

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030717.D
 Acq On : 23 Oct 2024 09:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 01:28:59 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	251775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234902	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	62251	15.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.920%
7) Chloroethane-d5	2.899	69	65577	21.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	4.021	65	29359	17.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.360%
21) 2-Butanone-d5	7.075	46	38466	54.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.020%
24) Chloroform-d	7.648	84	176045	24.450	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	8.301	65	89221	23.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%
32) Benzene-d6	8.276	84	304072	22.303	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	9.270	67	95409	23.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.319	98	274476	22.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	10.575	79	38303	22.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.922	63	29871	57.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84026	28.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.360%
66) 1,2-Dichlorobenzene-d4	13.855	152	93475	23.232	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72763	22.620	ug/L	95
3) Chloromethane	2.223	50	94105	25.171	ug/L	98
5) Vinyl chloride	2.375	62	115693	25.163	ug/L	98
6) Bromomethane	2.790	94	78561	25.960	ug/L	90
8) Chloroethane	2.936	64	78240	27.837	ug/L	99
9) Trichlorofluoromethane	3.259	101	95760	23.277	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	94769	25.604	ug/L	96
12) 1,1-Dichloroethene	4.039	96	81239	24.050	ug/L	92
13) Acetone	4.119	43	54268	52.046	ug/L	96
14) Carbon disulfide	4.387	76	240735	21.824	ug/L	98
15) Methyl Acetate	4.667	43	35623	27.658	ug/L	97
16) Methylene chloride	4.917	84	94294	24.773	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	93950	25.775	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	133610	26.191	ug/L	100
19) 1,1-Dichloroethane	6.216	63	189142	27.920	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	106180	27.311	ug/L	99
22) 2-Butanone	7.173	43	56885	50.612	ug/L	99
23) Bromochloromethane	7.514	128	45440	26.717	ug/L	# 83
25) Chloroform	7.673	83	204594	28.261	ug/L	98

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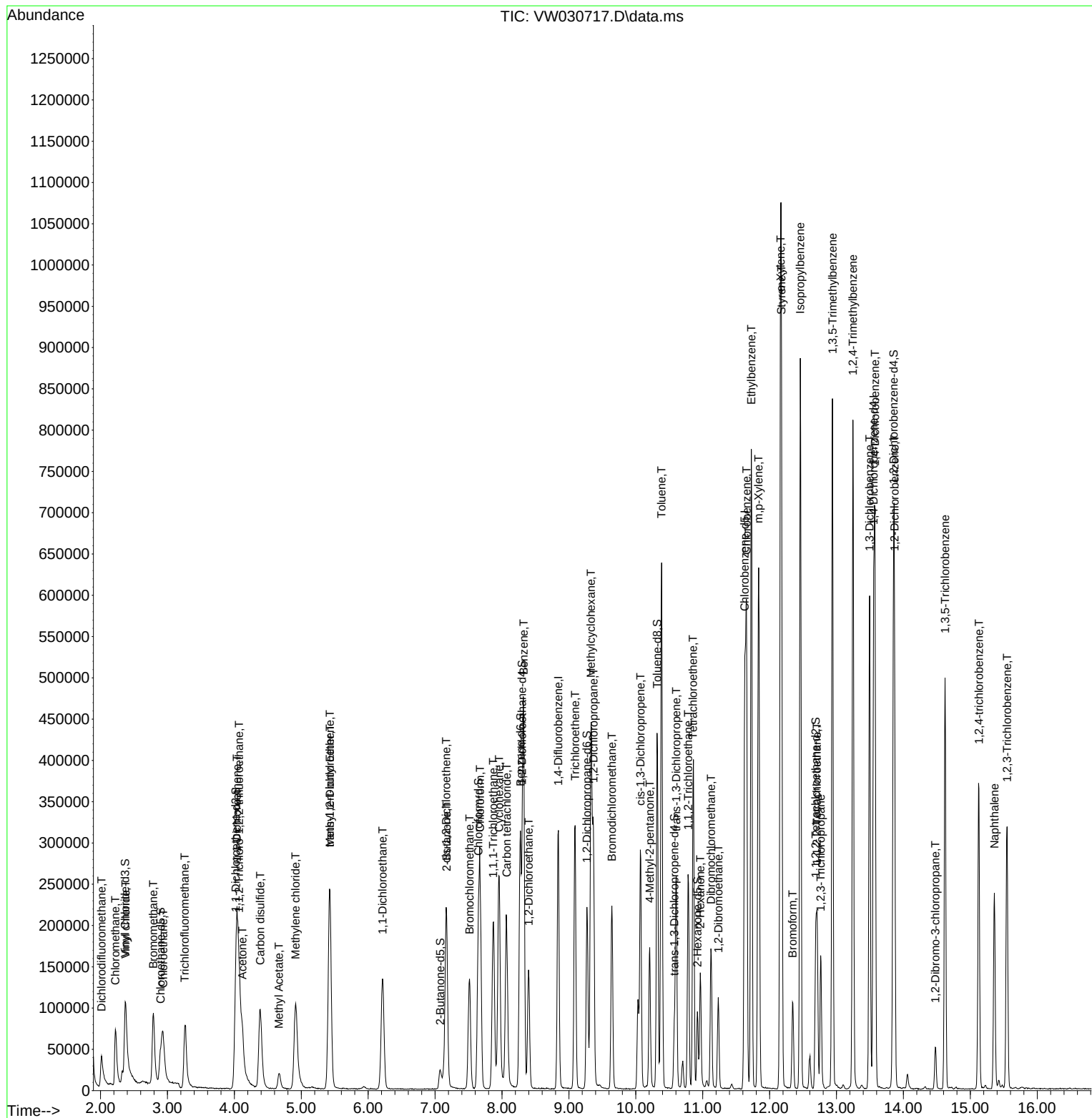
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130540	27.332	ug/L	99
29) Cyclohexane	7.959	56	143693	25.130	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	164396	26.364	ug/L	99
31) Carbon tetrachloride	8.069	117	147140	26.419	ug/L	96
33) Benzene	8.325	78	413143	27.027	ug/L	100
34) Trichloroethene	9.093	95	108809	25.585	ug/L	96
35) Methylcyclohexane	9.331	83	171108	25.566	ug/L	98
37) 1,2-Dichloropropane	9.368	63	109820	28.765	ug/L	100
38) Bromodichloromethane	9.642	83	145107	28.567	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	158557	27.533	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	106681	58.165	ug/L	99
42) Toluene	10.386	91	450169	27.604	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	134250	27.742	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	77493	28.085	ug/L	99
46) Tetrachloroethene	10.855	164	81634	26.026	ug/L	95
48) 2-Hexanone	10.965	43	83994	55.999	ug/L	98
49) Dibromochloromethane	11.123	129	84030	27.293	ug/L	100
50) 1,2-Dibromoethane	11.233	107	69140	26.854	ug/L	92
51) Chlorobenzene	11.654	112	279092	26.585	ug/L	97
52) Ethylbenzene	11.727	91	531498	28.562	ug/L	99
53) m,p-Xylene	11.837	106	196216	28.145	ug/L	100
54) o-Xylene	12.166	106	180854	28.060	ug/L	96
55) Styrene	12.178	104	323093	29.323	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	90677	29.142	ug/L	96
59) Bromoform	12.343	173	45927	27.489	ug/L	98
60) Isopropylbenzene	12.459	105	529427	28.749	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62909	27.187	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	418993	28.840	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	412486	28.998	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	214514	26.762	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	226320	27.344	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	185539	26.304	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13562	26.286	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	138456	26.194	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	105594	24.815	ug/L	95
71) Naphthalene	15.360	128	191830	26.093	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99535	26.982	ug/L	96

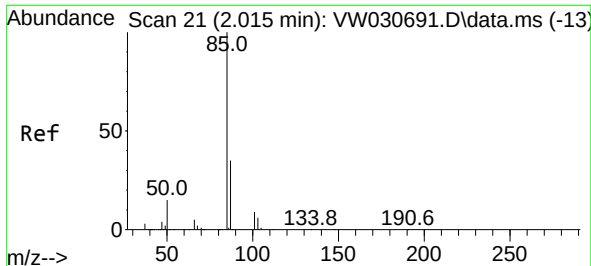
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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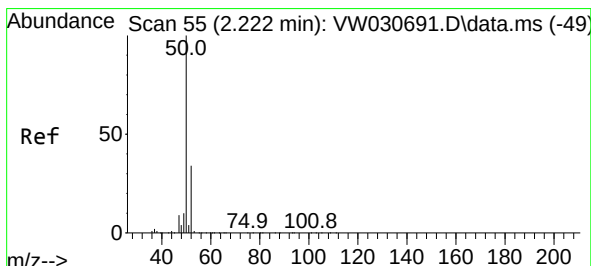
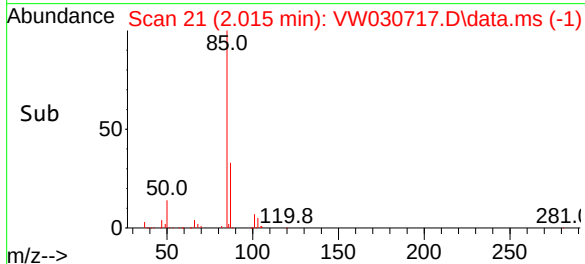
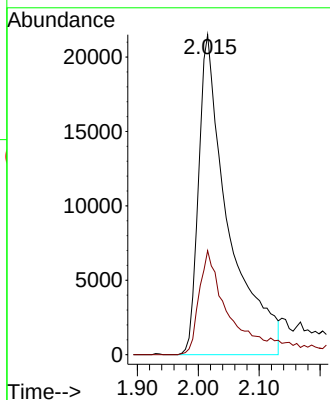
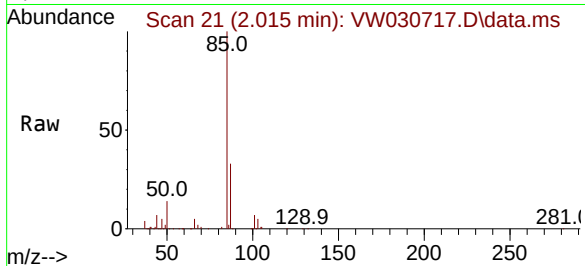




#2
 Dichlorodifluoromethane
 Concen: 22.620 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030717.D
 Acq: 23 Oct 2024 09:53

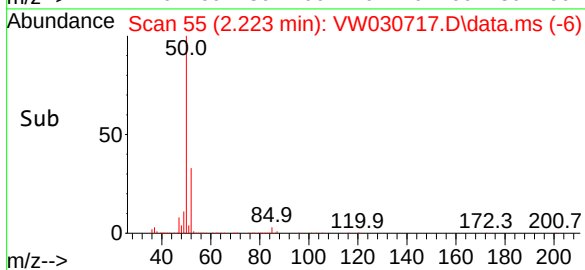
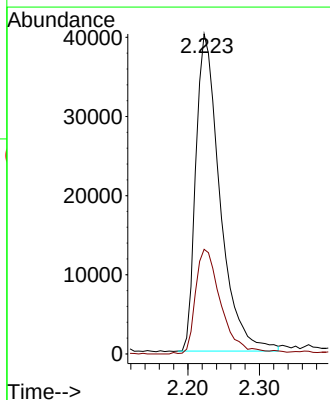
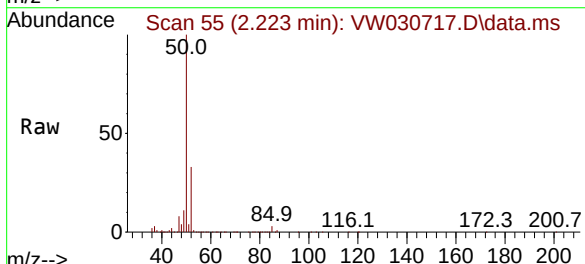
Instrument :
 MSVOA_W
 ClientSampleId :

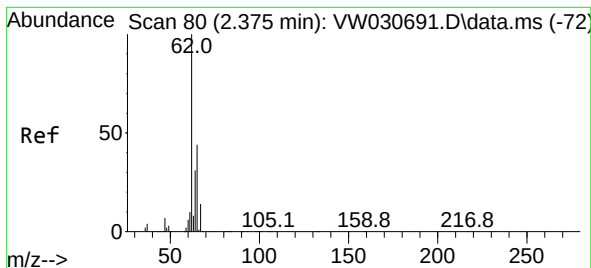
Tgt Ion: 85 Resp: 72763
 Ion Ratio Lower Upper
 85 100
 87 27.1 23.8 35.6



#3
 Chloromethane
 Concen: 25.171 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030717.D
 Acq: 23 Oct 2024 09:53

Tgt Ion: 50 Resp: 94105
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9





#5

Vinyl chloride

Concen: 25.163 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

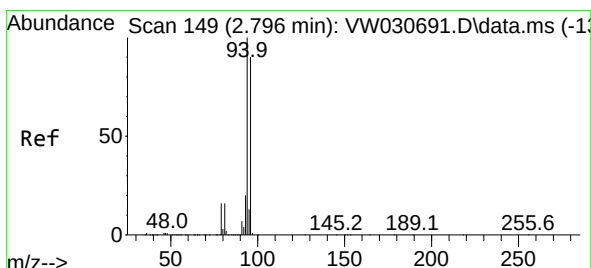
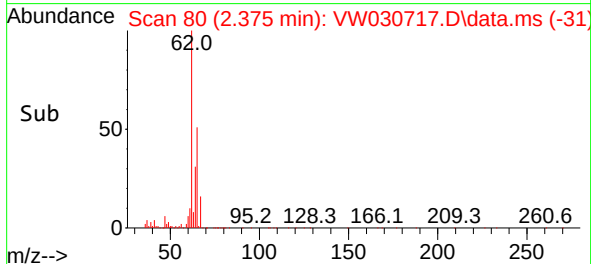
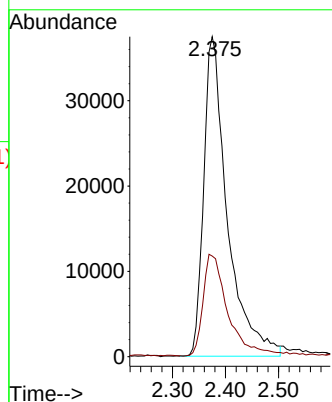
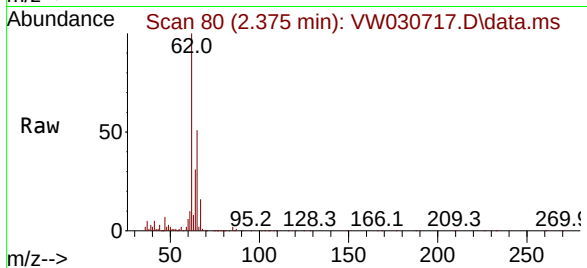
ClientSampleId :

Tgt Ion: 62 Resp: 115693

Ion Ratio Lower Upper

62 100

64 31.4 22.6 42.0



#6

Bromomethane

Concen: 25.960 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030717.D

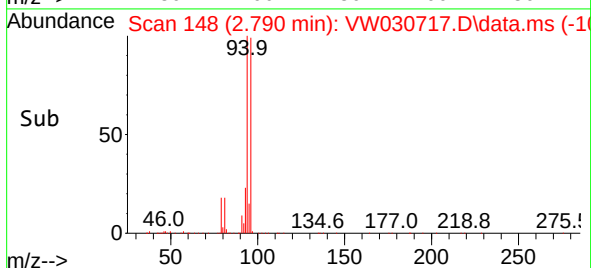
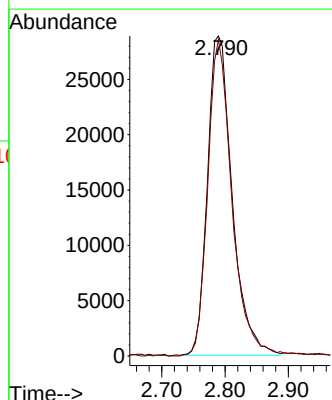
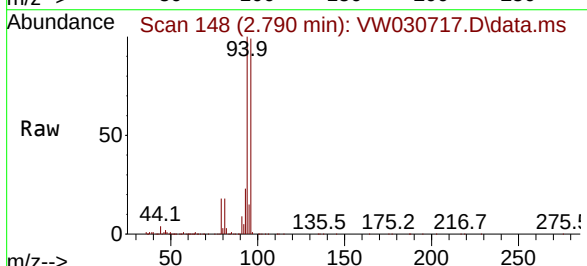
Acq: 23 Oct 2024 09:53

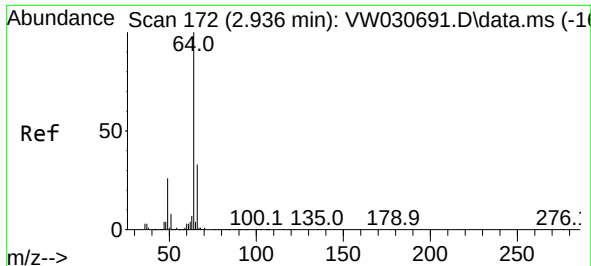
Tgt Ion: 94 Resp: 78561

Ion Ratio Lower Upper

94 100

96 98.9 62.6 116.2

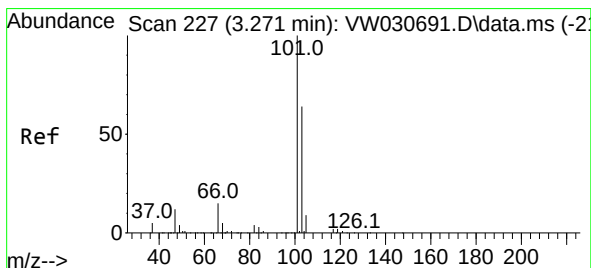
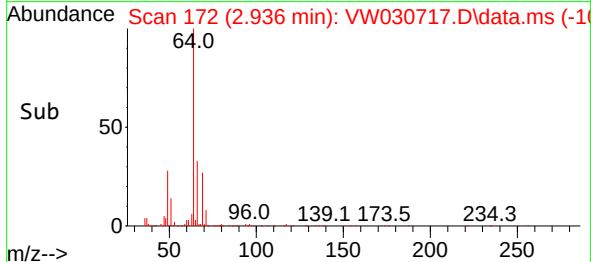
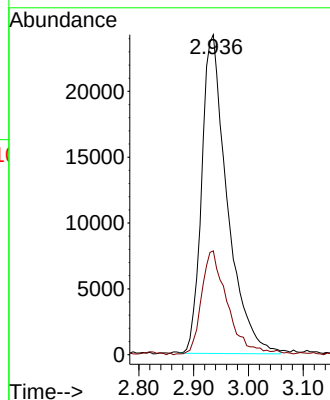
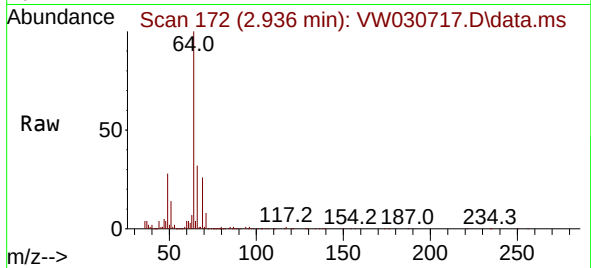




#8
Chloroethane
Concen: 27.837 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

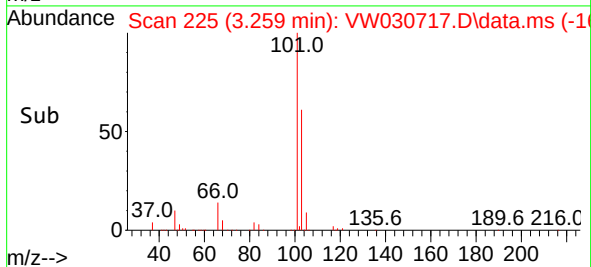
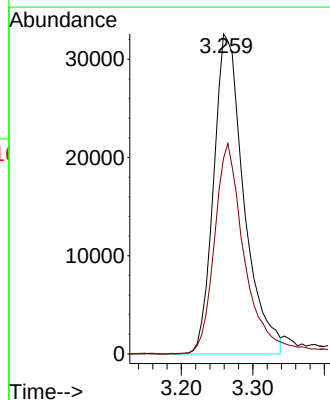
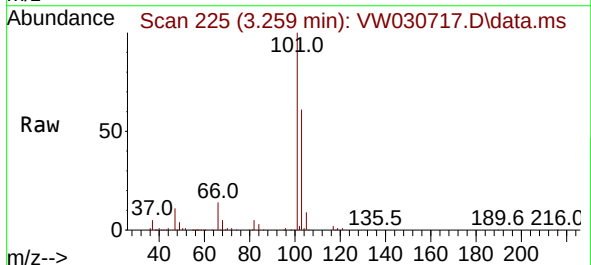
Instrument :
MSVOA_W
ClientSampleId :

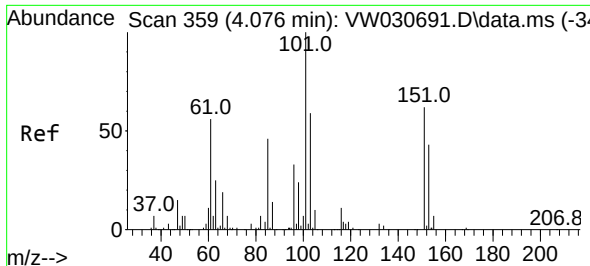
Tgt Ion: 64 Resp: 78240
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.277 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion:101 Resp: 95760
Ion Ratio Lower Upper
101 100
103 65.4 51.1 76.7

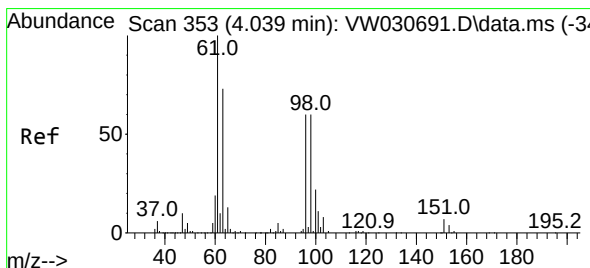
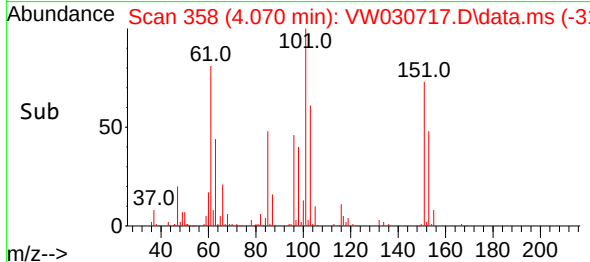
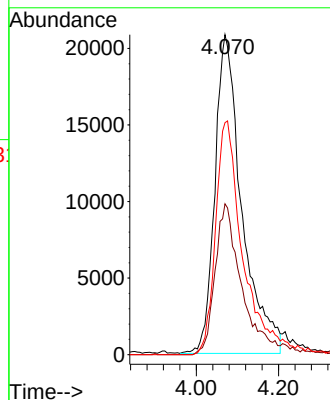
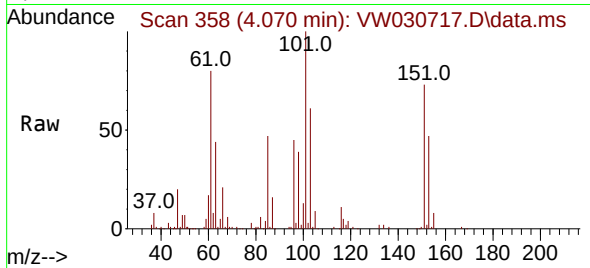




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.604 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030717.D
 Acq: 23 Oct 2024 09:53

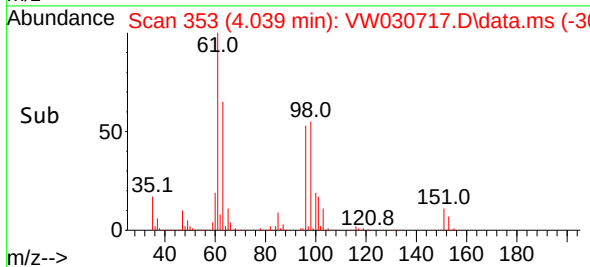
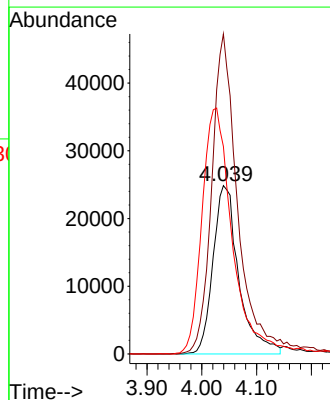
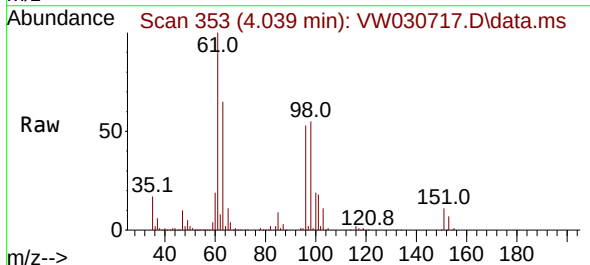
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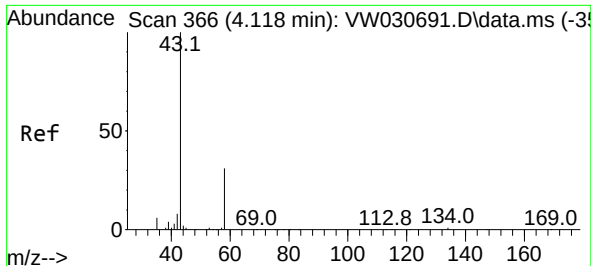
Tgt Ion:101	Resp:	94769
Ion	Ratio	Lower Upper
101	100	
85	42.7	35.7 53.5
151	65.8	56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 24.050 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW030717.D
 Acq: 23 Oct 2024 09:53

Tgt Ion: 96	Resp:	81239
Ion	Ratio	Lower Upper
96	100	
61	190.2	121.3 225.3
63	123.4	87.6 162.8

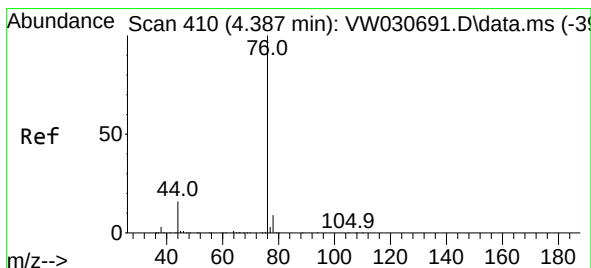
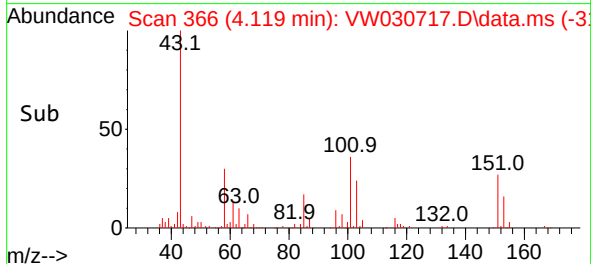
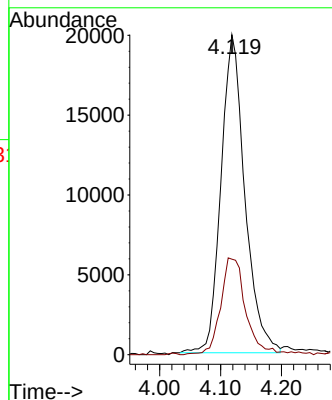
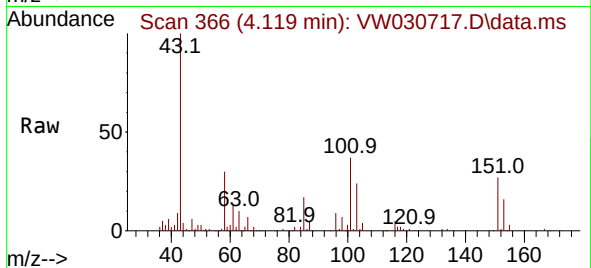




#13
Acetone
Concen: 52.046 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

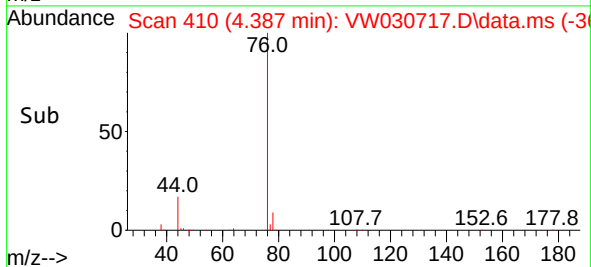
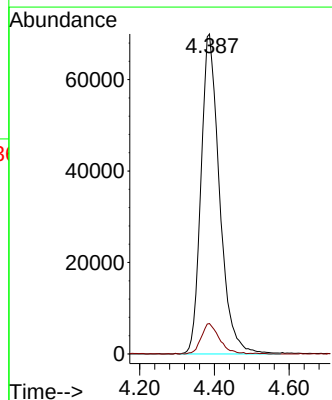
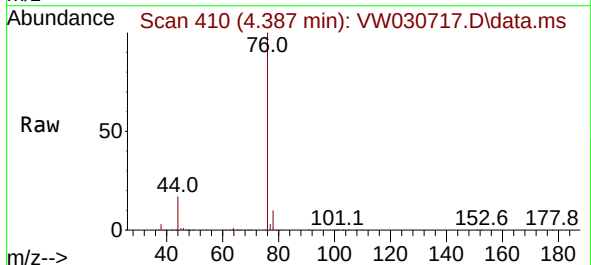
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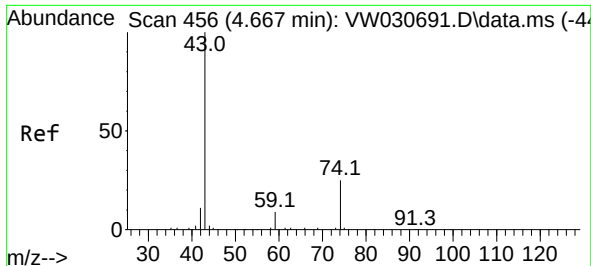
Tgt Ion: 43 Resp: 54268
Ion Ratio Lower Upper
43 100
58 31.1 0.0 57.6



#14
Carbon disulfide
Concen: 21.824 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 240735
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

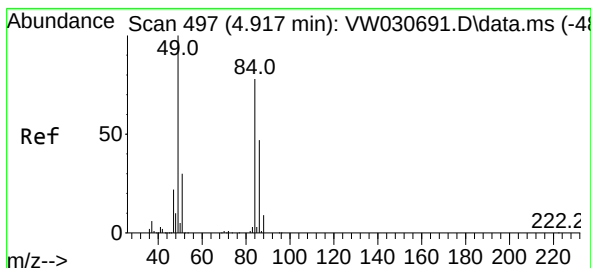
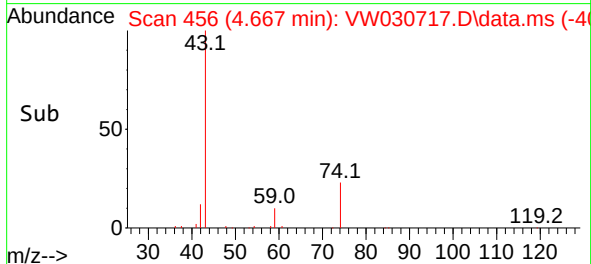
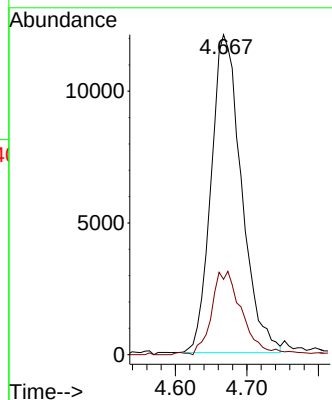
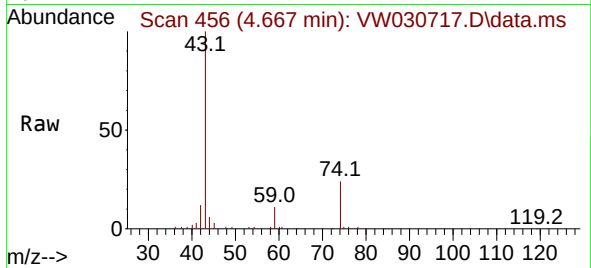




#15
Methyl Acetate
Concen: 27.658 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

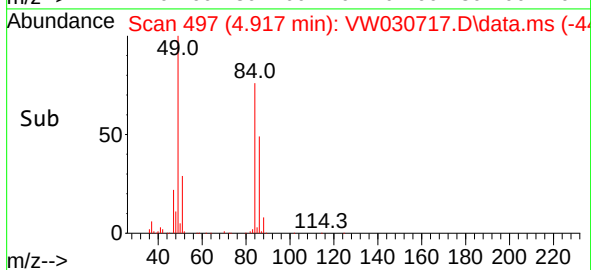
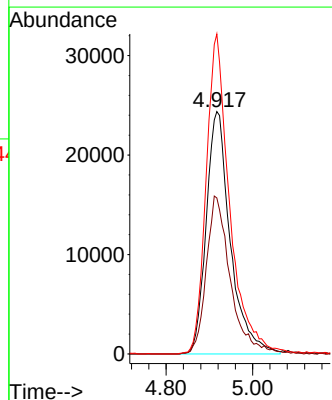
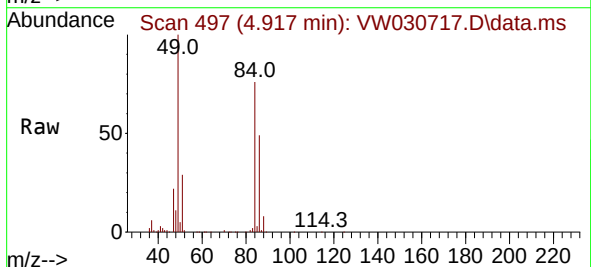
Instrument :
MSVOA_W
ClientSampleId :

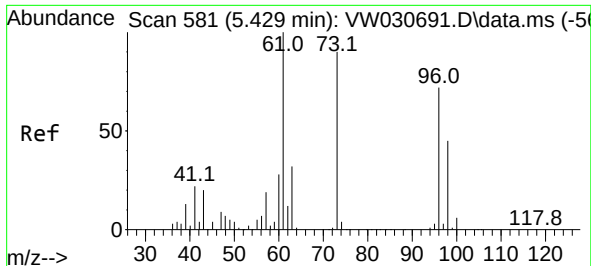
Tgt Ion: 43 Resp: 35623
Ion Ratio Lower Upper
43 100
74 25.4 19.3 28.9



#16
Methylene chloride
Concen: 24.773 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion: 84 Resp: 94294
Ion Ratio Lower Upper
84 100
86 64.4 43.8 81.3
49 132.0 88.3 164.1

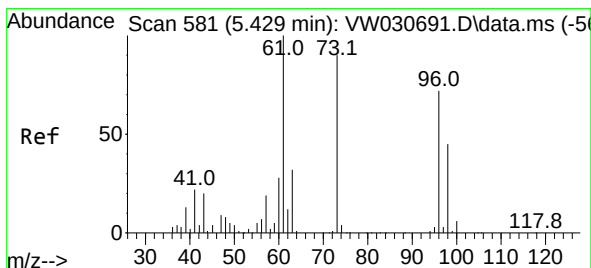
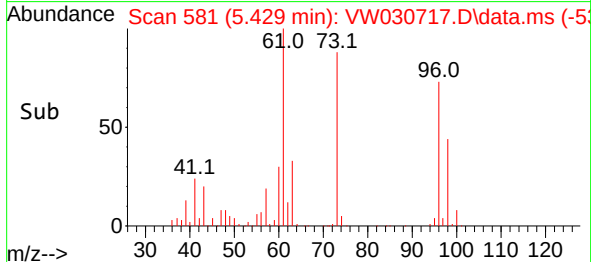
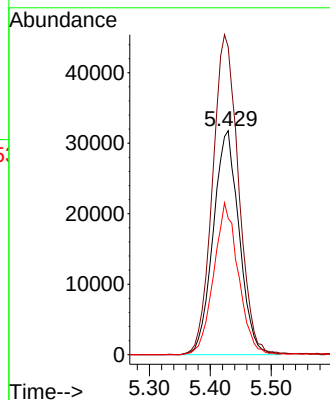
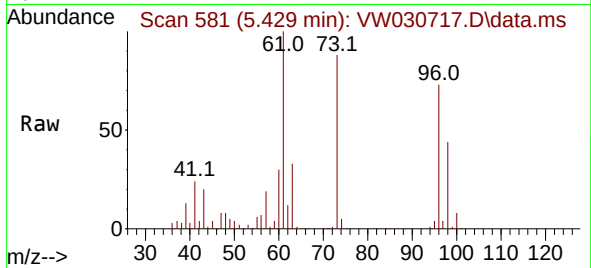




#17
trans-1,2-Dichloroethene
Concen: 25.775 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

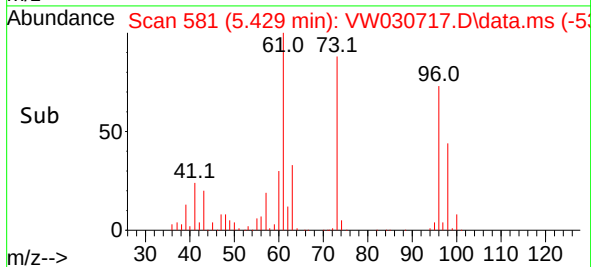
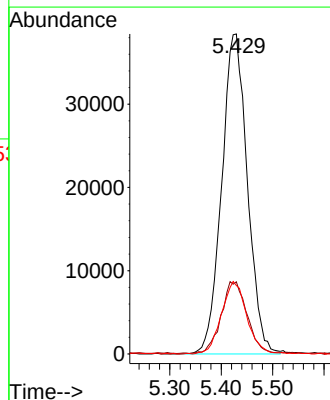
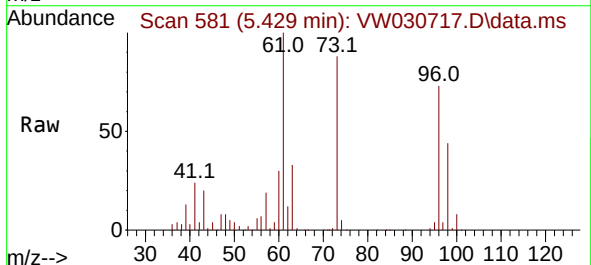
Instrument :
MSVOA_W
ClientSampleId :

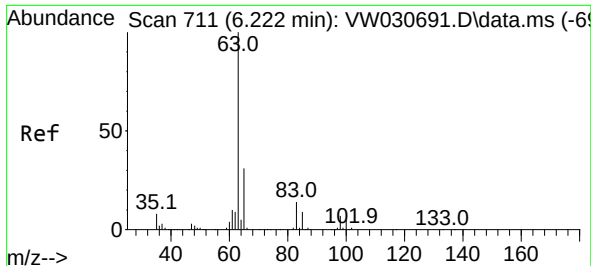
Tgt Ion: 96 Resp: 93950
Ion Ratio Lower Upper
96 100
61 137.3 96.9 179.9
98 60.8 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 26.191 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion: 73 Resp: 133610
Ion Ratio Lower Upper
73 100
43 22.5 18.1 27.1
57 22.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 27.920 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :

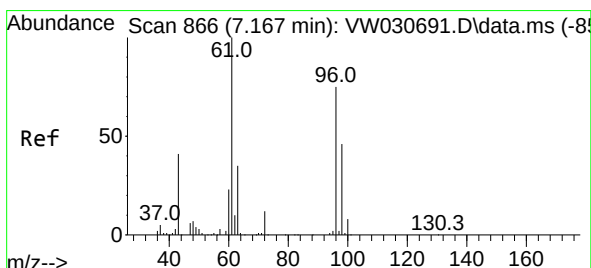
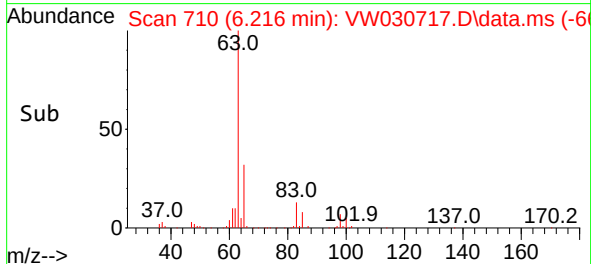
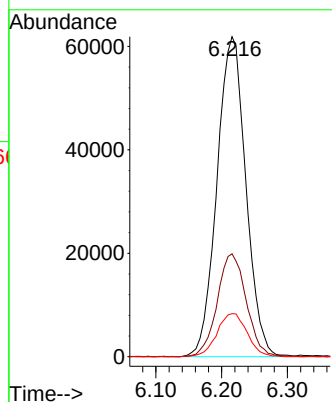
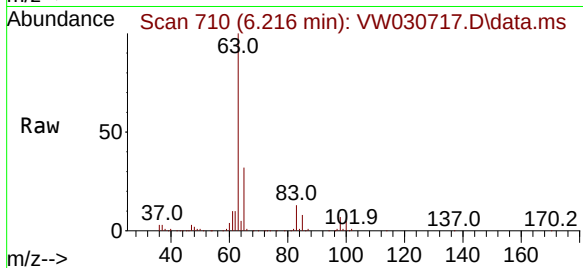
Tgt Ion: 63 Resp: 189142

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.9

83 13.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 27.311 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

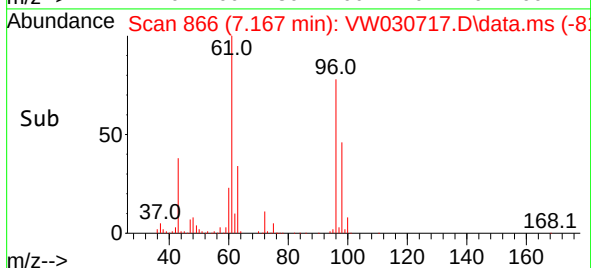
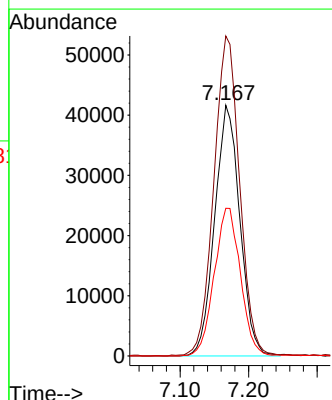
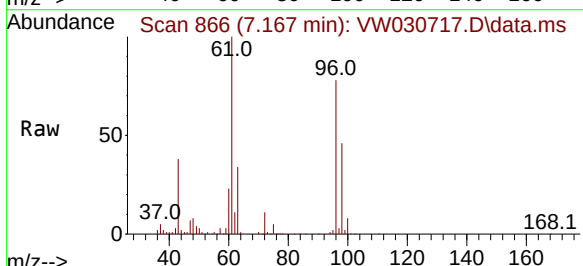
Tgt Ion: 96 Resp: 106180

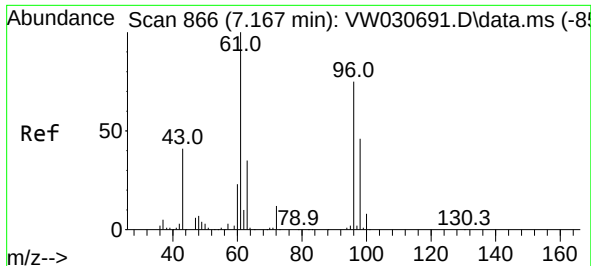
Ion Ratio Lower Upper

96 100

61 127.7 88.3 163.9

98 58.9 41.3 76.7

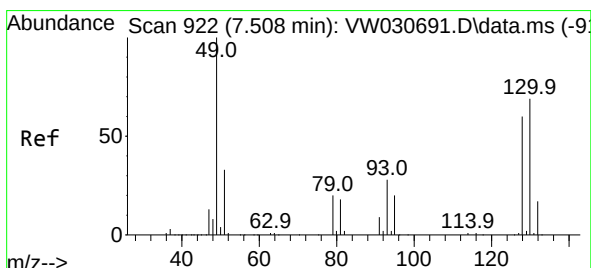
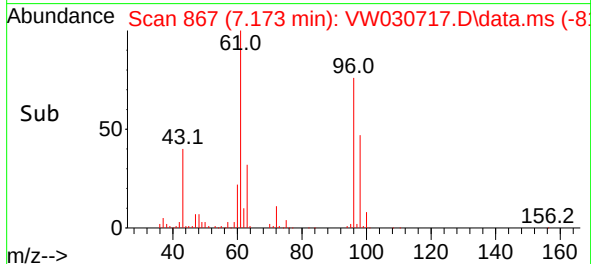
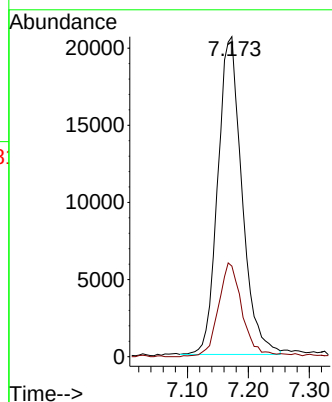
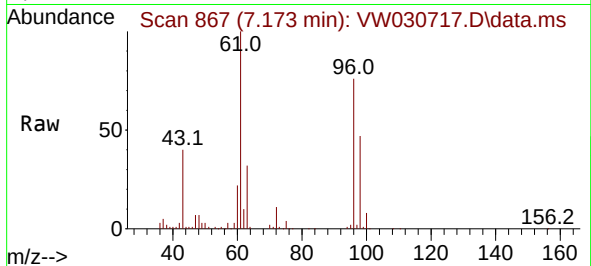




#22
2-Butanone
Concen: 50.612 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

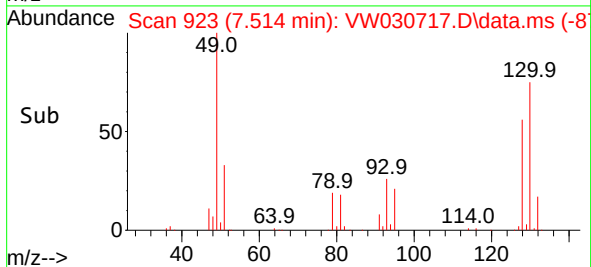
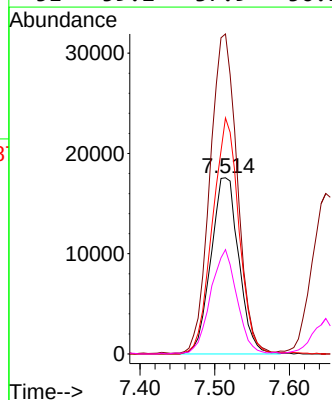
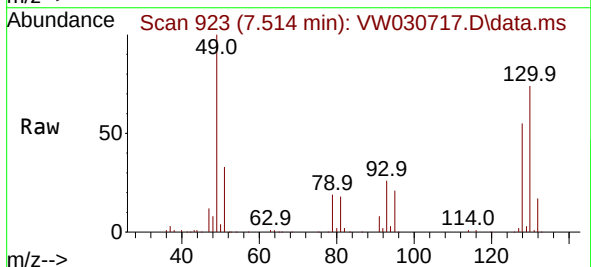
Instrument :
MSVOA_W
ClientSampleId :

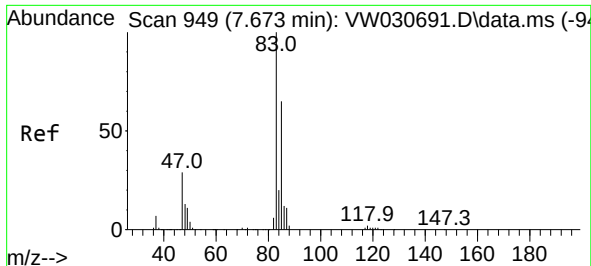
Tgt Ion: 43 Resp: 56885
Ion Ratio Lower Upper
43 100
72 28.2 14.4 43.0



#23
Bromochloromethane
Concen: 26.717 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion: 128 Resp: 45440
Ion Ratio Lower Upper
128 100
49 181.7 110.1 204.5
130 134.0 82.9 153.9
51 59.2 37.9 56.9#

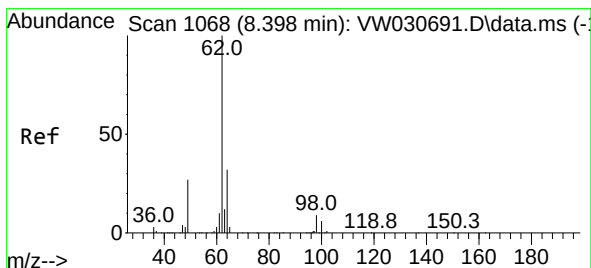
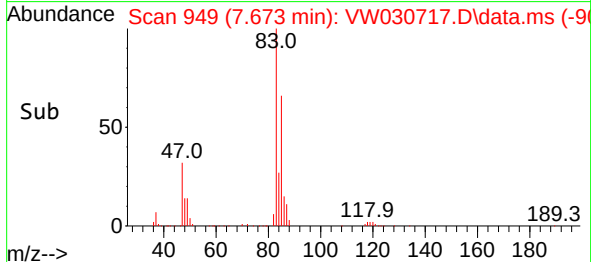
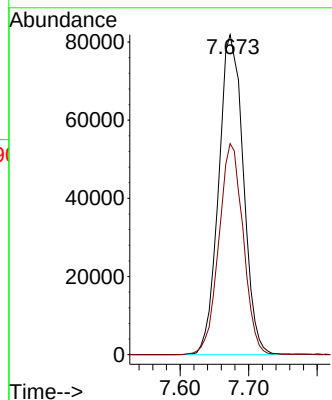
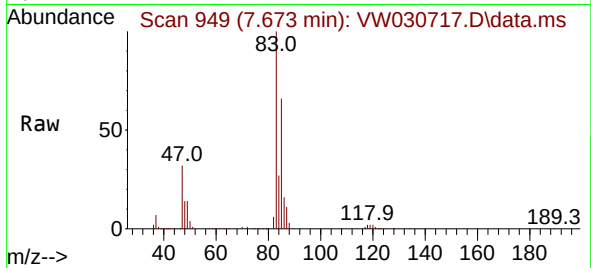




#25
Chloroform
Concen: 28.261 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

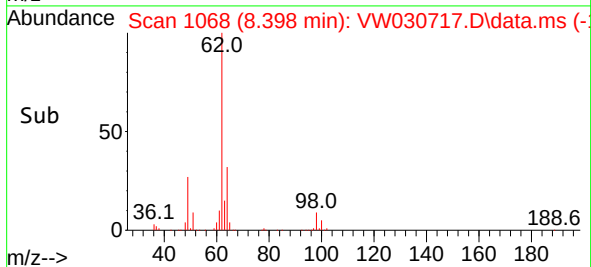
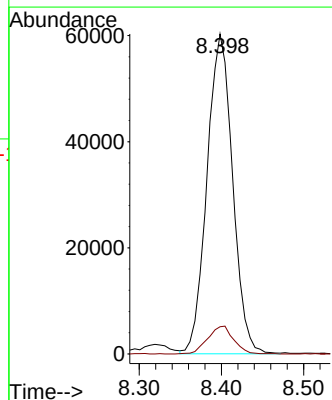
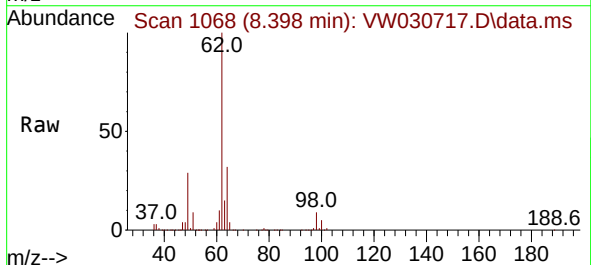
Instrument :
MSVOA_W
ClientSampleId :

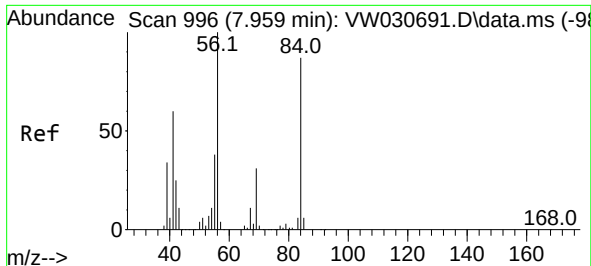
Tgt Ion: 83 Resp: 204594
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.332 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

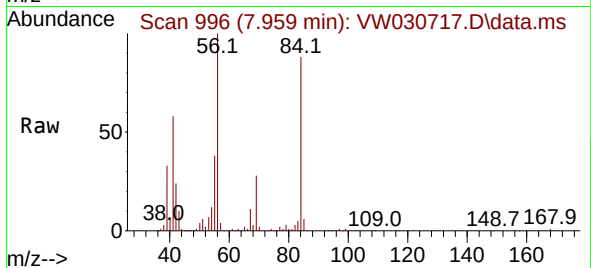
Tgt Ion: 62 Resp: 130540
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6



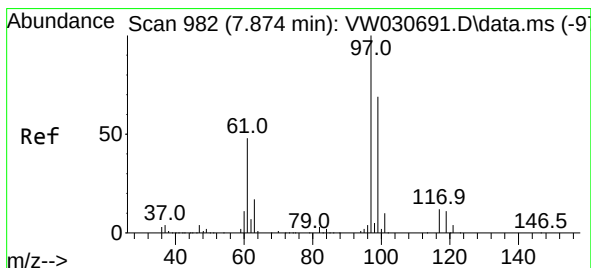
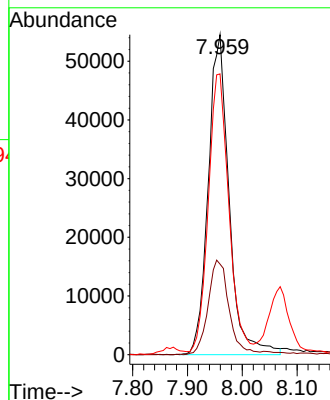
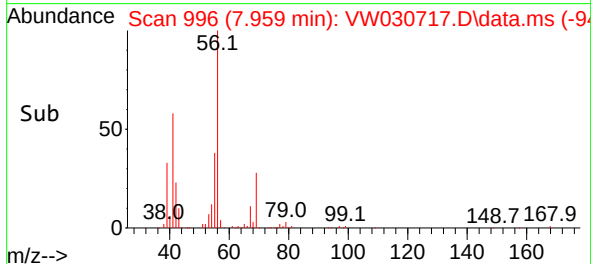


#29
Cyclohexane
Concen: 25.130 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Instrument :
MSVOA_W
ClientSampleId :

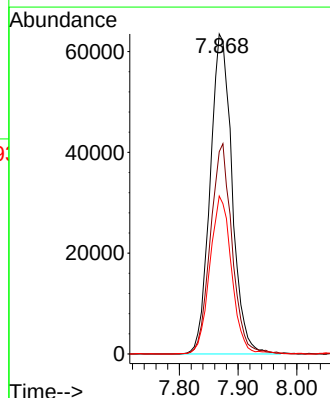
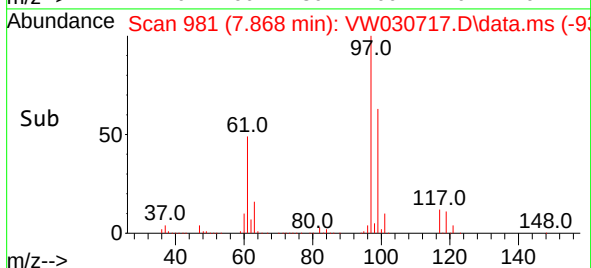
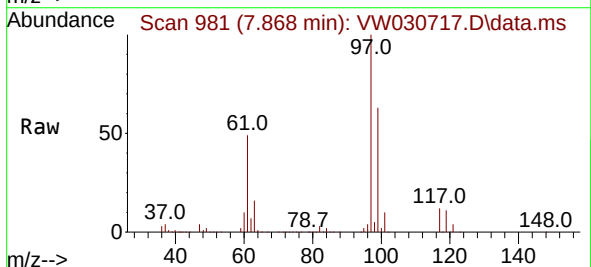


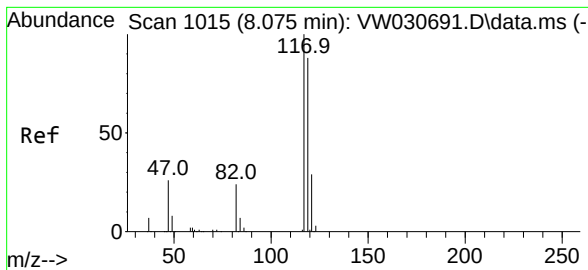
Tgt Ion: 56 Resp: 143693
Ion Ratio Lower Upper
56 100
69 29.5 25.4 38.0
84 86.6 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 26.364 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion: 97 Resp: 164396
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 48.7 38.5 57.7

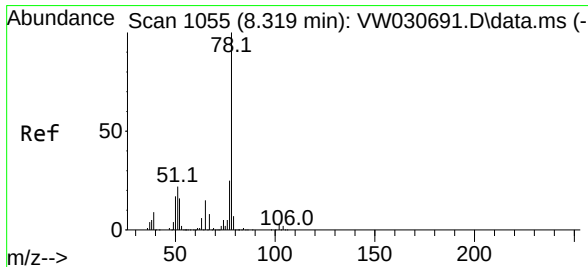
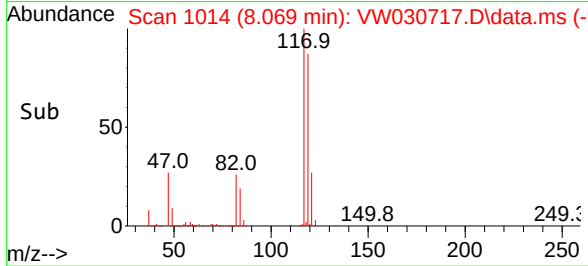
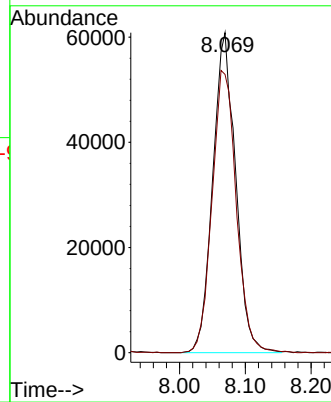
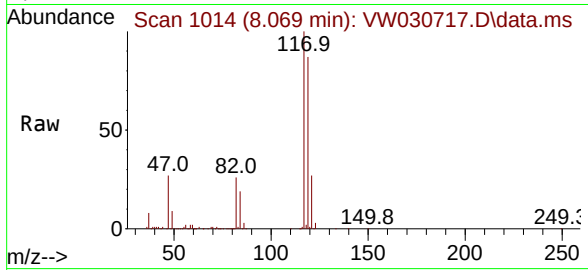




#31
Carbon tetrachloride
Concen: 26.419 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

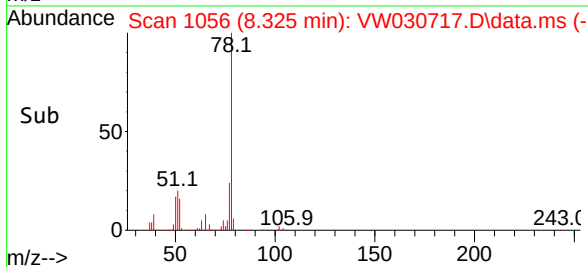
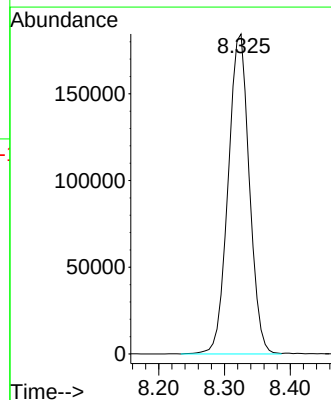
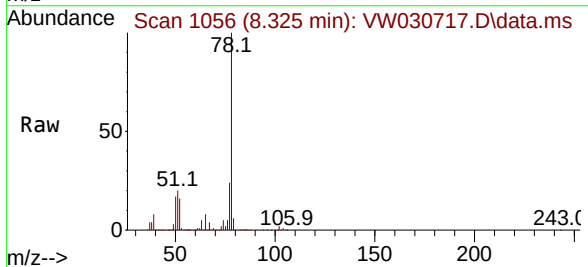
Instrument :
MSVOA_W
ClientSampleId :

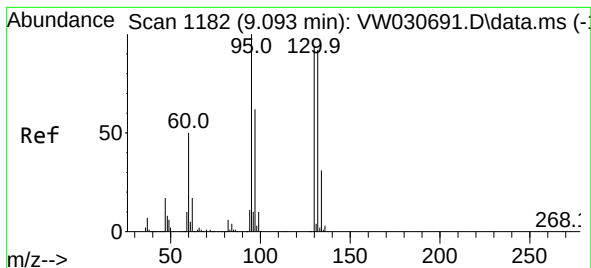
Tgt Ion:117 Resp: 147140
Ion Ratio Lower Upper
117 100
119 93.6 77.8 116.8



#33
Benzene
Concen: 27.027 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion: 78 Resp: 413143





#34

Trichloroethene

Concen: 25.585 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 108809

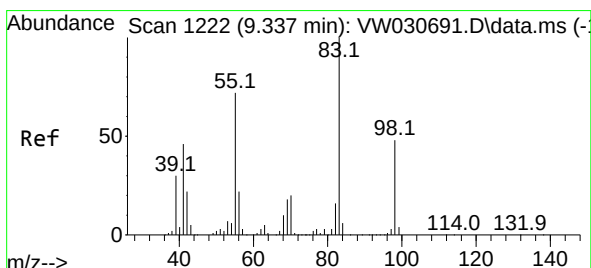
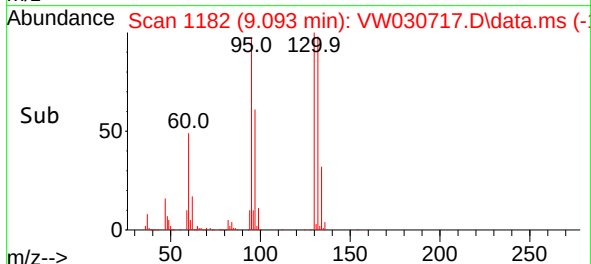
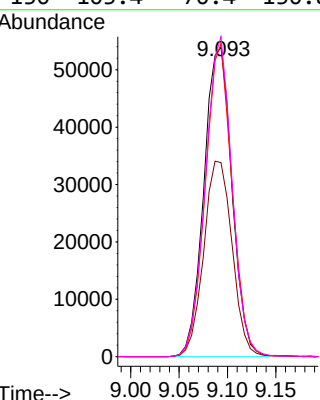
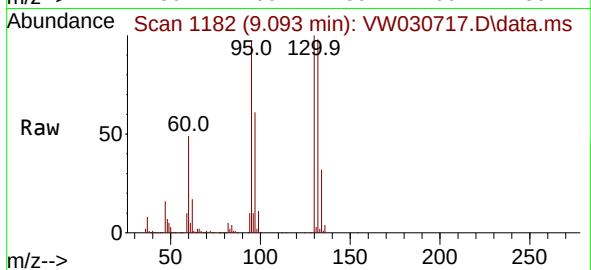
Ion Ratio Lower Upper

95 100

97 62.7 45.9 85.3

132 101.2 66.4 123.2

130 103.4 70.4 130.8



#35

Methylcyclohexane

Concen: 25.566 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

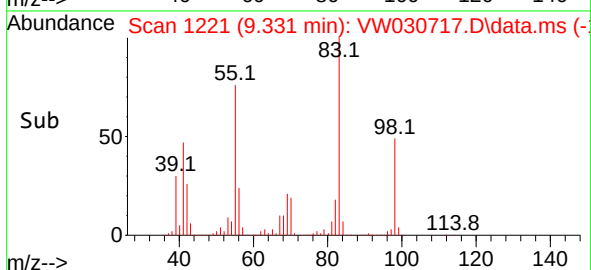
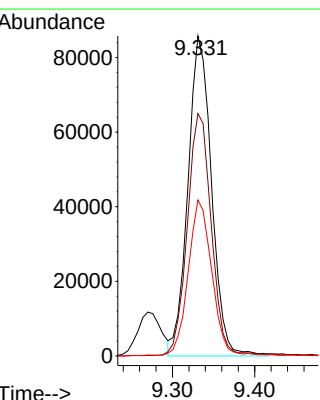
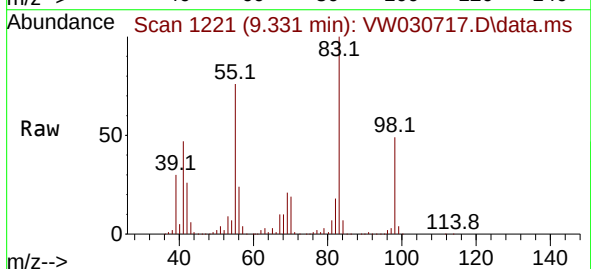
Tgt Ion: 83 Resp: 171108

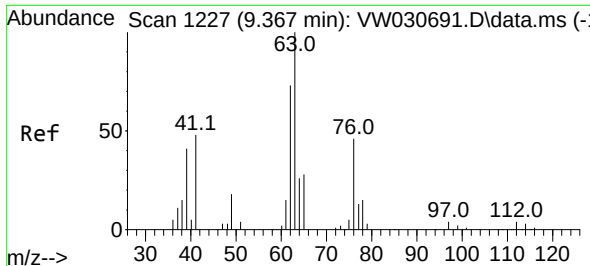
Ion Ratio Lower Upper

83 100

55 76.1 61.8 92.8

98 47.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 28.765 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

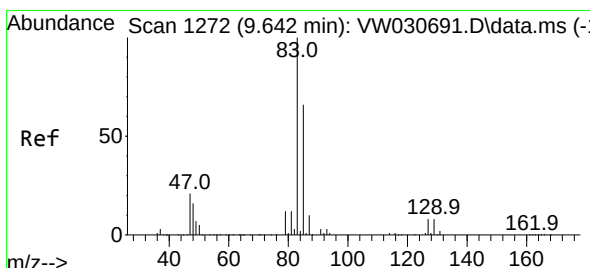
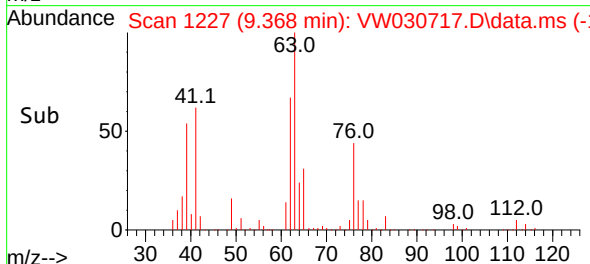
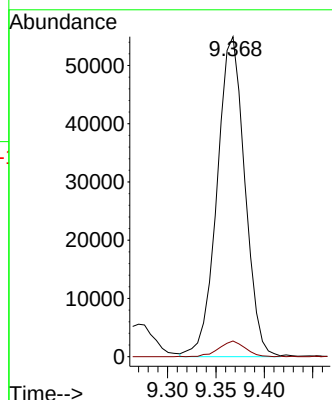
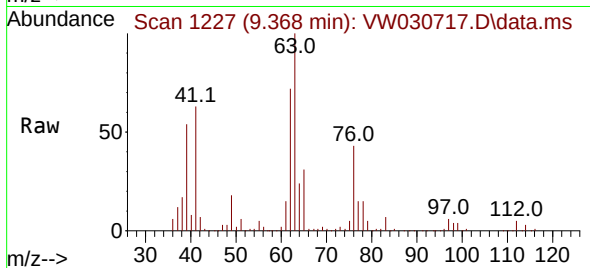
ClientSampleId :

Tgt Ion: 63 Resp: 109820

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 28.567 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

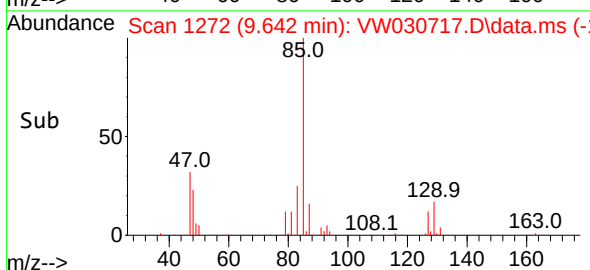
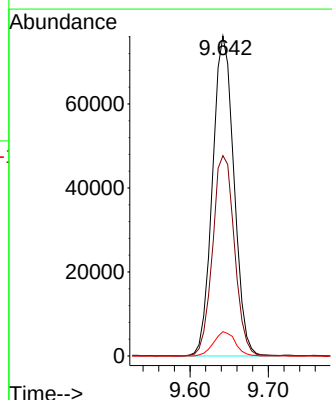
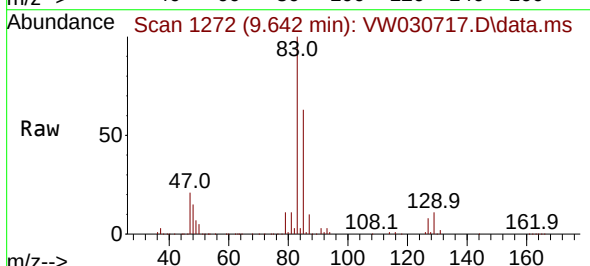
Tgt Ion: 83 Resp: 145107

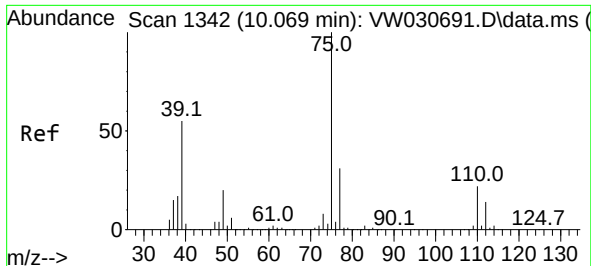
Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.0

127 7.6 6.2 9.4

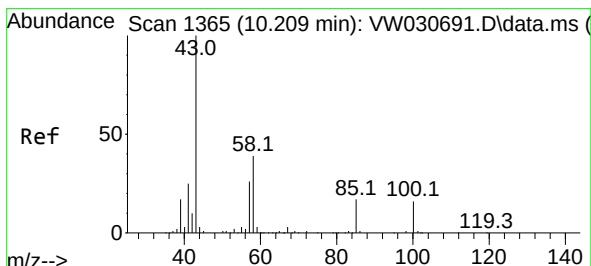
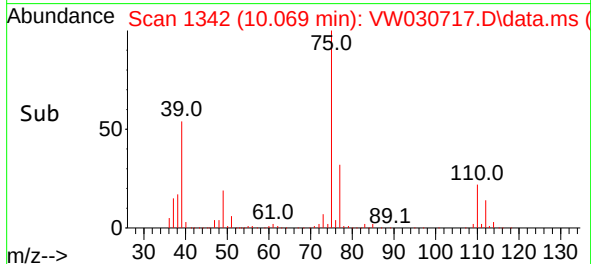
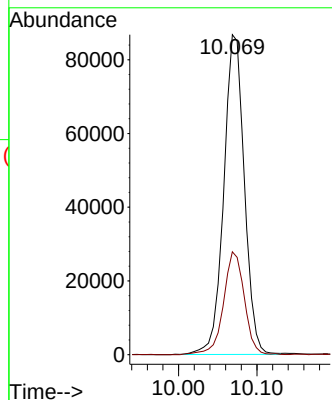
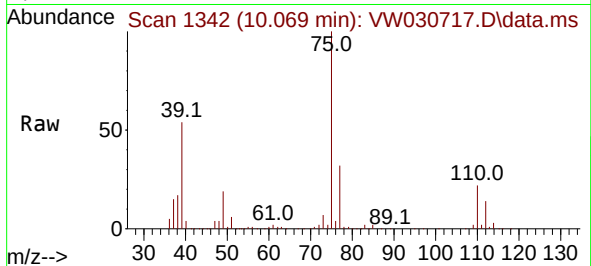




#39
 cis-1,3-Dichloropropene
 Concen: 27.533 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW030717.D
 Acq: 23 Oct 2024 09:53

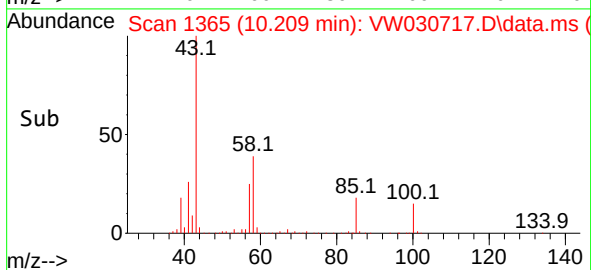
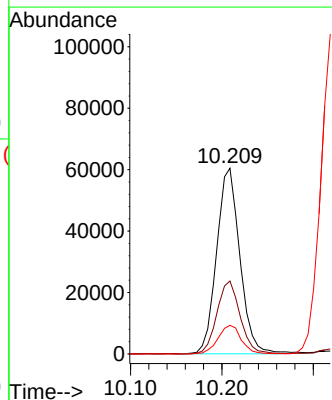
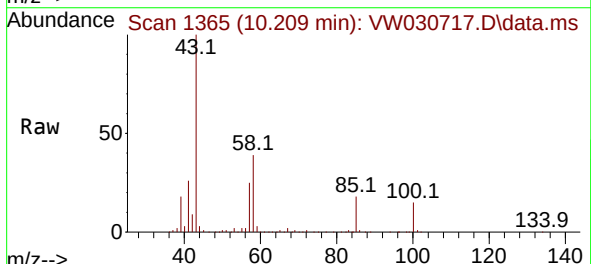
Instrument :
 MSVOA_W
 ClientSampleId :

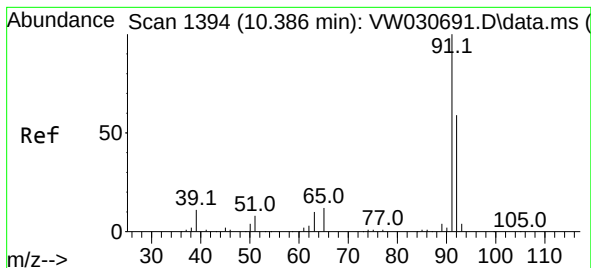
Tgt Ion: 75 Resp: 158557
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 58.165 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030717.D
 Acq: 23 Oct 2024 09:53

Tgt Ion: 43 Resp: 106681
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.4 47.2
 100 15.6 13.1 19.7





#42

Toluene

Concen: 27.604 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

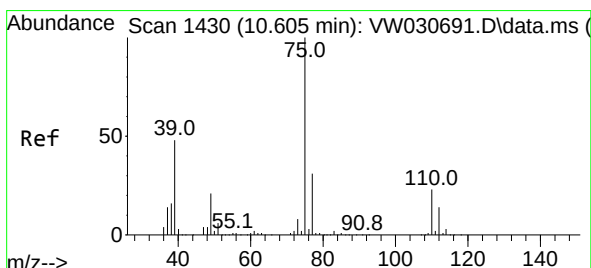
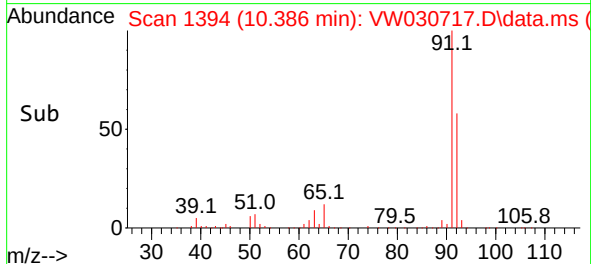
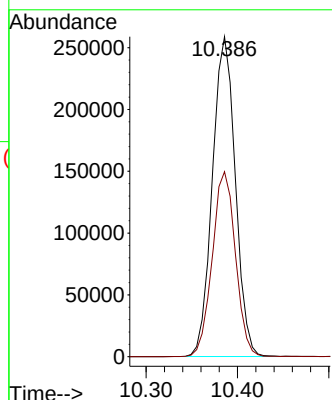
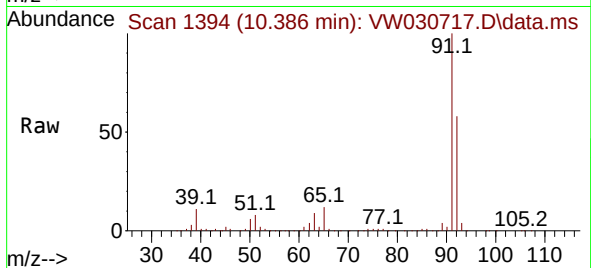
ClientSampleId :

Tgt Ion: 91 Resp: 450169

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 27.742 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030717.D

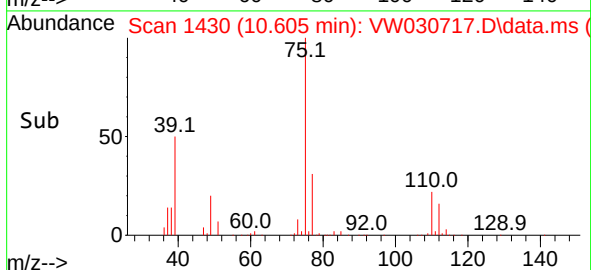
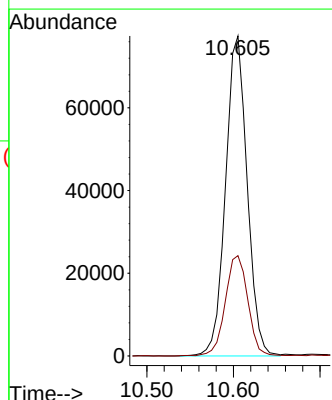
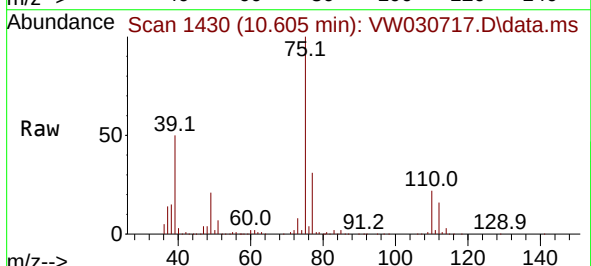
Acq: 23 Oct 2024 09:53

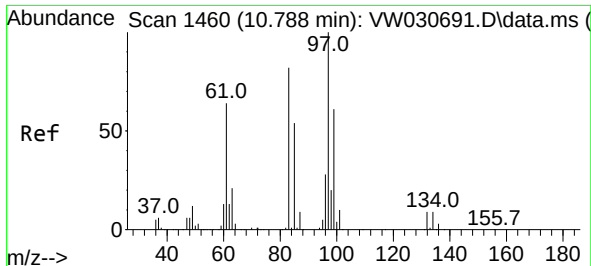
Tgt Ion: 75 Resp: 134250

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



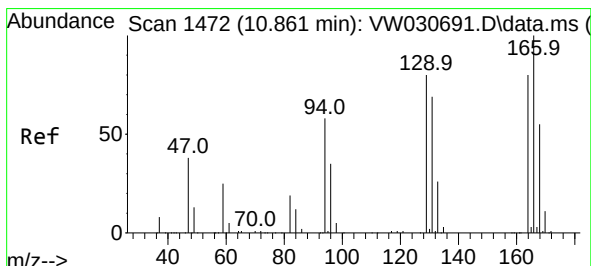
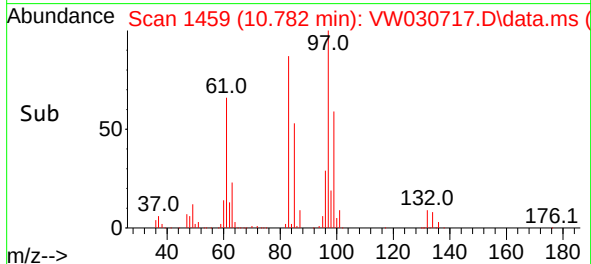
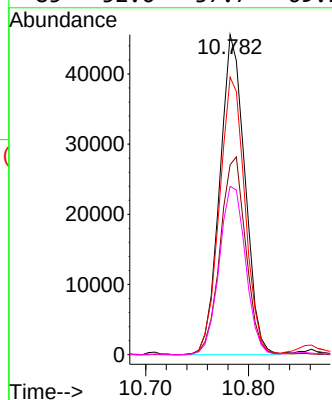
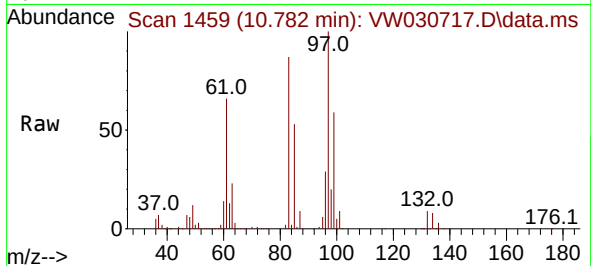


#45
1,1,2-Trichloroethane
Concen: 28.085 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 77493

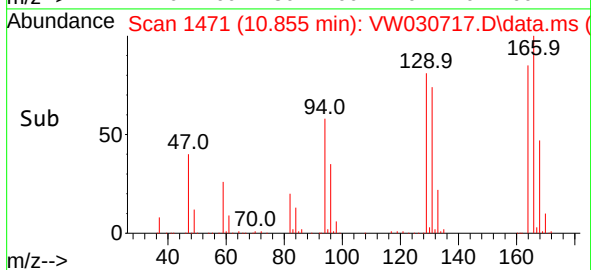
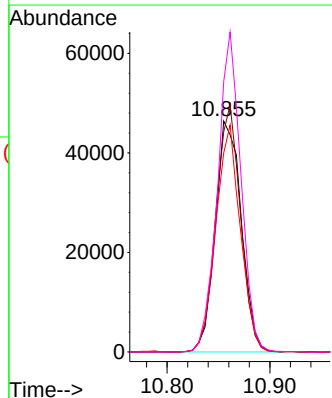
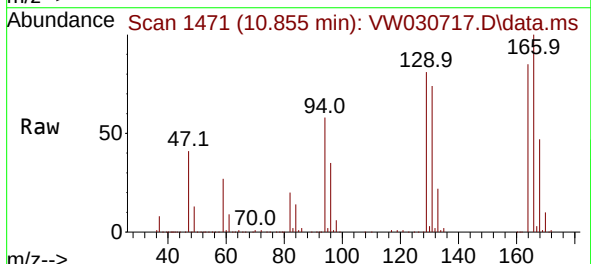
Ion	Ratio	Lower	Upper
97	100		
99	59.4	41.2	76.6
83	86.8	59.6	110.6
85	52.6	37.7	69.9

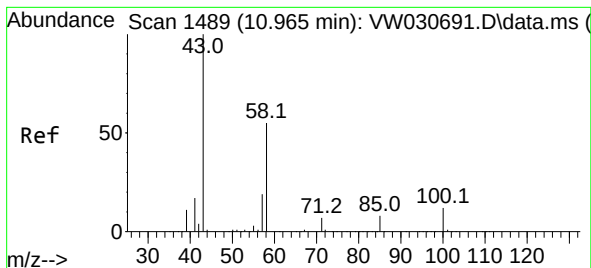


#46
Tetrachloroethene
Concen: 26.026 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion:164 Resp: 81634

Ion	Ratio	Lower	Upper
164	100		
129	95.4	66.6	123.6
131	86.2	63.7	118.3
166	117.1	88.7	164.7

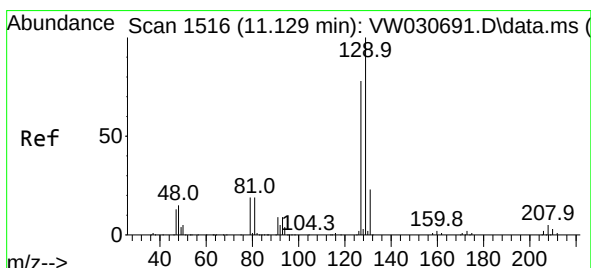
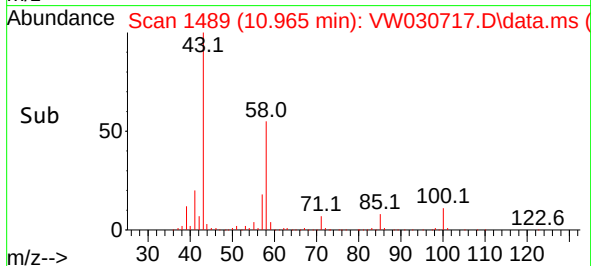
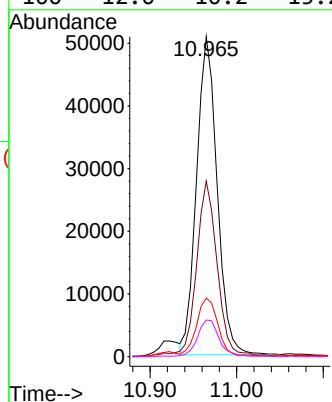
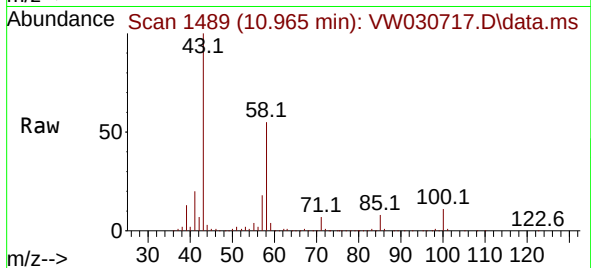




#48
2-Hexanone
Concen: 55.999 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

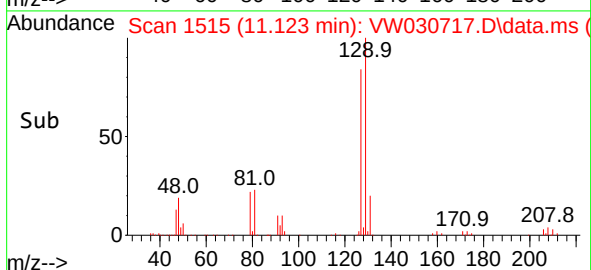
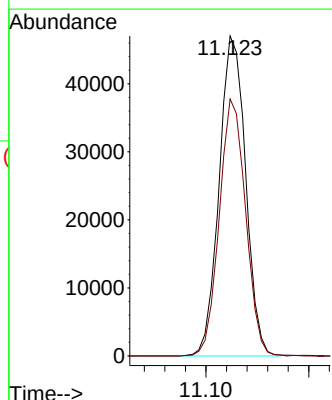
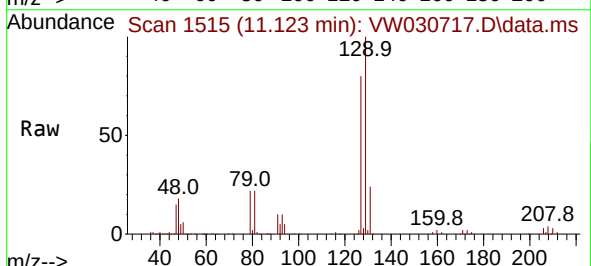
Instrument :
MSVOA_W
ClientSampleId :

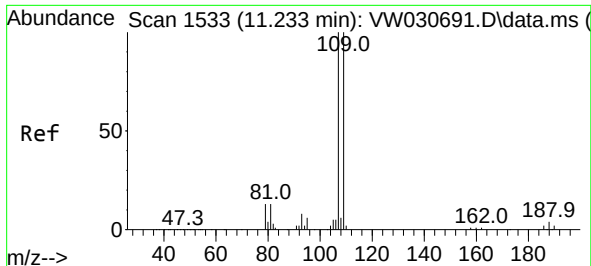
Tgt Ion: 43	Resp: 83994
Ion Ratio	Lower Upper
43 100	
58 54.8	44.6 67.0
57 18.0	15.8 23.8
100 12.0	10.2 15.2



#49
Dibromochloromethane
Concen: 27.293 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion:129	Resp: 84030		
Ion Ratio	Lower	Upper	
129 100			
127 80.3	56.5	104.9	





#50

1,2-Dibromoethane

Concen: 26.854 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :

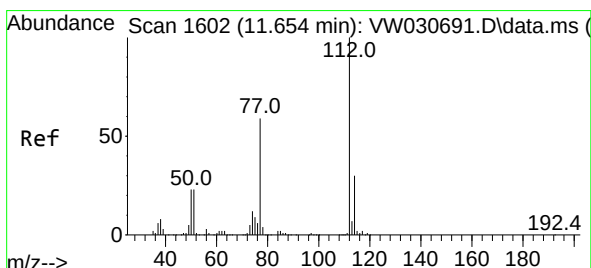
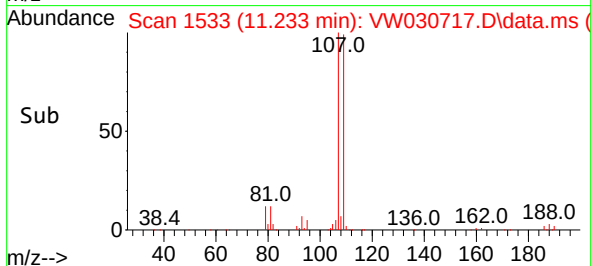
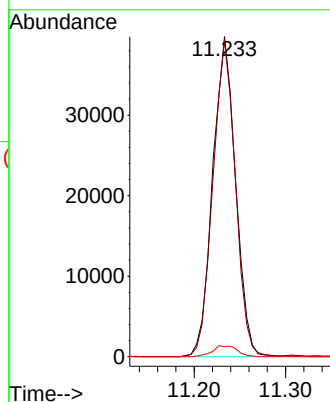
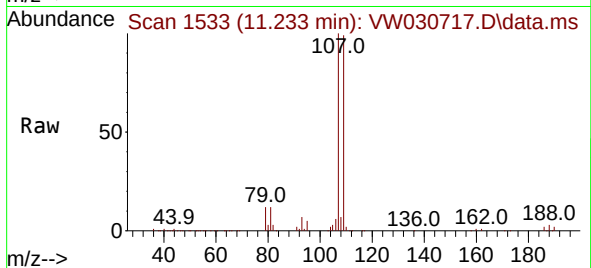
Tgt Ion:107 Resp: 69140

Ion Ratio Lower Upper

107 100

109 98.8 63.8 118.6

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 26.585 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

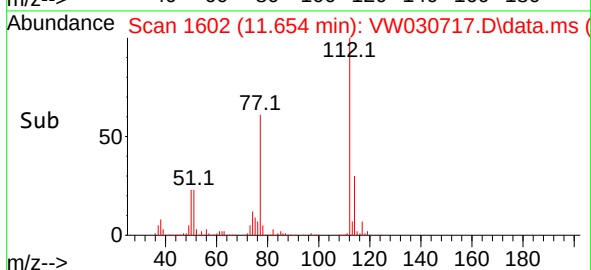
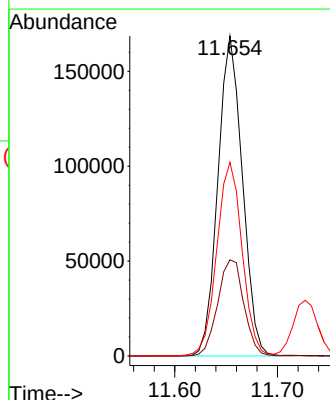
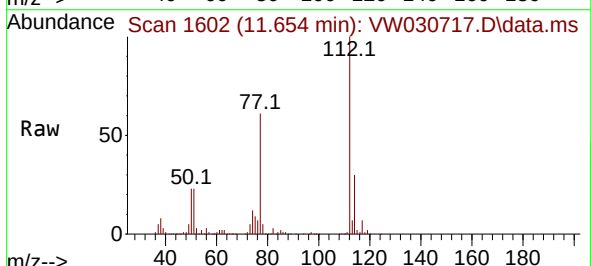
Tgt Ion:112 Resp: 279092

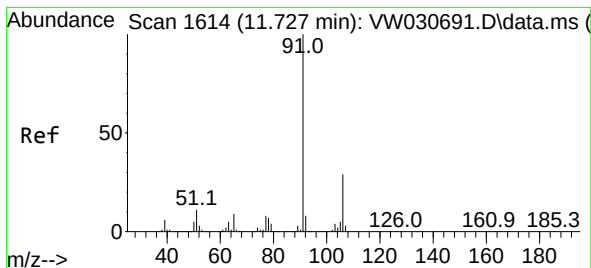
Ion Ratio Lower Upper

112 100

114 30.0 22.4 41.6

77 60.5 47.1 70.7

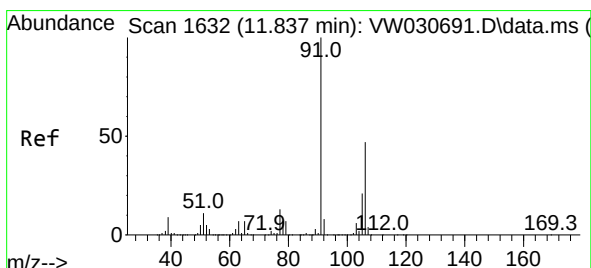
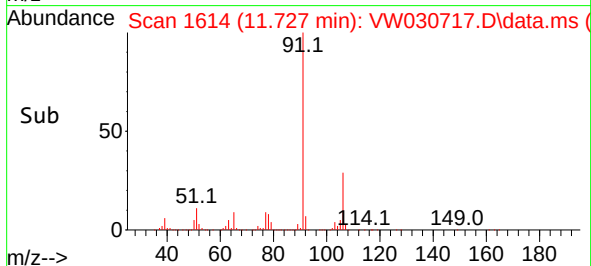
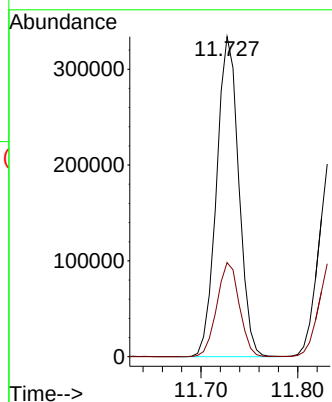
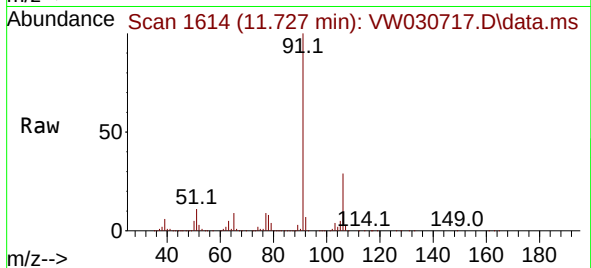




#52
Ethylbenzene
Concen: 28.562 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

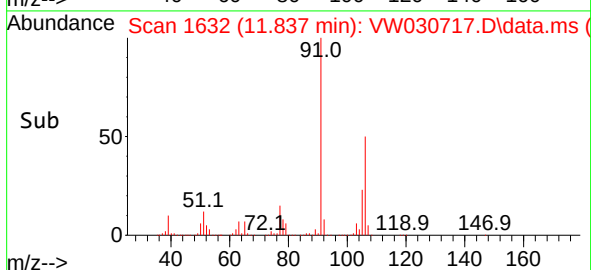
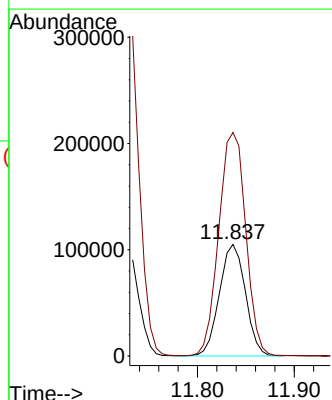
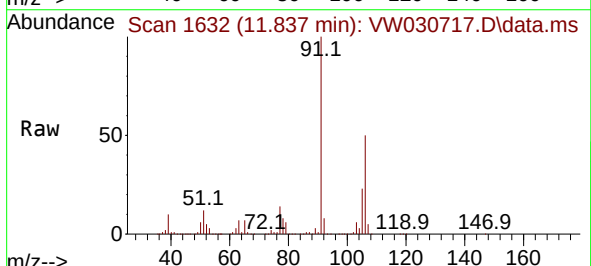
Instrument :
MSVOA_W
ClientSampleId :

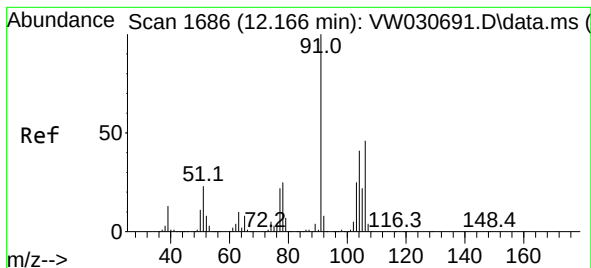
Tgt Ion: 91 Resp: 531498
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.1



#53
m,p-Xylene
Concen: 28.145 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

Tgt Ion:106 Resp: 196216
Ion Ratio Lower Upper
106 100
91 200.4 140.6 261.2





#54

o-Xylene

Concen: 28.060 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

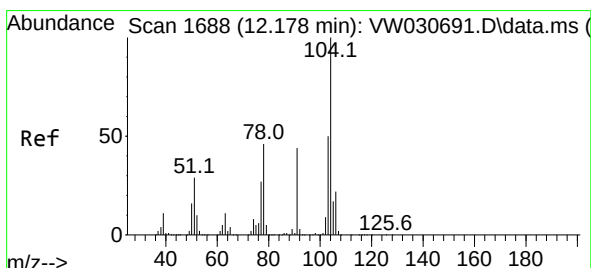
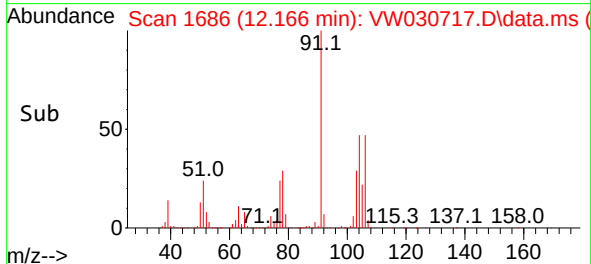
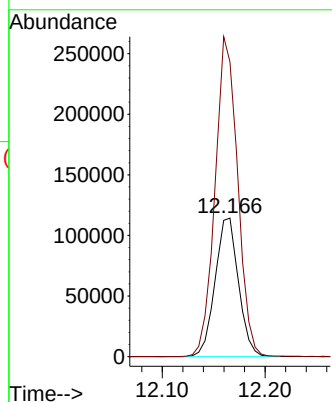
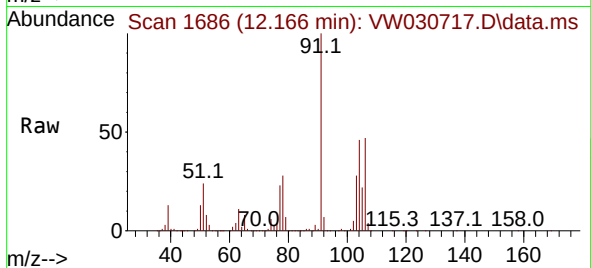
ClientSampleId :

Tgt Ion:106 Resp: 180854

Ion Ratio Lower Upper

106 100

91 212.8 144.5 268.4



#55

Styrene

Concen: 29.323 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030717.D

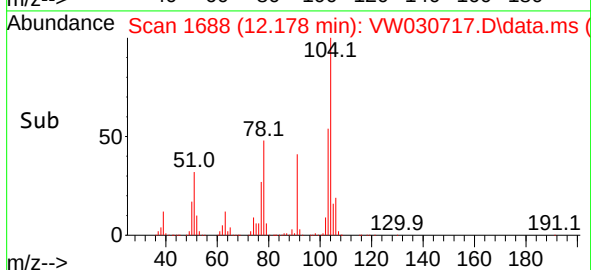
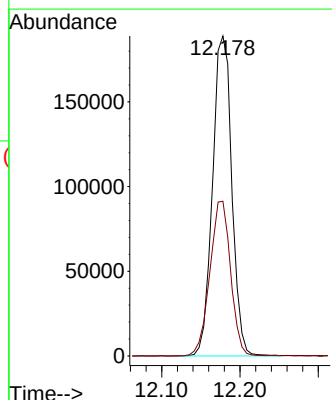
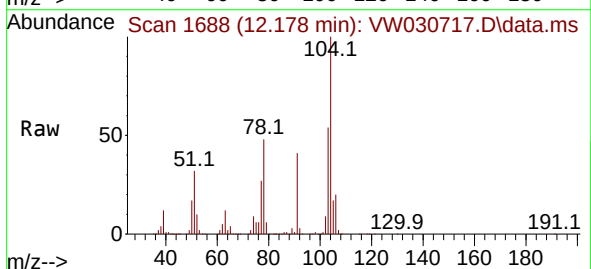
Acq: 23 Oct 2024 09:53

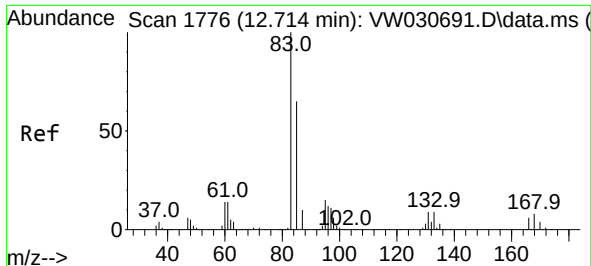
Tgt Ion:104 Resp: 323093

Ion Ratio Lower Upper

104 100

78 48.4 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 29.142 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :

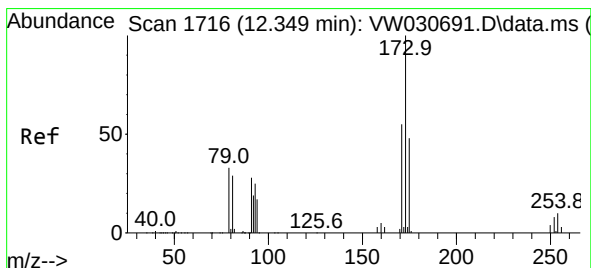
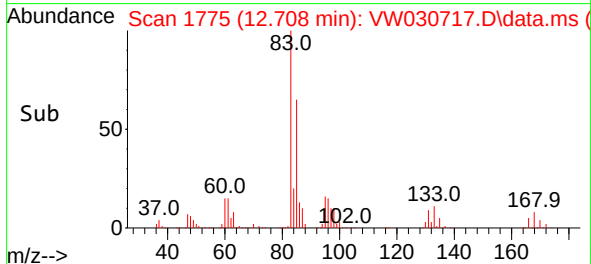
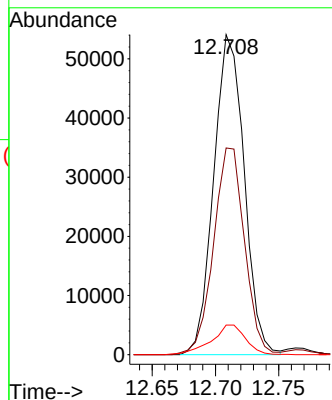
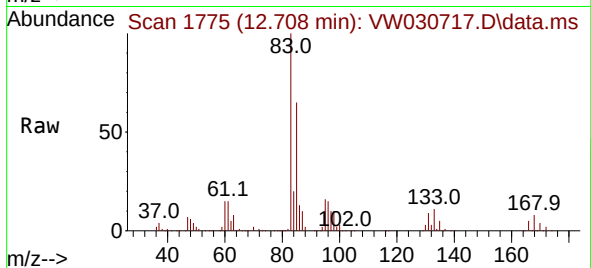
Tgt Ion: 83 Resp: 90677

Ion Ratio Lower Upper

83 100

85 64.6 42.6 79.2

131 9.3 7.4 11.0



#59

Bromoform

Concen: 27.489 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

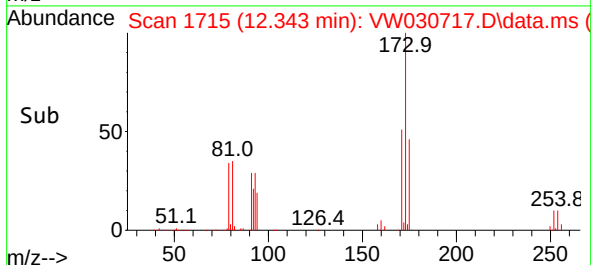
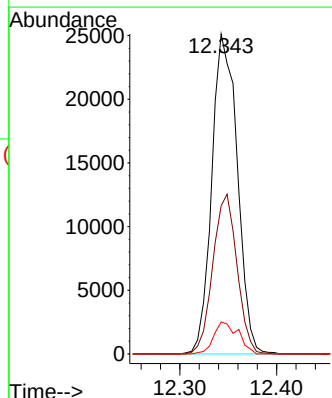
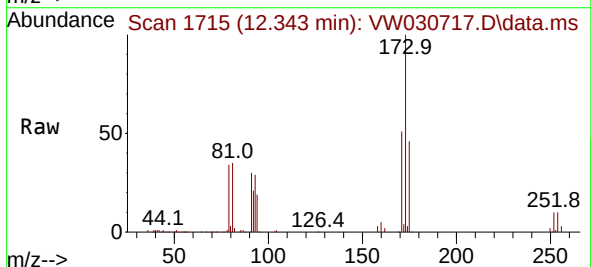
Tgt Ion:173 Resp: 45927

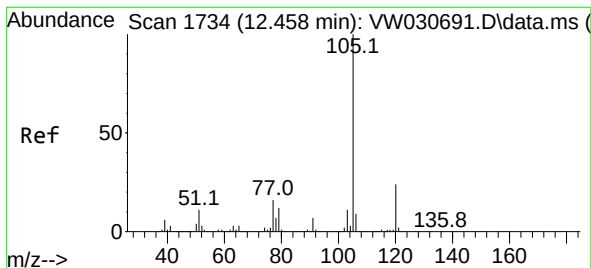
Ion Ratio Lower Upper

173 100

175 47.4 39.0 58.4

254 9.6 7.7 11.5





#60

Isopropylbenzene

Concen: 28.749 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :

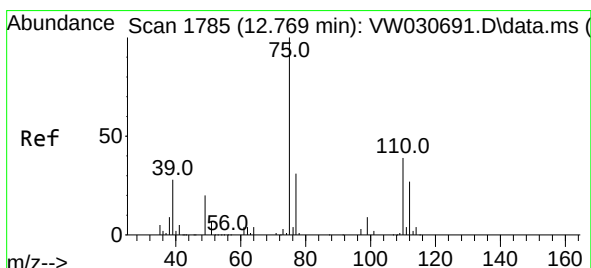
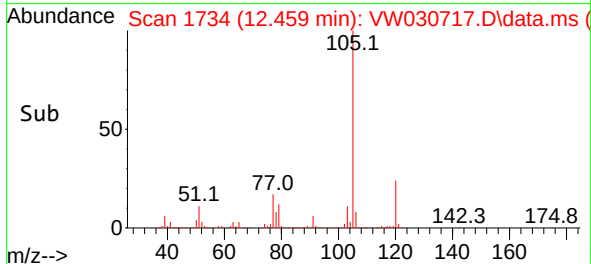
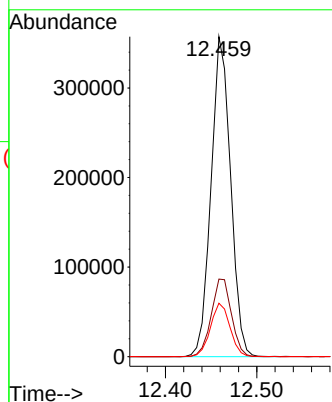
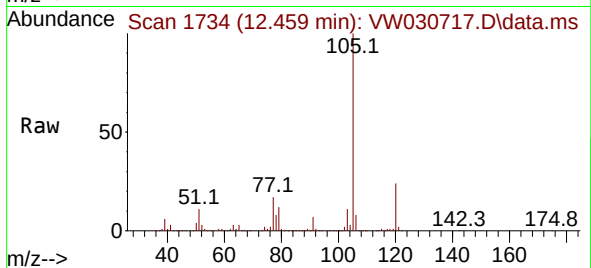
Tgt Ion:105 Resp: 529427

Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 27.187 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

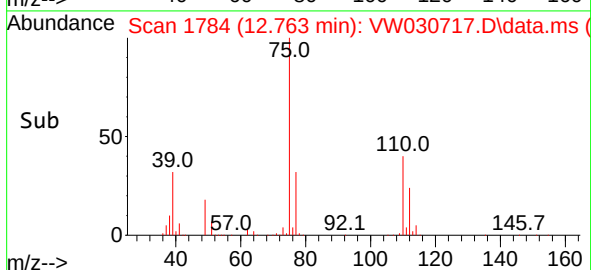
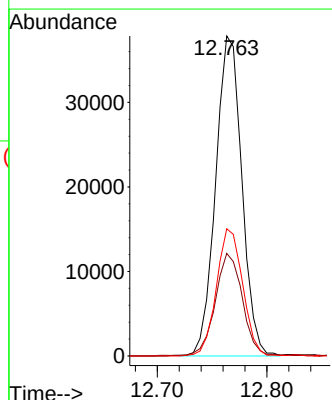
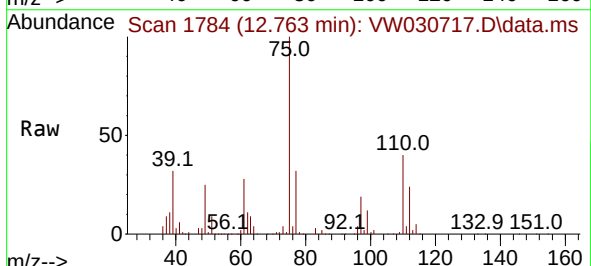
Tgt Ion: 75 Resp: 62909

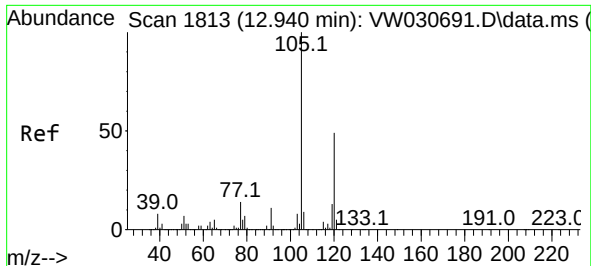
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 39.7 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 28.840 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

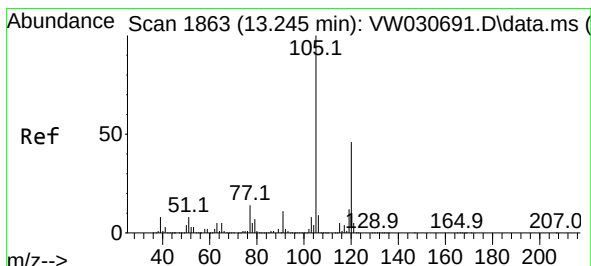
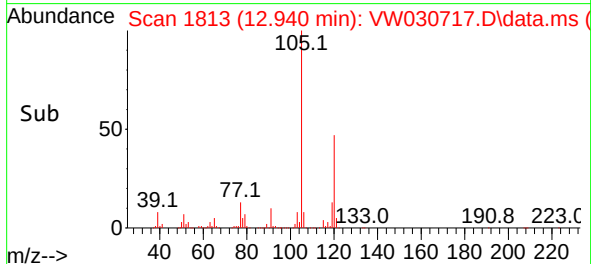
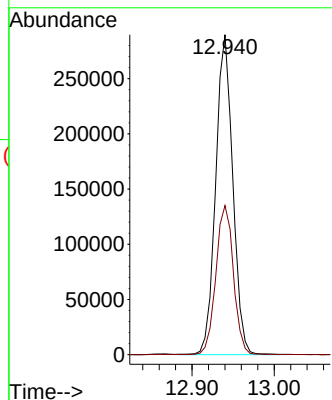
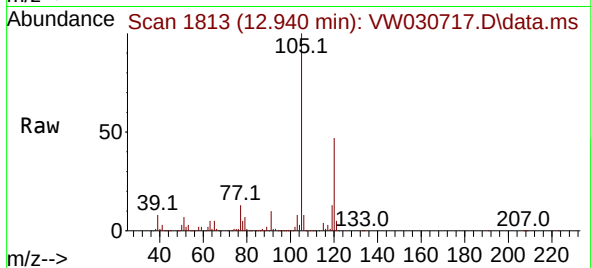
ClientSampleId :

Tgt Ion:105 Resp: 418993

Ion Ratio Lower Upper

105 100

120 47.8 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 28.998 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030717.D

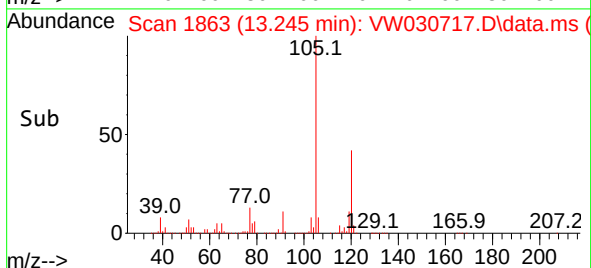
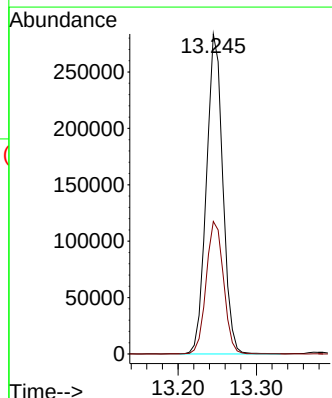
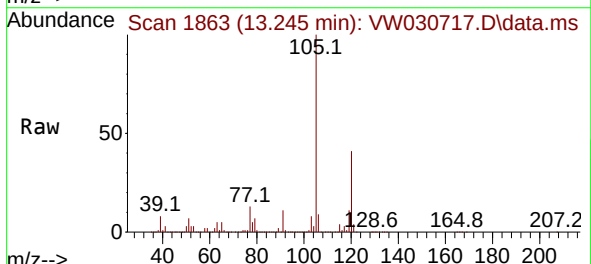
Acq: 23 Oct 2024 09:53

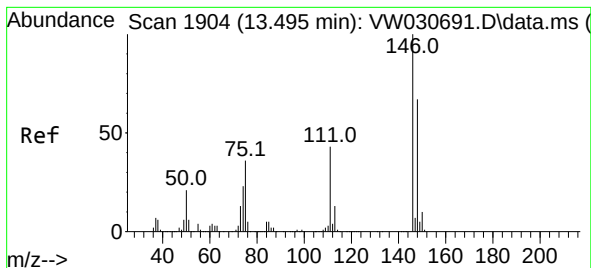
Tgt Ion:105 Resp: 412486

Ion Ratio Lower Upper

105 100

120 43.6 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 26.762 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :

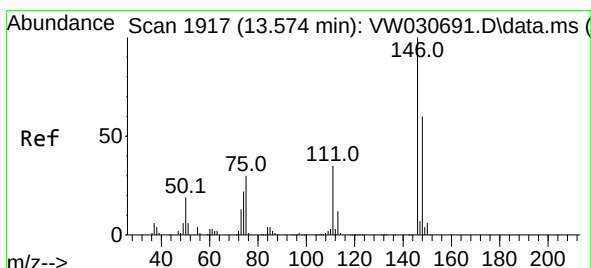
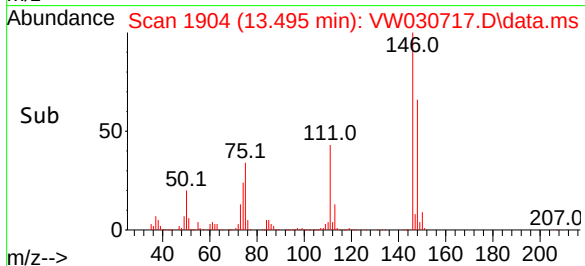
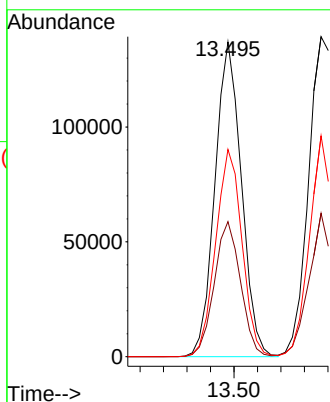
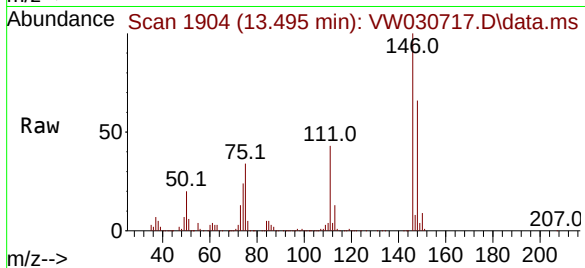
Tgt Ion:146 Resp: 214514

Ion Ratio Lower Upper

146 100

111 42.9 31.2 58.0

148 65.9 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 27.344 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

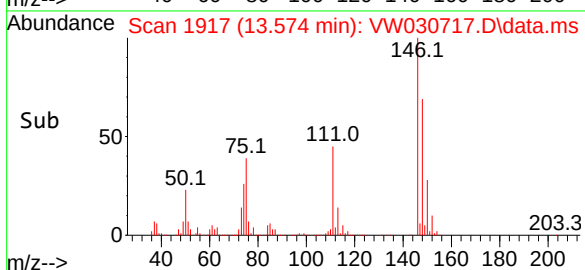
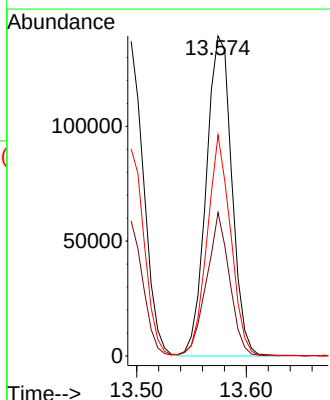
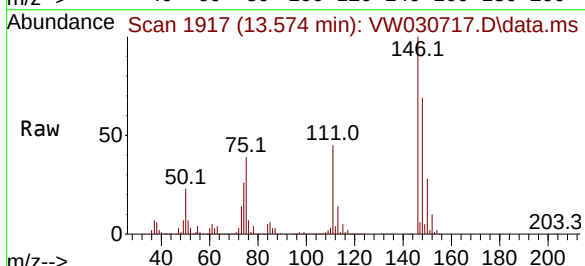
Tgt Ion:146 Resp: 226320

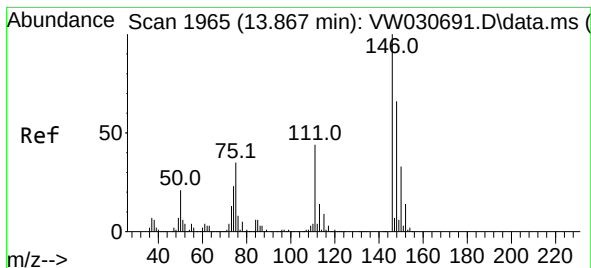
Ion Ratio Lower Upper

146 100

111 44.8 26.8 49.8

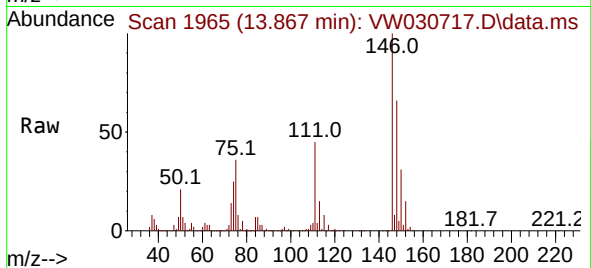
148 69.0 41.0 76.2



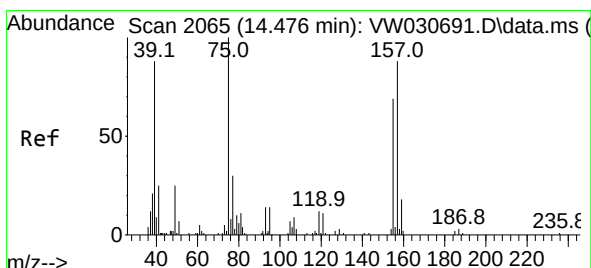
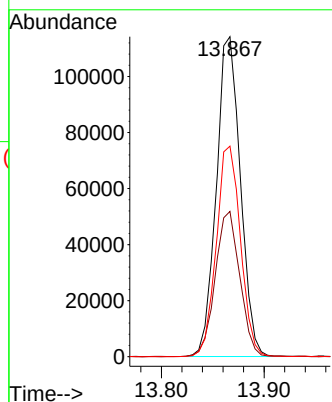
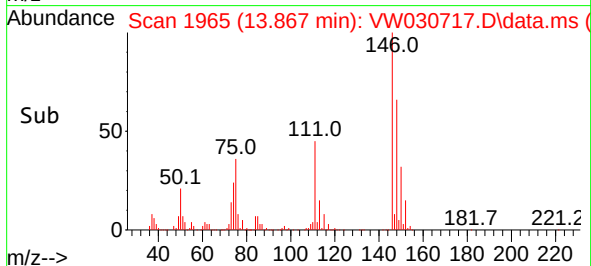


#67
1,2-Dichlorobenzene
Concen: 26.304 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53

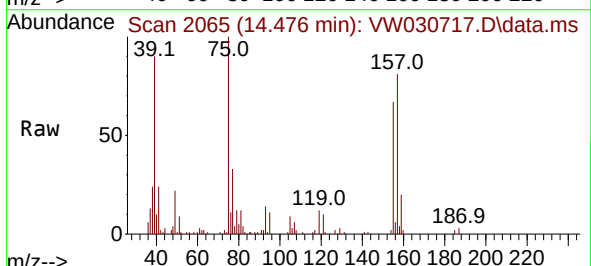
Instrument :
MSVOA_W
ClientSampleId :



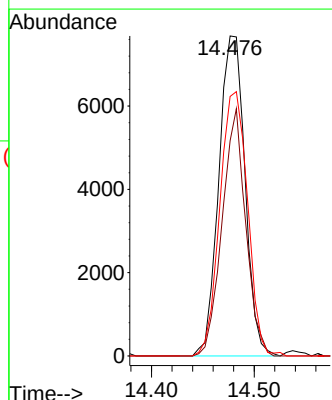
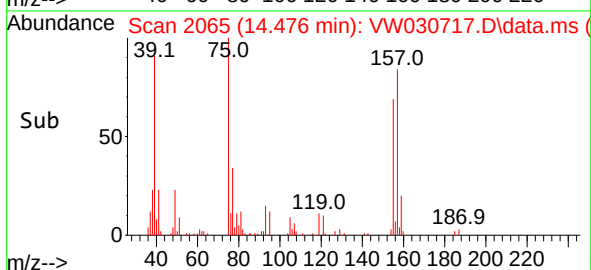
Tgt Ion:146 Resp: 185539
Ion Ratio Lower Upper
146 100
111 45.4 34.6 52.0
148 65.8 53.3 79.9

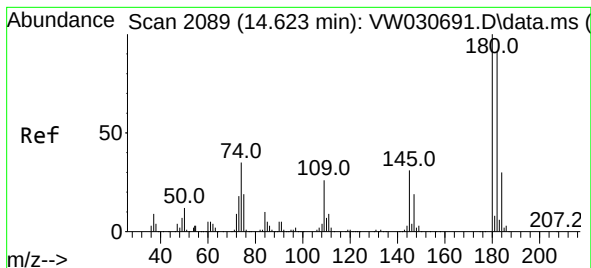


#68
1,2-Dibromo-3-chloropropane
Concen: 26.286 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030717.D
Acq: 23 Oct 2024 09:53



Tgt Ion: 75 Resp: 13562
Ion Ratio Lower Upper
75 100
155 67.2 57.9 86.9
157 81.1 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 26.194 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

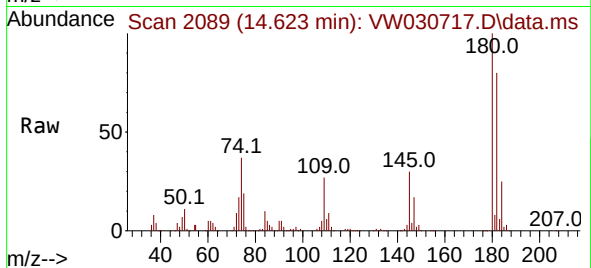
Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 138456

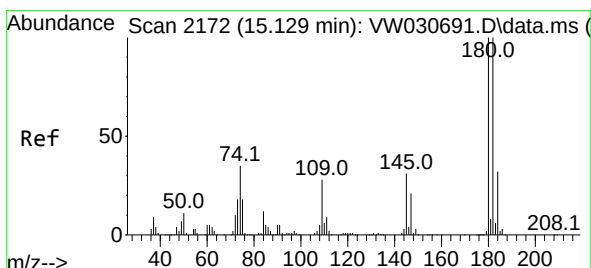
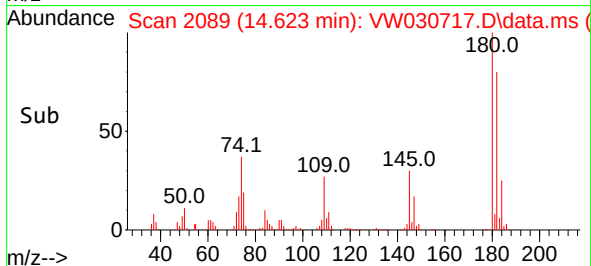
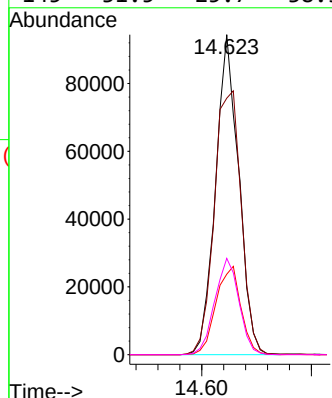
Ion Ratio Lower Upper

180 100

182 96.2 79.9 119.9

184 29.8 25.2 37.8

145 31.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.815 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

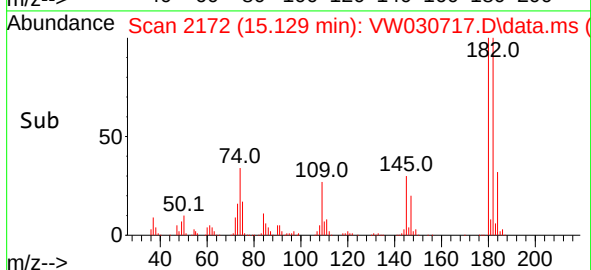
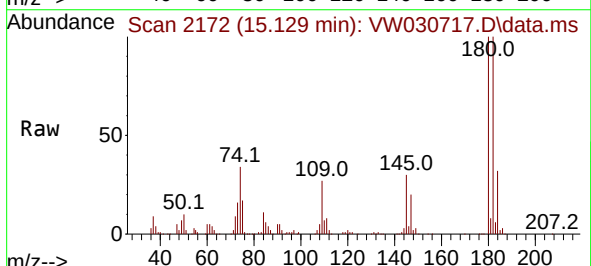
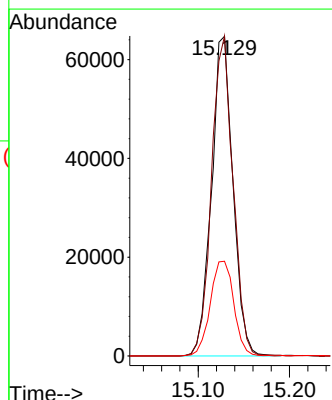
Tgt Ion:180 Resp: 105594

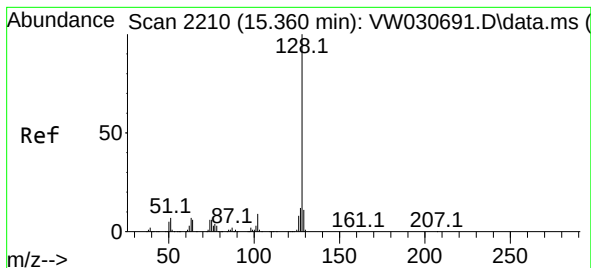
Ion Ratio Lower Upper

180 100

182 99.8 75.2 112.8

145 32.5 25.4 38.2





#71

Naphthalene

Concen: 26.093 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Instrument :

MSVOA_W

ClientSampleId :

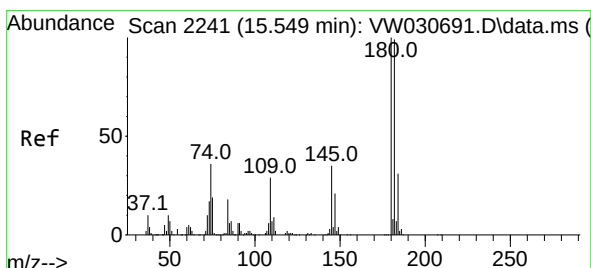
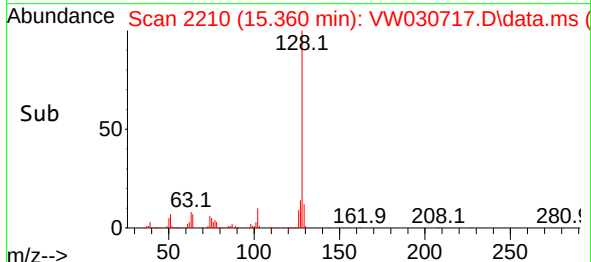
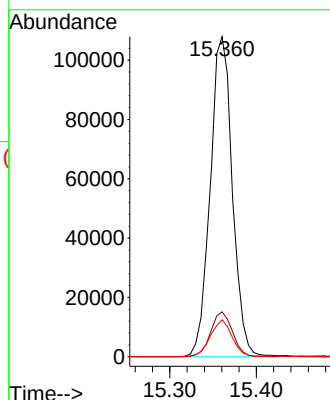
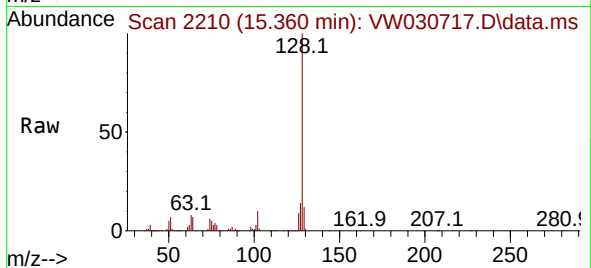
Tgt Ion:128 Resp: 191830

Ion Ratio Lower Upper

128 100

127 13.8 10.9 16.3

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.982 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030717.D

Acq: 23 Oct 2024 09:53

Tgt Ion:180 Resp: 99535

Ion Ratio Lower Upper

180 100

182 91.1 76.2 114.4

145 32.1 27.4 41.2

