 48.6 38.5 57.7

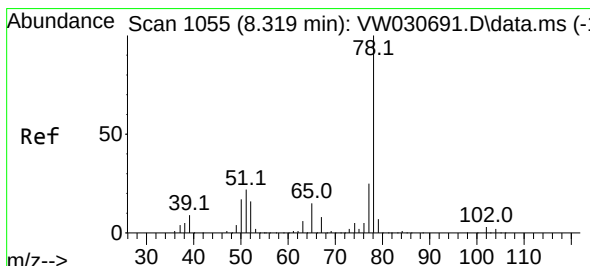
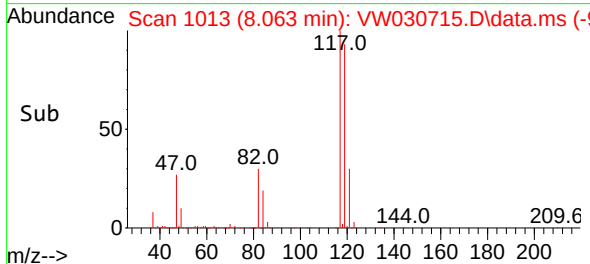
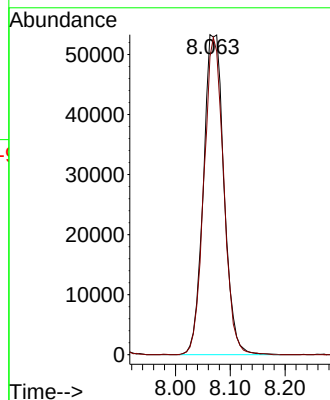
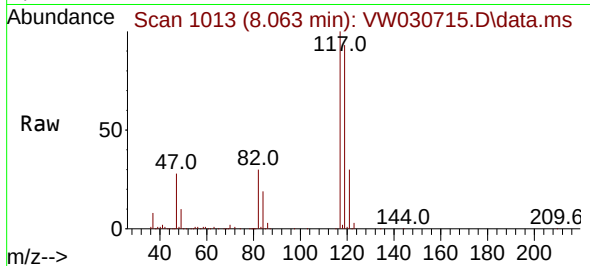




#31
Carbon tetrachloride
Concen: 25.549 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.012 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

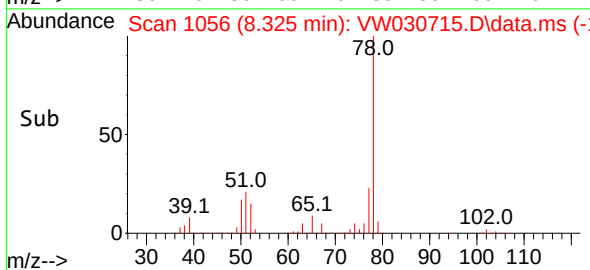
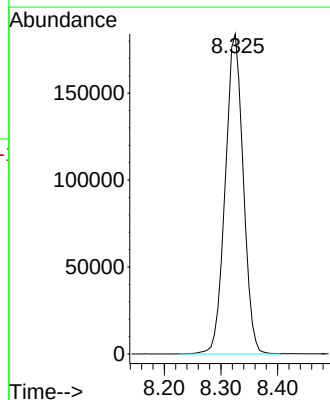
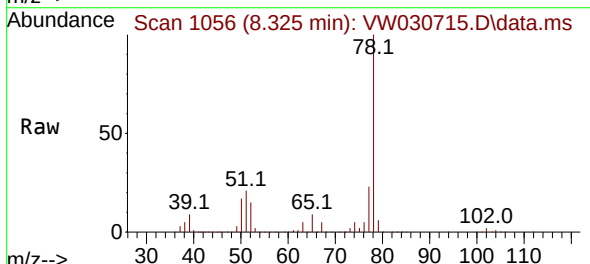
Instrument :
MSVOA_W
ClientSampleId :

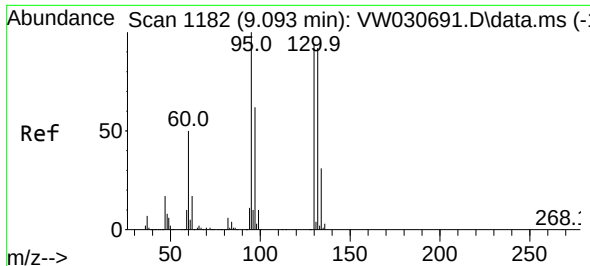
Tgt Ion:117 Resp: 138908
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.8



#33
Benzene
Concen: 27.138 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

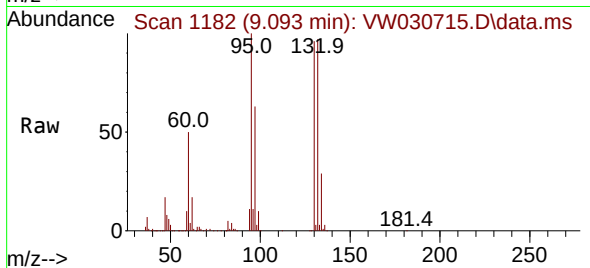
Tgt Ion: 78 Resp: 404966





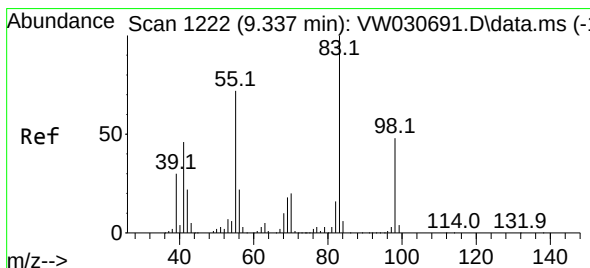
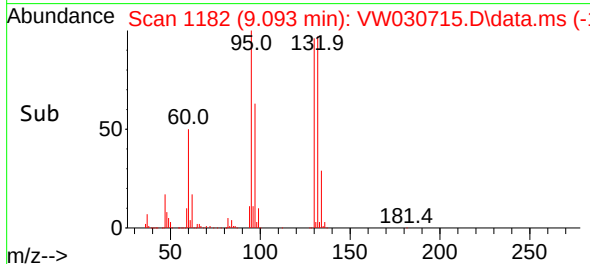
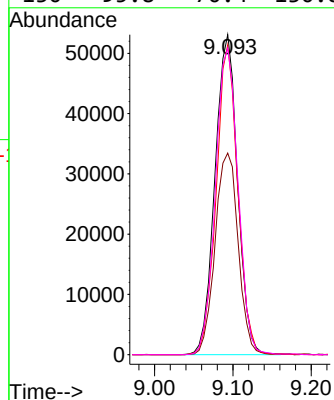
#34
Trichloroethene
Concen: 25.598 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 106274

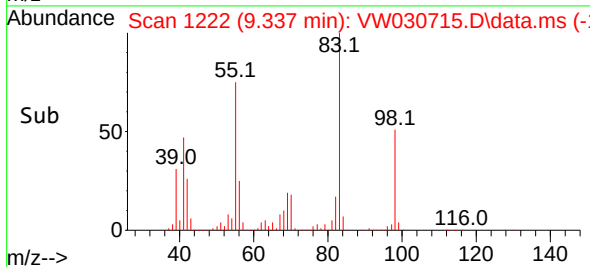
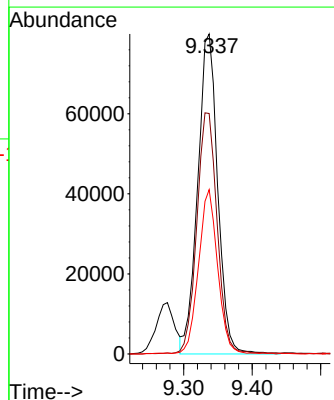
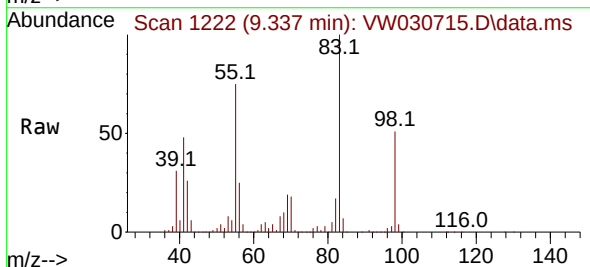
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.9	85.3
132	96.8	66.4	123.2
130	95.8	70.4	130.8

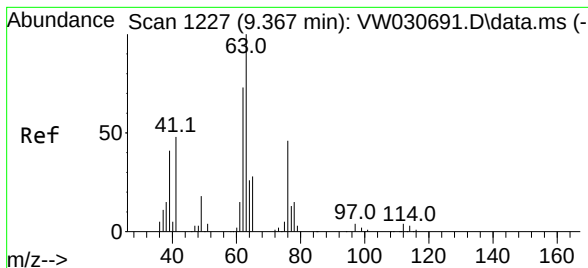


#35
Methylcyclohexane
Concen: 24.887 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 83 Resp: 162605

Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.8	92.8
98	49.0	39.3	58.9





#37

1,2-Dichloropropane

Concen: 28.484 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

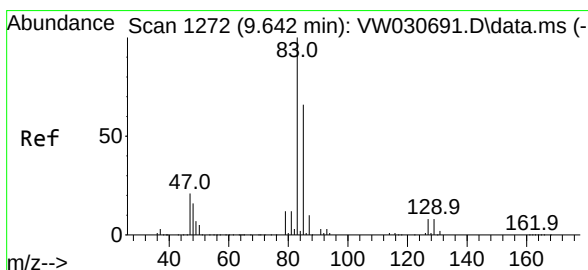
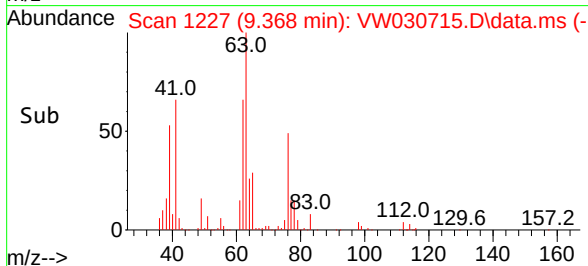
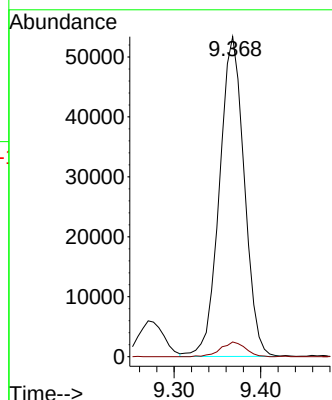
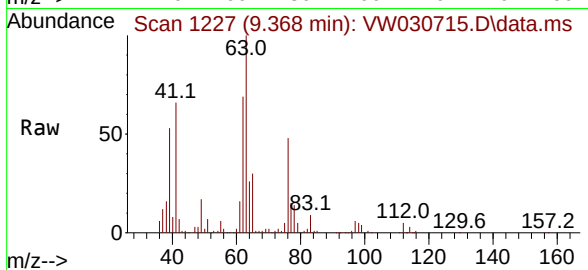
ClientSampleId :

Tgt Ion: 63 Resp: 106159

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 27.948 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

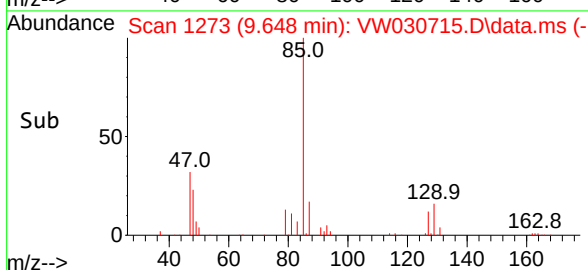
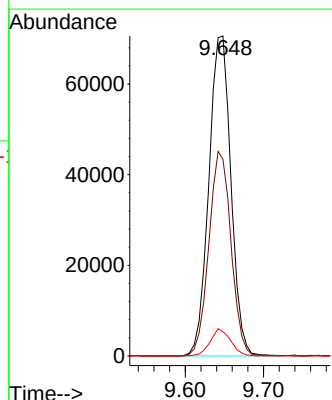
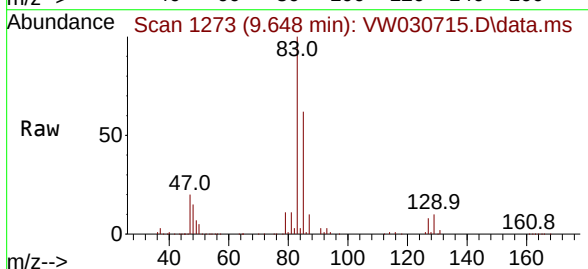
Tgt Ion: 83 Resp: 138584

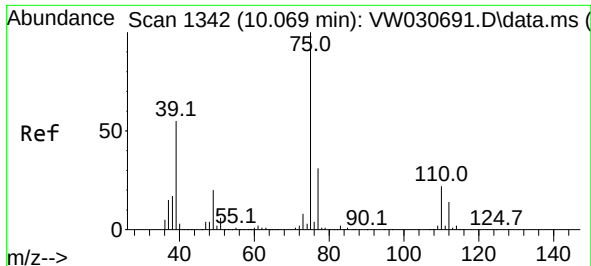
Ion Ratio Lower Upper

83 100

85 61.5 44.2 82.0

127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 27.318 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

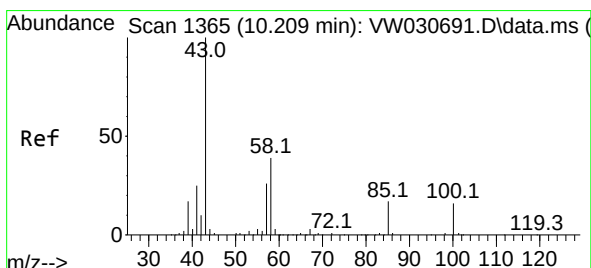
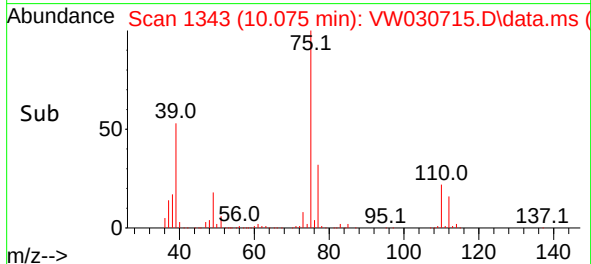
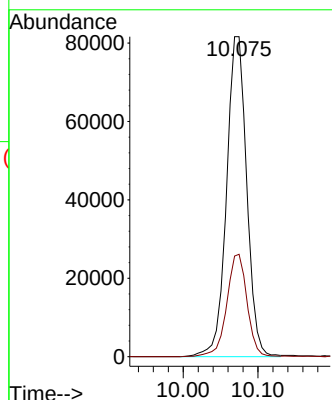
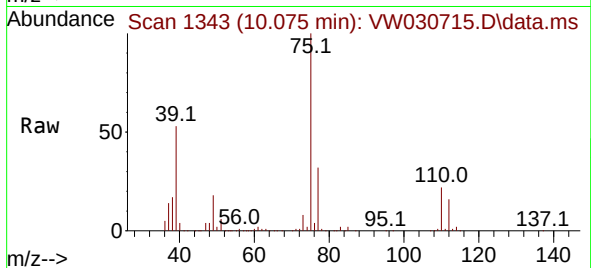
ClientSampleId :

Tgt Ion: 75 Resp: 153574

Ion Ratio Lower Upper

75 100

77 32.0 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 61.476 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

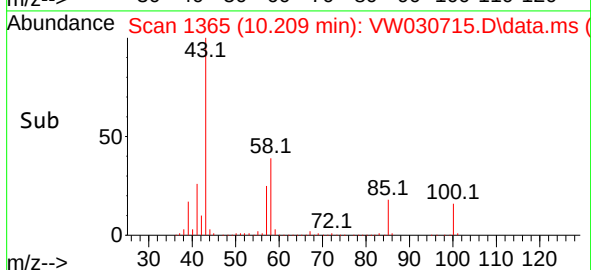
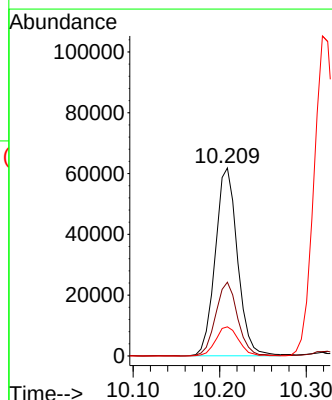
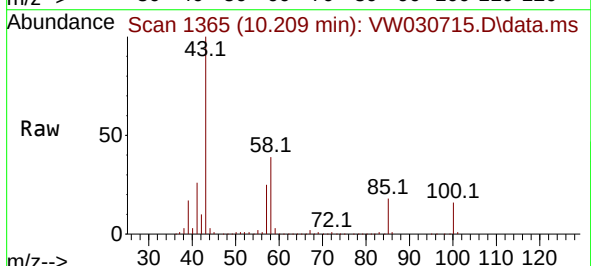
Tgt Ion: 43 Resp: 110072

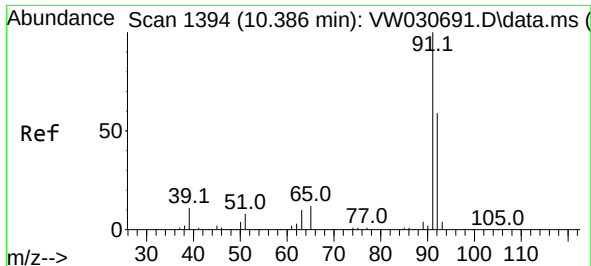
Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2

100 16.2 13.1 19.7

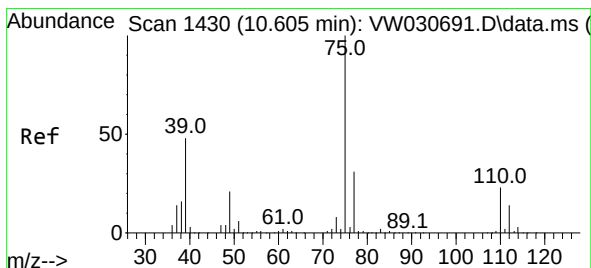
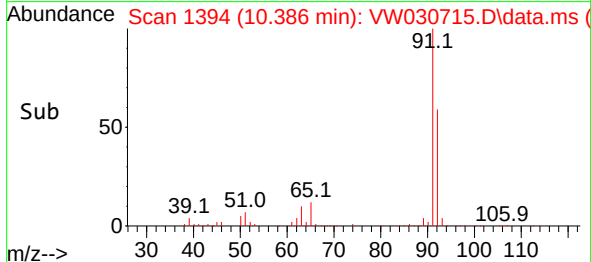
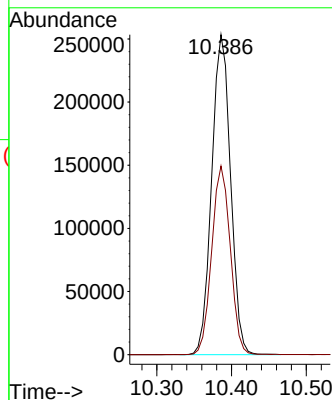
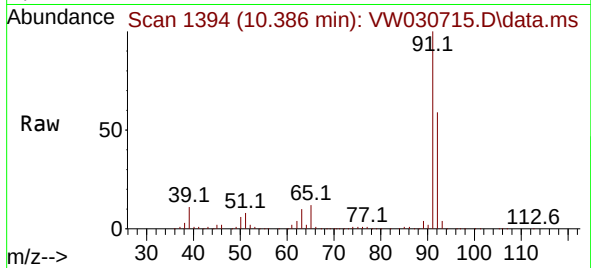




#42
Toluene
Concen: 27.976 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

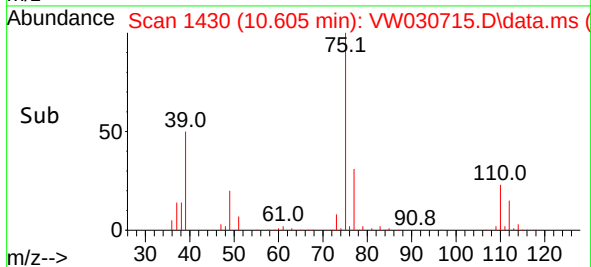
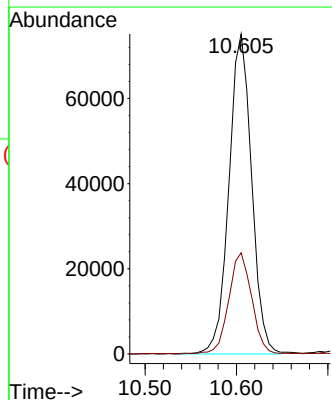
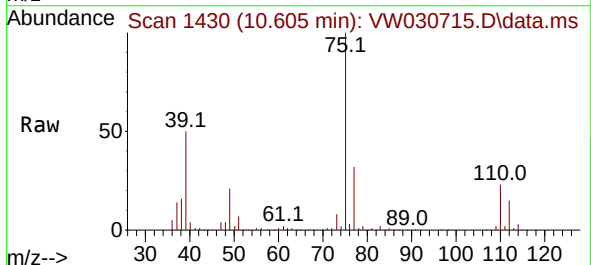
Instrument :
MSVOA_W
ClientSampleId :

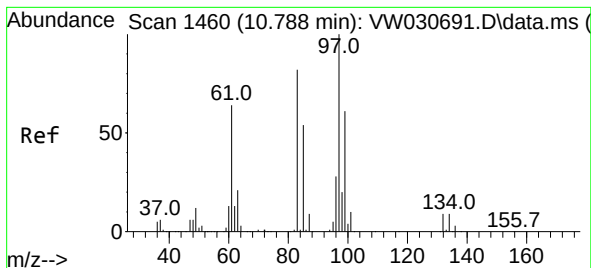
Tgt Ion: 91 Resp: 445380
Ion Ratio Lower Upper
91 100
92 58.9 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 27.358 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 75 Resp: 129239
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 29.076 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 78320

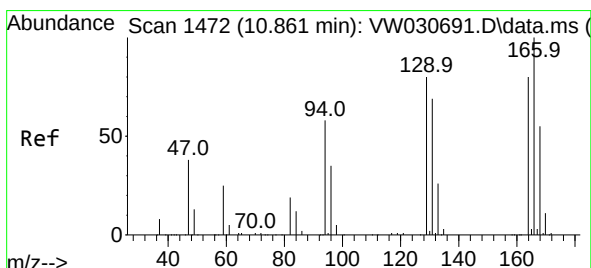
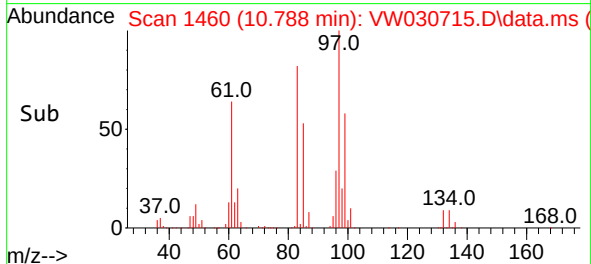
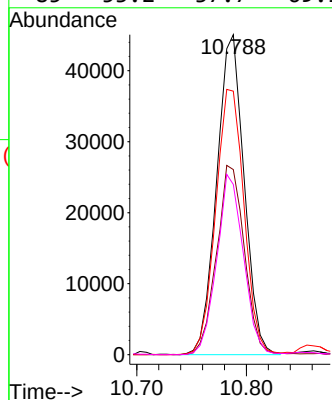
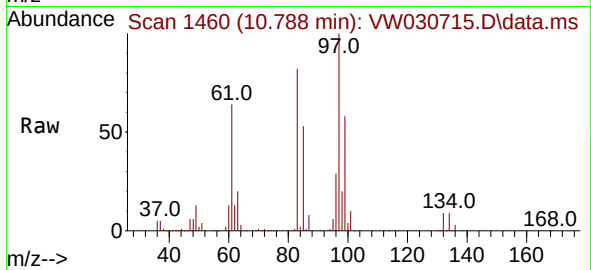
Ion Ratio Lower Upper

97 100

99 57.9 41.2 76.6

83 82.4 59.6 110.6

85 53.2 37.7 69.9



#46

Tetrachloroethene

Concen: 24.478 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Tgt Ion:164 Resp: 74952

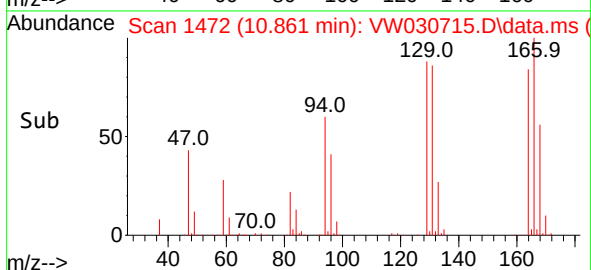
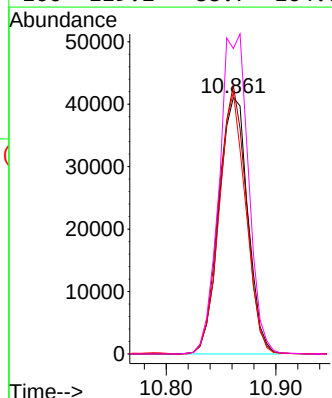
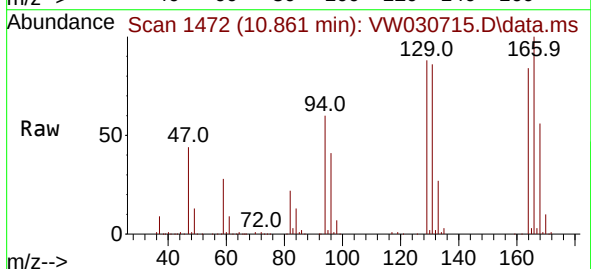
Ion Ratio Lower Upper

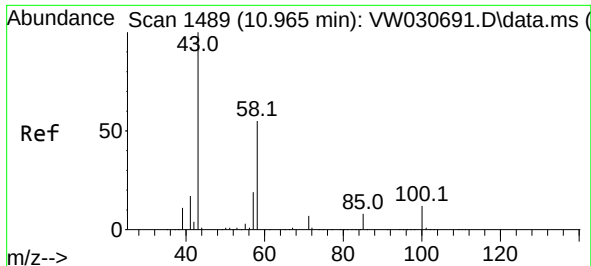
164 100

129 104.8 66.6 123.6

131 102.2 63.7 118.3

166 119.2 88.7 164.7

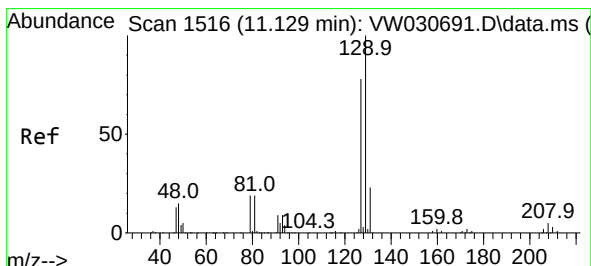
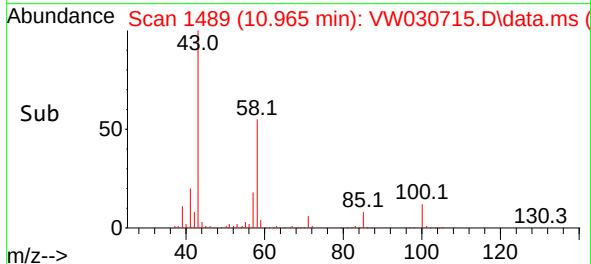
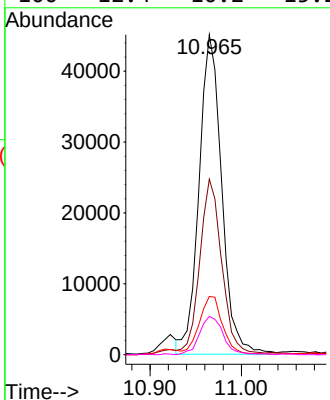
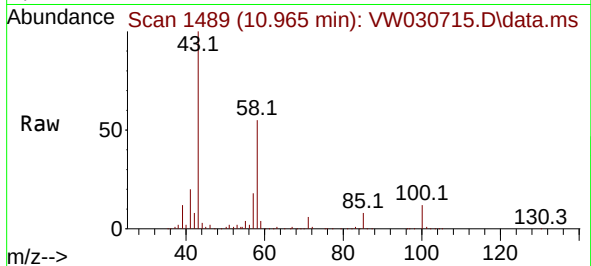




#48
2-Hexanone
Concen: 52.977 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

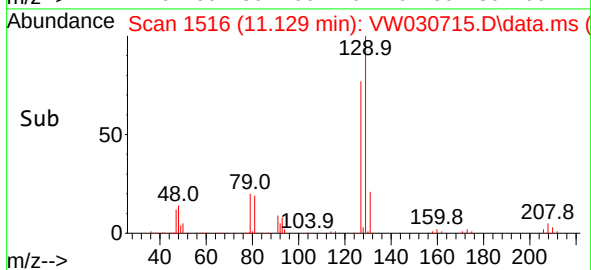
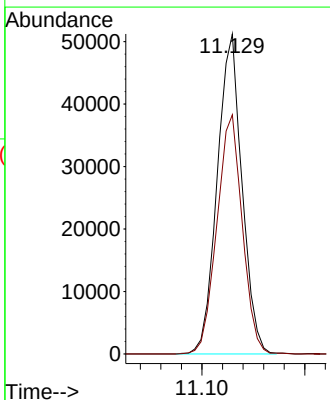
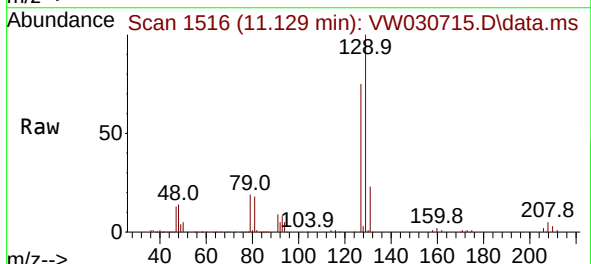
Instrument :
MSVOA_W
ClientSampleId :

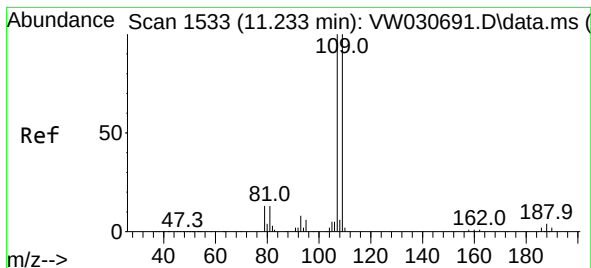
Tgt Ion: 43	Resp:	77570	
Ion	Ratio	Lower	Upper
43	100		
58	53.4	44.6	67.0
57	18.4	15.8	23.8
100	12.4	10.2	15.2



#49
Dibromochloromethane
Concen: 28.442 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion:129	Resp:	85482	
Ion	Ratio	Lower	Upper
129	100		
127	74.8	56.5	104.9

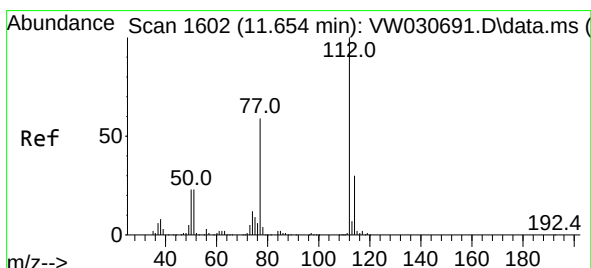
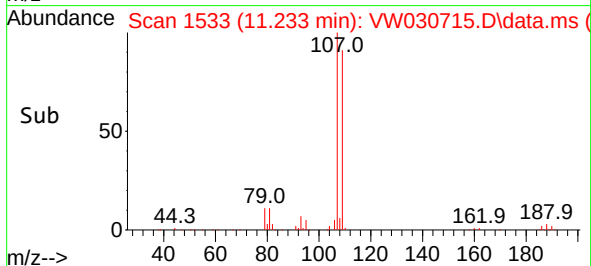
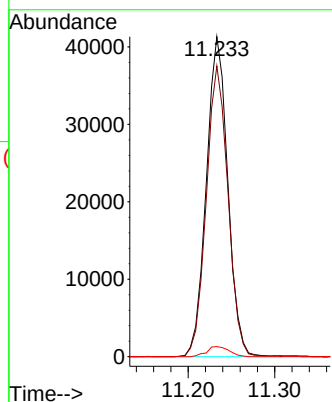
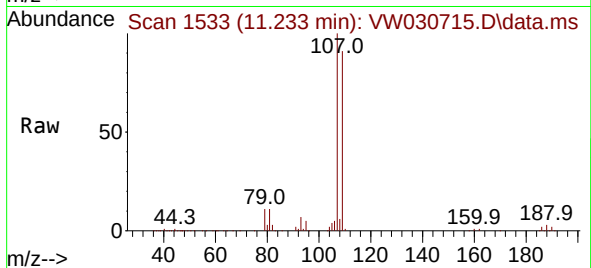




#50
1,2-Dibromoethane
Concen: 28.278 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

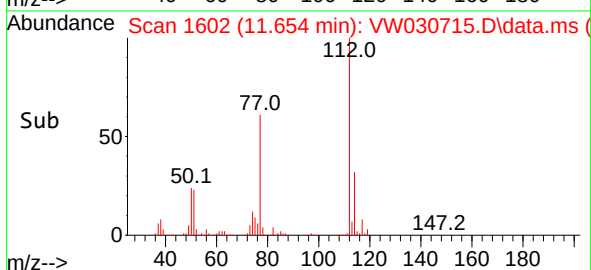
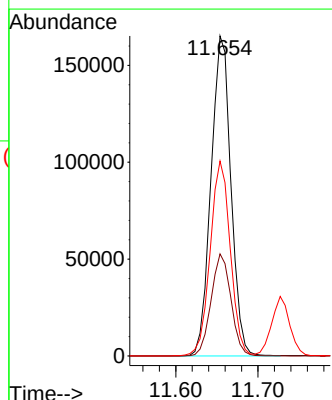
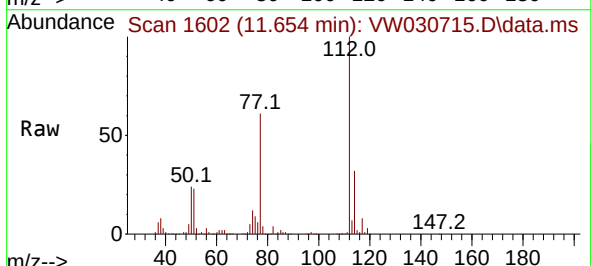
Instrument :
MSVOA_W
ClientSampleId :

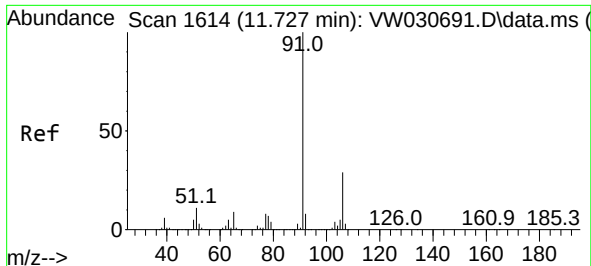
Tgt Ion:107 Resp: 71074
Ion Ratio Lower Upper
107 100
109 90.8 63.8 118.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 27.128 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion:112 Resp: 278019
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 60.9 47.1 70.7

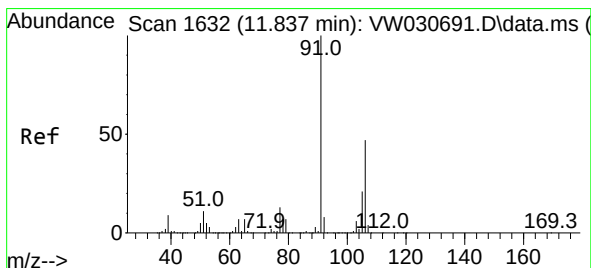
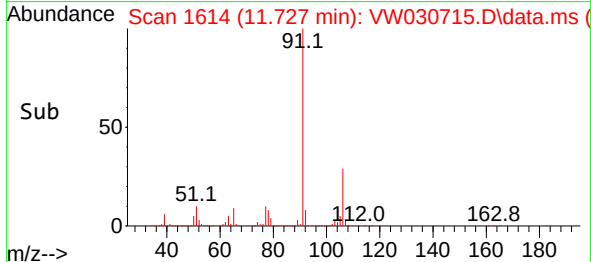
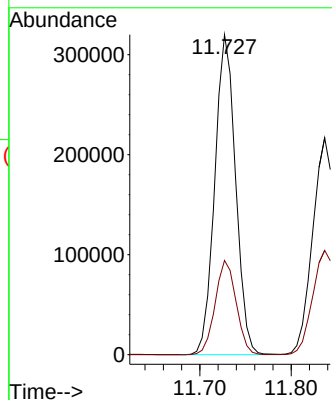
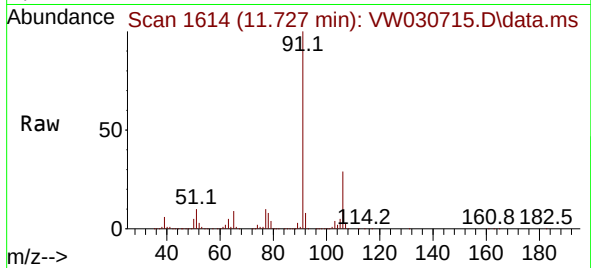




#52
Ethylbenzene
Concen: 27.859 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

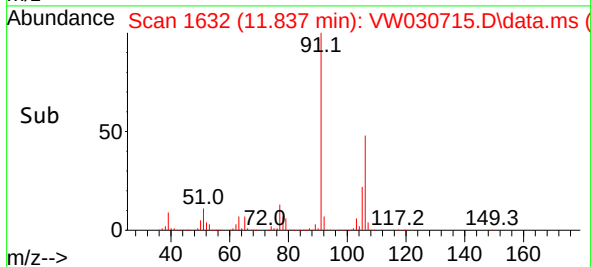
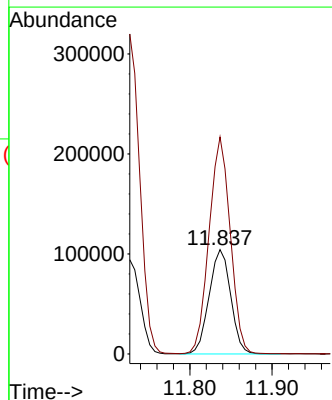
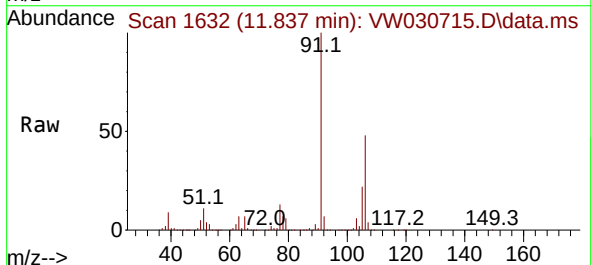
Instrument :
MSVOA_W
ClientSampleId :

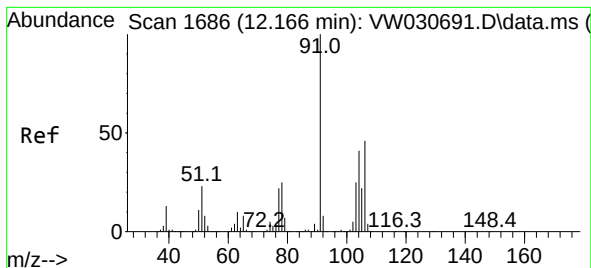
Tgt Ion: 91 Resp: 506082
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.1



#53
m,p-Xylene
Concen: 27.945 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030715.D
Acq: 22 Oct 2024 19:56

Tgt Ion: 106 Resp: 190188
Ion Ratio Lower Upper
106 100
91 208.1 140.6 261.2





#54

o-Xylene

Concen: 28.322 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

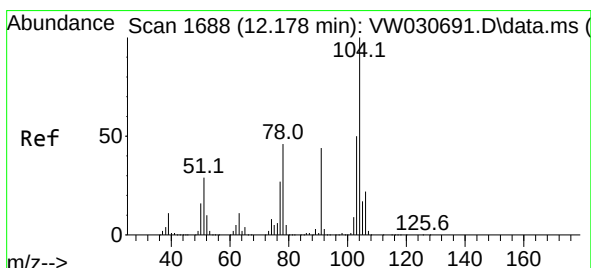
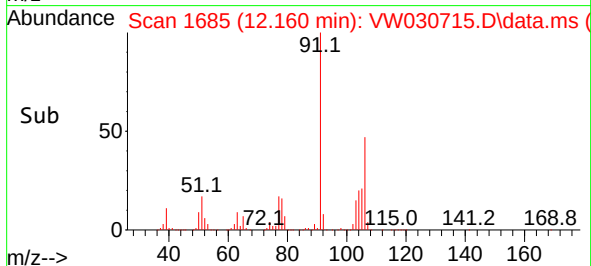
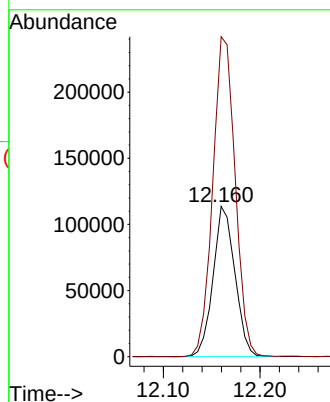
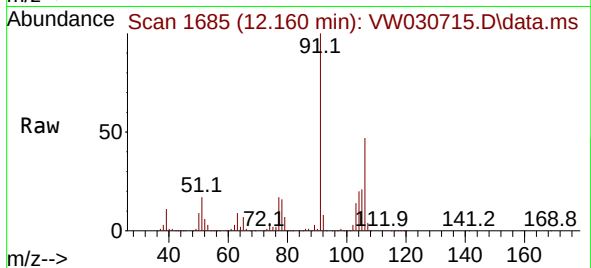
ClientSampleId :

Tgt Ion:106 Resp: 178199

Ion Ratio Lower Upper

106 100

91 213.0 144.5 268.4



#55

Styrene

Concen: 29.345 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030715.D

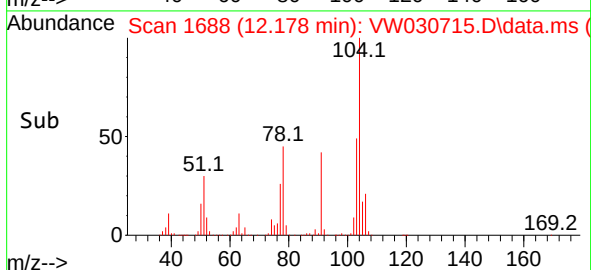
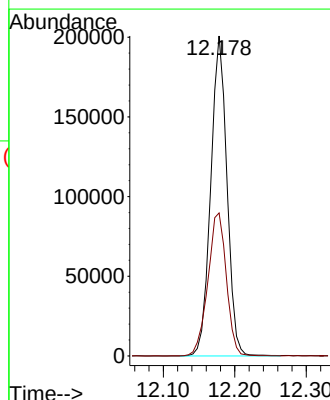
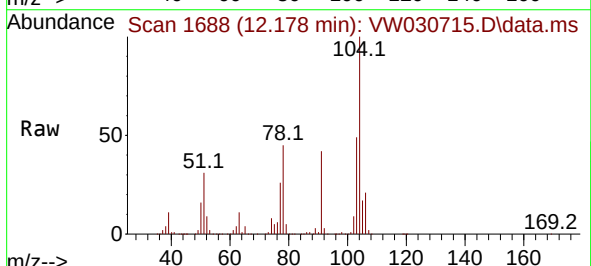
Acq: 22 Oct 2024 19:56

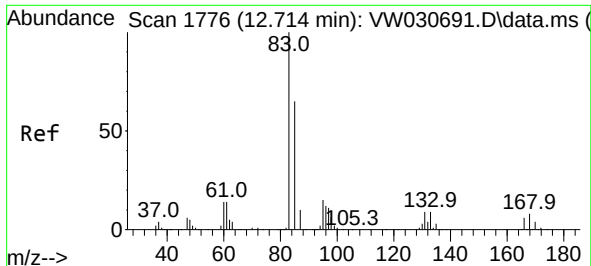
Tgt Ion:104 Resp: 315649

Ion Ratio Lower Upper

104 100

78 44.7 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 29.722 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

ClientSampleId :

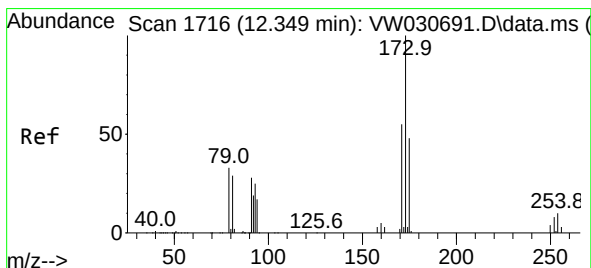
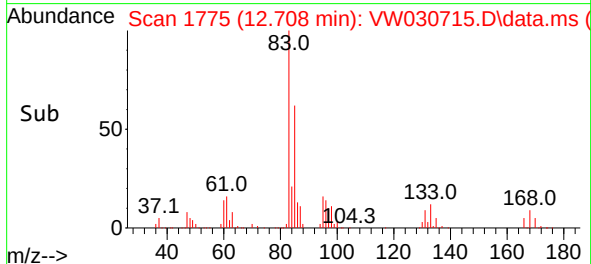
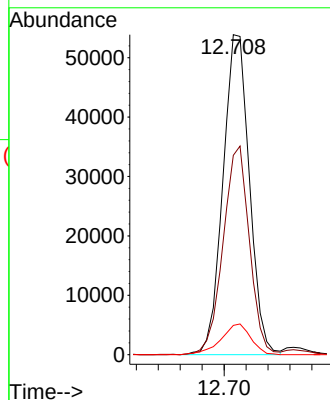
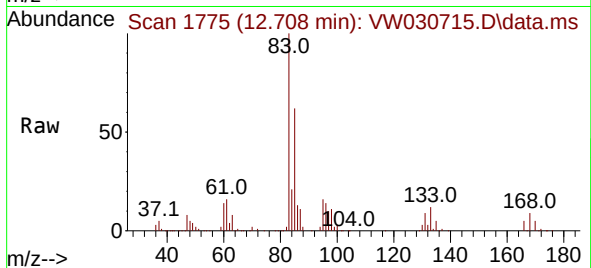
Tgt Ion: 83 Resp: 90281

Ion Ratio Lower Upper

83 100

85 62.3 42.6 79.2

131 9.2 7.4 11.0



#59

Bromoform

Concen: 25.910 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

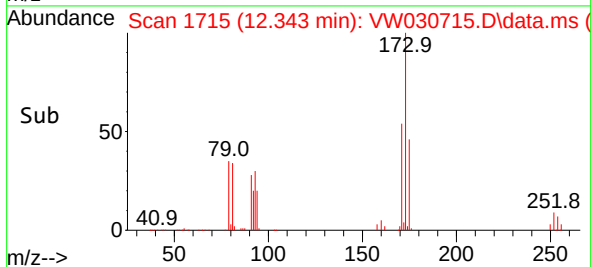
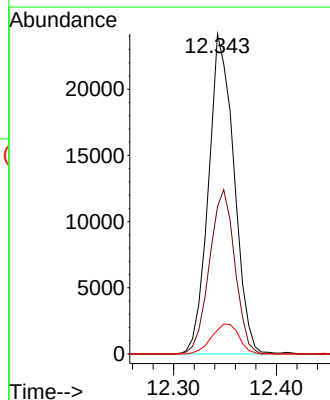
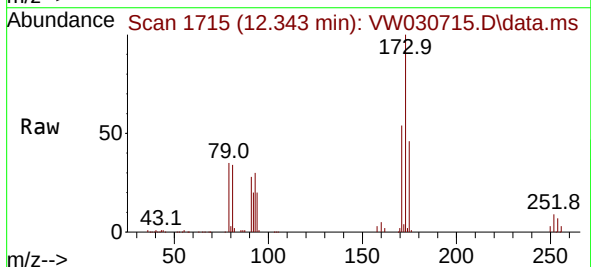
Tgt Ion:173 Resp: 41720

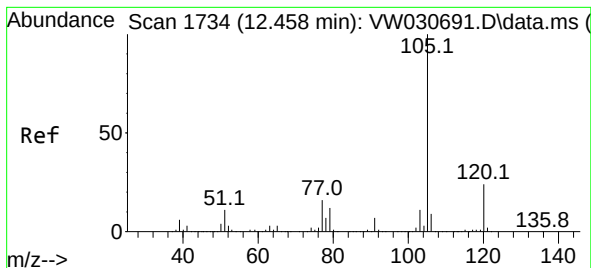
Ion Ratio Lower Upper

173 100

175 51.0 39.0 58.4

254 10.0 7.7 11.5





#60

Isopropylbenzene

Concen: 28.324 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

ClientSampleId :

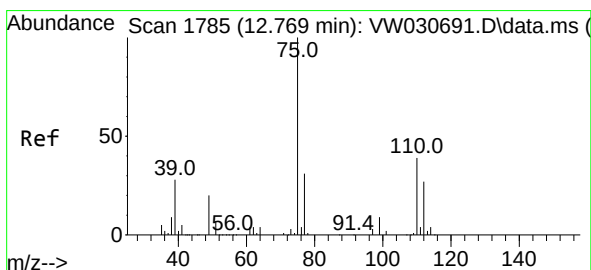
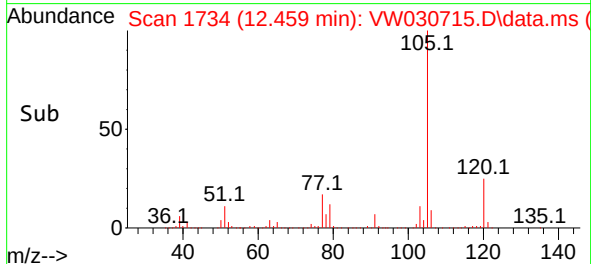
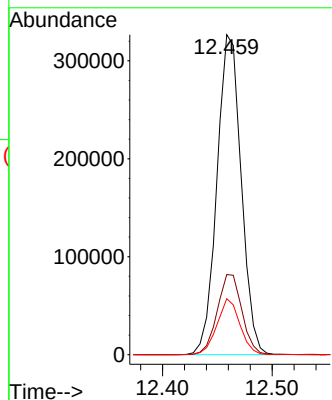
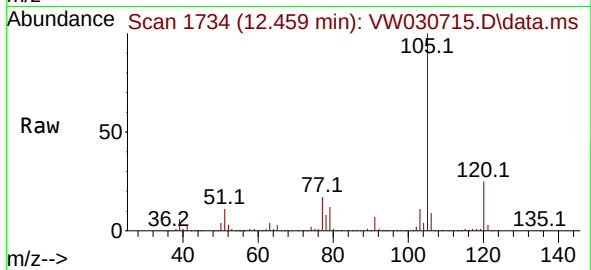
Tgt Ion:105 Resp: 502693

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.6 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 28.134 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

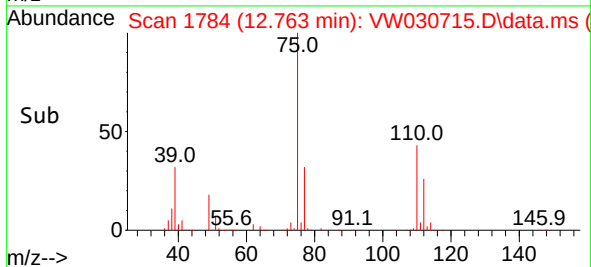
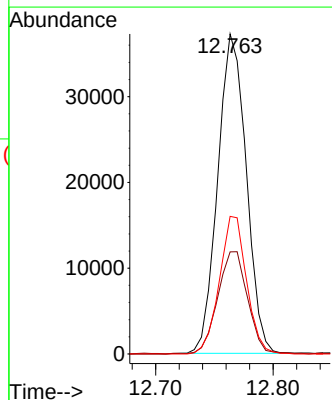
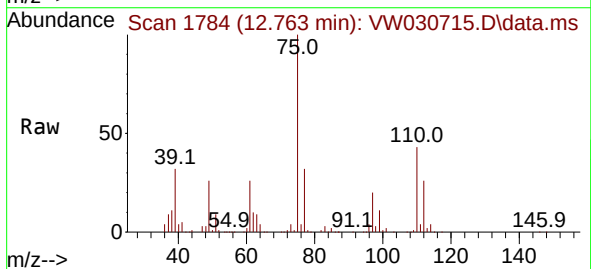
Tgt Ion: 75 Resp: 62742

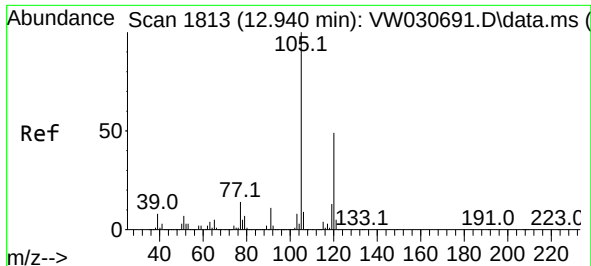
Ion Ratio Lower Upper

75 100

77 33.6 25.7 38.5

110 41.1 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 28.530 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

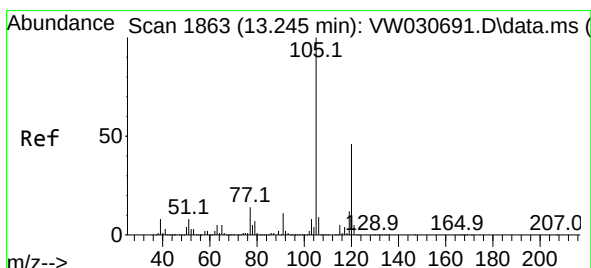
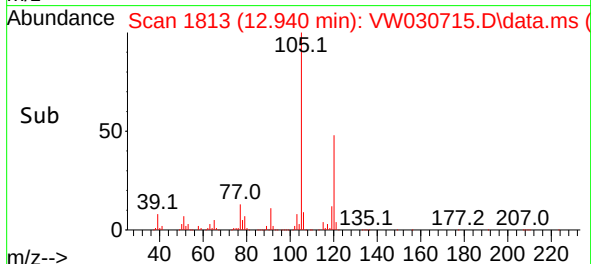
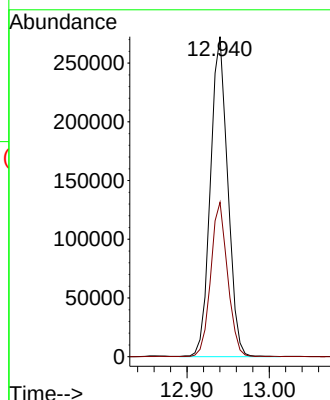
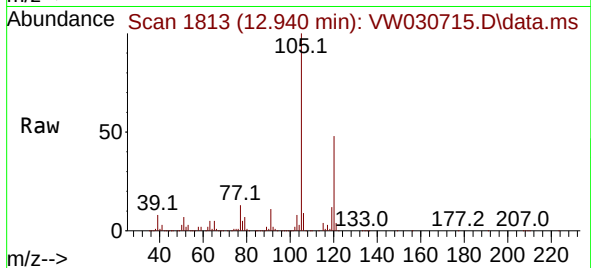
ClientSampleId :

Tgt Ion:105 Resp: 399481

Ion Ratio Lower Upper

105 100

120 46.9 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 28.943 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030715.D

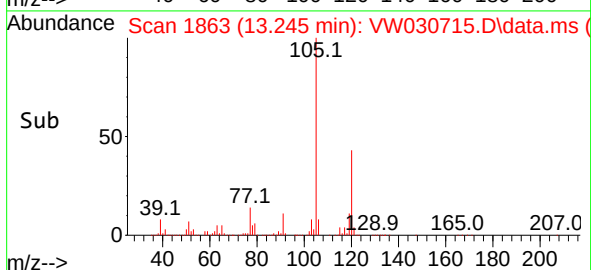
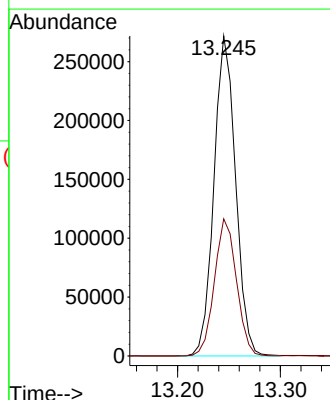
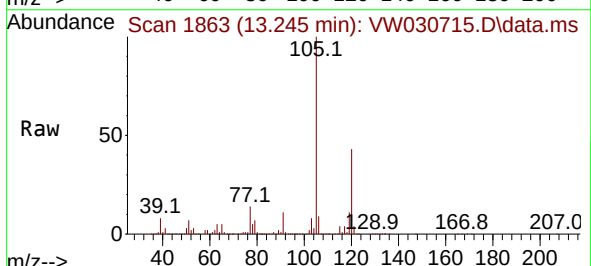
Acq: 22 Oct 2024 19:56

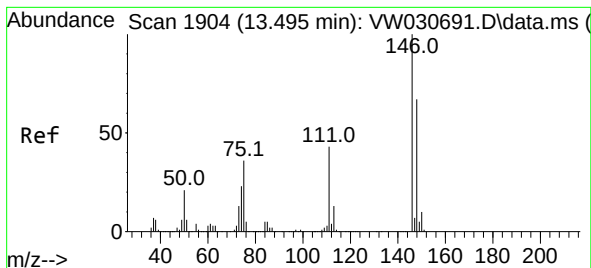
Tgt Ion:105 Resp: 396791

Ion Ratio Lower Upper

105 100

120 43.7 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 27.548 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

ClientSampleId :

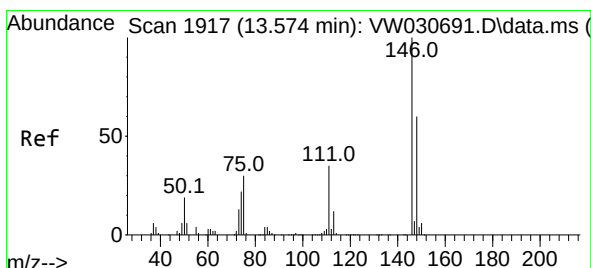
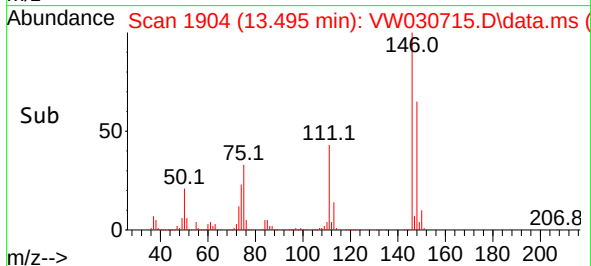
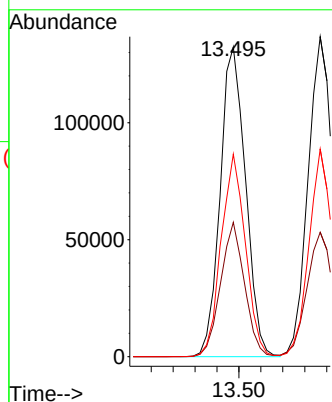
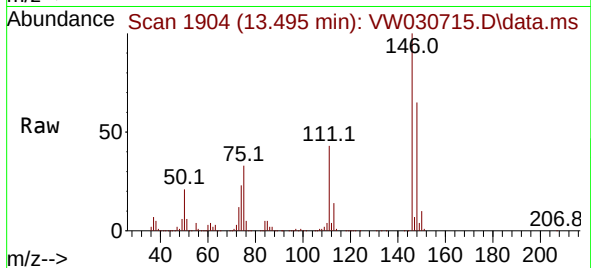
Tgt Ion:146 Resp: 212816

Ion Ratio Lower Upper

146 100

111 43.4 31.2 58.0

148 65.4 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 26.968 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

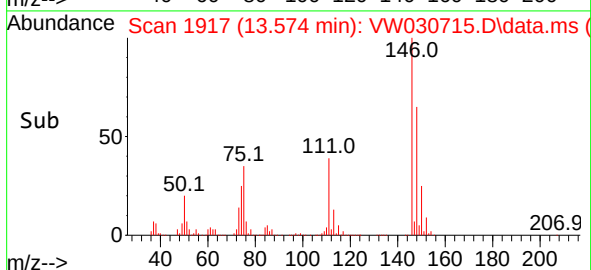
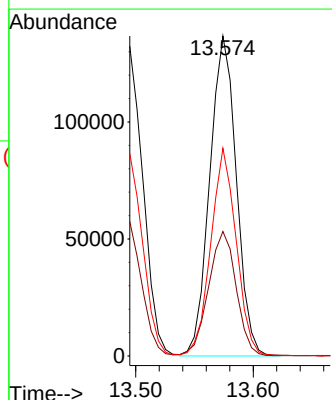
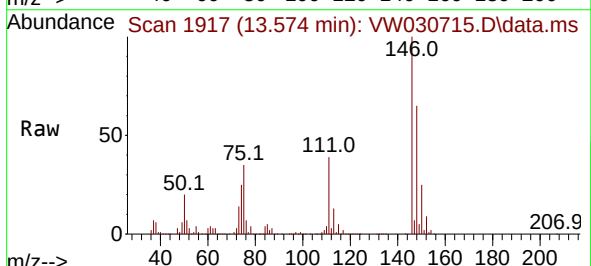
Tgt Ion:146 Resp: 215119

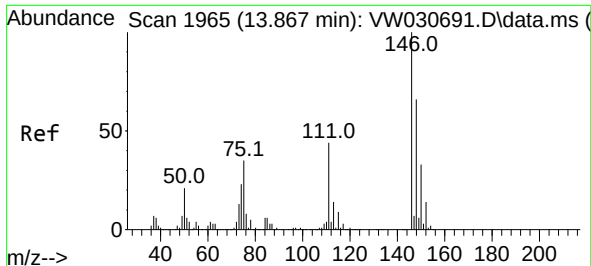
Ion Ratio Lower Upper

146 100

111 38.9 26.8 49.8

148 64.9 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 27.909 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

ClientSampleId :

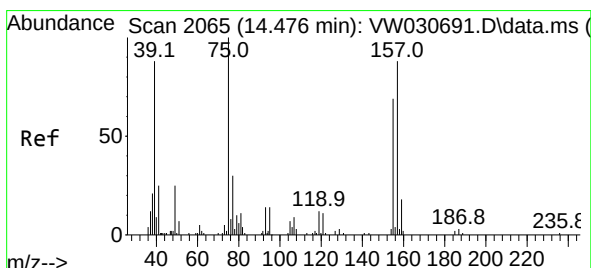
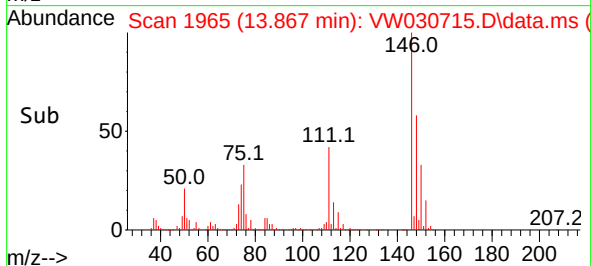
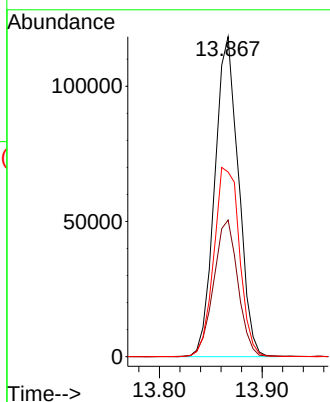
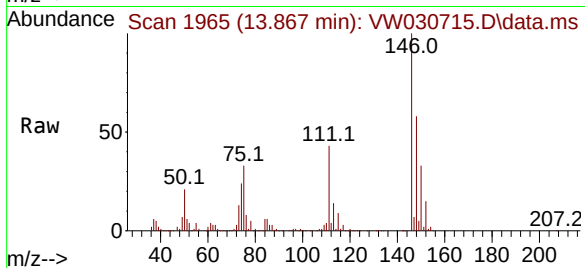
Tgt Ion:146 Resp: 189728

Ion Ratio Lower Upper

146 100

111 42.7 34.6 52.0

148 57.7 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 27.153 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

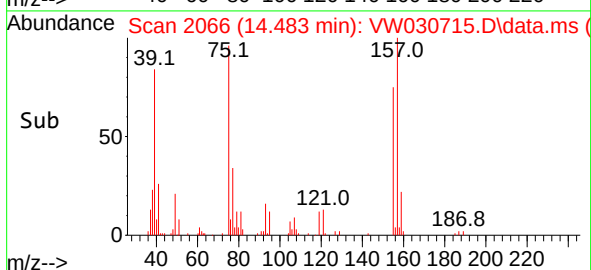
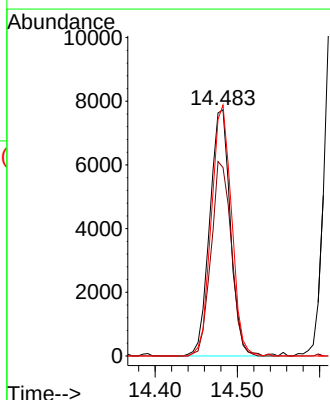
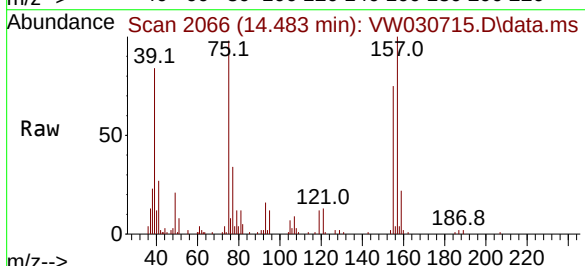
Tgt Ion: 75 Resp: 13502

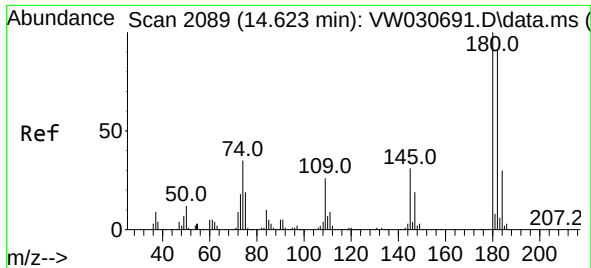
Ion Ratio Lower Upper

75 100

155 76.6 57.9 86.9

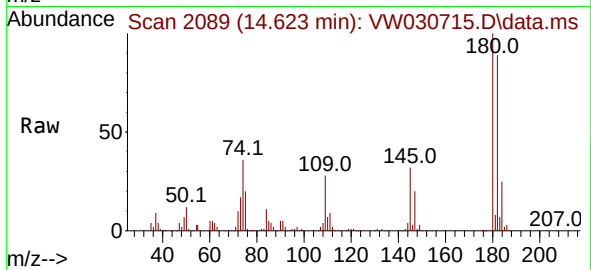
157 102.0 69.0 103.6



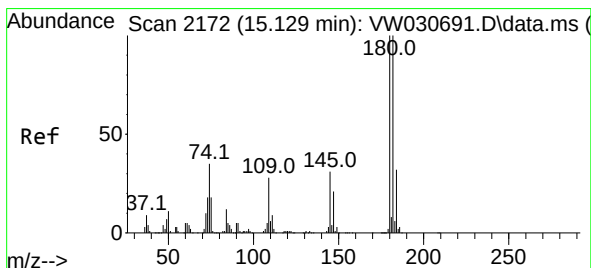
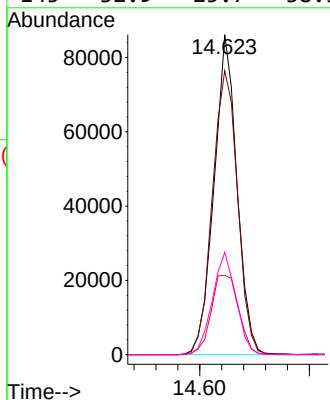
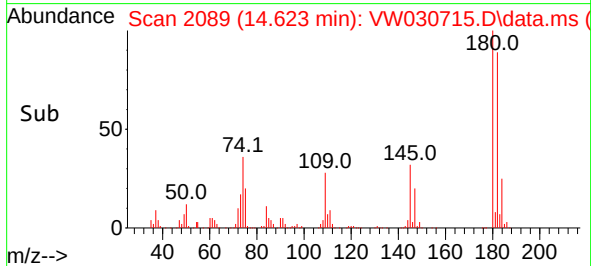


#69
 1,3,5-Trichlorobenzene
 Concen: 24.638 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030715.D
 Acq: 22 Oct 2024 19:56

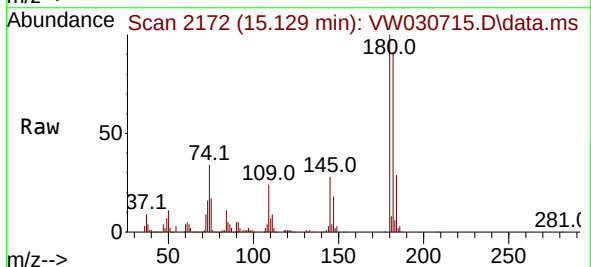
Instrument :
 MSVOA_W
 ClientSampleId :



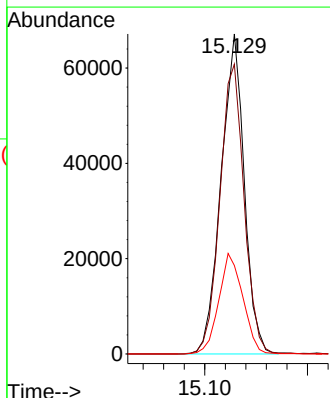
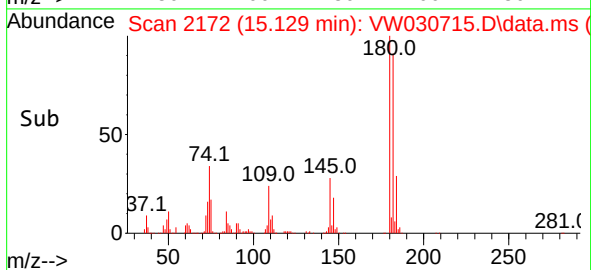
Tgt Ion:180 Resp: 125513
 Ion Ratio Lower Upper
 180 100
 182 97.0 79.9 119.9
 184 29.7 25.2 37.8
 145 32.9 25.7 38.5

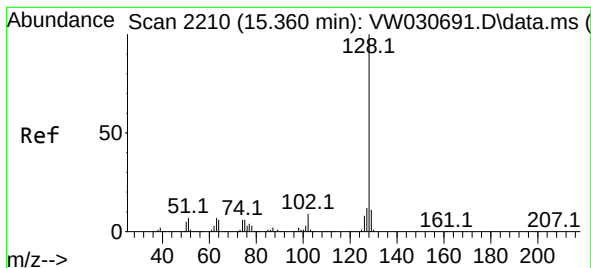


#70
 1,2,4-trichlorobenzene
 Concen: 25.640 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030715.D
 Acq: 22 Oct 2024 19:56



Tgt Ion:180 Resp: 105151
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.2 112.8
 145 32.6 25.4 38.2





#71

Naphthalene

Concen: 30.292 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Instrument :

MSVOA_W

ClientSampleId :

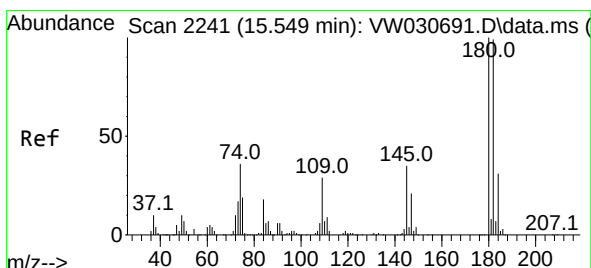
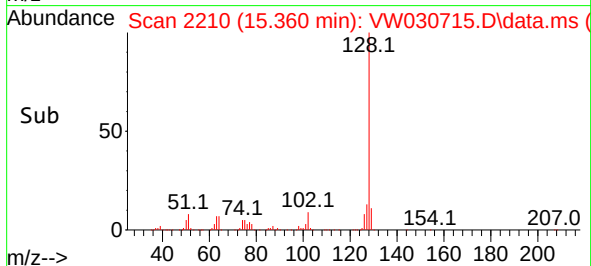
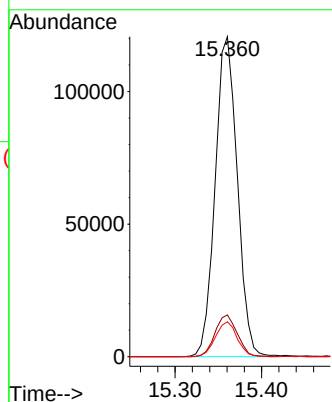
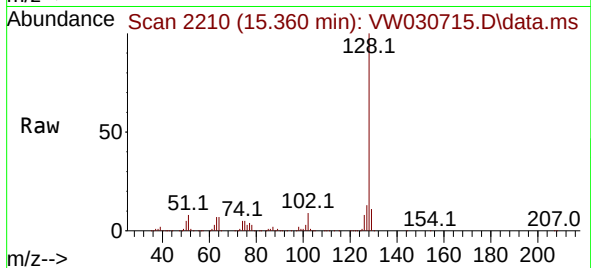
Tgt Ion:128 Resp: 214634

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.756 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030715.D

Acq: 22 Oct 2024 19:56

Tgt Ion:180 Resp: 102239

Ion Ratio Lower Upper

180 100

182 89.0 76.2 114.4

145 32.0 27.4 41.2

