

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
 Data File : VW030713.D
 Acq On : 22 Oct 2024 19:08
 Operator : SY/MD
 Sample : P4415-22MS
 Misc : 4.89g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F44MS

Quant Time: Oct 23 01:41:06 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	411904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	363645	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160181	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	69845	10.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.160%
7) Chloroethane-d5	2.899	69	76900	15.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.760%
11) 1,1-Dichloroethene-d2	4.021	65	27970	10.387	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.560%#
21) 2-Butanone-d5	7.075	46	67476	57.911	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.820%
24) Chloroform-d	7.648	84	248385	21.086	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.360%
26) 1,2-Dichloroethane-d4	8.301	65	128833	21.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.120%
32) Benzene-d6	8.276	84	347820	16.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.920%
36) 1,2-Dichloropropane-d6	9.270	67	133648	21.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.280%
41) Toluene-d8	10.325	98	253750	13.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.680%
43) trans-1,3-Dichloroprop...	10.575	79	52026	20.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.240%
47) 2-Hexanone-d5	10.922	63	54278	68.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.060%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132781	29.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	112400	20.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74408	14.139	ug/L	99
3) Chloromethane	2.223	50	94513	15.452	ug/L	100
5) Vinyl chloride	2.375	62	114193	15.181	ug/L	98
6) Bromomethane	2.789	94	83191	16.803	ug/L	89
8) Chloroethane	2.936	64	79882	17.373	ug/L	99
9) Trichlorofluoromethane	3.265	101	96125	14.282	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	92970	15.353	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	81241	14.701	ug/L	92
13) Acetone	4.119	43	34981	20.507	ug/L	97
14) Carbon disulfide	4.393	76	207541	11.500	ug/L	99
15) Methyl Acetate	4.673	43	38733	18.382	ug/L	100
16) Methylene chloride	4.917	84	105578	16.955	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	90299	15.143	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	168189	20.152	ug/L	99
19) 1,1-Dichloroethane	6.216	63	194846	17.580	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	110073	17.306	ug/L	94
22) 2-Butanone	7.167	43	51539	28.029	ug/L	98
23) Bromochloromethane	7.514	128	49096	17.644	ug/L	94
25) Chloroform	7.679	83	209091	17.654	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
 Data File : VW030713.D
 Acq On : 22 Oct 2024 19:08
 Operator : SY/MD
 Sample : P4415-22MS
 Misc : 4.89g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F44MS

Quant Time: Oct 23 01:41:06 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

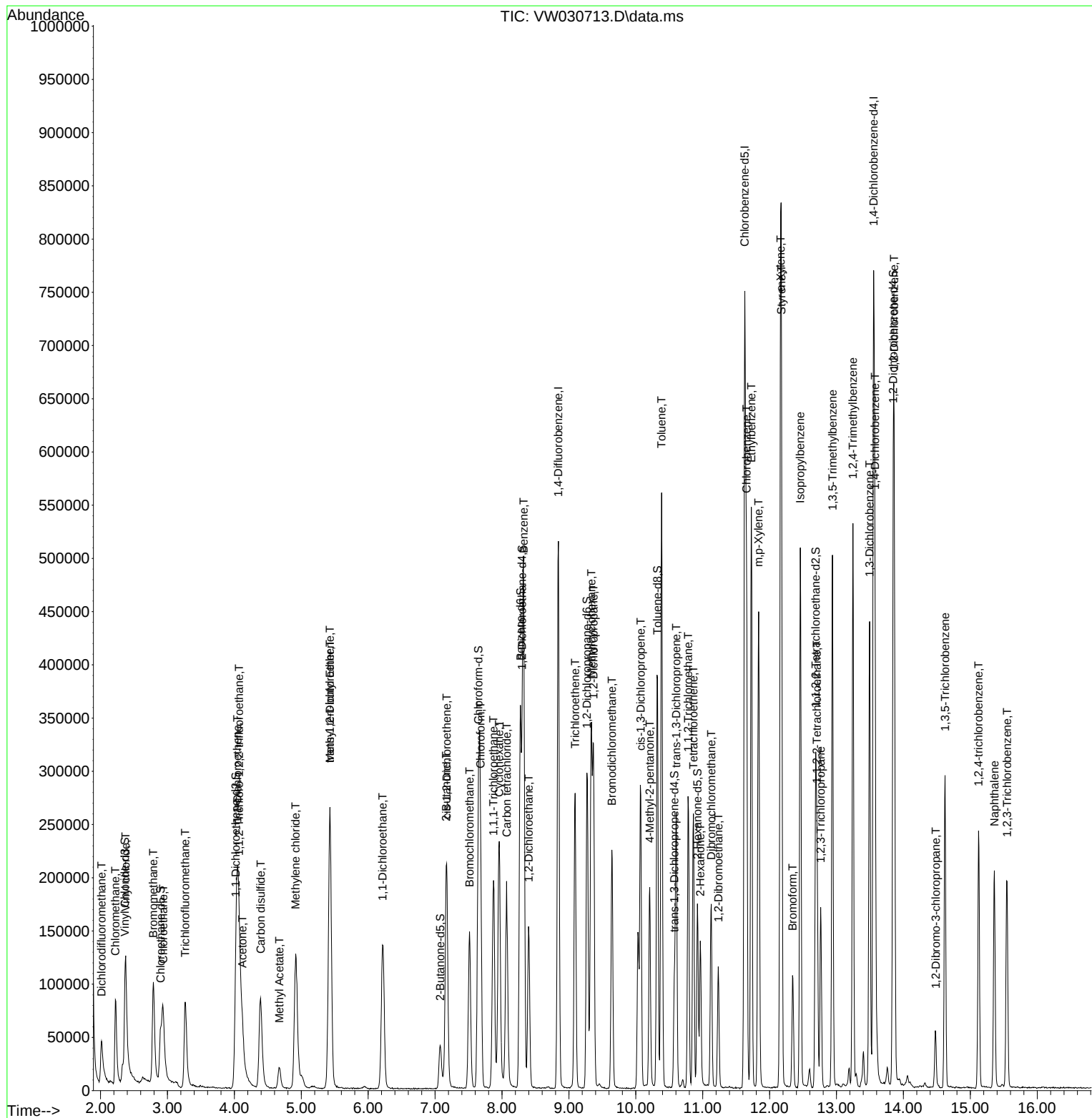
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135805	17.381	ug/L	98
29) Cyclohexane	7.959	56	124048	14.014	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151519	15.696	ug/L	98
31) Carbon tetrachloride	8.069	117	127175	14.750	ug/L	99
33) Benzene	8.325	78	405571	17.139	ug/L	100
34) Trichloroethene	9.093	95	93895	14.262	ug/L	96
35) Methylcyclohexane	9.337	83	128382	12.391	ug/L	99
37) 1,2-Dichloropropane	9.368	63	110276	18.658	ug/L	100
38) Bromodichloromethane	9.642	83	147994	18.821	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	160564	18.011	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	119844	42.208	ug/L	99
42) Toluene	10.386	91	395373	15.661	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	132813	17.729	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	80798	18.916	ug/L	99
46) Tetrachloroethene	10.861	164	55602	11.451	ug/L	96
48) 2-Hexanone	10.965	43	84394	36.346	ug/L	95
49) Dibromochloromethane	11.129	129	85464	17.931	ug/L	94
50) 1,2-Dibromoethane	11.233	107	70762	17.754	ug/L	94
51) Chlorobenzene	11.654	112	239460	14.734	ug/L	99
52) Ethylbenzene	11.727	91	370099	12.847	ug/L	99
53) m,p-Xylene	11.837	106	131642	12.197	ug/L	84
54) o-Xylene	12.166	106	138659	13.897	ug/L	97
55) Styrene	12.178	104	242468	14.215	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	92258	19.153	ug/L	95
59) Bromoform	12.343	173	44420	19.738	ug/L	99
60) Isopropylbenzene	12.458	105	309733	12.486	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	64511	20.697	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	254018	12.980	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	264808	13.820	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	161934	14.997	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	155964	13.989	ug/L	91
67) 1,2-Dichlorobenzene	13.861	146	154786	16.291	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	13169	18.948	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	83014	11.659	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	70517	12.302	ug/L	98
71) Naphthalene	15.360	128	167312	16.895	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	64551	12.990	ug/L	97

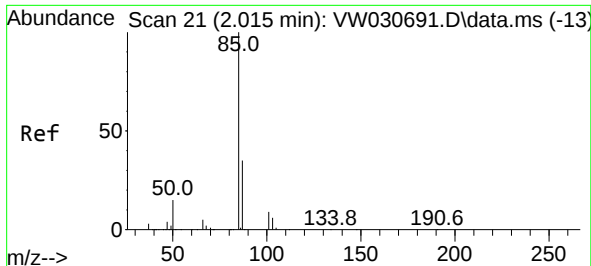
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
Data File : VW030713.D
Acq On : 22 Oct 2024 19:08
Operator : SY/MD
Sample : P4415-22MS
Misc : 4.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

Quant Time: Oct 23 01:41:06 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

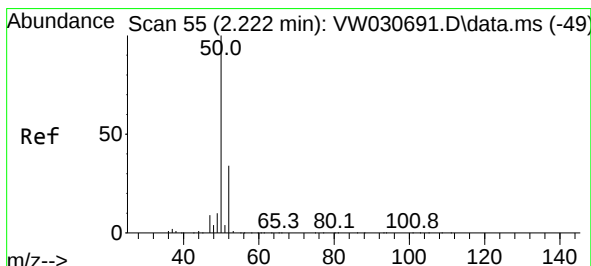
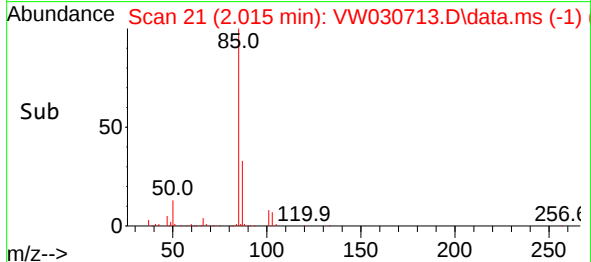
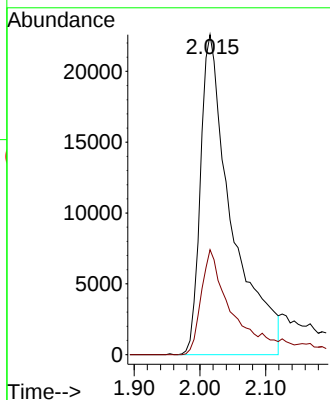
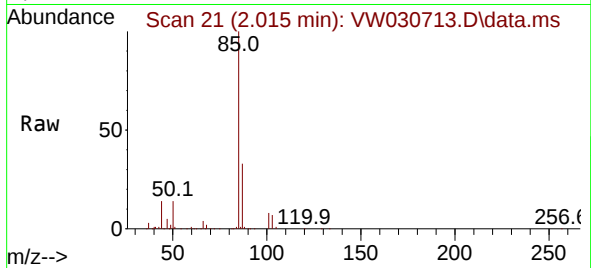




#2
 Dichlorodifluoromethane
 Concen: 14.139 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

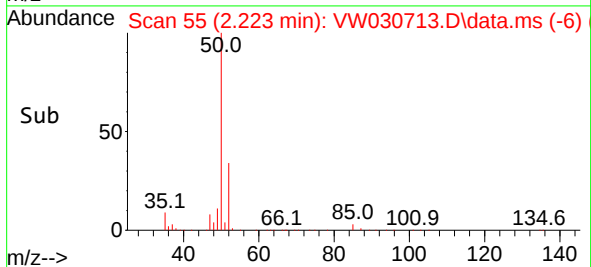
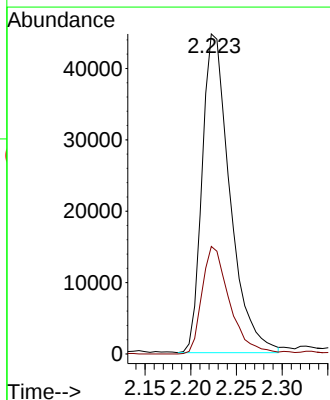
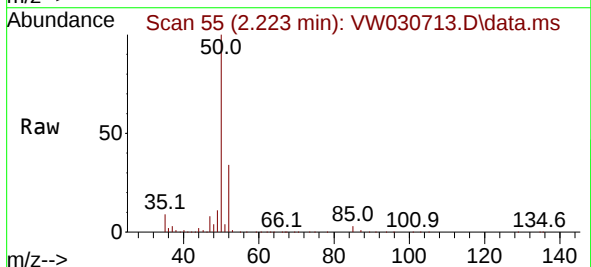
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F44MS

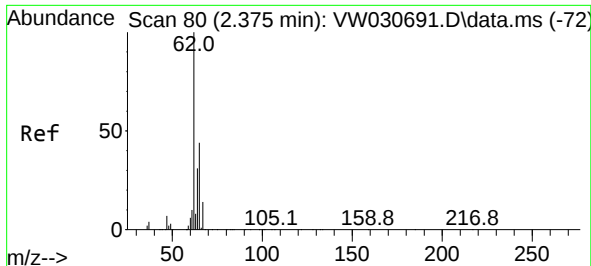
Tgt Ion: 85 Resp: 74408
 Ion Ratio Lower Upper
 85 100
 87 29.3 23.8 35.6



#3
 Chloromethane
 Concen: 15.452 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

Tgt Ion: 50 Resp: 94513
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9

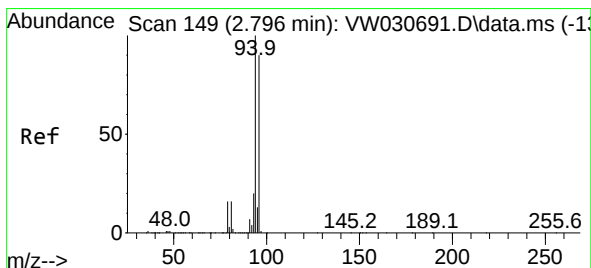
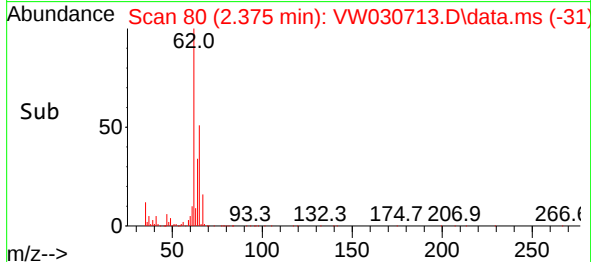
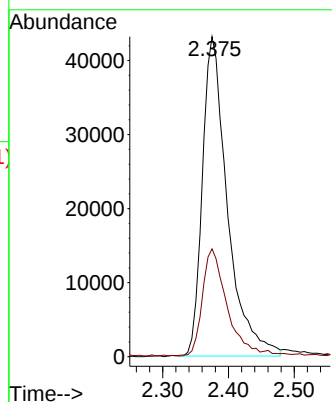
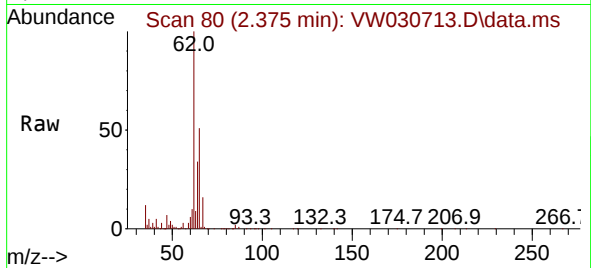




#5
 Vinyl chloride
 Concen: 15.181 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

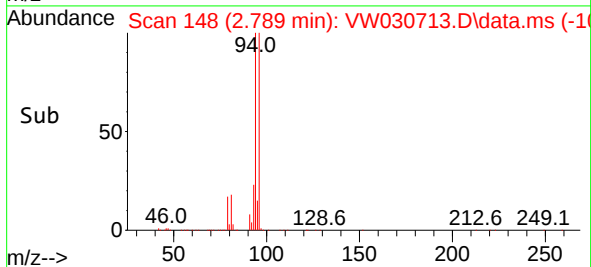
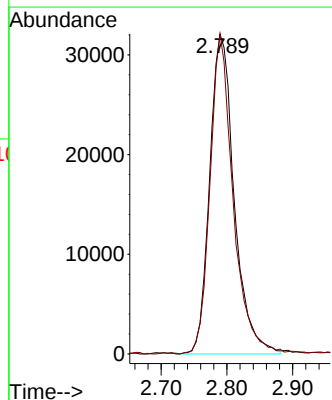
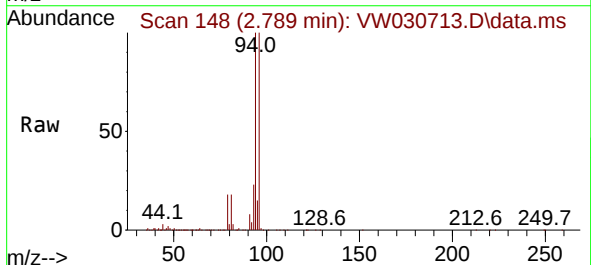
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F44MS

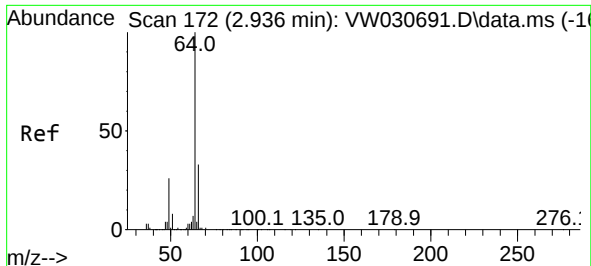
Tgt Ion: 62 Resp: 114193
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.6 42.0



#6
 Bromomethane
 Concen: 16.803 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

Tgt Ion: 94 Resp: 83191
 Ion Ratio Lower Upper
 94 100
 96 100.1 62.6 116.2

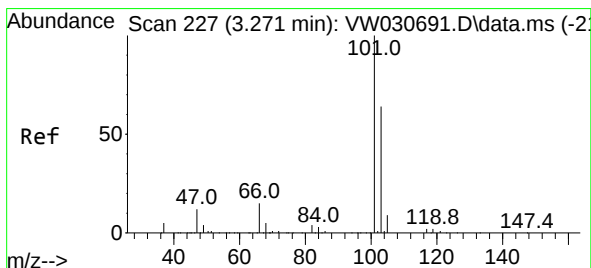
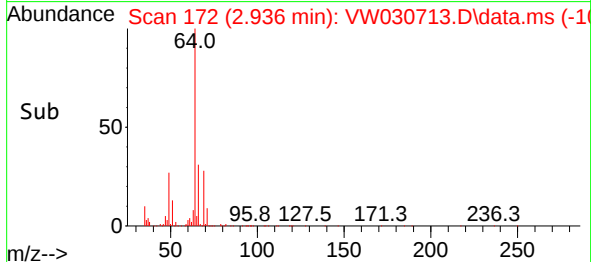
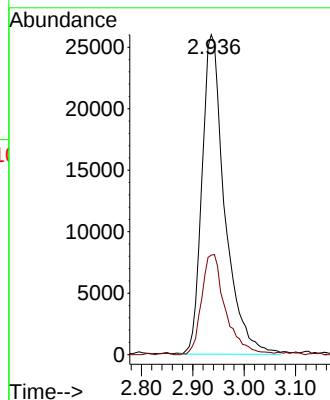
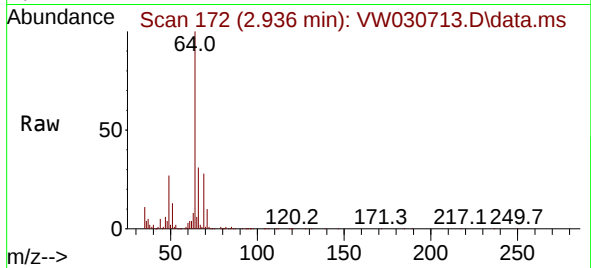




#8
Chloroethane
Concen: 17.373 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

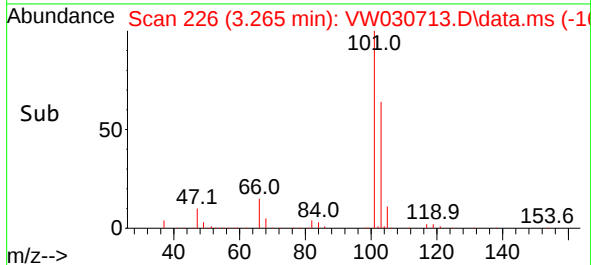
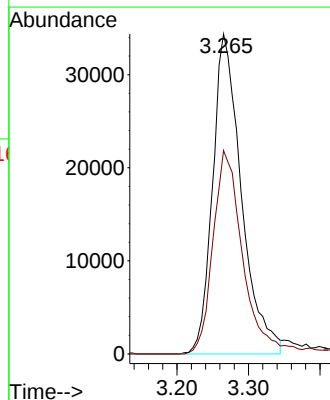
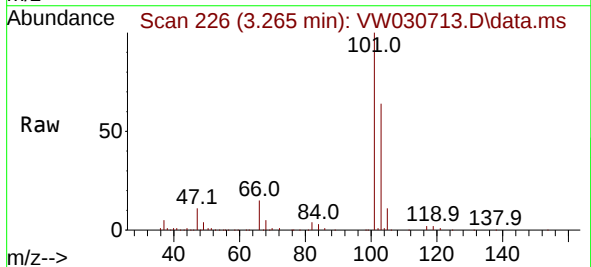
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

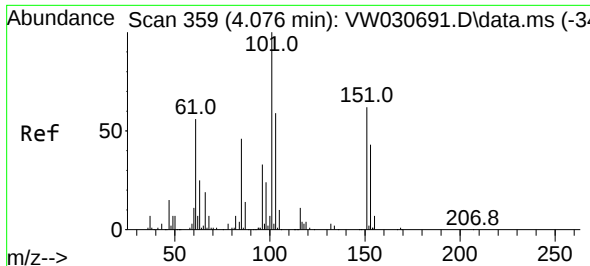
Tgt Ion: 64 Resp: 79882
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.282 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 101 Resp: 96125
Ion Ratio Lower Upper
101 100
103 64.2 51.1 76.7

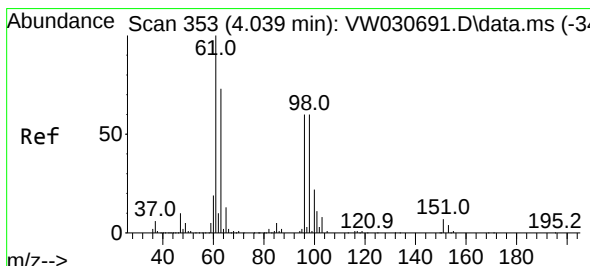
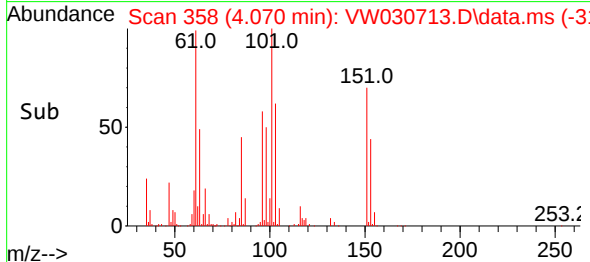
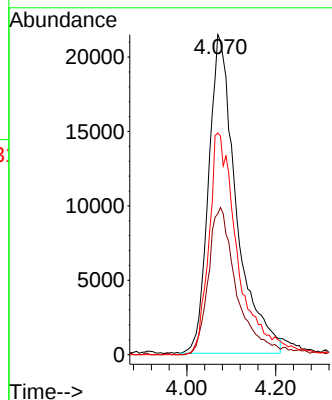
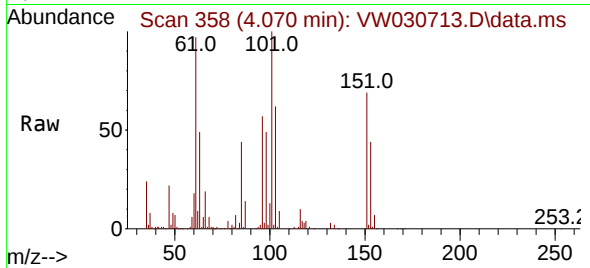




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.353 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

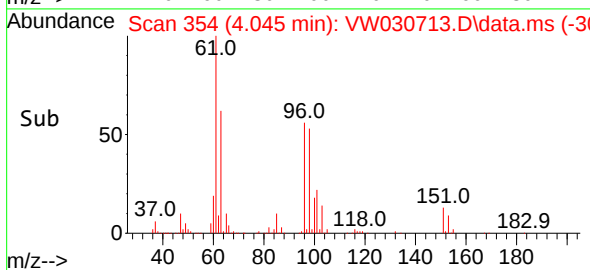
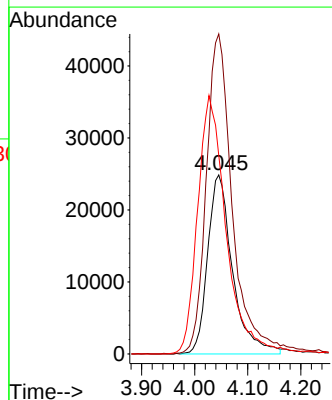
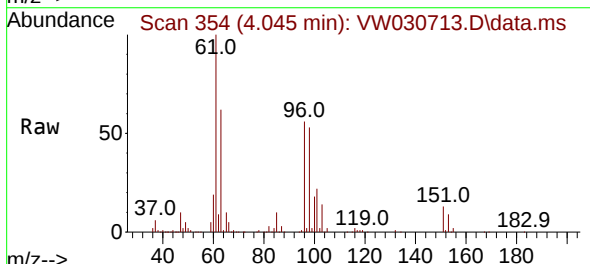
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F44MS

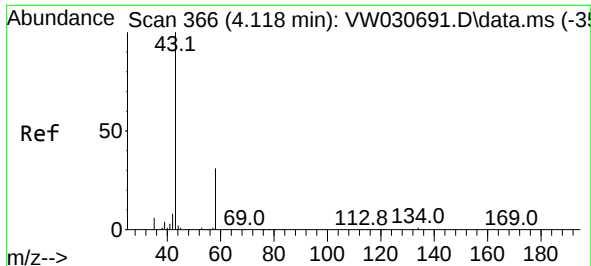
Tgt Ion:101 Resp: 92970
 Ion Ratio Lower Upper
 101 100
 85 46.8 35.7 53.5
 151 36.3 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 14.701 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

Tgt Ion: 96 Resp: 81241
 Ion Ratio Lower Upper
 96 100
 61 178.7 121.3 225.3
 63 110.9 87.6 162.8

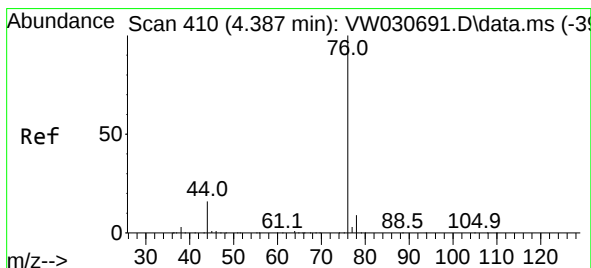
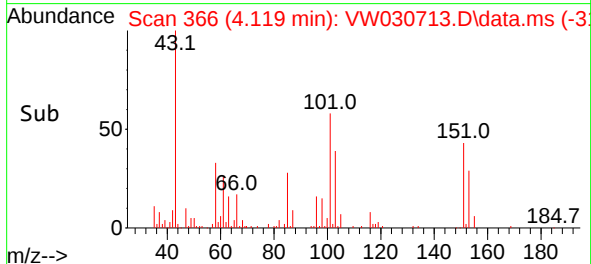
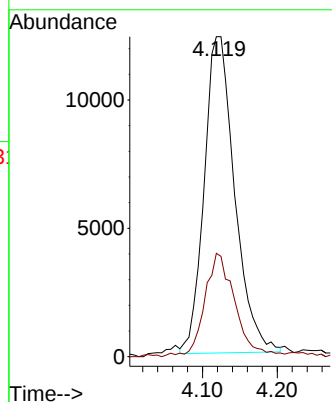
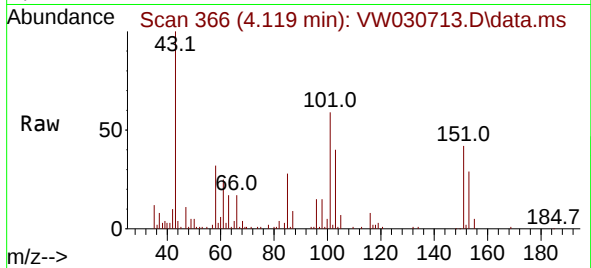




#13
Acetone
Concen: 20.507 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

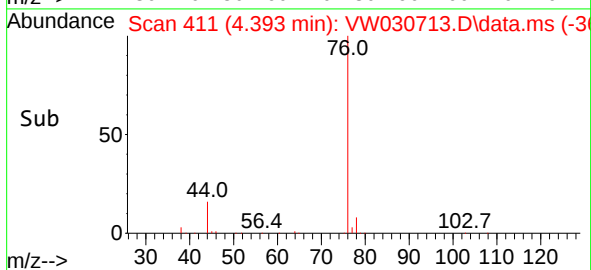
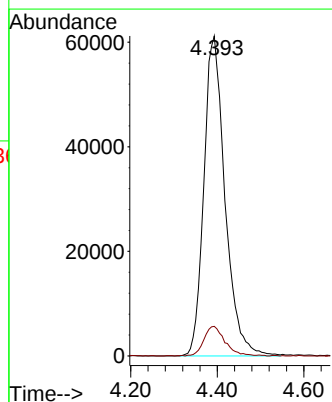
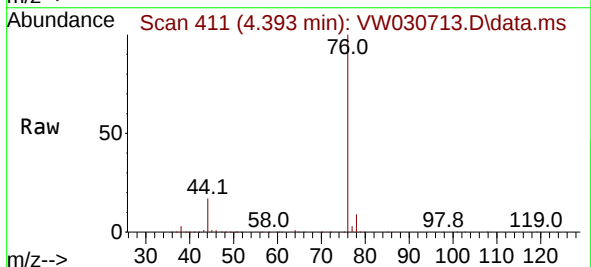
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

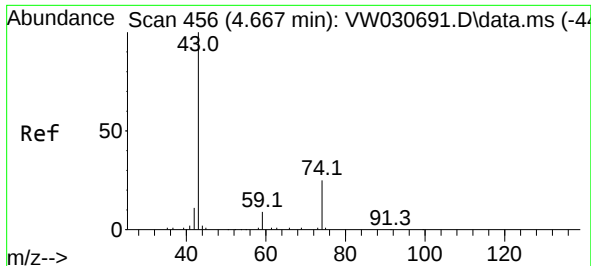
Tgt Ion: 43 Resp: 34981
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.6



#14
Carbon disulfide
Concen: 11.500 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 76 Resp: 207541
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

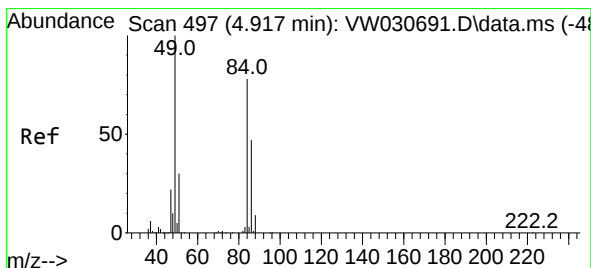
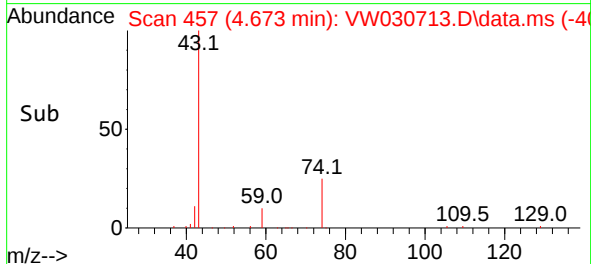
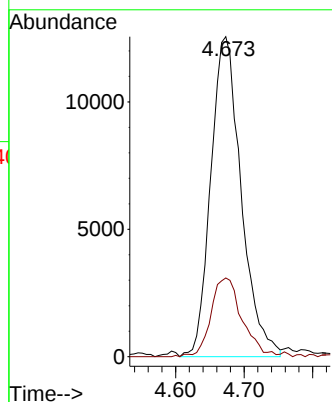
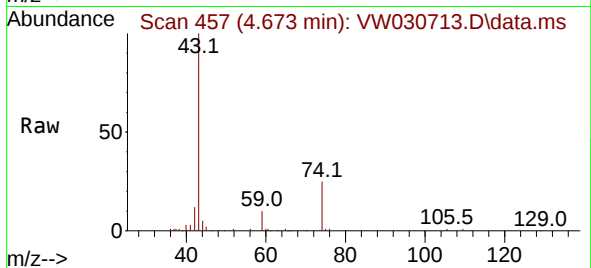




#15
Methyl Acetate
Concen: 18.382 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

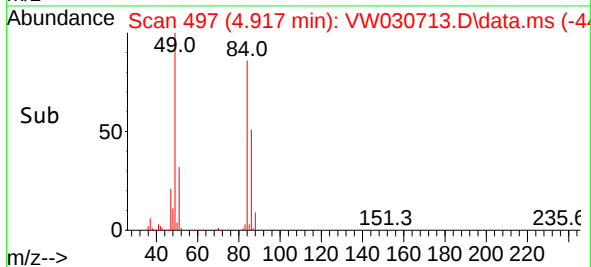
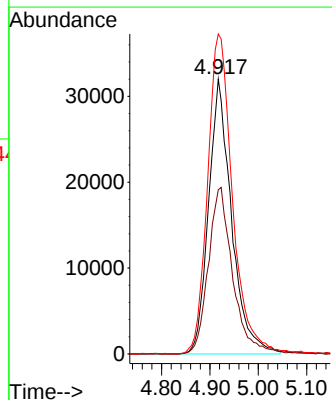
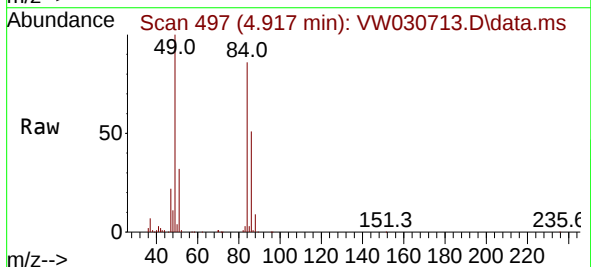
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

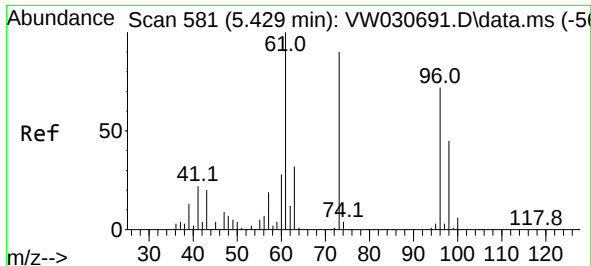
Tgt Ion: 43 Resp: 38733
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9



#16
Methylene chloride
Concen: 16.955 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 84 Resp: 105578
Ion Ratio Lower Upper
84 100
86 59.7 43.8 81.3
49 116.4 88.3 164.1

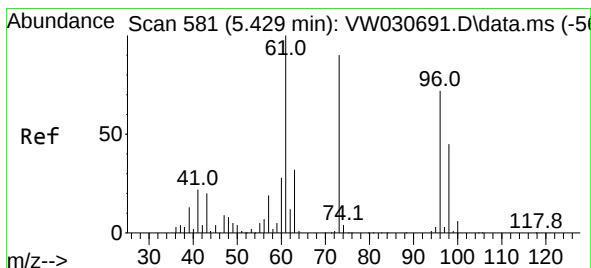
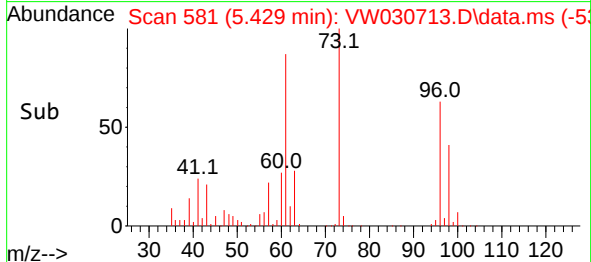
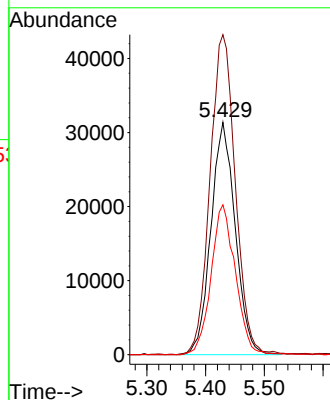
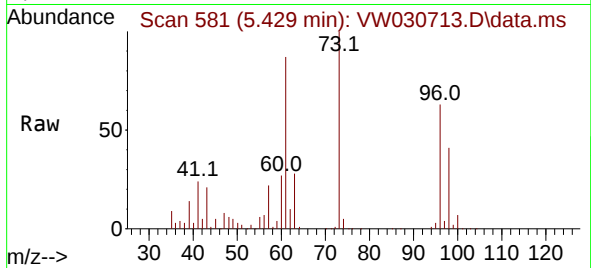




#17
trans-1,2-Dichloroethene
Concen: 15.143 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

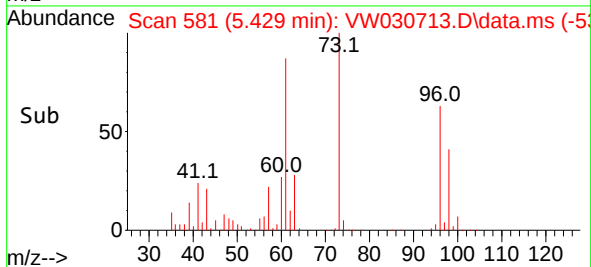
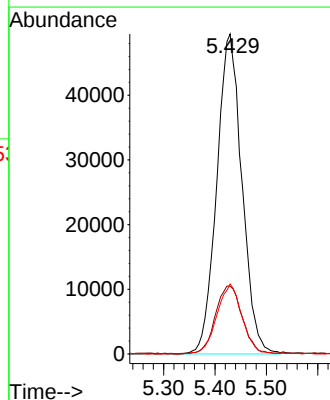
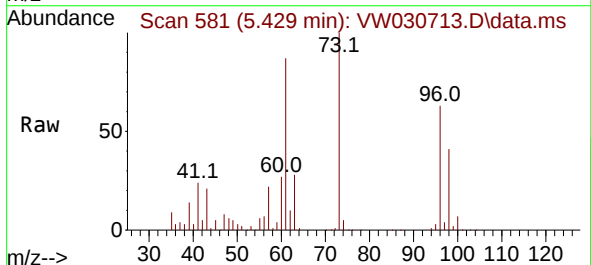
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

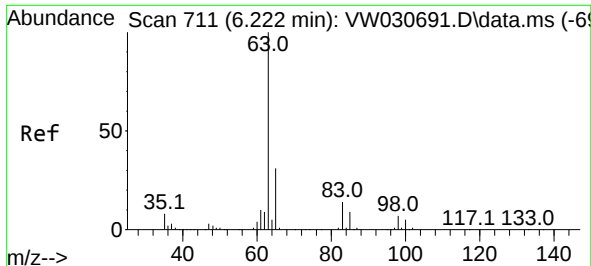
Tgt Ion:	96	Resp:	90299
Ion	Ratio	Lower	Upper
96	100		
61	137.7	96.9	179.9
98	64.5	42.2	78.4



#18
Methyl tert-butyl Ether
Concen: 20.152 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion:	73	Resp:	168189
Ion	Ratio	Lower	Upper
73	100		
43	22.1	18.1	27.1
57	21.8	17.7	26.5





#19

1,1-Dichloroethane

Concen: 17.580 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

Instrument :

MSVOA_W

ClientSampleId :

A4F44MS

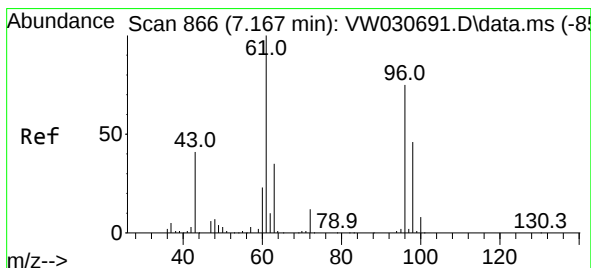
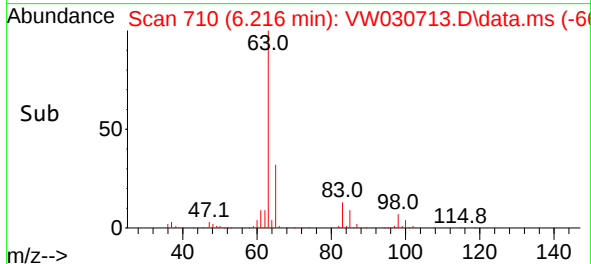
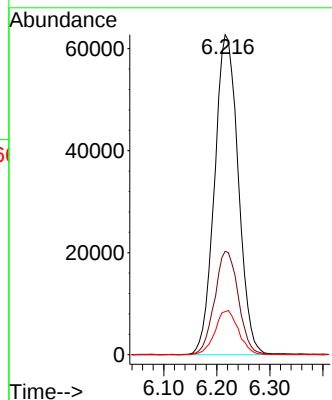
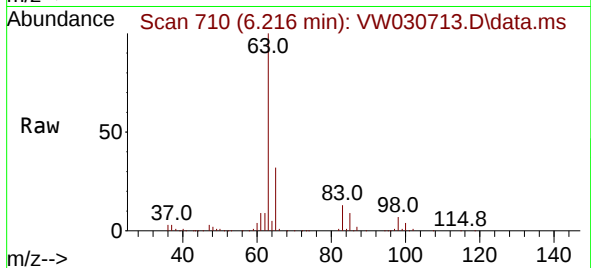
Tgt Ion: 63 Resp: 194846

Ion Ratio Lower Upper

63 100

65 32.3 22.5 41.9

83 13.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 17.306 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

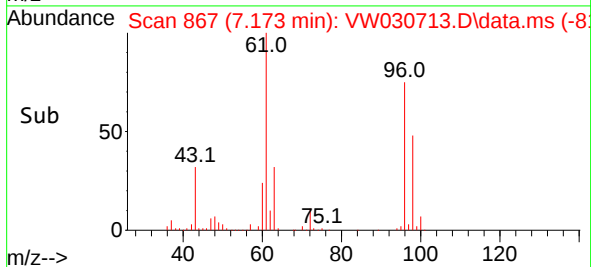
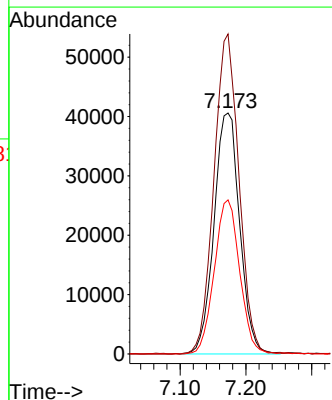
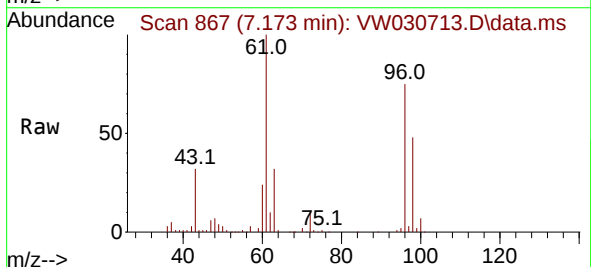
Tgt Ion: 96 Resp: 110073

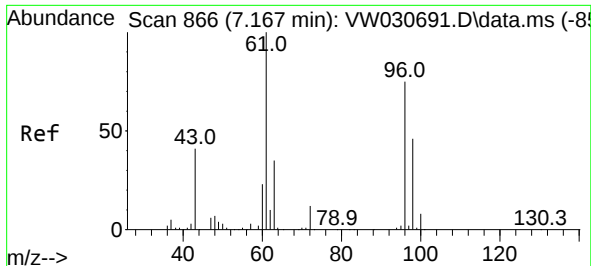
Ion Ratio Lower Upper

96 100

61 132.8 88.3 163.9

98 64.0 41.3 76.7

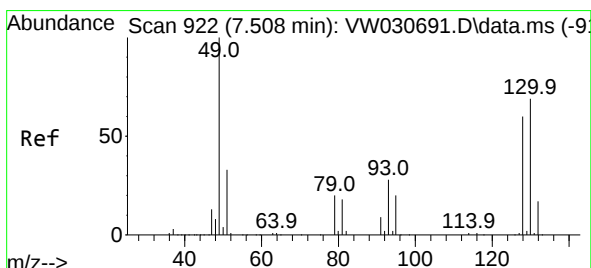
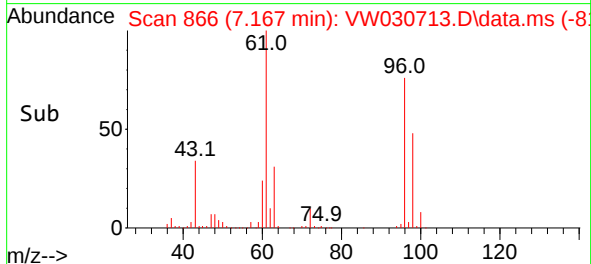
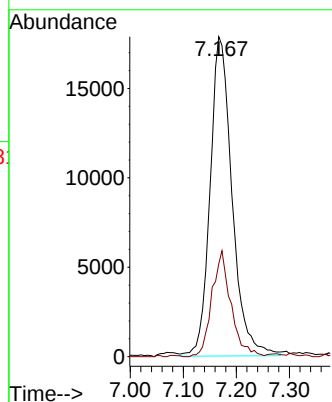
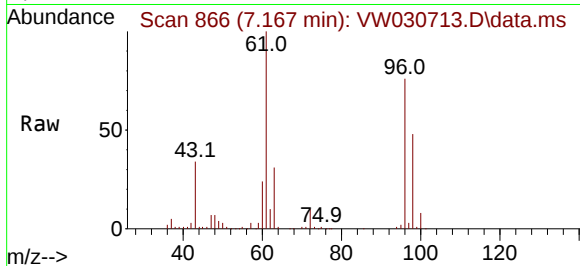




#22
2-Butanone
Concen: 28.029 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

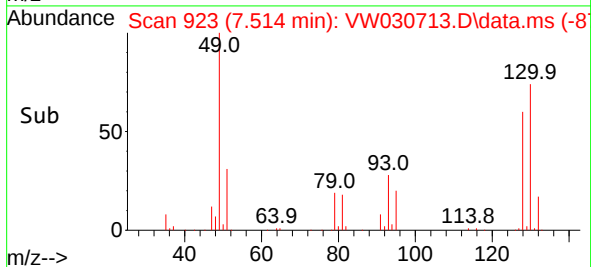
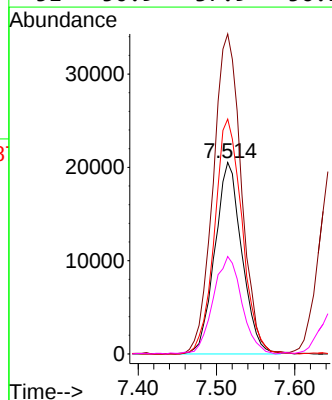
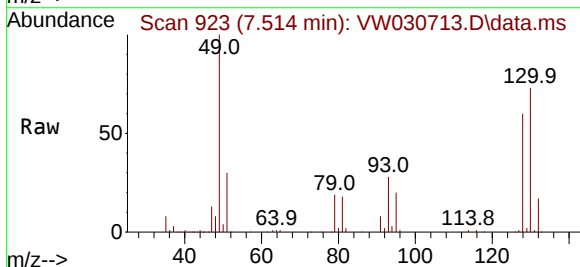
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

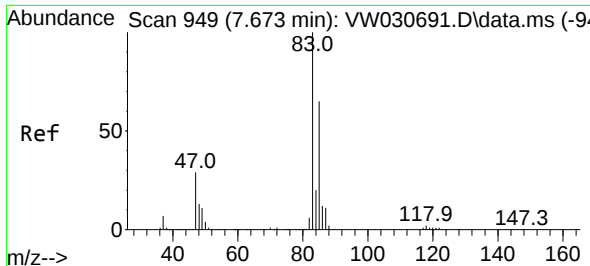
Tgt Ion: 43 Resp: 51539
Ion Ratio Lower Upper
43 100
72 27.6 14.4 43.0



#23
Bromochloromethane
Concen: 17.644 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 128 Resp: 49096
Ion Ratio Lower Upper
128 100
49 167.1 110.1 204.5
130 122.7 82.9 153.9
51 50.9 37.9 56.9

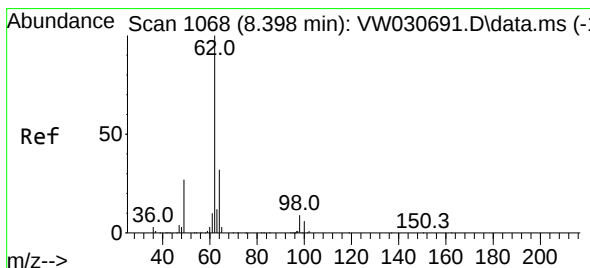
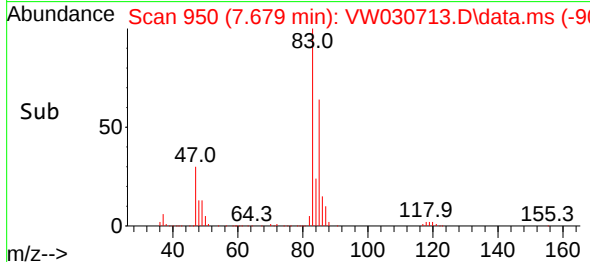
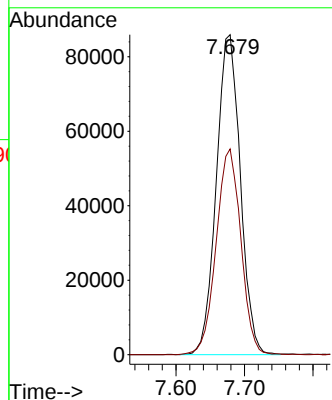
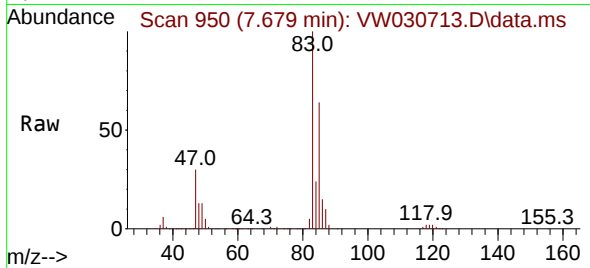




#25
Chloroform
Concen: 17.654 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

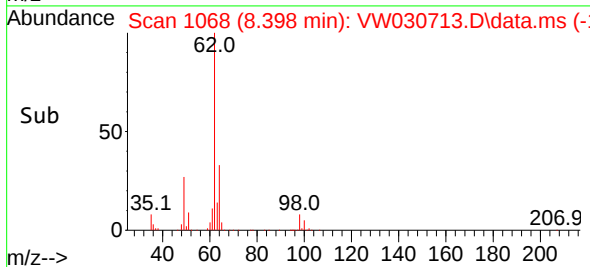
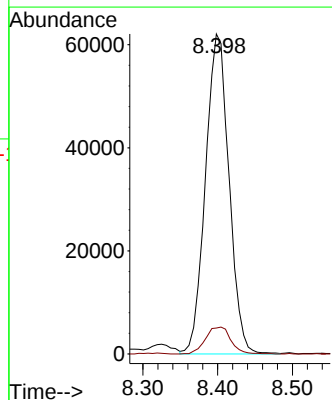
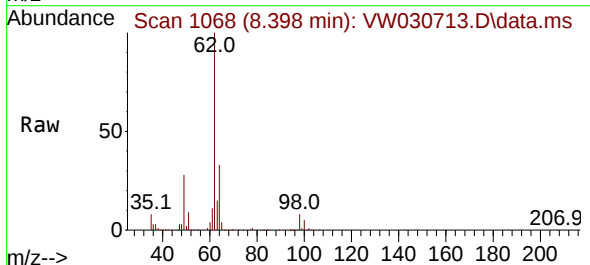
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

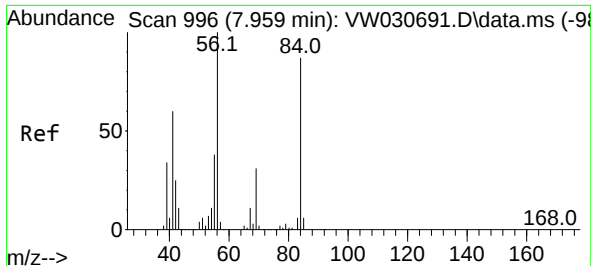
Tgt Ion: 83 Resp: 209091
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 17.381 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 62 Resp: 135805
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.6

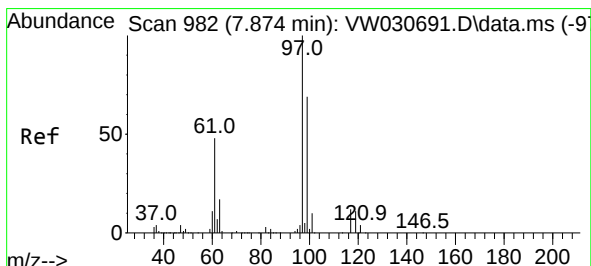
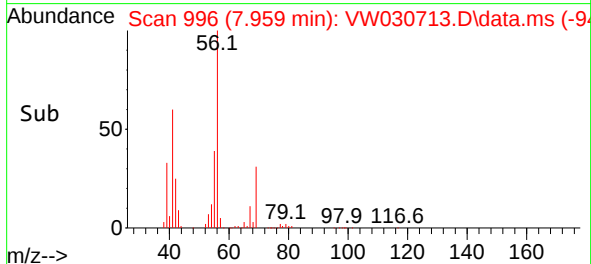
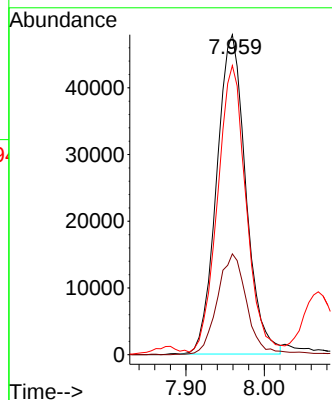
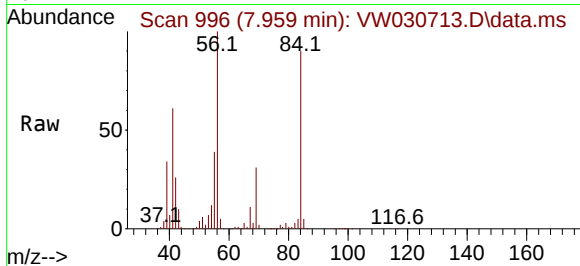




#29
Cyclohexane
Concen: 14.014 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

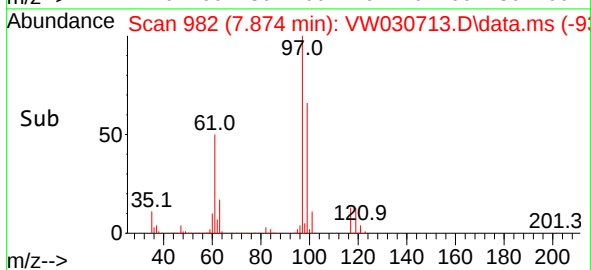
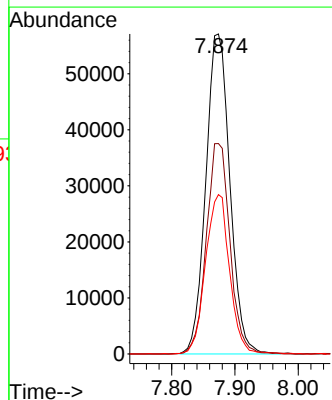
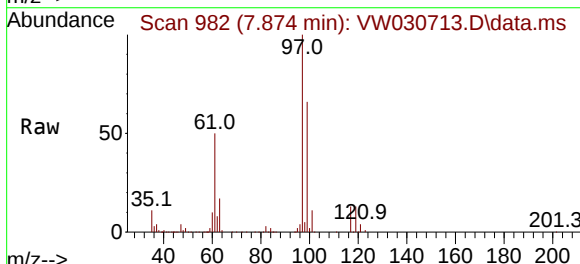
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

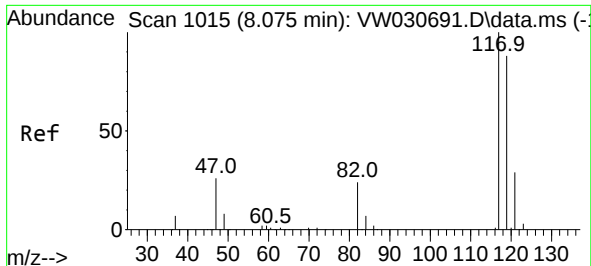
Tgt Ion: 56 Resp: 124048
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.0
84 89.0 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 15.696 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 97 Resp: 151519
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 49.7 38.5 57.7

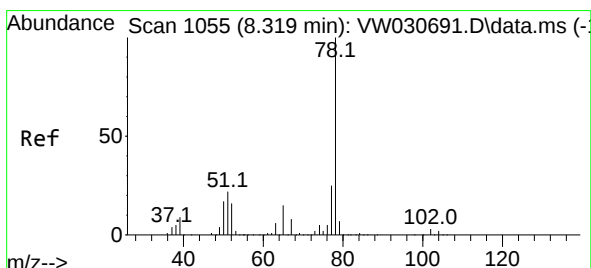
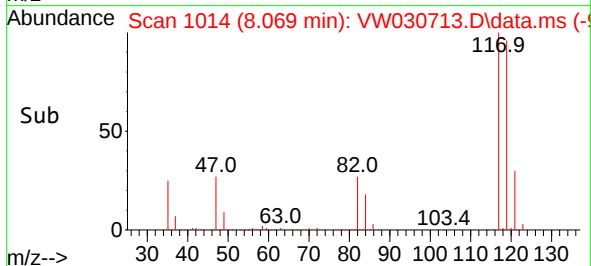
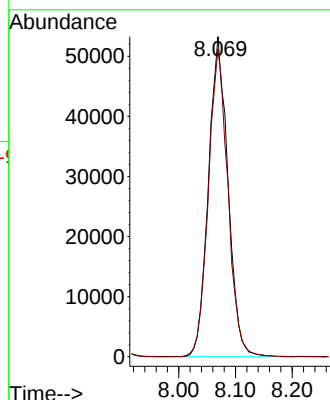
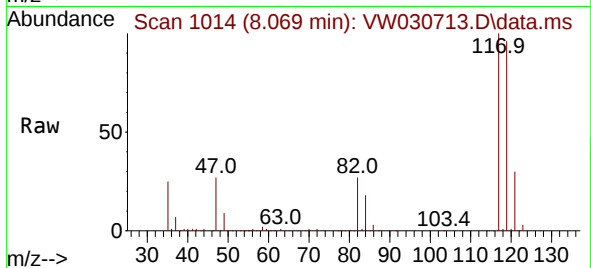




#31
Carbon tetrachloride
Concen: 14.750 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

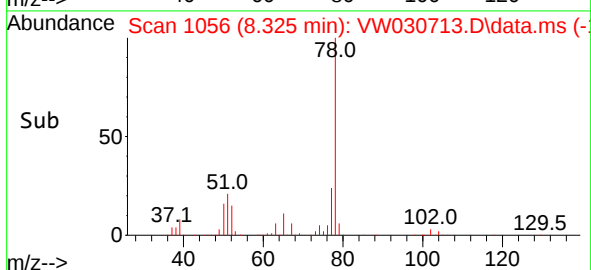
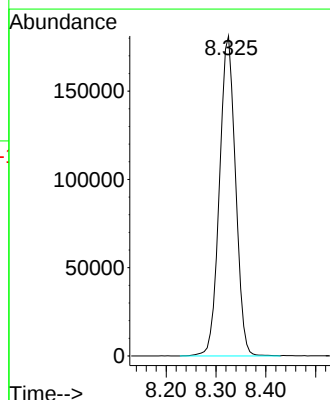
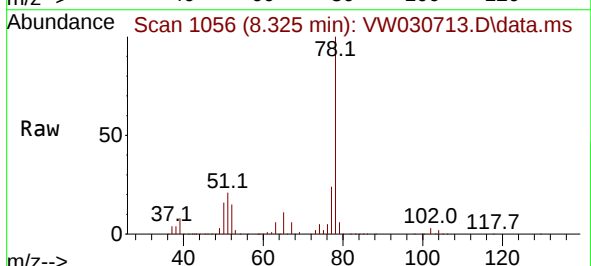
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

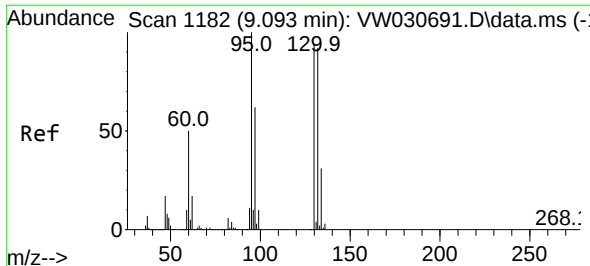
Tgt Ion:117 Resp: 127175
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.8



#33
Benzene
Concen: 17.139 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 78 Resp: 405571

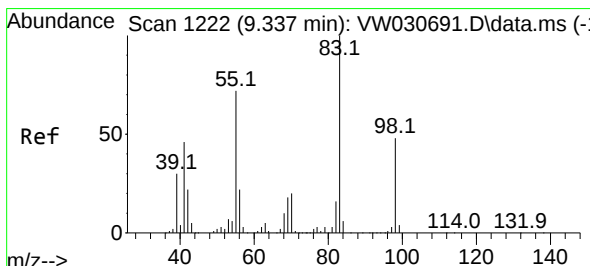
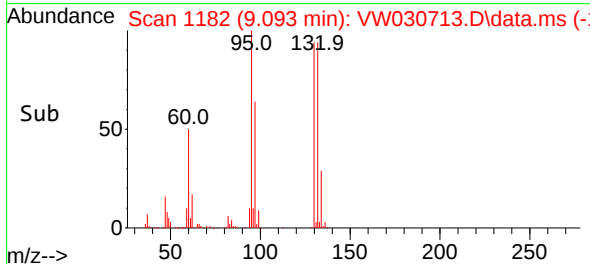
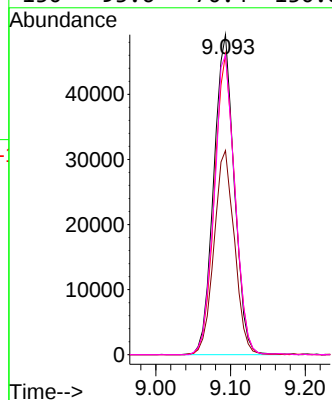
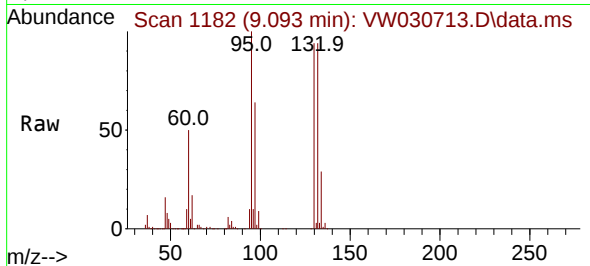




#34
Trichloroethene
Concen: 14.262 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

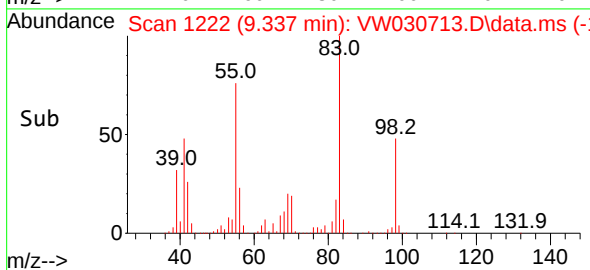
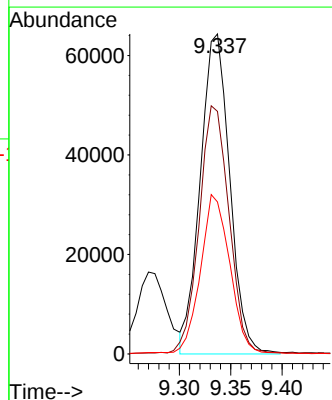
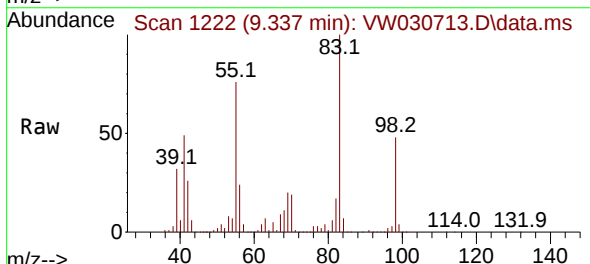
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

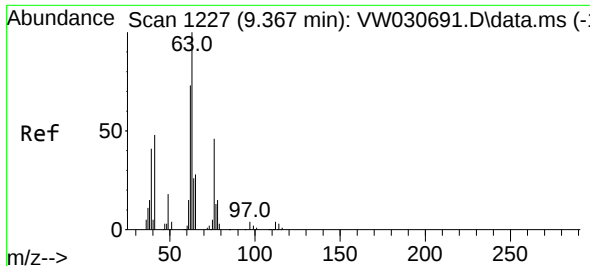
Tgt Ion: 95	Resp: 93895
Ion Ratio	Lower Upper
95 100	
97 63.8	45.9 85.3
132 93.9	66.4 123.2
130 93.6	70.4 130.8



#35
Methylcyclohexane
Concen: 12.391 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 83	Resp: 128382
Ion Ratio	Lower Upper
83 100	
55 77.8	61.8 92.8
98 49.9	39.3 58.9





#37

1,2-Dichloropropane

Concen: 18.658 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

Instrument :

MSVOA_W

ClientSampleId :

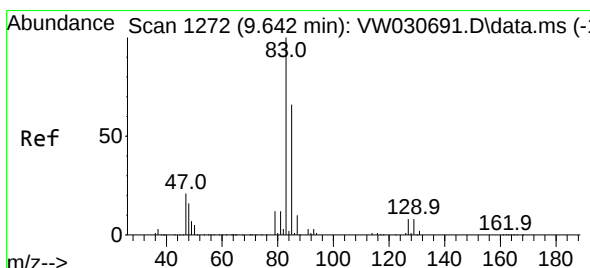
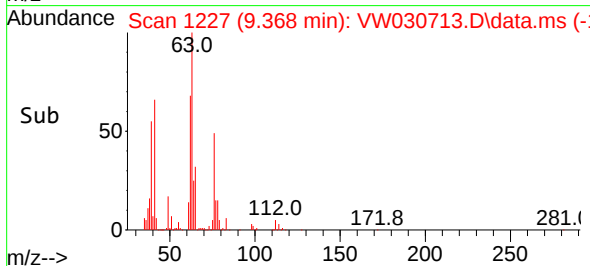
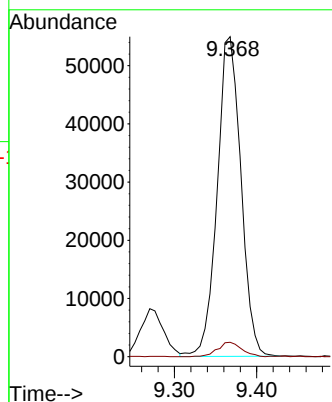
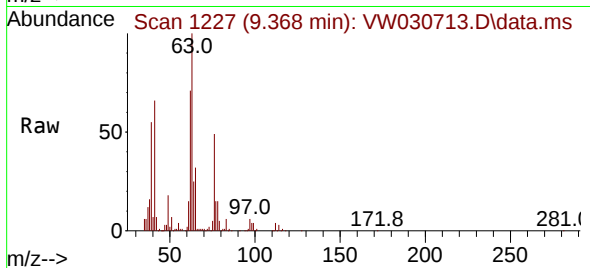
A4F44MS

Tgt Ion: 63 Resp: 110276

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 18.821 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

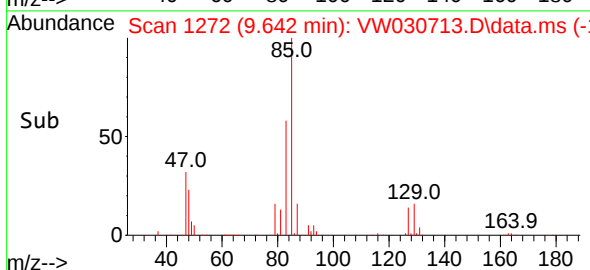
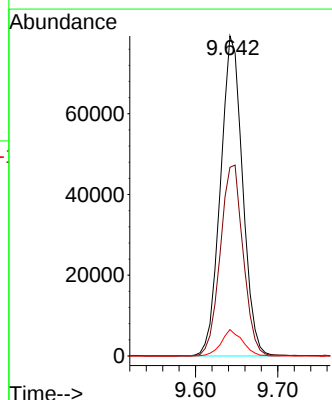
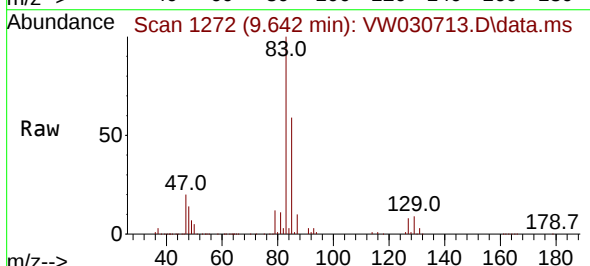
Tgt Ion: 83 Resp: 147994

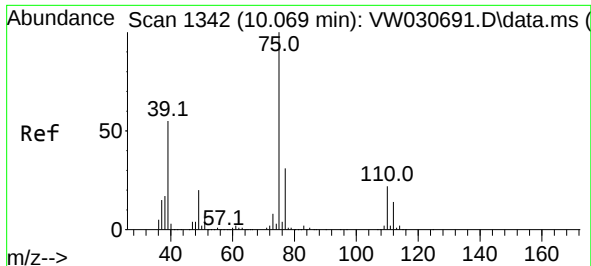
Ion Ratio Lower Upper

83 100

85 59.0 44.2 82.0

127 8.3 6.2 9.4

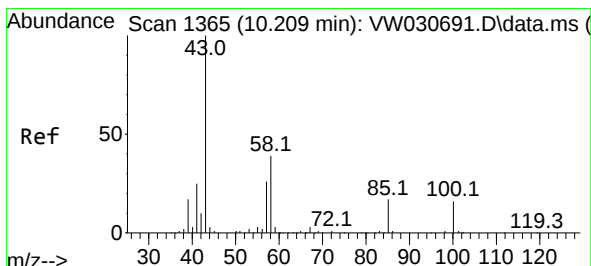
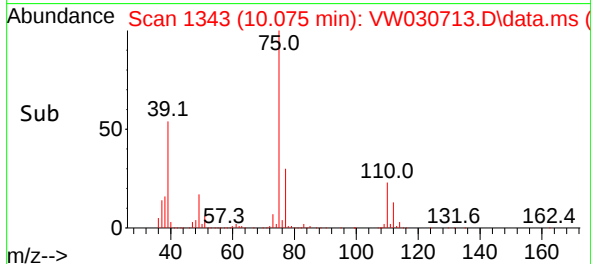
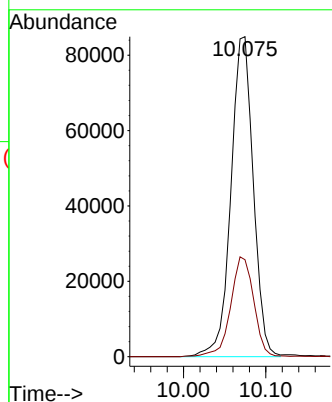
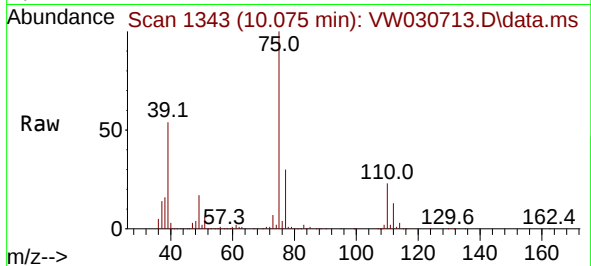




#39
cis-1,3-Dichloropropene
Concen: 18.011 ug/L
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

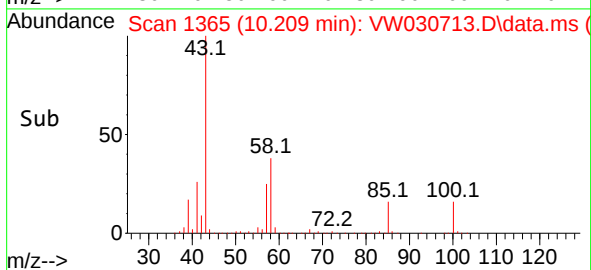
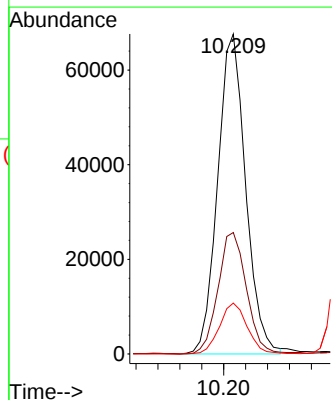
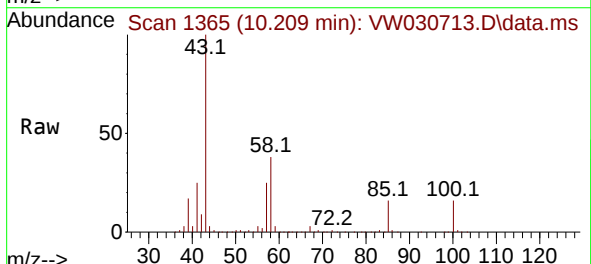
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

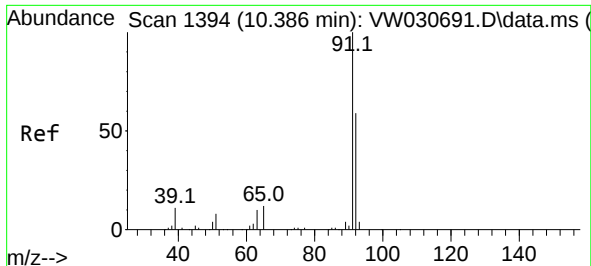
Tgt Ion: 75 Resp: 160564
Ion Ratio Lower Upper
75 100
77 30.3 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 42.208 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 43 Resp: 119844
Ion Ratio Lower Upper
43 100
58 38.7 31.4 47.2
100 15.8 13.1 19.7

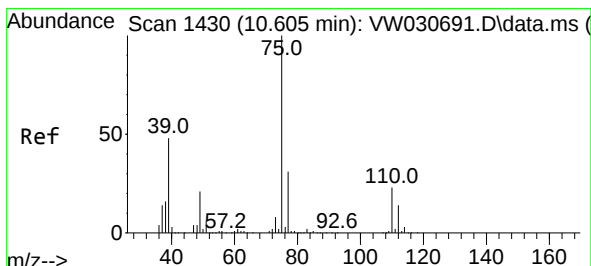
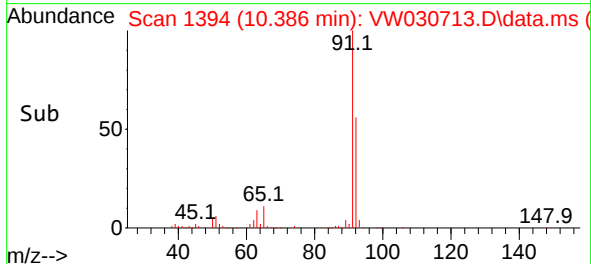
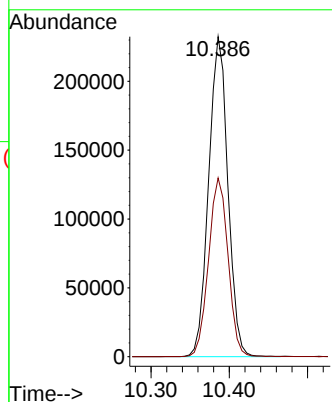
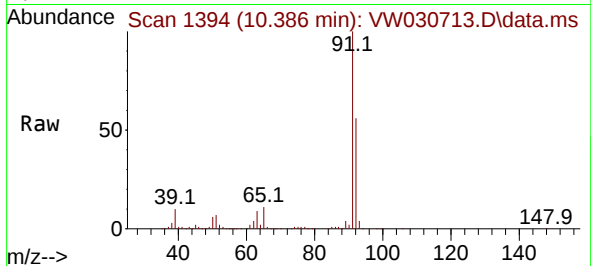




#42
Toluene
Concen: 15.661 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

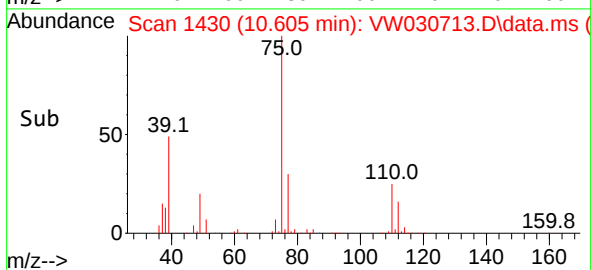
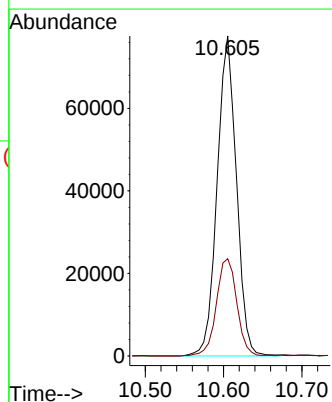
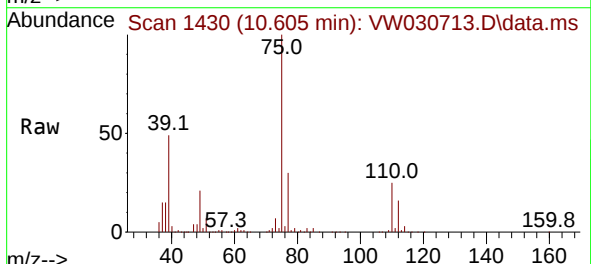
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

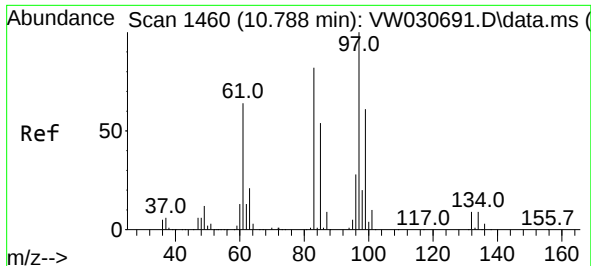
Tgt Ion: 91 Resp: 395373
Ion Ratio Lower Upper
91 100
92 55.9 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 17.729 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 75 Resp: 132813
Ion Ratio Lower Upper
75 100
77 30.4 21.6 40.2

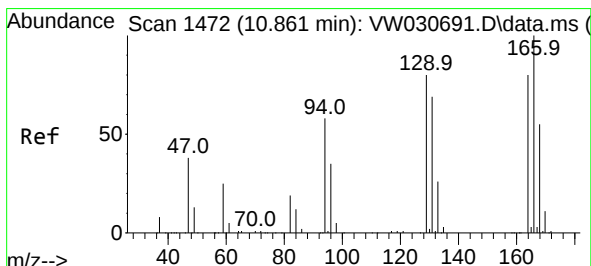
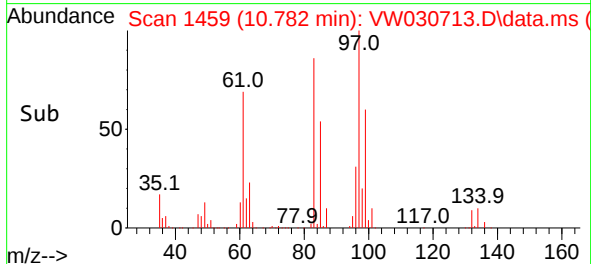
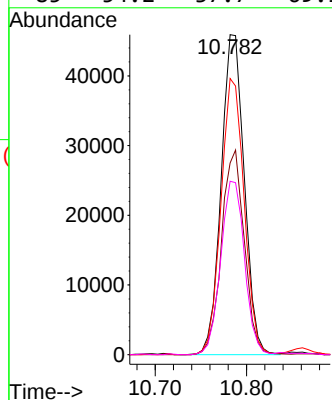
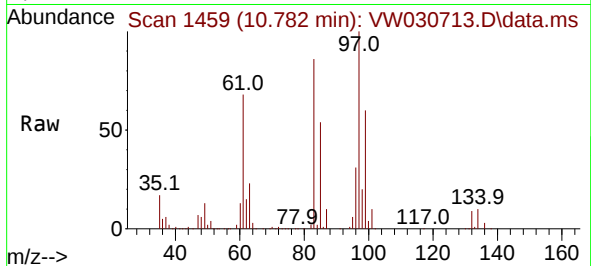




#45
1,1,2-Trichloroethane
Concen: 18.916 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

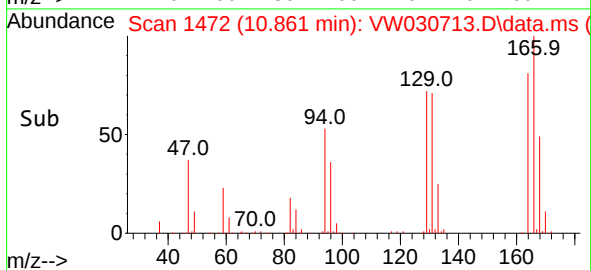
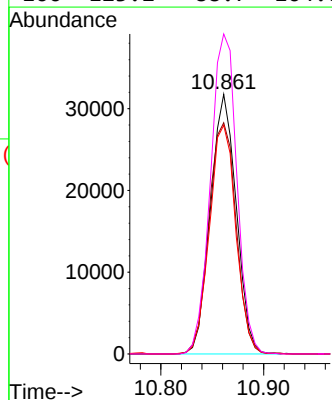
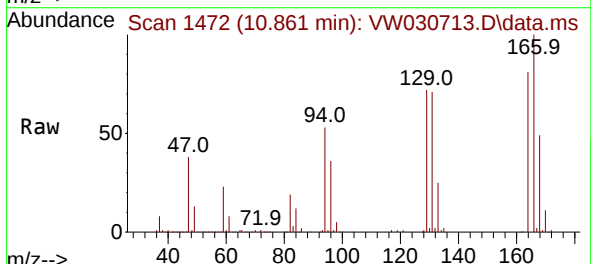
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

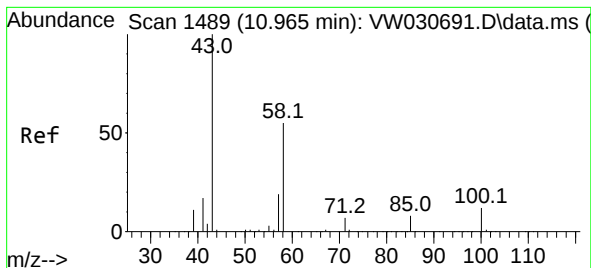
Tgt Ion: 97	Resp: 80798
Ion Ratio	Lower Upper
97 100	
99 59.9	41.2 76.6
83 86.3	59.6 110.6
85 54.2	37.7 69.9



#46
Tetrachloroethene
Concen: 11.451 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt	Ion:164	Resp:	55602
Ion	Ratio	Lower	Upper
164	100		
129	89.1	66.6	123.6
131	88.0	63.7	118.3
166	123.2	88.7	164.7





#48

2-Hexanone

Concen: 36.346 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

Instrument :

MSVOA_W

ClientSampleId :

A4F44MS

Tgt Ion: 43 Resp: 84394

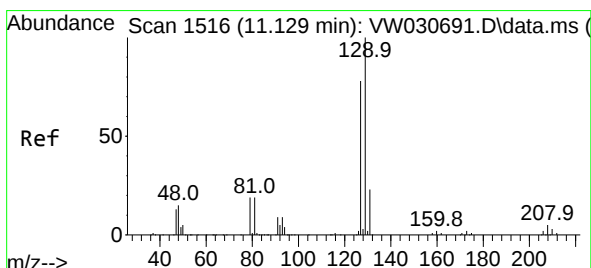
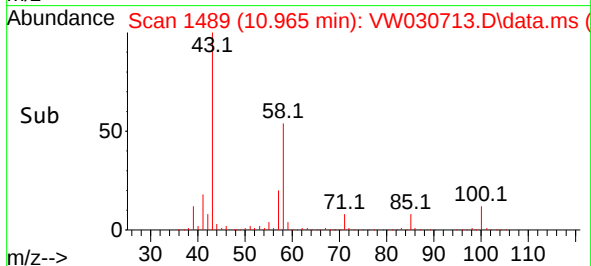
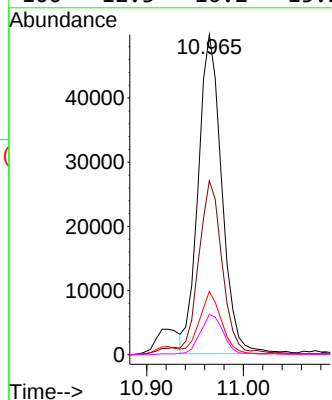
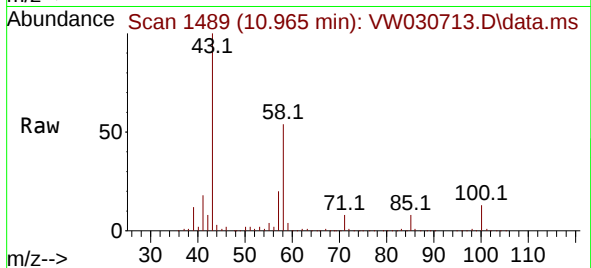
Ion Ratio Lower Upper

43 100

58 51.0 44.6 67.0

57 18.9 15.8 23.8

100 12.3 10.2 15.2



#49

Dibromochloromethane

Concen: 17.931 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030713.D

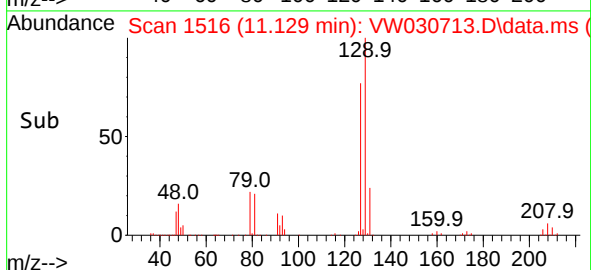
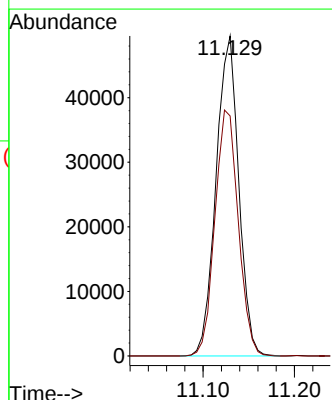
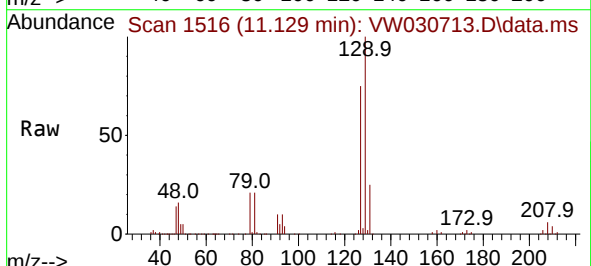
Acq: 22 Oct 2024 19:08

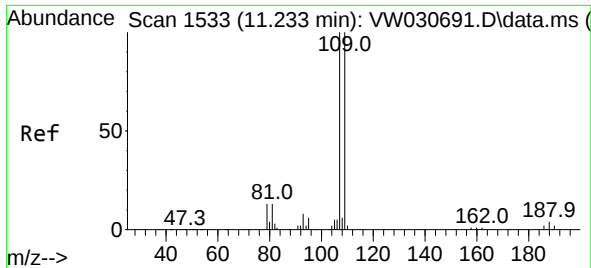
Tgt Ion:129 Resp: 85464

Ion Ratio Lower Upper

129 100

127 75.0 56.5 104.9

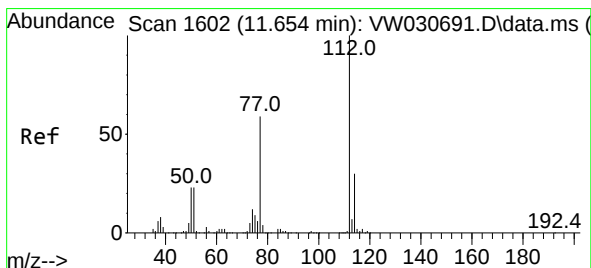
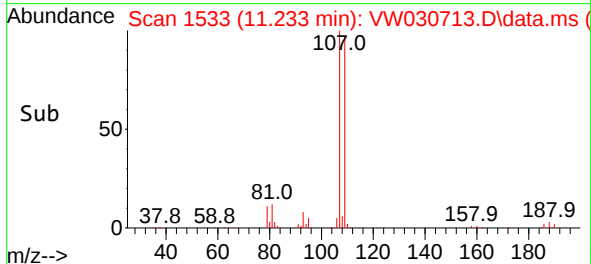
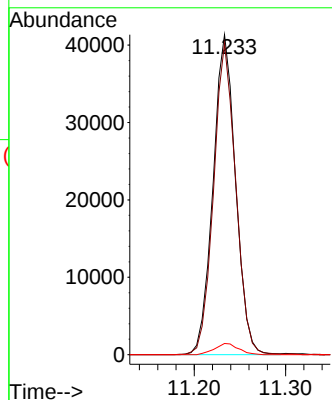
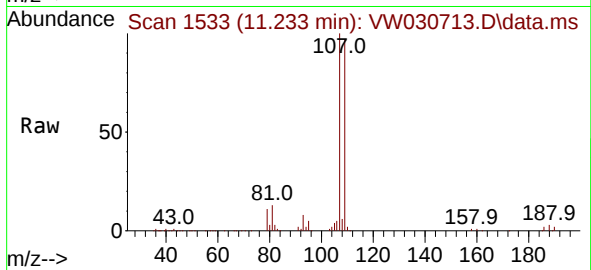




#50
1,2-Dibromoethane
Concen: 17.754 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

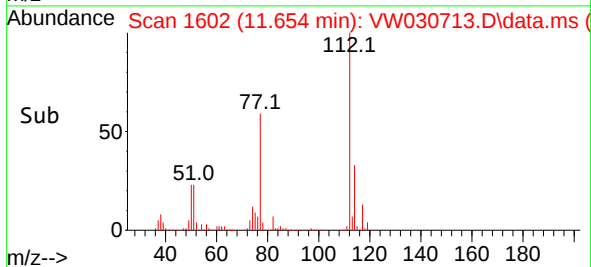
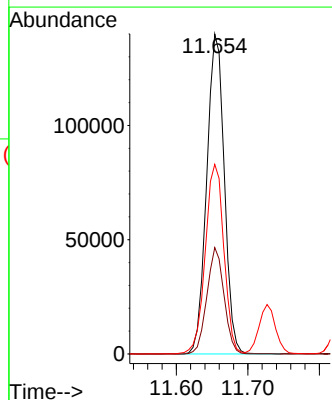
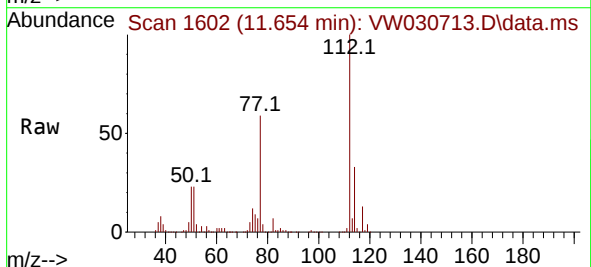
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

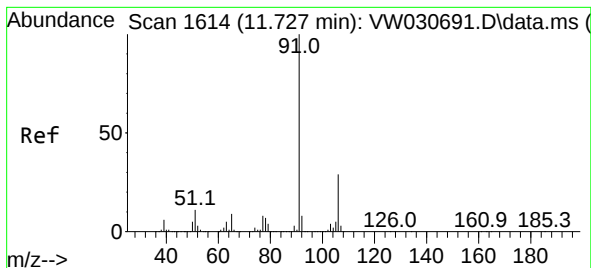
Tgt Ion:107 Resp: 70762
Ion Ratio Lower Upper
107 100
109 97.3 63.8 118.6
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 14.734 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion:112 Resp: 239460
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 59.2 47.1 70.7

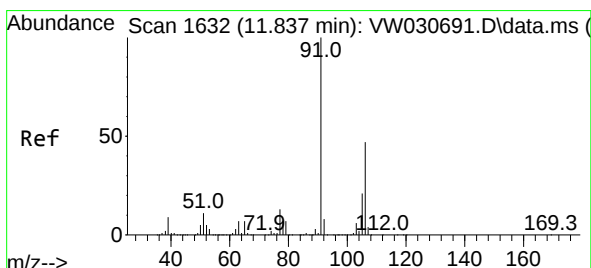
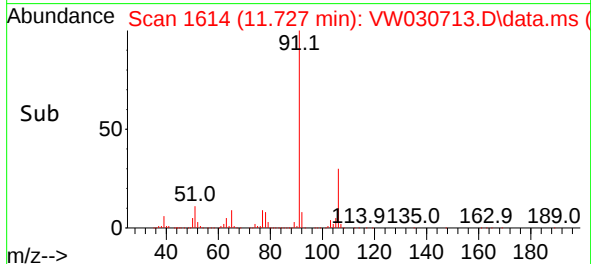
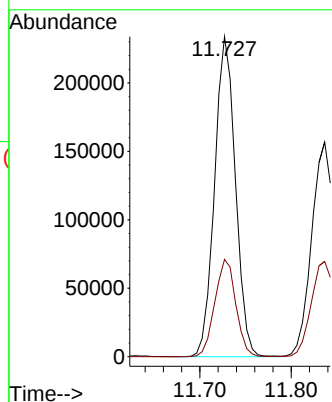
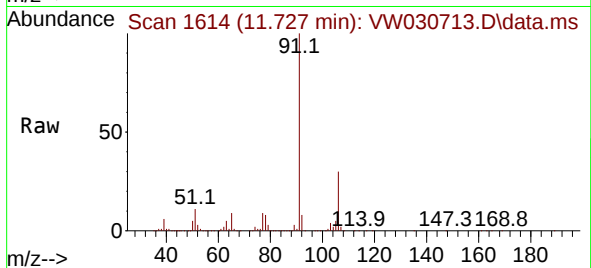




#52
Ethylbenzene
Concen: 12.847 ug/L
RT: 11.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

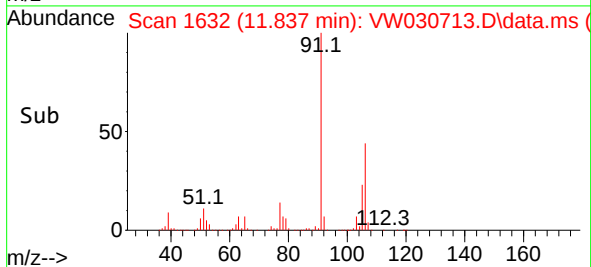
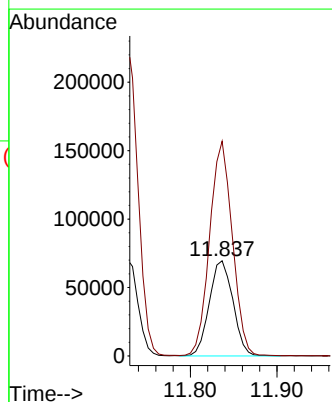
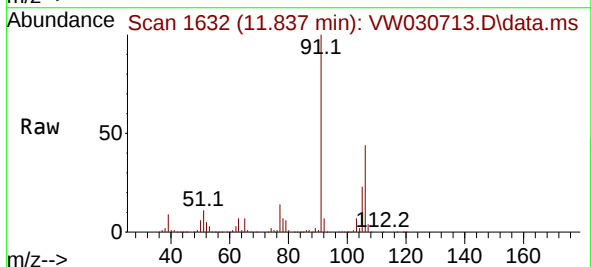
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

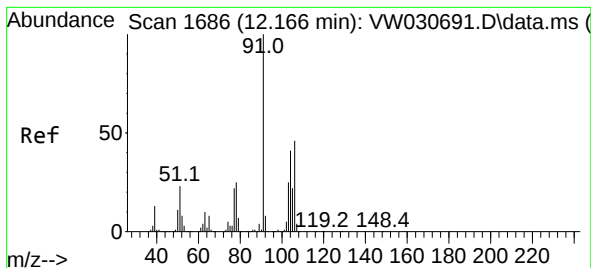
Tgt Ion: 91 Resp: 370099
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1



#53
m,p-Xylene
Concen: 12.197 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 106 Resp: 131642
Ion Ratio Lower Upper
106 100
91 225.4 140.6 261.2





#54

o-Xylene

Concen: 13.897 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

Instrument :

MSVOA_W

ClientSampleId :

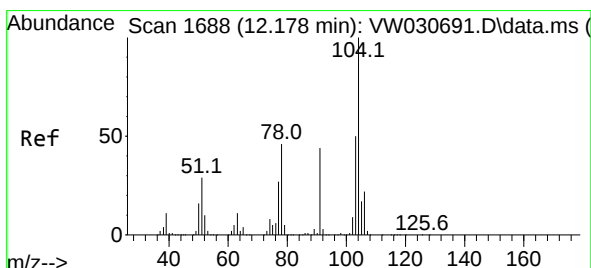
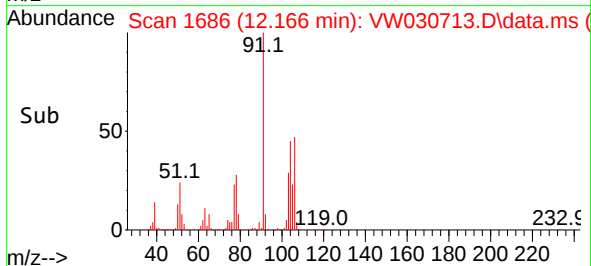
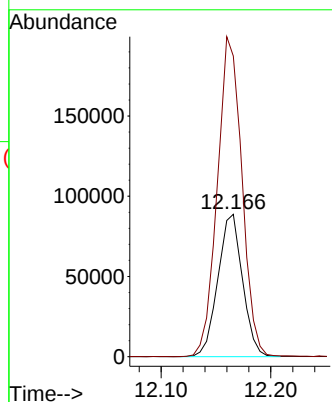
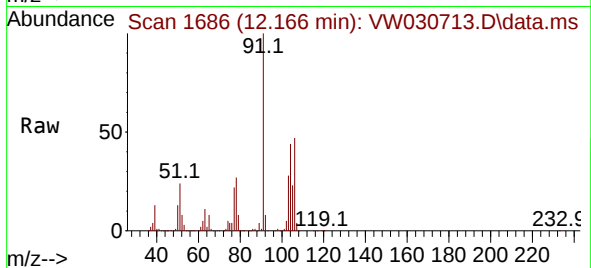
A4F44MS

Tgt Ion:106 Resp: 138659

Ion Ratio Lower Upper

106 100

91 211.0 144.5 268.4



#55

Styrene

Concen: 14.215 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030713.D

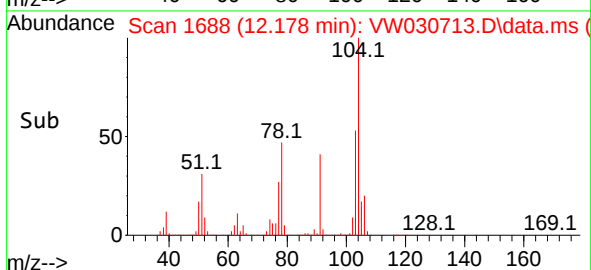
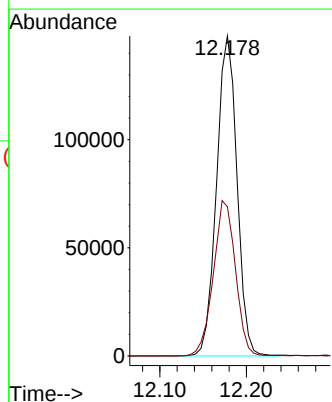
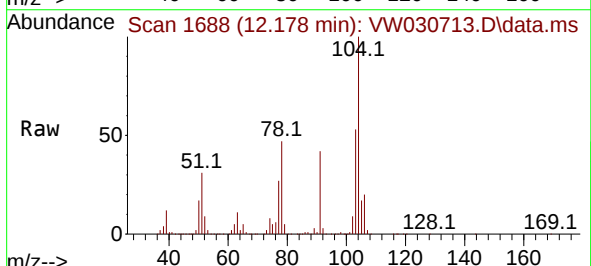
Acq: 22 Oct 2024 19:08

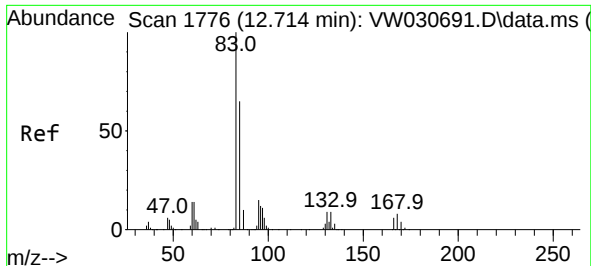
Tgt Ion:104 Resp: 242468

Ion Ratio Lower Upper

104 100

78 46.6 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 19.153 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

Instrument :

MSVOA_W

ClientSampleId :

A4F44MS

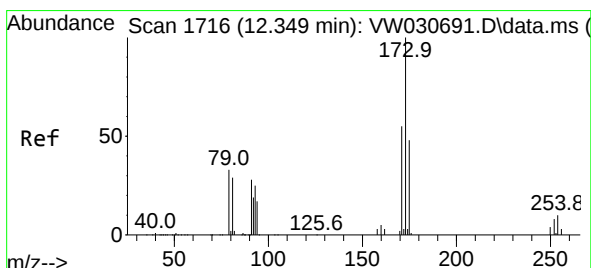
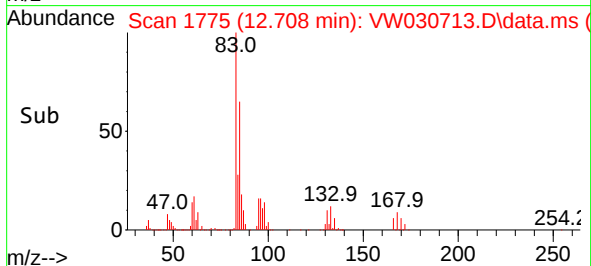
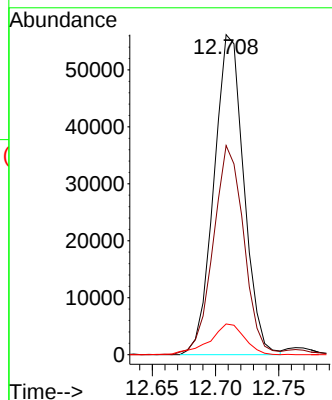
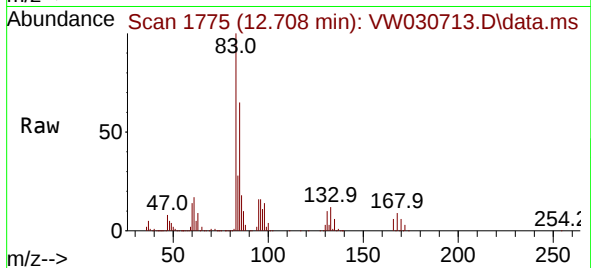
Tgt Ion: 83 Resp: 92258

Ion Ratio Lower Upper

83 100

85 65.4 42.6 79.2

131 9.6 7.4 11.0



#59

Bromoform

Concen: 19.738 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

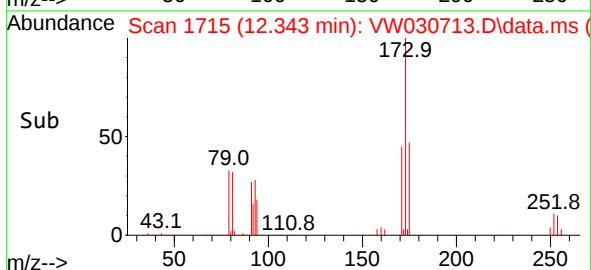
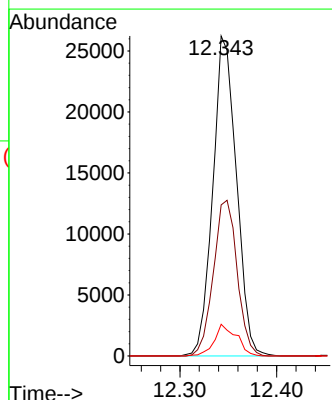
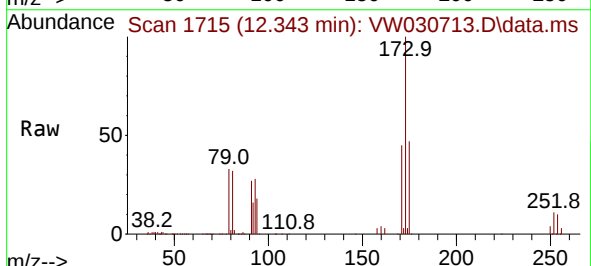
Tgt Ion: 173 Resp: 44420

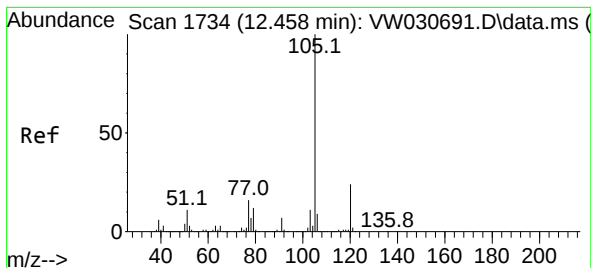
Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

254 9.3 7.7 11.5





#60

Isopropylbenzene

Concen: 12.486 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

Instrument :

MSVOA_W

ClientSampleId :

A4F44MS

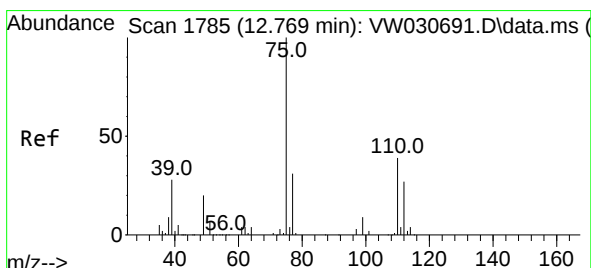
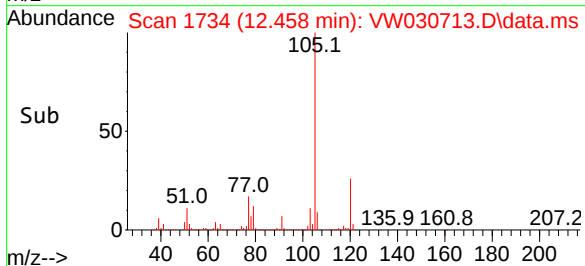
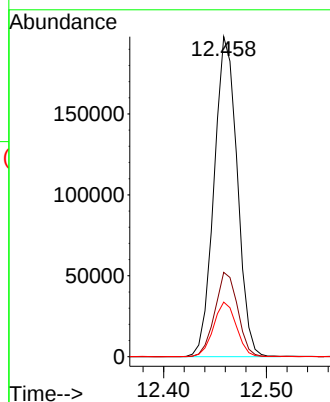
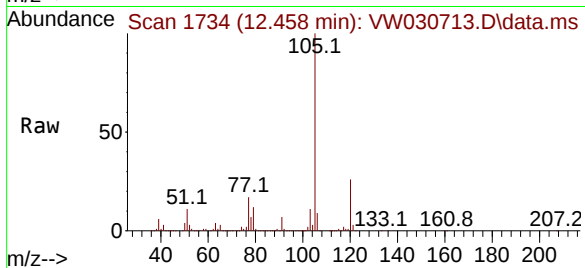
Tgt Ion:105 Resp: 309733

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 20.697 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

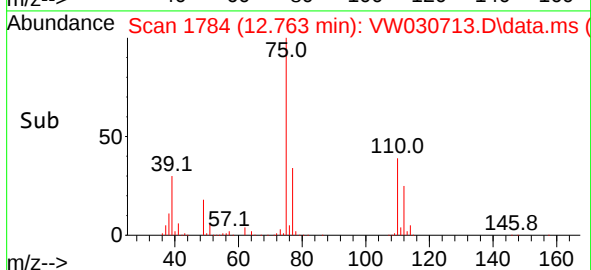
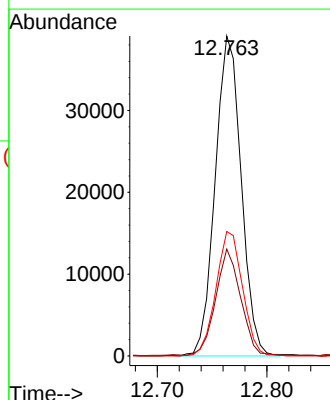
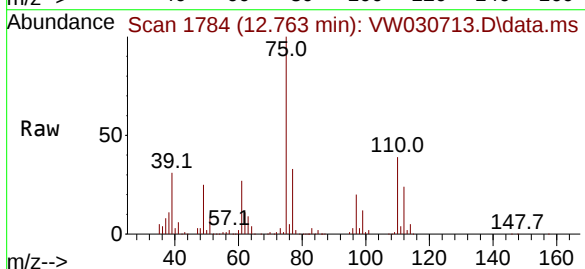
Tgt Ion: 75 Resp: 64511

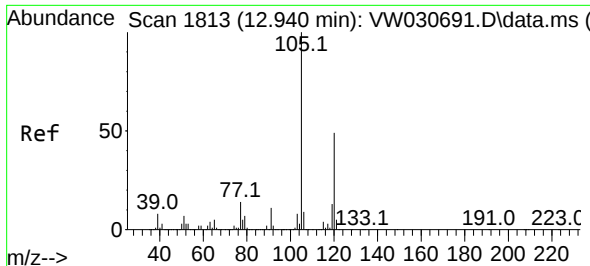
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

110 39.7 32.3 48.5

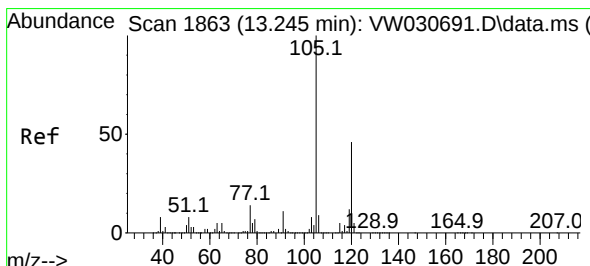
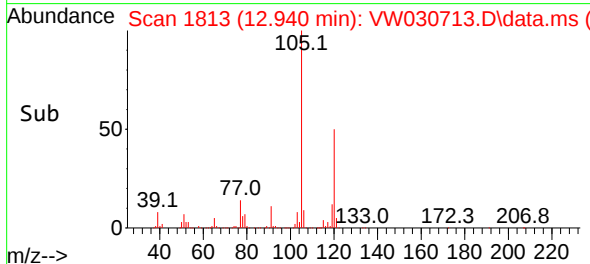
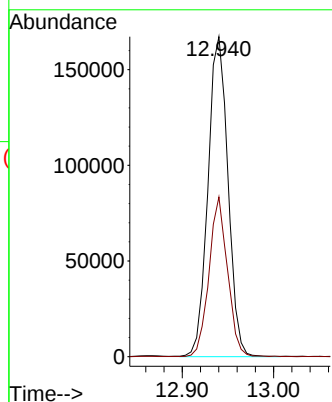
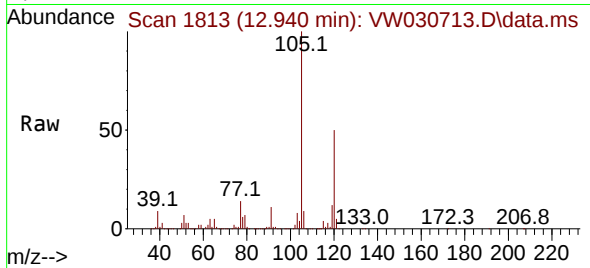




#62
 1,3,5-Trimethylbenzene
 Concen: 12.980 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

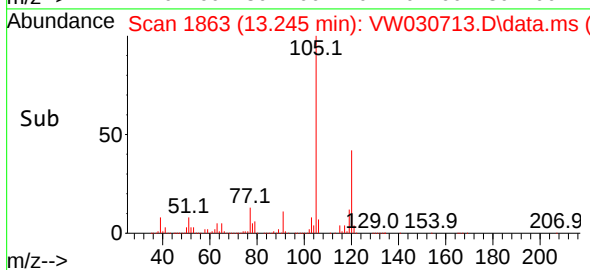
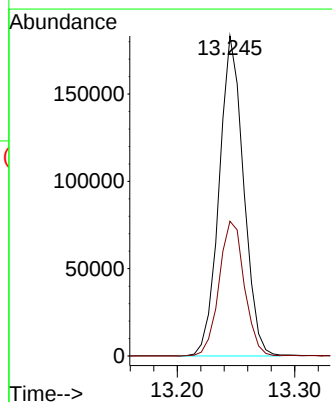
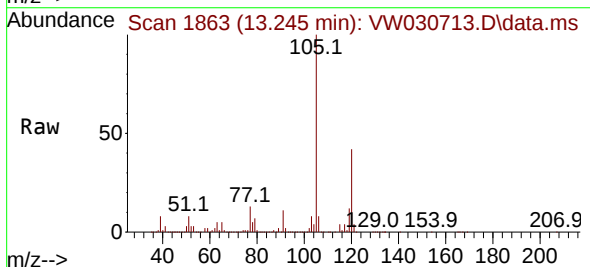
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F44MS

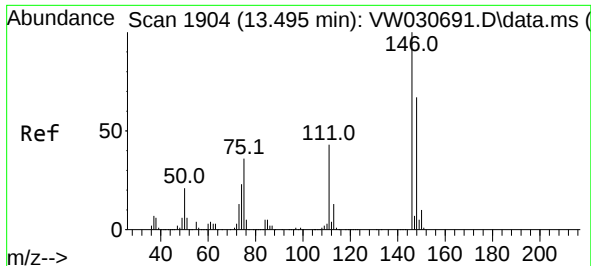
Tgt Ion:105 Resp: 254018
 Ion Ratio Lower Upper
 105 100
 120 46.1 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 13.820 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030713.D
 Acq: 22 Oct 2024 19:08

Tgt Ion:105 Resp: 264808
 Ion Ratio Lower Upper
 105 100
 120 43.5 35.8 53.6

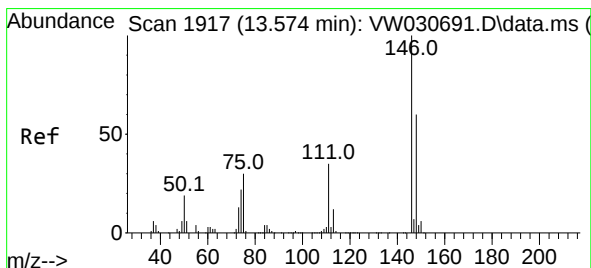
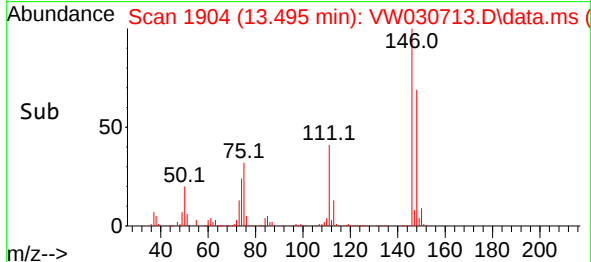
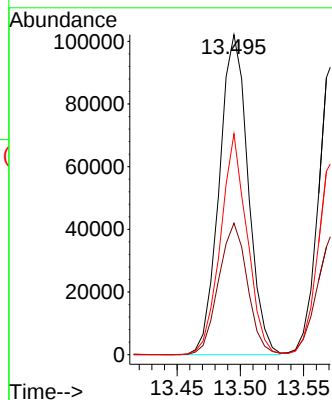
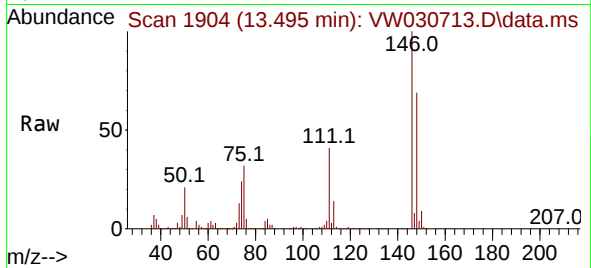




#64
1,3-Dichlorobenzene
Concen: 14.997 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

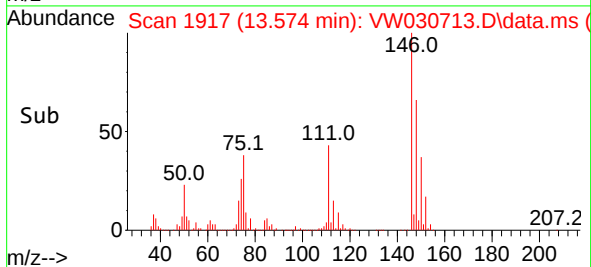
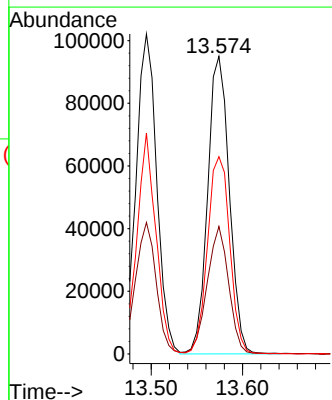
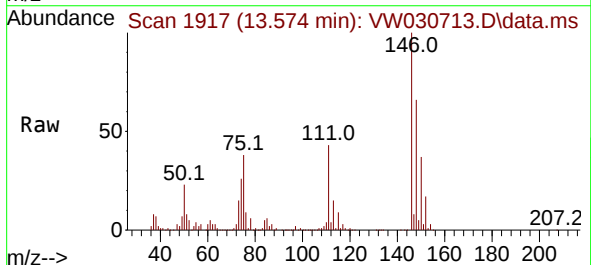
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

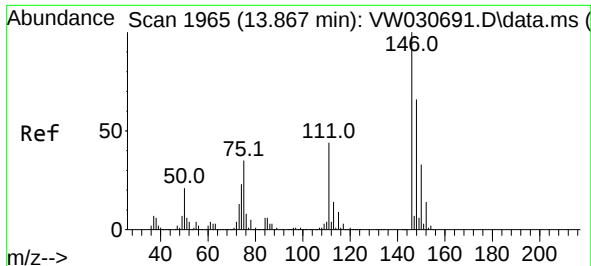
Tgt Ion:146 Resp: 161934
Ion Ratio Lower Upper
146 100
111 41.1 31.2 58.0
148 69.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 13.989 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion:146 Resp: 155964
Ion Ratio Lower Upper
146 100
111 42.9 26.8 49.8
148 66.3 41.0 76.2

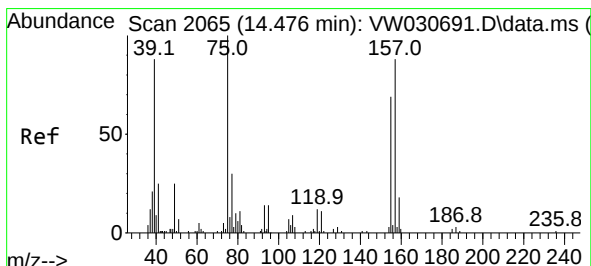
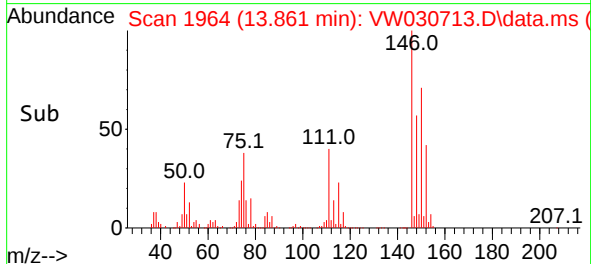
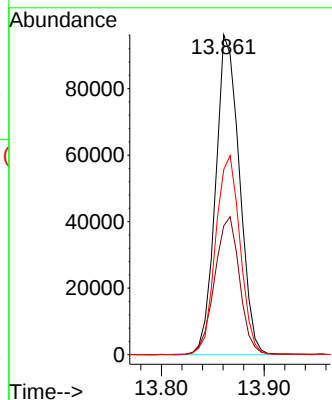
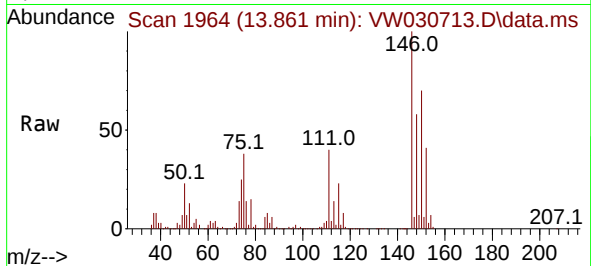




#67
1,2-Dichlorobenzene
Concen: 16.291 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

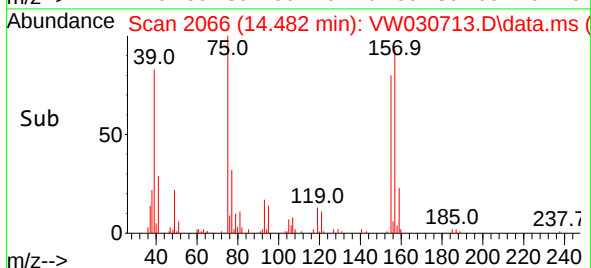
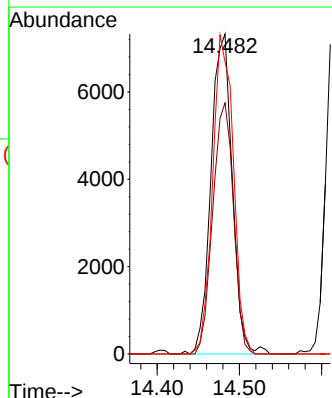
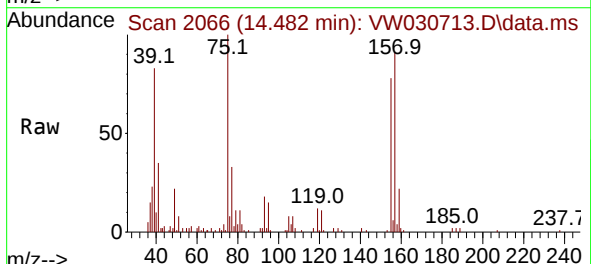
Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

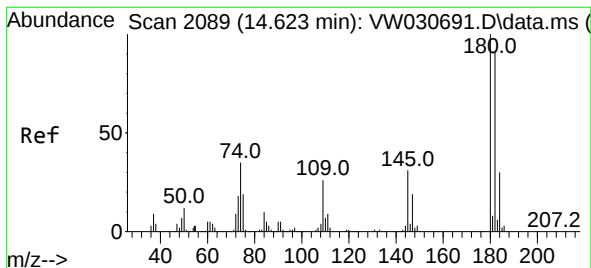
Tgt Ion:146 Resp: 154786
Ion Ratio Lower Upper
146 100
111 40.3 34.6 52.0
148 57.8 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 18.948 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion: 75 Resp: 13169
Ion Ratio Lower Upper
75 100
155 78.4 57.9 86.9
157 91.3 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 11.659 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

Instrument :

MSVOA_W

ClientSampleId :

A4F44MS

Tgt Ion:180 Resp: 83014

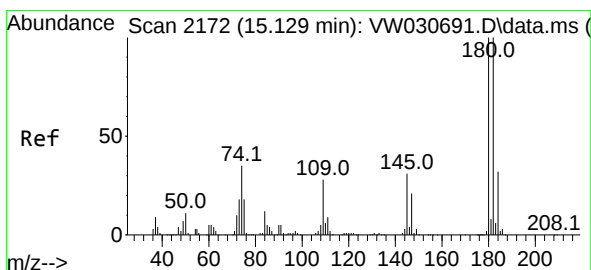
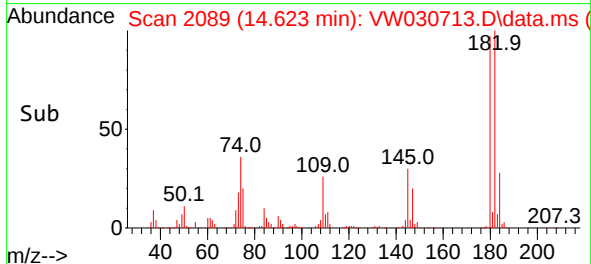
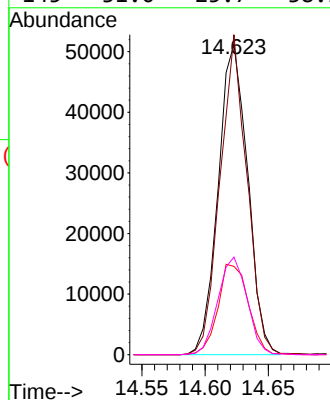
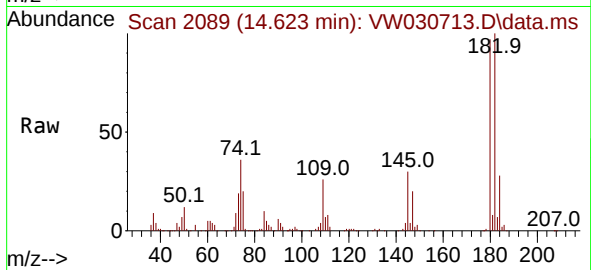
Ion Ratio Lower Upper

180 100

182 93.6 79.9 119.9

184 30.1 25.2 37.8

145 31.0 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 12.302 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030713.D

Acq: 22 Oct 2024 19:08

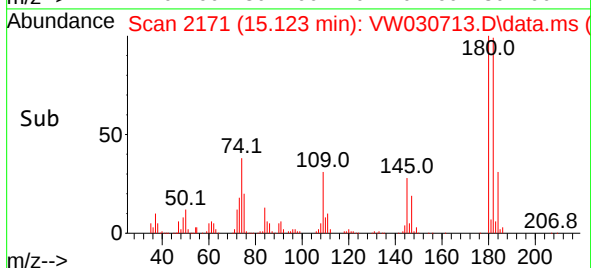
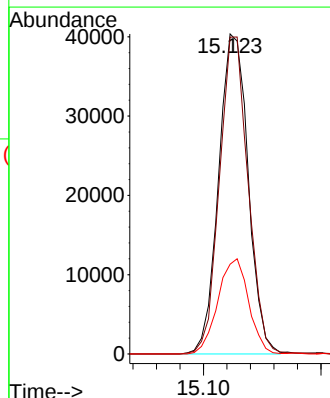
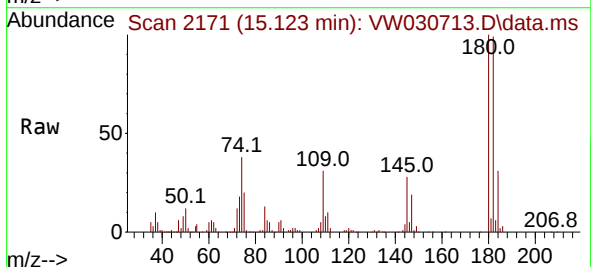
Tgt Ion:180 Resp: 70517

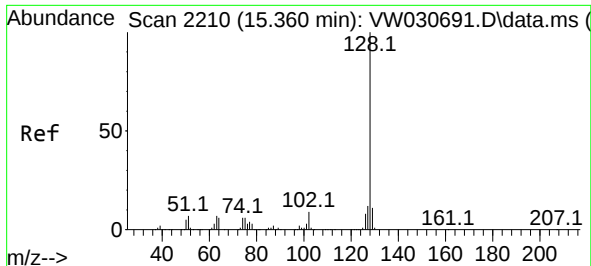
Ion Ratio Lower Upper

180 100

182 95.8 75.2 112.8

145 31.0 25.4 38.2

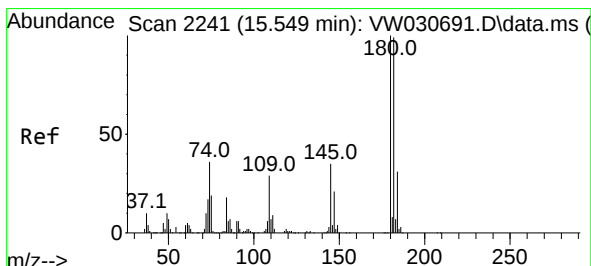
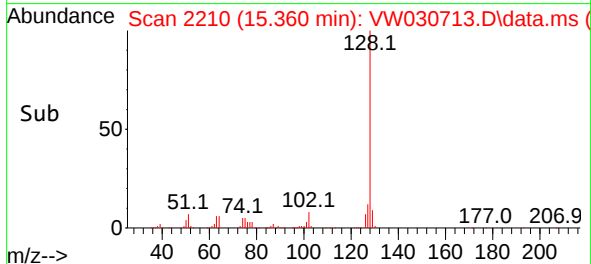
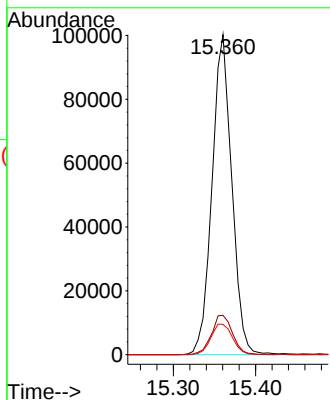
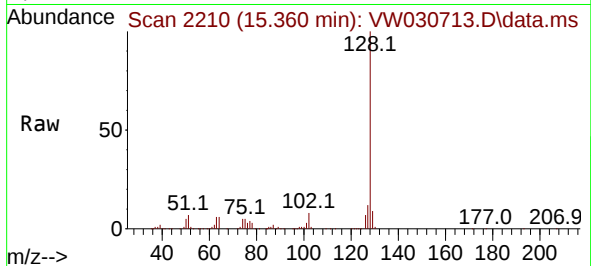




#71
Naphthalene
Concen: 16.895 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

Tgt Ion:128 Resp: 167312
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 10.5 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 12.990 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030713.D
Acq: 22 Oct 2024 19:08

Tgt Ion:180 Resp: 64551
Ion Ratio Lower Upper
180 100
182 92.7 76.2 114.4
145 32.9 27.4 41.2

