

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030735.D
 Acq On : 23 Oct 2024 19:40
 Operator : SY/MD
 Sample : P4436-18MSD
 Misc : 5.96g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F40MSD

Quant Time: Oct 24 01:40:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 24 01:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	410095	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	299885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95988	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	70751	10.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.920%
7) Chloroethane-d5	2.899	69	77563	15.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
11) 1,1-Dichloroethene-d2	4.021	65	31002	11.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.240%
21) 2-Butanone-d5	7.075	46	52648	45.384	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.760%
24) Chloroform-d	7.654	84	248518	21.190	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.307	65	122119	20.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.276	84	351902	20.218	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.880%
36) 1,2-Dichloropropane-d6	9.270	67	130158	25.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.920%
41) Toluene-d8	10.325	98	258503	16.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.080%
43) trans-1,3-Dichloroprop...	10.575	79	44381	20.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.000%
47) 2-Hexanone-d5	10.922	63	38843	59.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97155	25.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	69654	21.446	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	75952	14.496	ug/L	96
3) Chloromethane	2.222	50	92344	15.164	ug/L	98
5) Vinyl chloride	2.375	62	117105	15.637	ug/L	97
6) Bromomethane	2.789	94	79684	16.166	ug/L	87
8) Chloroethane	2.936	64	78089	17.058	ug/L	98
9) Trichlorofluoromethane	3.265	101	111882	16.697	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88929	14.751	ug/L #	76
12) 1,1-Dichloroethene	4.039	96	87065	15.824	ug/L	96
13) Acetone	4.118	43	27426	16.149	ug/L	96
14) Carbon disulfide	4.387	76	184742	10.282	ug/L	98
15) Methyl Acetate	4.673	43	30862	14.711	ug/L	95
16) Methylene chloride	4.917	84	101902	16.436	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	91848	15.470	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	158018	19.017	ug/L	99
19) 1,1-Dichloroethane	6.222	63	197909	17.936	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	108027	17.059	ug/L	99
22) 2-Butanone	7.167	43	43308	23.657	ug/L	97
23) Bromochloromethane	7.508	128	45078	16.272	ug/L	95
25) Chloroform	7.673	83	207524	17.599	ug/L	95

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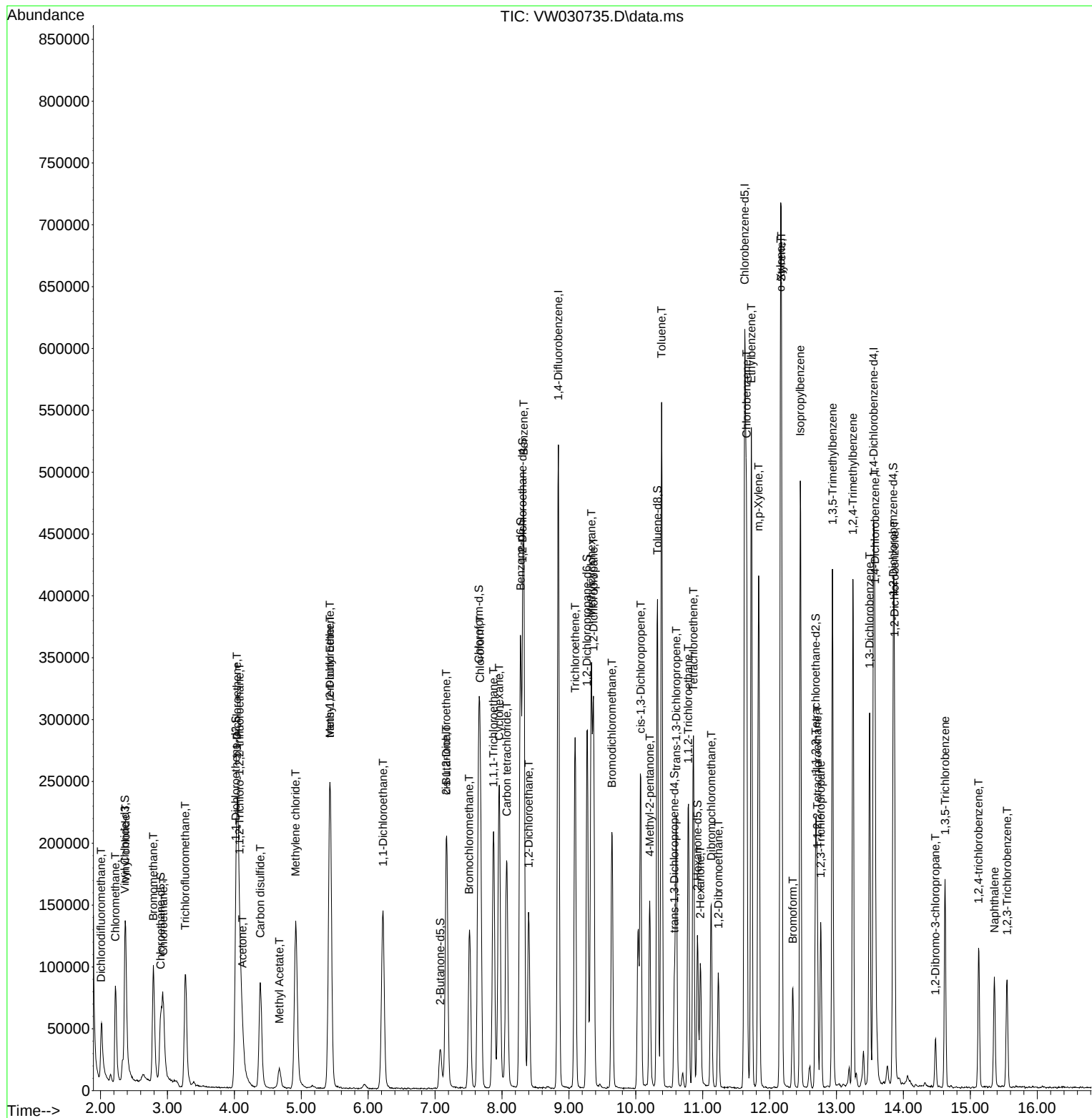
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	128915	16.571	ug/L	98
29) Cyclohexane	7.959	56	130690	17.903	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	162822	20.453	ug/L	98
31) Carbon tetrachloride	8.069	117	132684	18.661	ug/L	100
33) Benzene	8.325	78	404487	20.727	ug/L	100
34) Trichloroethene	9.093	95	98214	18.090	ug/L	97
35) Methylcyclohexane	9.337	83	128034	14.985	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106704	21.892	ug/L	100
38) Bromodichloromethane	9.642	83	137293	21.172	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	144076	19.597	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	96241	41.102	ug/L	98
42) Toluene	10.386	91	390914	18.776	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	114345	18.509	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70743	20.083	ug/L	97
46) Tetrachloroethene	10.861	164	57455	14.348	ug/L	96
48) 2-Hexanone	10.965	43	64078	33.464	ug/L	96
49) Dibromochloromethane	11.129	129	74340	18.914	ug/L	93
50) 1,2-Dibromoethane	11.233	107	58473	17.789	ug/L	98
51) Chlorobenzene	11.654	112	219421	16.372	ug/L	98
52) Ethylbenzene	11.727	91	362260	15.249	ug/L	99
53) m,p-Xylene	11.837	106	130546	14.668	ug/L	94
54) o-Xylene	12.166	106	126650	15.392	ug/L	94
55) Styrene	12.178	104	202812	14.418	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	69006	17.371	ug/L	99
59) Bromoform	12.349	173	34199	25.359	ug/L	99
60) Isopropylbenzene	12.458	105	305234	20.534	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	51855	27.762	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	207673	17.708	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	212123	18.474	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	110557	17.087	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	112823	16.887	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	97533	17.130	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9594	23.036	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	47905	11.228	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	32753	9.535	ug/L	97
71) Naphthalene	15.360	128	73652	12.411	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	26266	8.821	ug/L	98

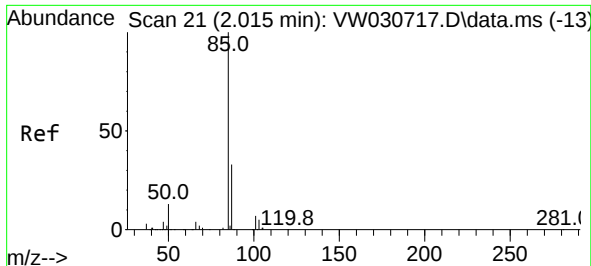
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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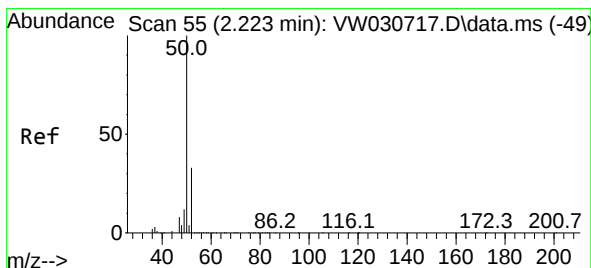
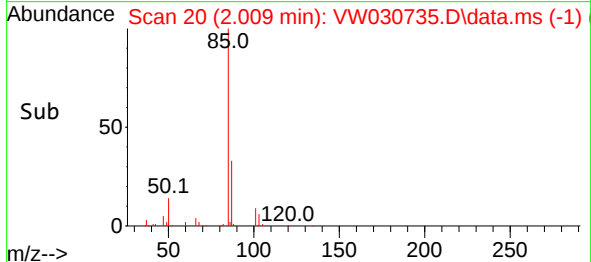
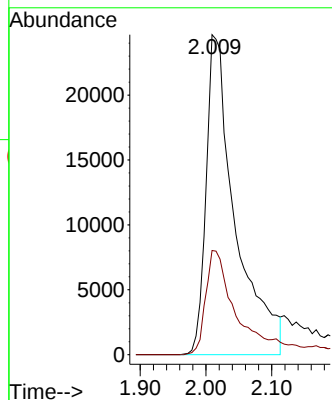
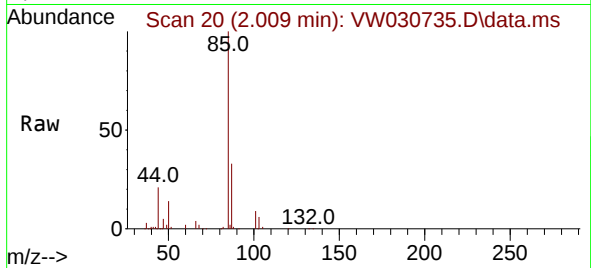




#2
 Dichlorodifluoromethane
 Concen: 14.496 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030735.D
 Acq: 23 Oct 2024 19:40

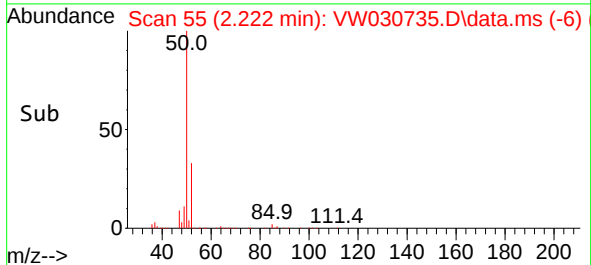
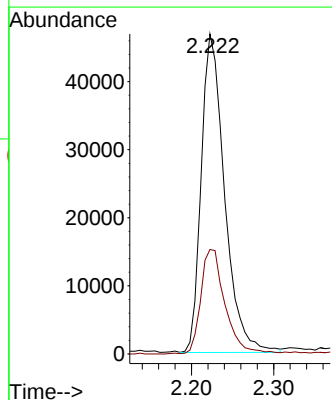
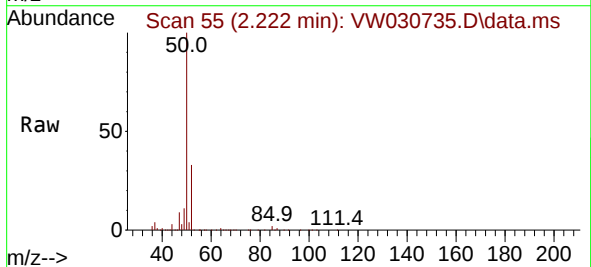
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F40MSD

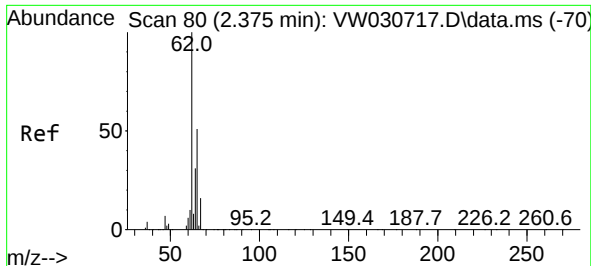
Tgt Ion: 85 Resp: 75952
 Ion Ratio Lower Upper
 85 100
 87 31.8 23.8 35.6



#3
 Chloromethane
 Concen: 15.164 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030735.D
 Acq: 23 Oct 2024 19:40

Tgt Ion: 50 Resp: 92344
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

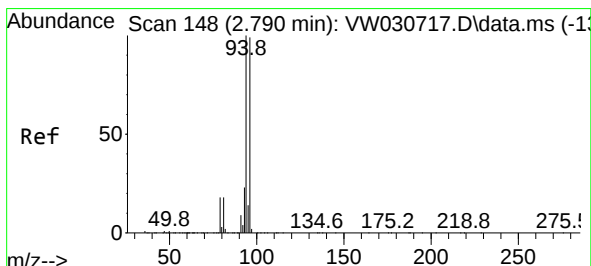
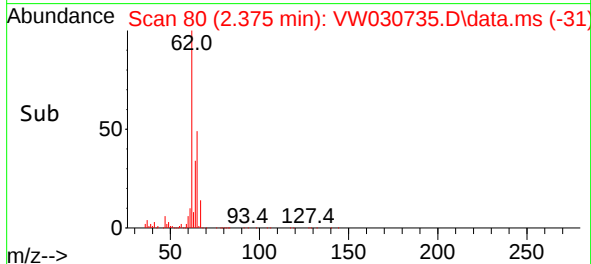
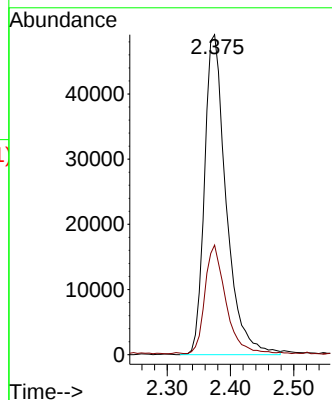
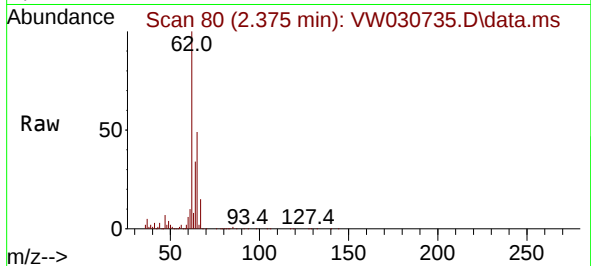




#5
 Vinyl chloride
 Concen: 15.637 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030735.D
 Acq: 23 Oct 2024 19:40

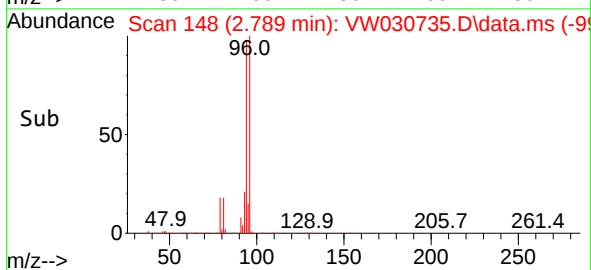
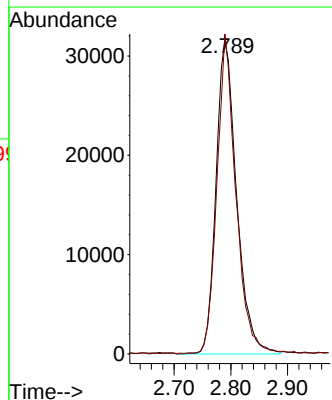
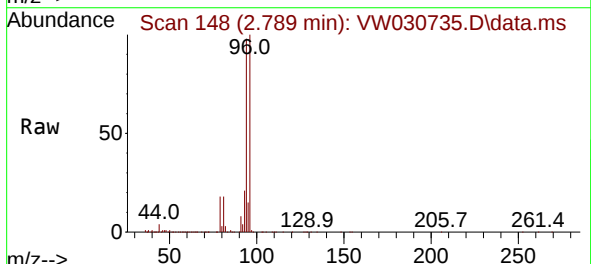
Instrument :
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 ClientSampleId :
 A4F40MSD

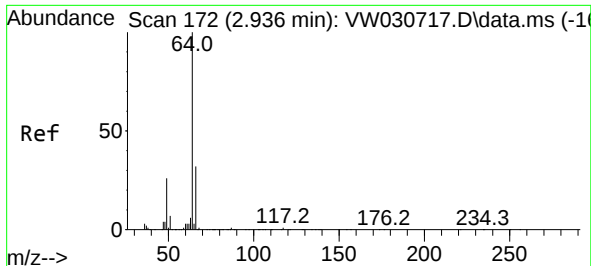
Tgt Ion: 62 Resp: 117105
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.6 42.0



#6
 Bromomethane
 Concen: 16.166 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030735.D
 Acq: 23 Oct 2024 19:40

Tgt Ion: 94 Resp: 79684
 Ion Ratio Lower Upper
 94 100
 96 101.9 62.6 116.2

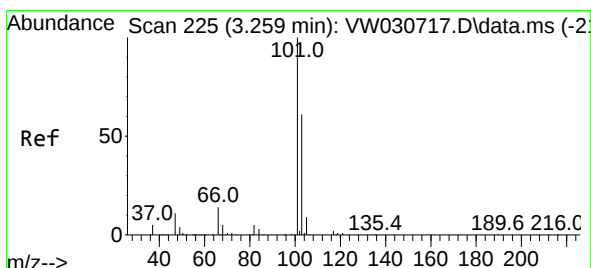
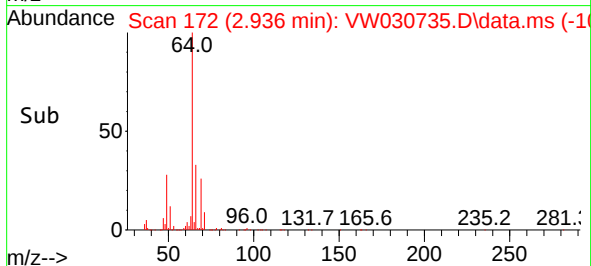
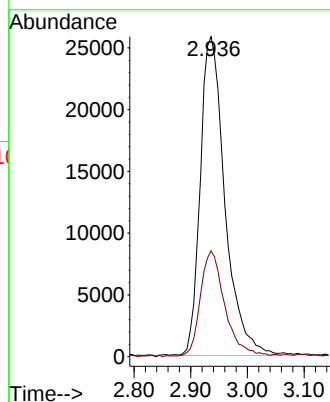
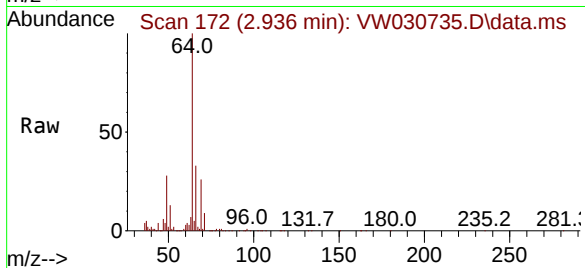




#8
Chloroethane
Concen: 17.058 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

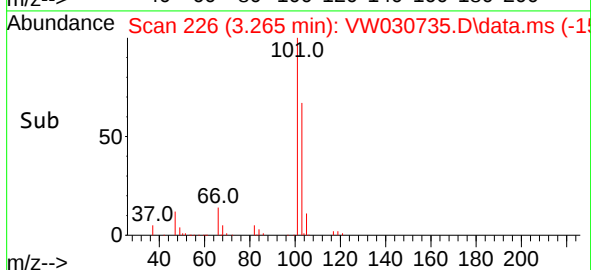
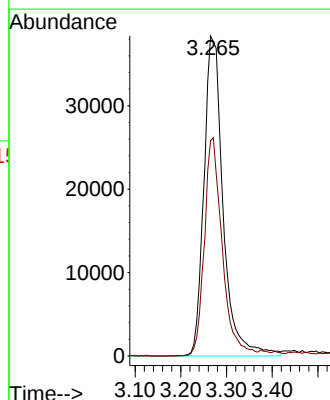
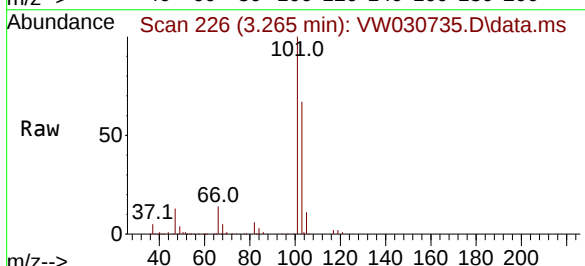
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ClientSampleId :
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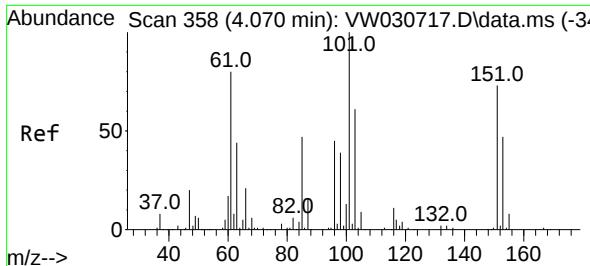
Tgt Ion: 64 Resp: 78089
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 16.697 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion:101 Resp: 111882
Ion Ratio Lower Upper
101 100
103 63.4 51.1 76.7

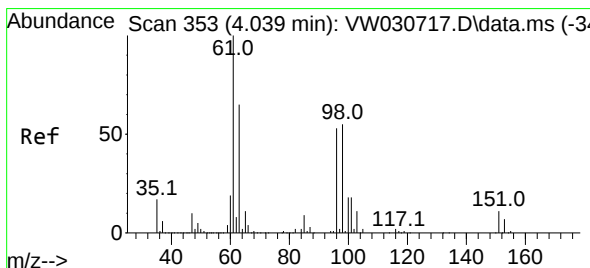
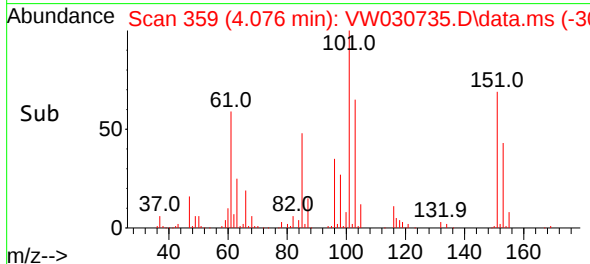
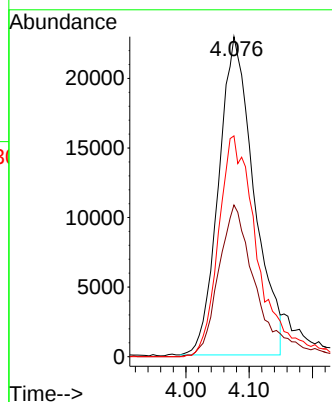
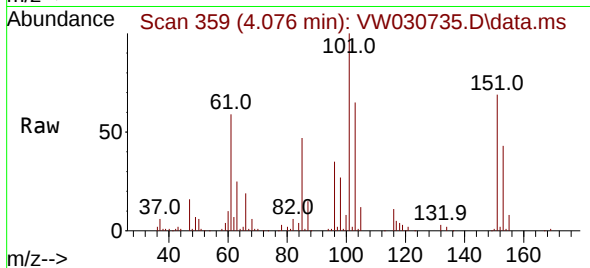




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.751 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW030735.D
 Acq: 23 Oct 2024 19:40

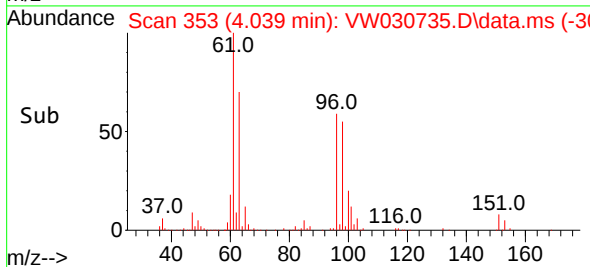
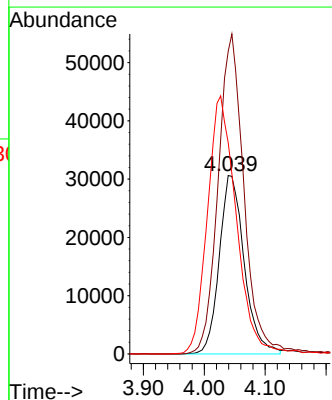
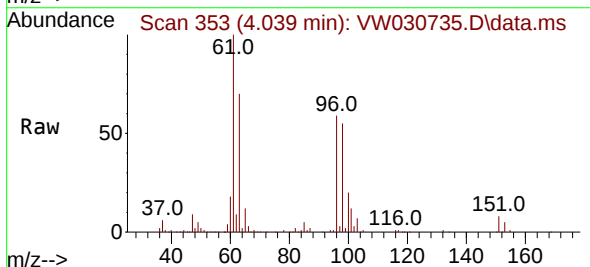
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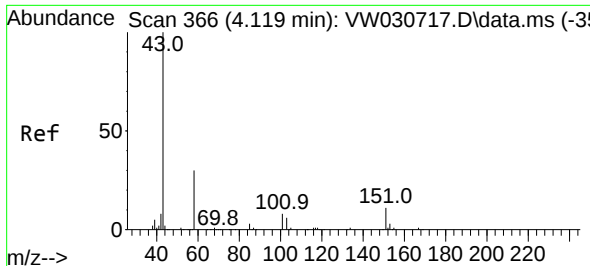
Tgt Ion:101 Resp: 88929
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.7 53.5
 151 38.8 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 15.824 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW030735.D
 Acq: 23 Oct 2024 19:40

Tgt Ion: 96 Resp: 87065
 Ion Ratio Lower Upper
 96 100
 61 169.6 121.3 225.3
 63 118.5 87.6 162.8





#13

Acetone

Concen: 16.149 ug/L

RT: 4.118 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

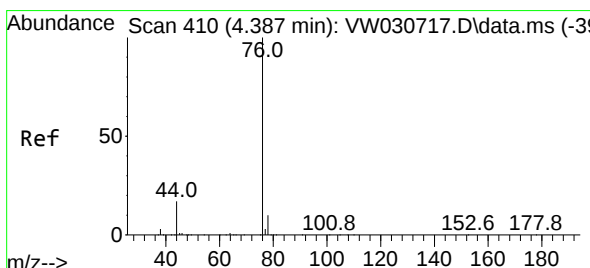
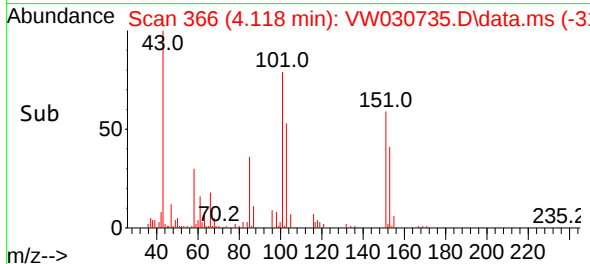
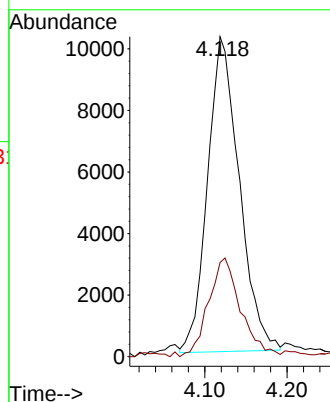
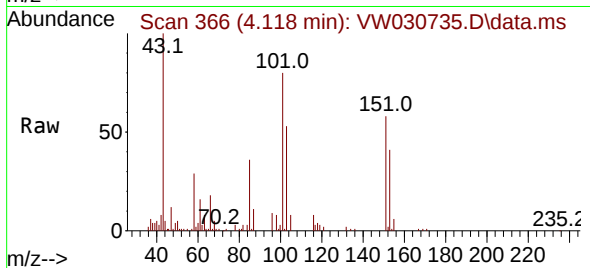
A4F40MSD

Tgt Ion: 43 Resp: 27426

Ion Ratio Lower Upper

43 100

58 31.0 0.0 57.6



#14

Carbon disulfide

Concen: 10.282 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

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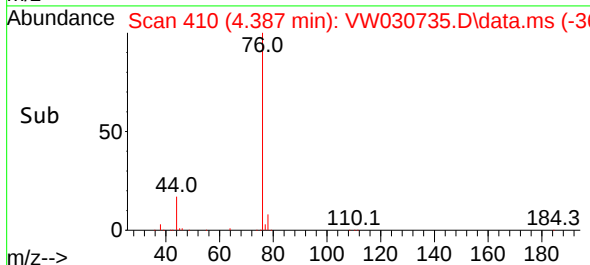
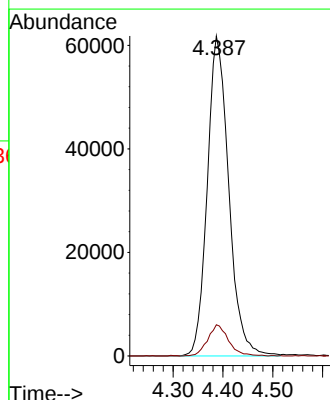
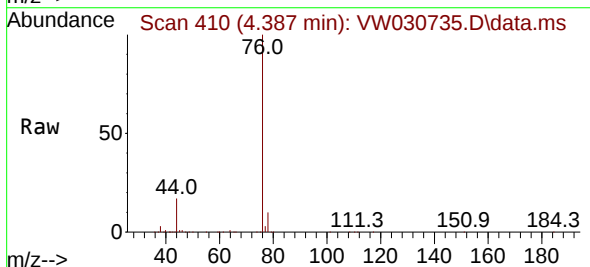
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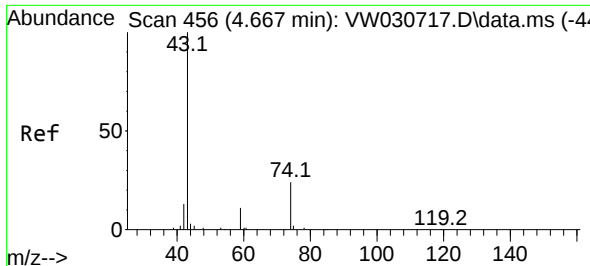
Tgt Ion: 76 Resp: 184742

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

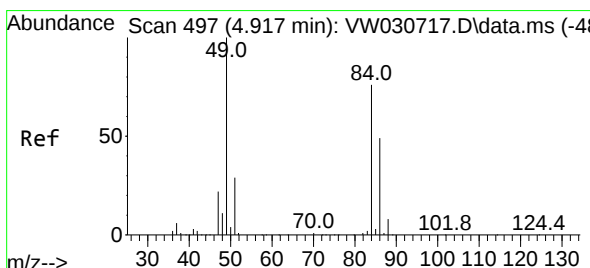
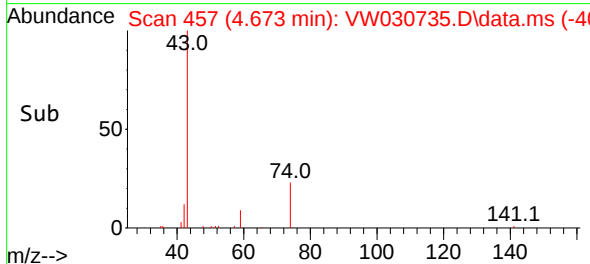
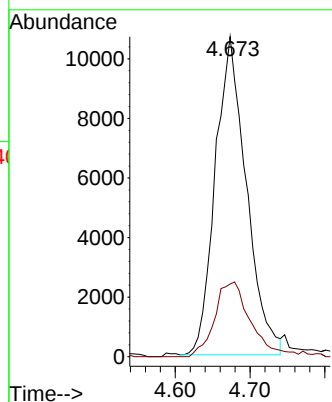
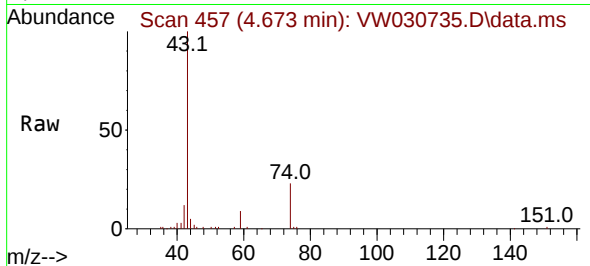




#15
Methyl Acetate
Concen: 14.711 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

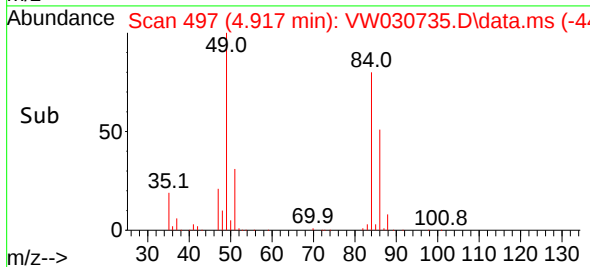
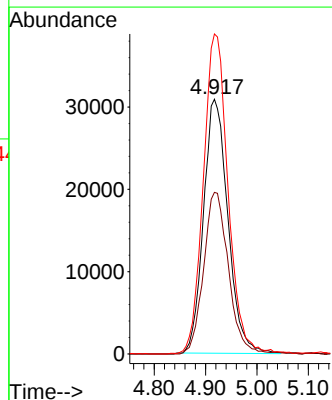
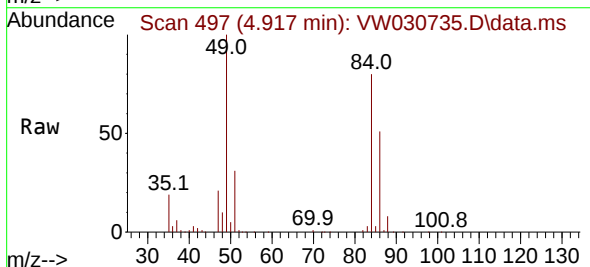
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

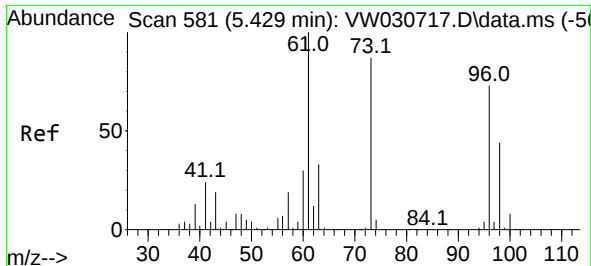
Tgt Ion: 43 Resp: 30862
Ion Ratio Lower Upper
43 100
74 26.8 19.3 28.9



#16
Methylene chloride
Concen: 16.436 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion: 84 Resp: 101902
Ion Ratio Lower Upper
84 100
86 63.5 43.8 81.3
49 125.6 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 15.470 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

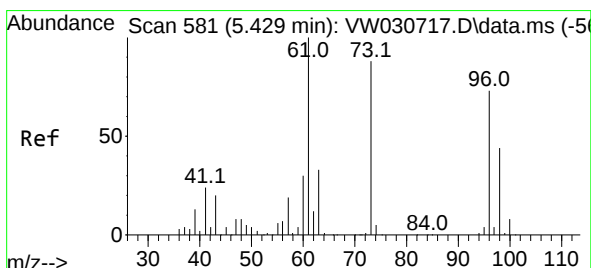
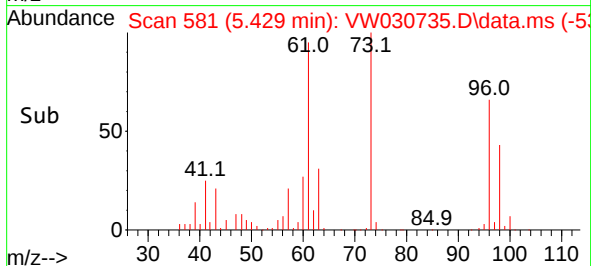
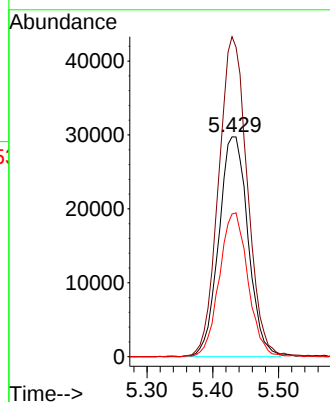
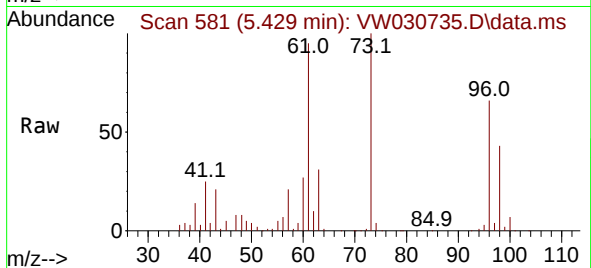
Tgt Ion: 96 Resp: 91848

Ion Ratio Lower Upper

96 100

61 145.5 96.9 179.9

98 64.9 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 19.017 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

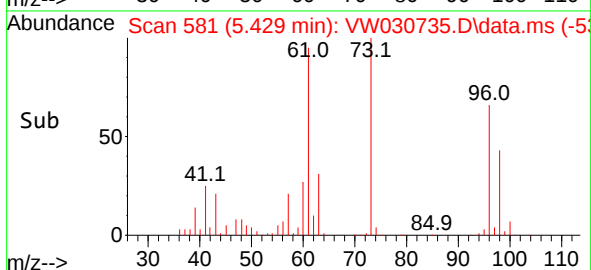
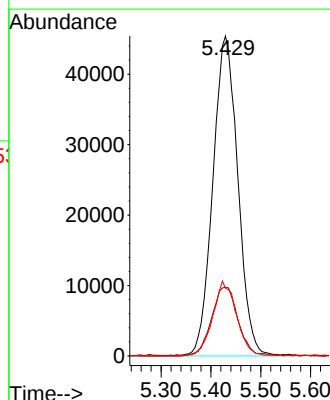
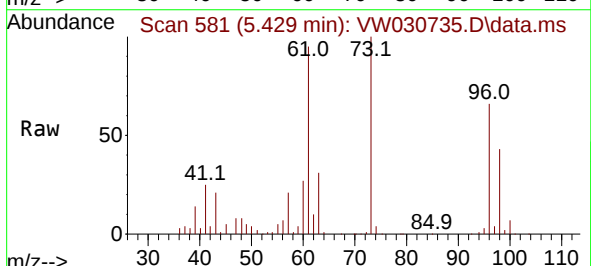
Tgt Ion: 73 Resp: 158018

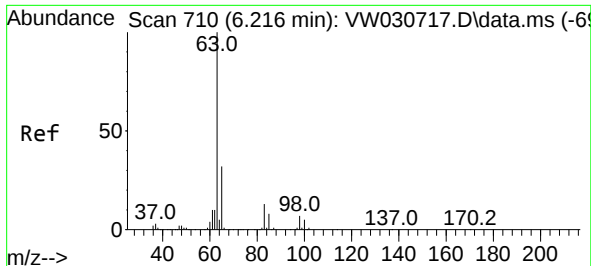
Ion Ratio Lower Upper

73 100

43 21.9 18.1 27.1

57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 17.936 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

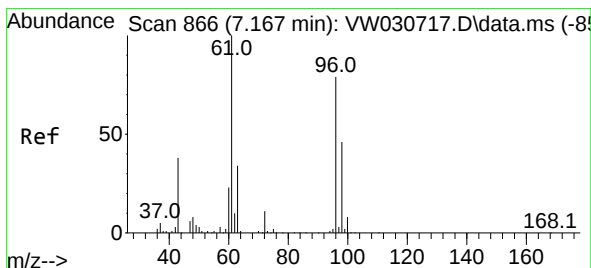
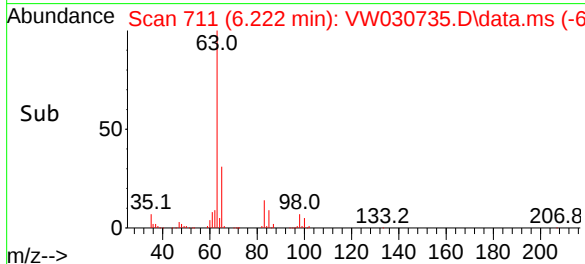
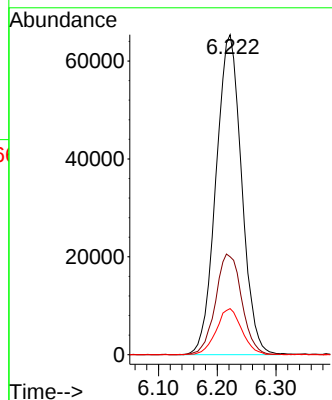
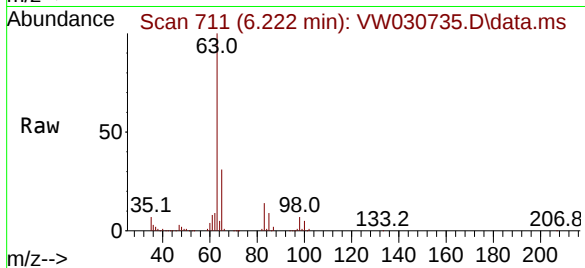
Tgt Ion: 63 Resp: 197909

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 14.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 17.059 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

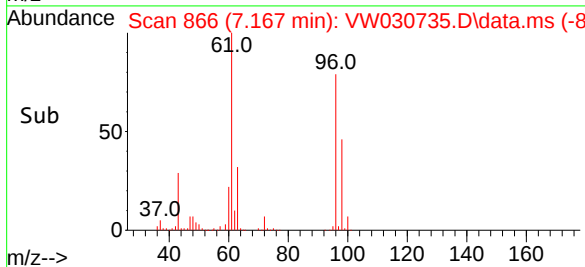
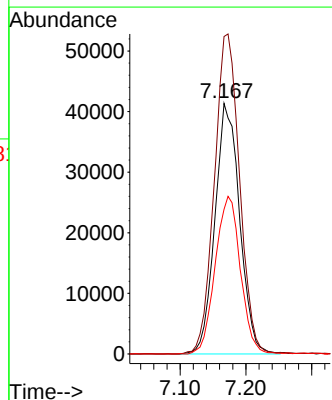
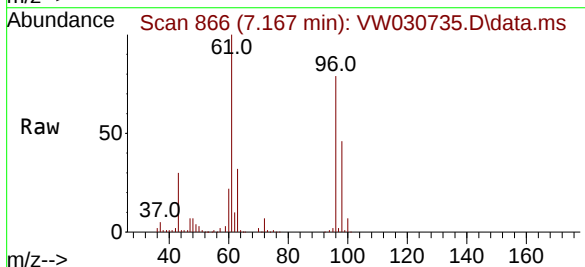
Tgt Ion: 96 Resp: 108027

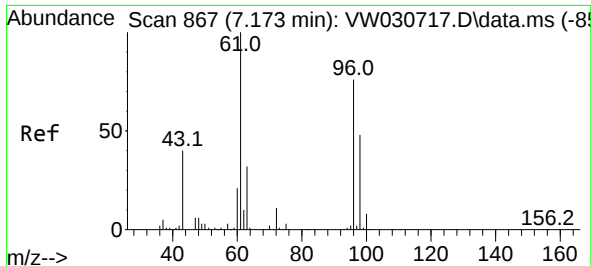
Ion Ratio Lower Upper

96 100

61 126.6 88.3 163.9

98 57.7 41.3 76.7

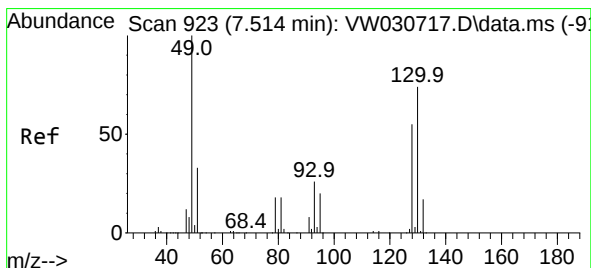
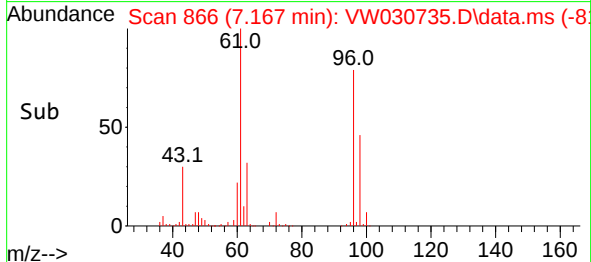
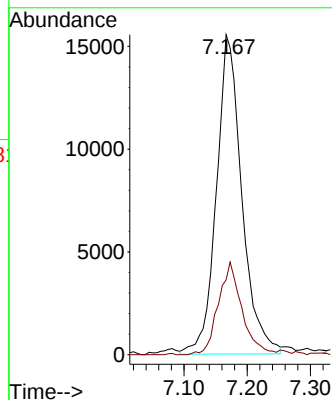
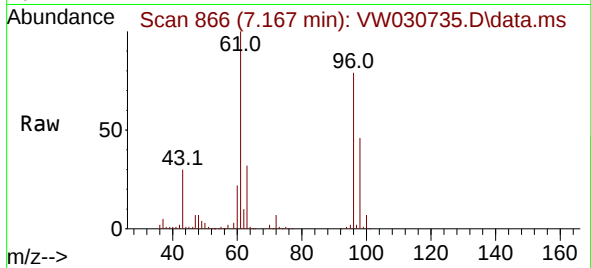




#22
2-Butanone
Concen: 23.657 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

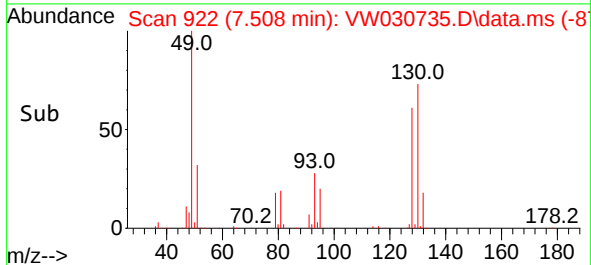
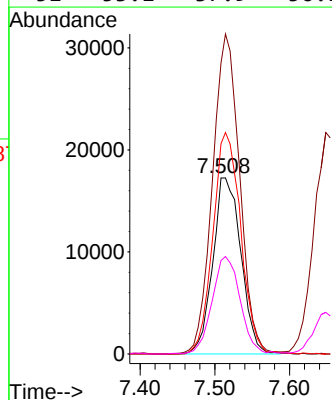
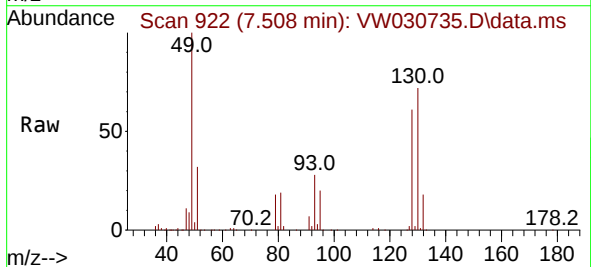
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

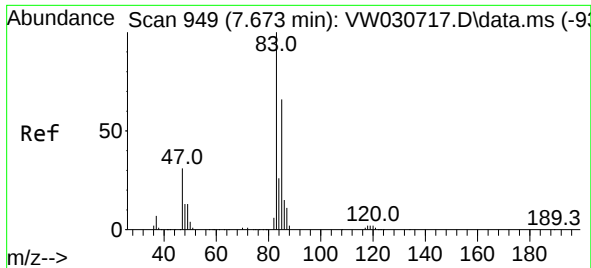
Tgt Ion: 43 Resp: 43308
Ion Ratio Lower Upper
43 100
72 26.8 14.4 43.0



#23
Bromochloromethane
Concen: 16.272 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion:128 Resp: 45078
Ion Ratio Lower Upper
128 100
49 165.2 110.1 204.5
130 119.4 82.9 153.9
51 53.1 37.9 56.9

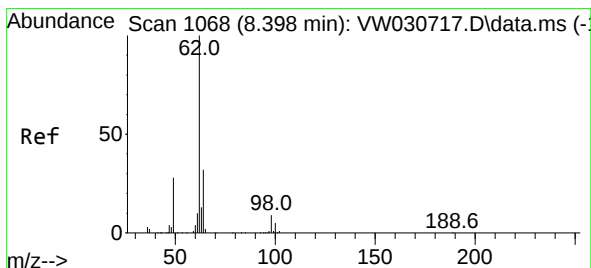
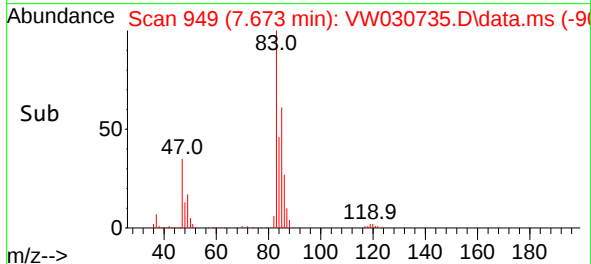
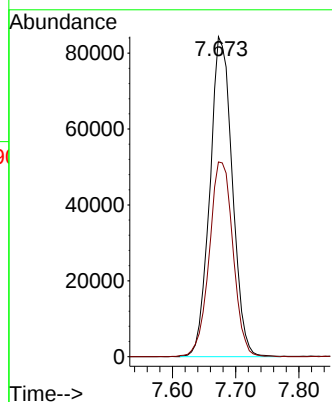
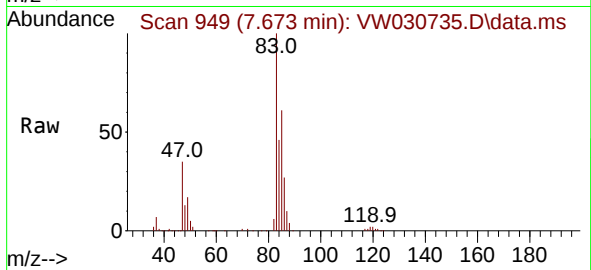




#25
Chloroform
Concen: 17.599 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

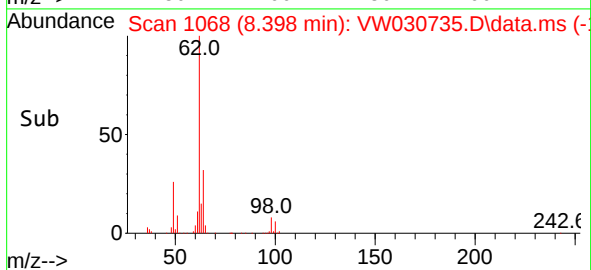
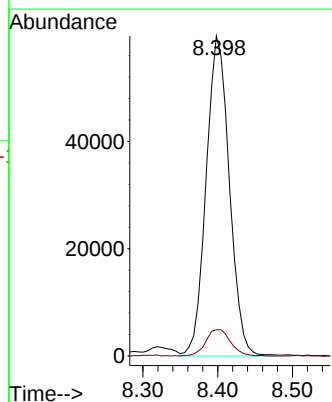
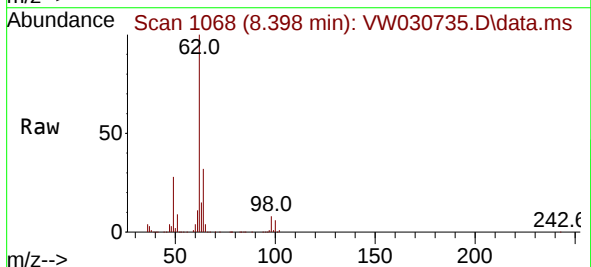
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

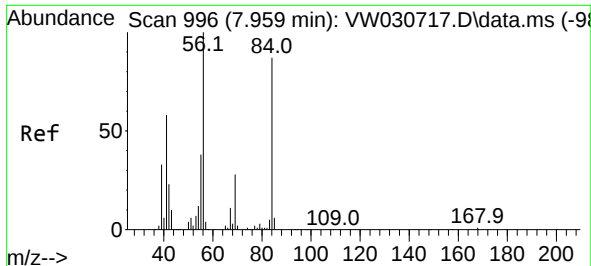
Tgt Ion: 83 Resp: 207524
Ion Ratio Lower Upper
83 100
85 60.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 16.571 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion: 62 Resp: 128915
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6





#29

Cyclohexane

Concen: 17.903 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

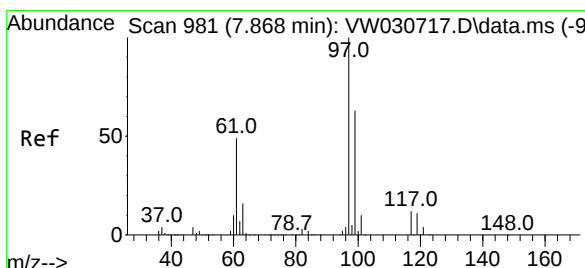
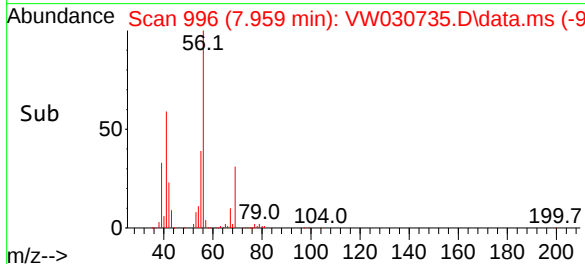
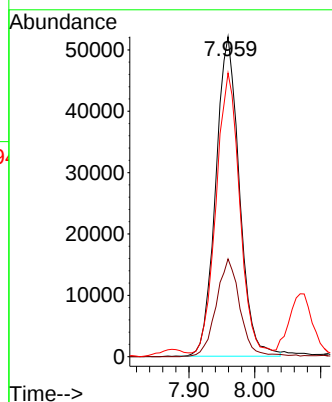
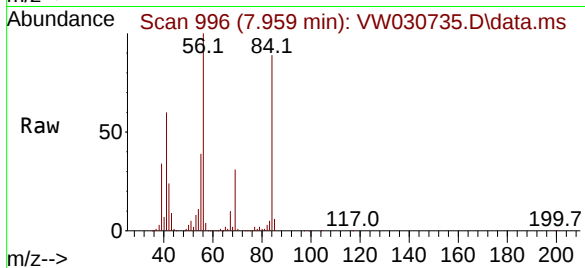
Tgt Ion: 56 Resp: 130690

Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

84 89.2 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 20.453 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

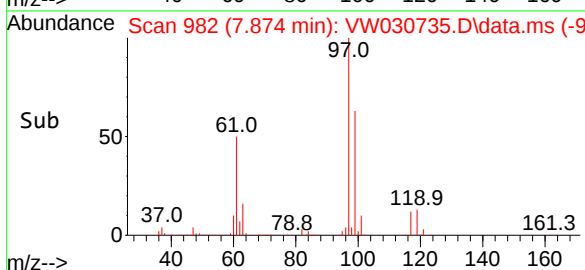
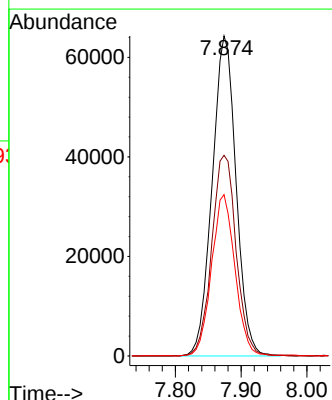
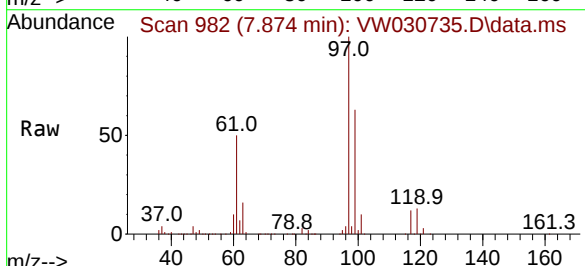
Tgt Ion: 97 Resp: 162822

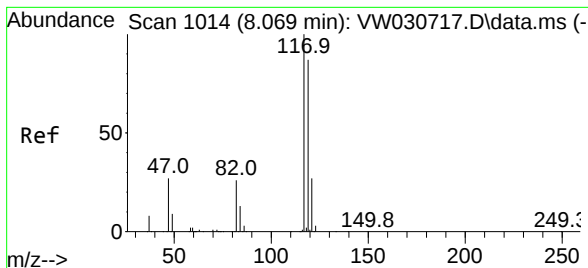
Ion Ratio Lower Upper

97 100

99 64.1 52.3 78.5

61 49.4 38.5 57.7





#31

Carbon tetrachloride

Concen: 18.661 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

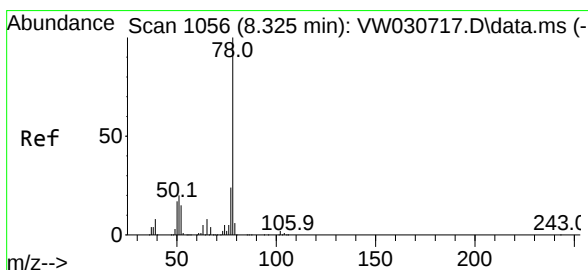
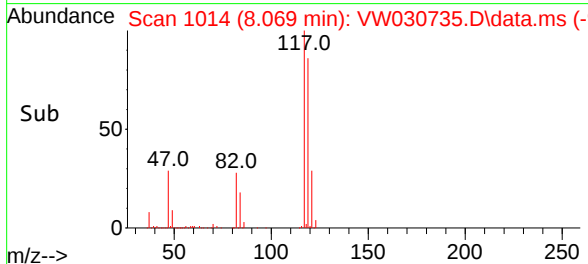
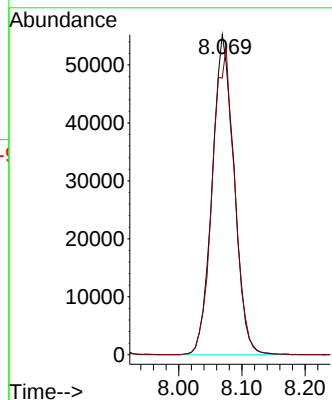
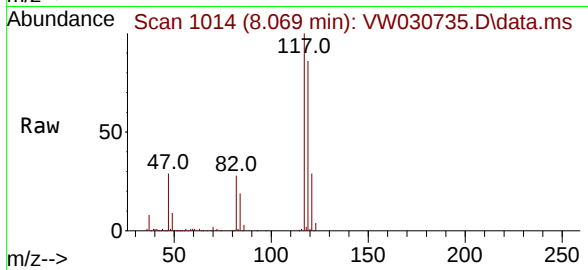
A4F40MSD

Tgt Ion:117 Resp: 132684

Ion Ratio Lower Upper

117 100

119 97.5 77.8 116.8



#33

Benzene

Concen: 20.727 ug/L

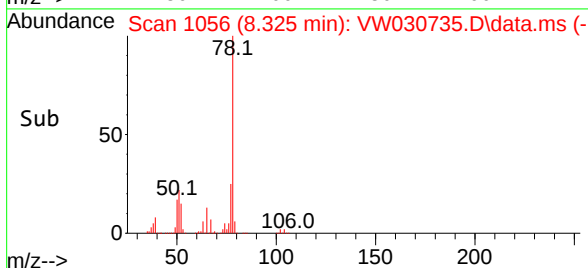
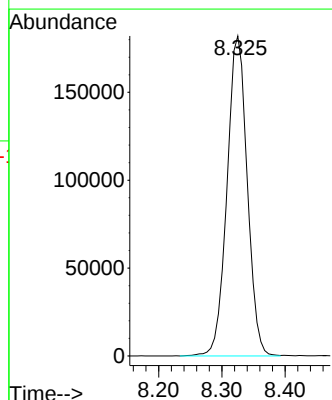
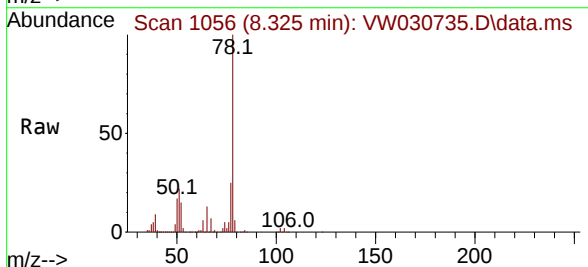
RT: 8.325 min Scan# 1056

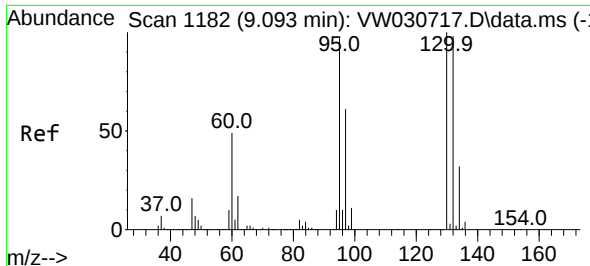
Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Tgt Ion: 78 Resp: 404487





#34

Trichloroethene

Concen: 18.090 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

Tgt Ion: 95 Resp: 98214

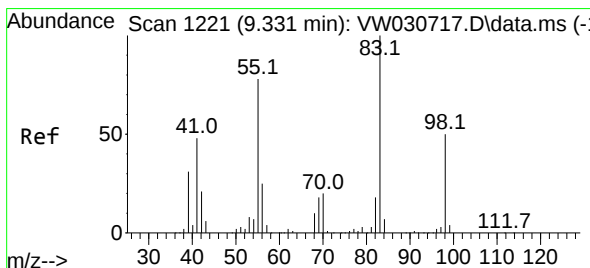
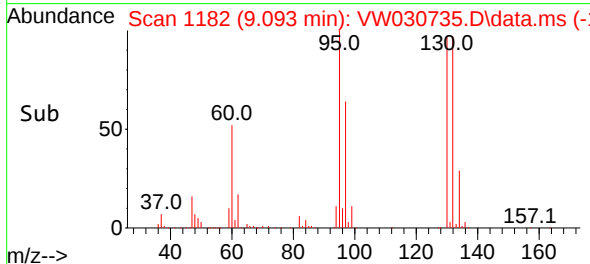
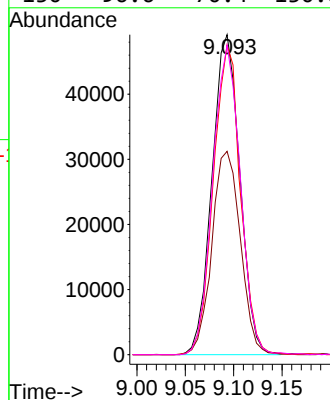
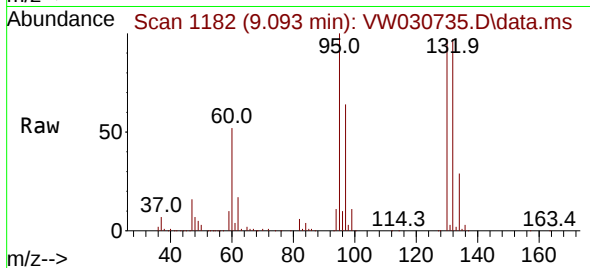
Ion Ratio Lower Upper

95 100

97 63.6 45.9 85.3

132 96.8 66.4 123.2

130 96.6 70.4 130.8



#35

Methylcyclohexane

Concen: 14.985 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

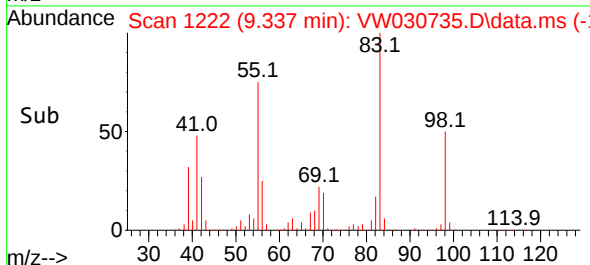
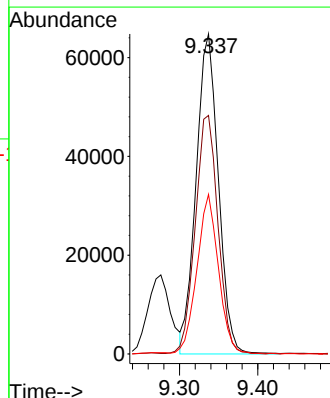
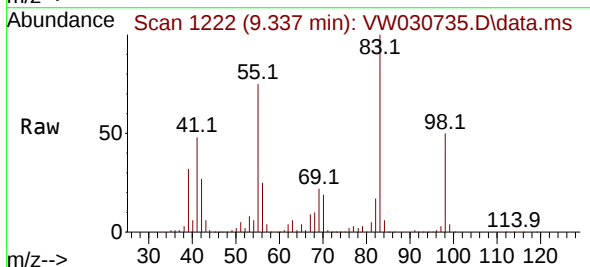
Tgt Ion: 83 Resp: 128034

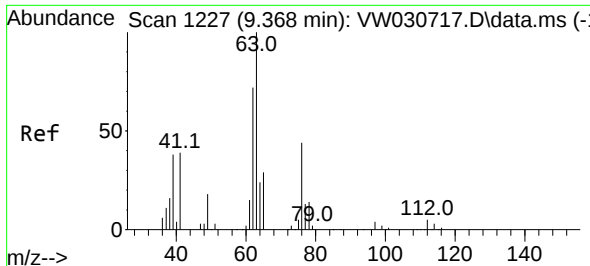
Ion Ratio Lower Upper

83 100

55 76.1 61.8 92.8

98 48.4 39.3 58.9





#37

1,2-Dichloropropane

Concen: 21.892 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

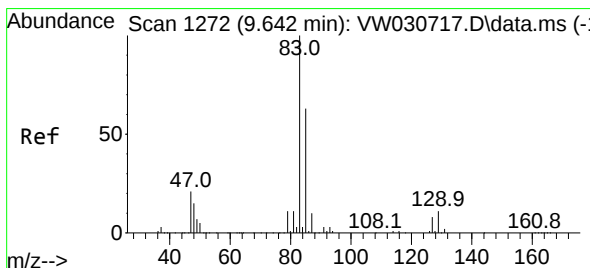
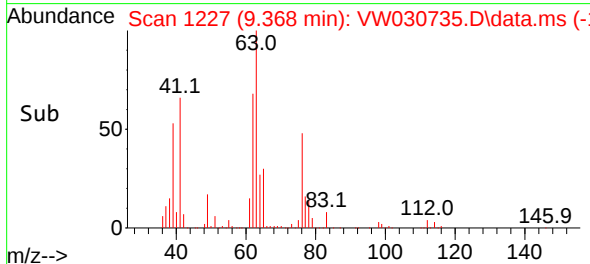
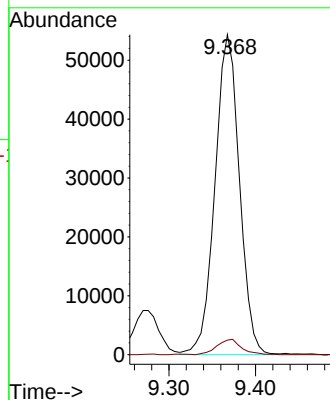
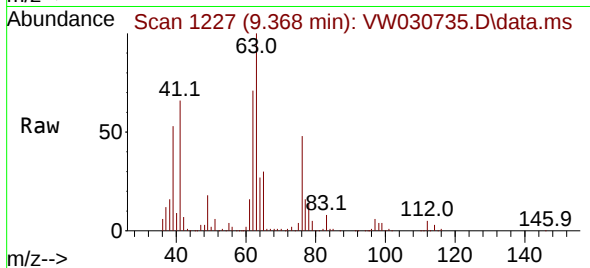
A4F40MSD

Tgt Ion: 63 Resp: 106704

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 21.172 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

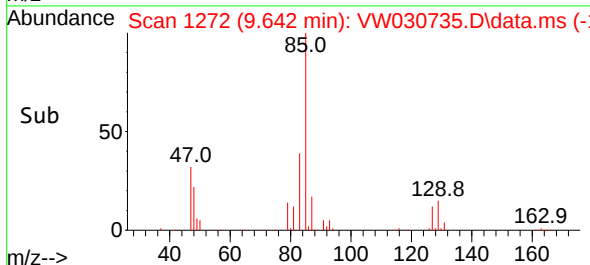
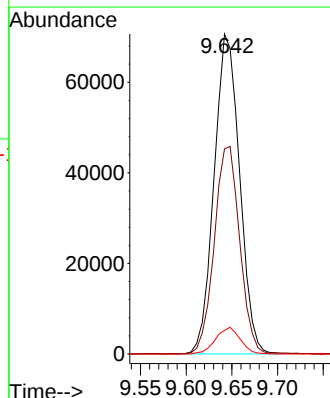
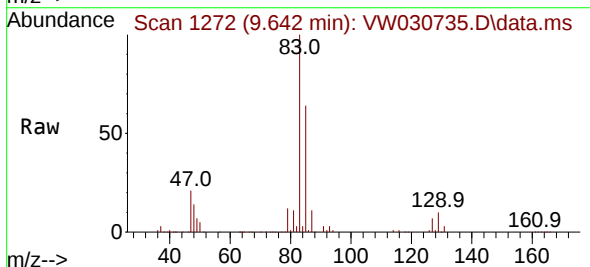
Tgt Ion: 83 Resp: 137293

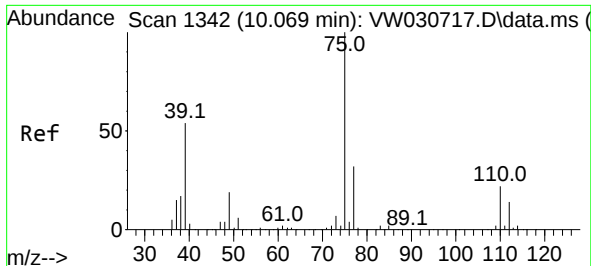
Ion Ratio Lower Upper

83 100

85 64.1 44.2 82.0

127 7.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 19.597 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

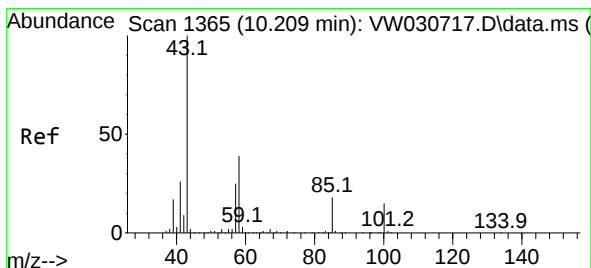
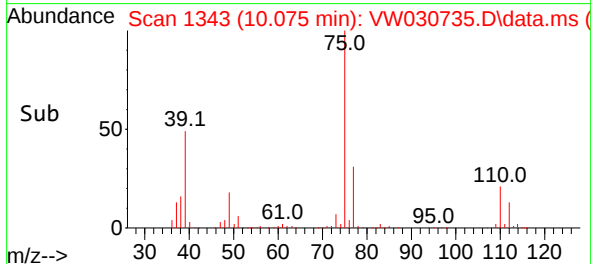
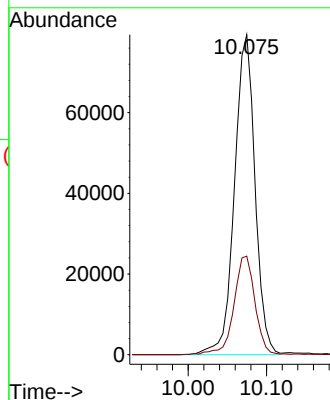
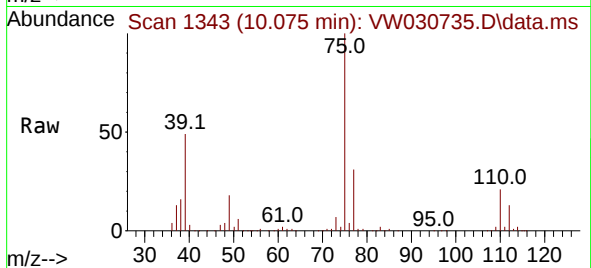
A4F40MSD

Tgt Ion: 75 Resp: 144076

Ion Ratio Lower Upper

75 100

77 30.8 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 41.102 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

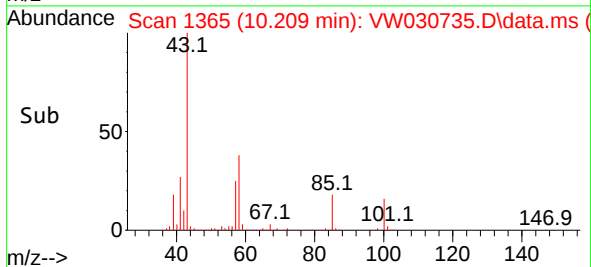
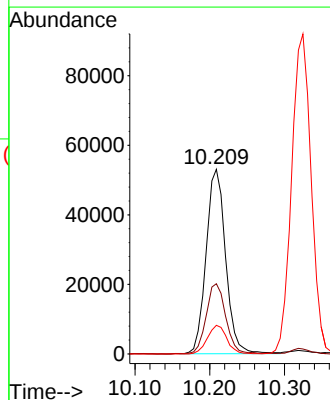
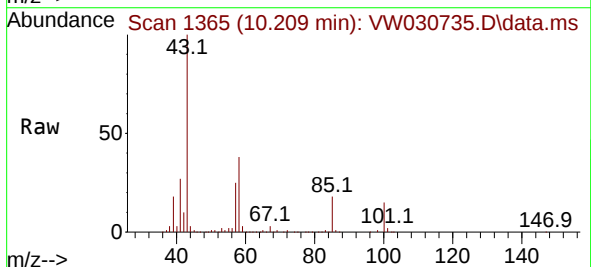
Tgt Ion: 43 Resp: 96241

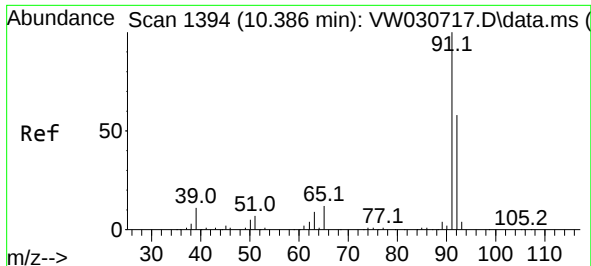
Ion Ratio Lower Upper

43 100

58 38.0 31.4 47.2

100 15.5 13.1 19.7

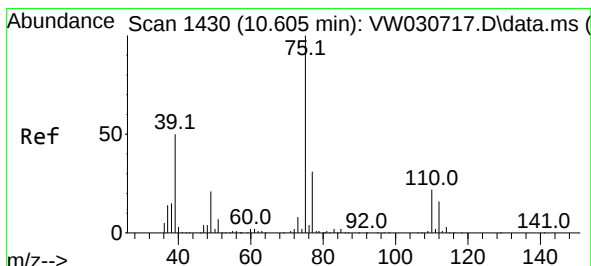
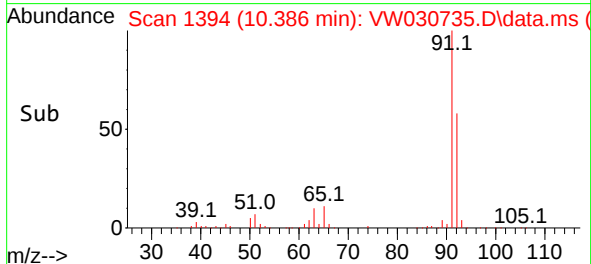
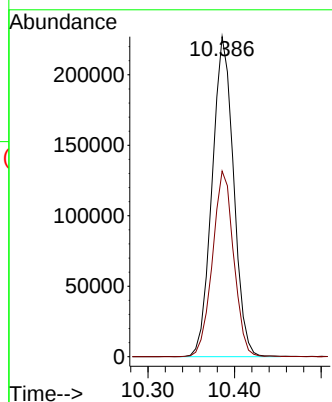
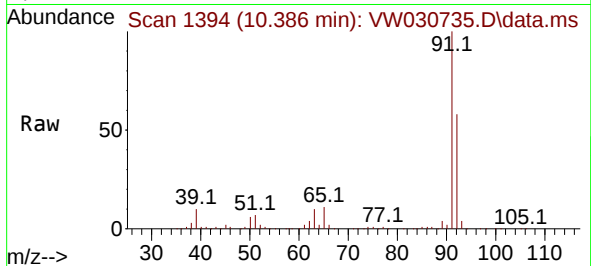




#42
Toluene
Concen: 18.776 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

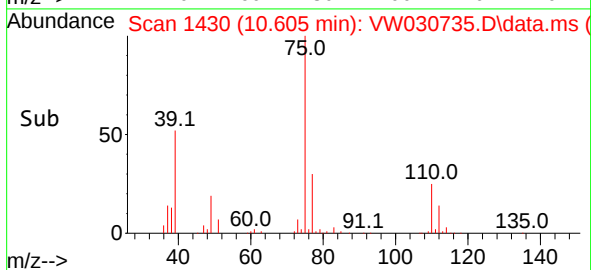
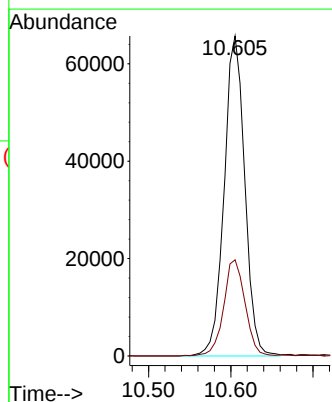
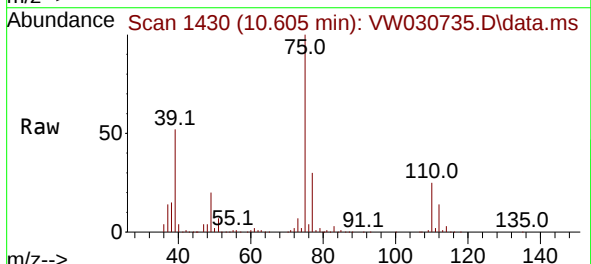
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

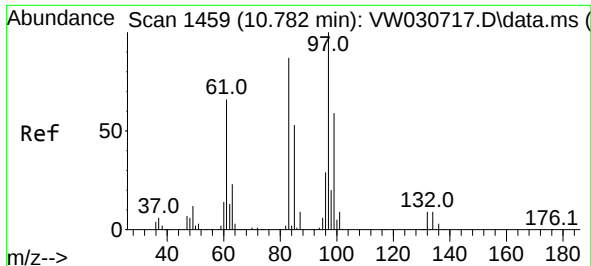
Tgt Ion: 91 Resp: 390914
Ion Ratio Lower Upper
91 100
92 58.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 18.509 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion: 75 Resp: 114345
Ion Ratio Lower Upper
75 100
77 30.0 21.6 40.2



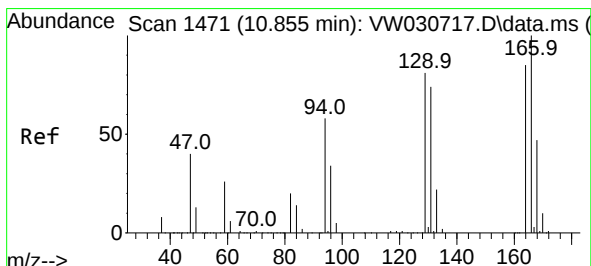
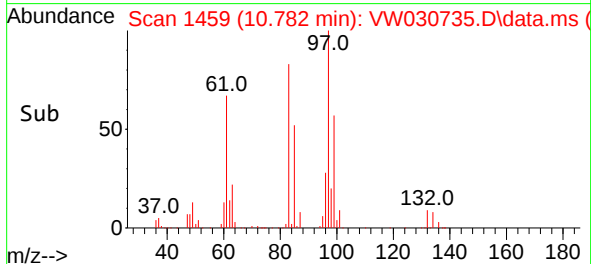
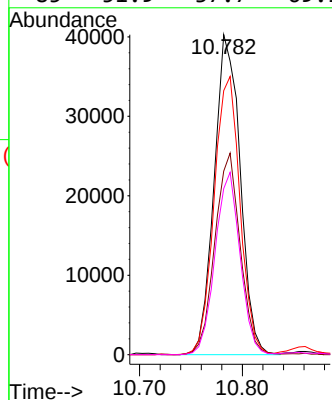
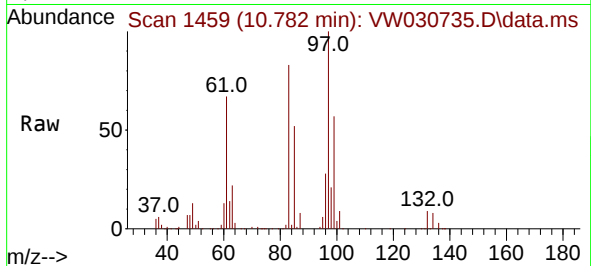


#45
1,1,2-Trichloroethane
Concen: 20.083 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

Tgt Ion: 97 Resp: 70743

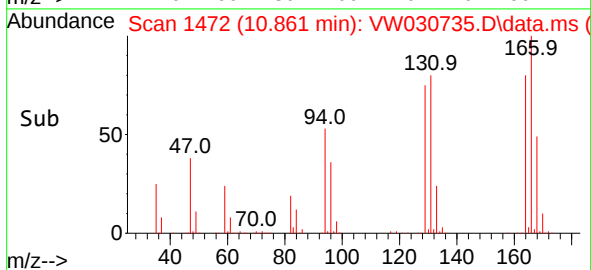
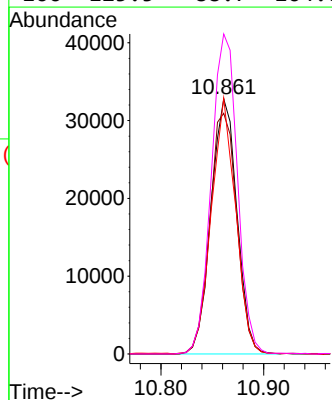
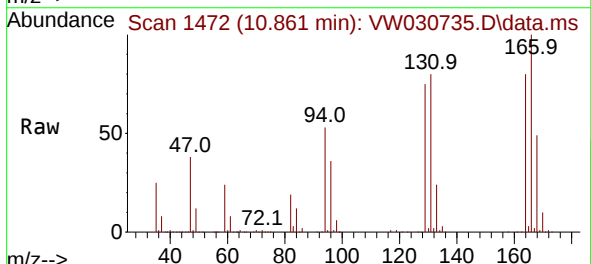
Ion	Ratio	Lower	Upper
97	100		
99	57.4	41.2	76.6
83	82.5	59.6	110.6
85	51.9	37.7	69.9

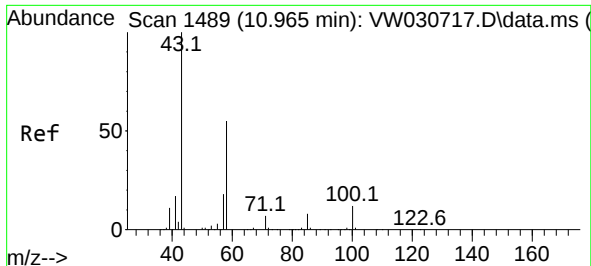


#46
Tetrachloroethene
Concen: 14.348 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion: 164 Resp: 57455

Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.6	123.6
131	100.3	63.7	118.3
166	125.5	88.7	164.7

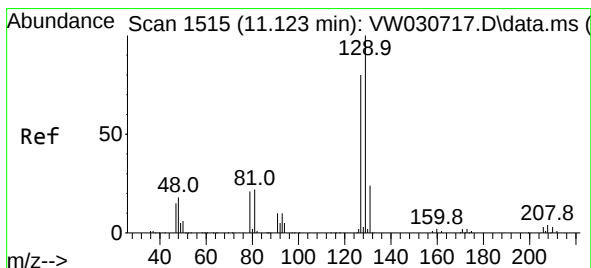
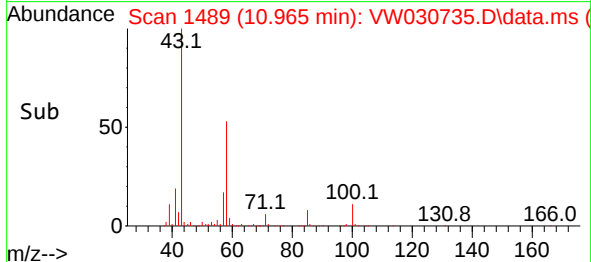
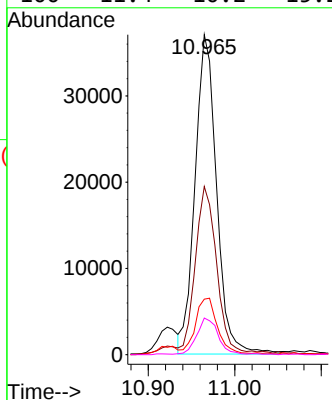
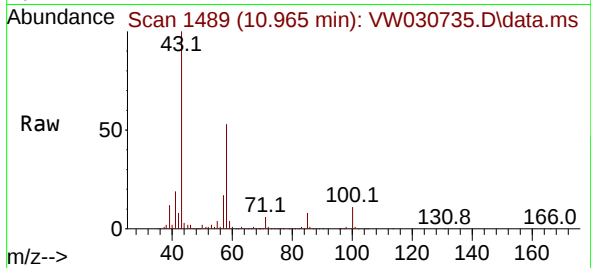




#48
2-Hexanone
Concen: 33.464 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

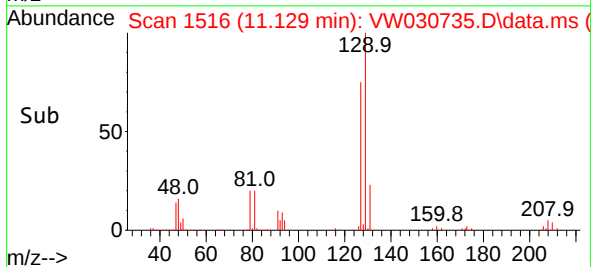
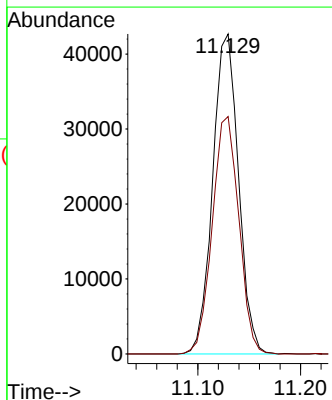
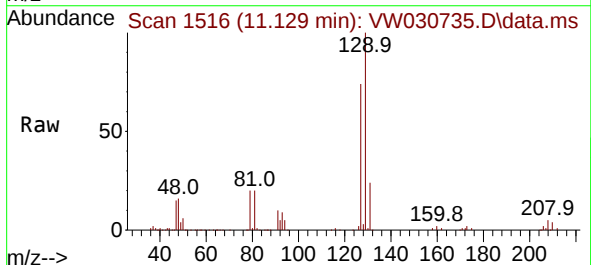
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

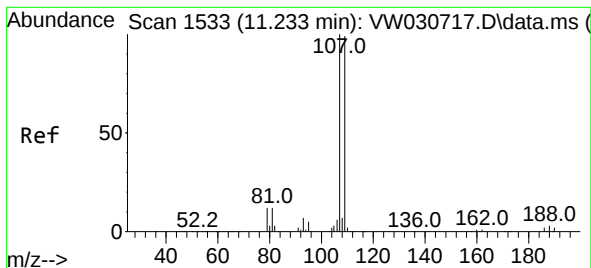
Tgt Ion:	43	Resp:	64078
Ion	Ratio	Lower	Upper
43	100		
58	52.3	44.6	67.0
57	18.4	15.8	23.8
100	11.4	10.2	15.2



#49
Dibromochloromethane
Concen: 18.914 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion:	129	Resp:	74340
Ion	Ratio	Lower	Upper
129	100		
127	74.2	56.5	104.9





#50

1,2-Dibromoethane

Concen: 17.789 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

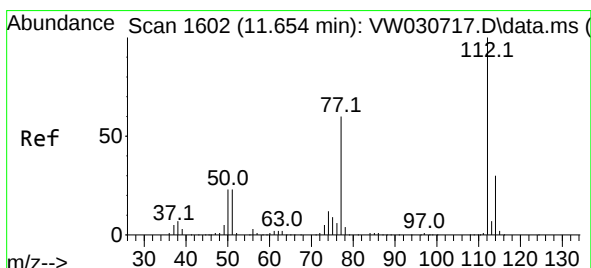
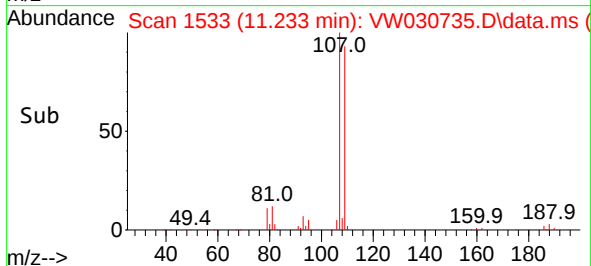
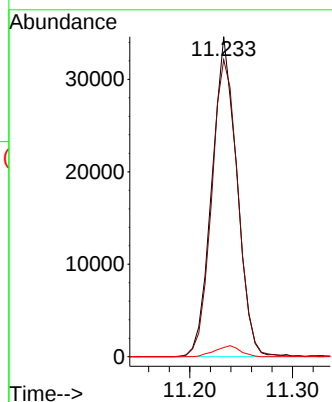
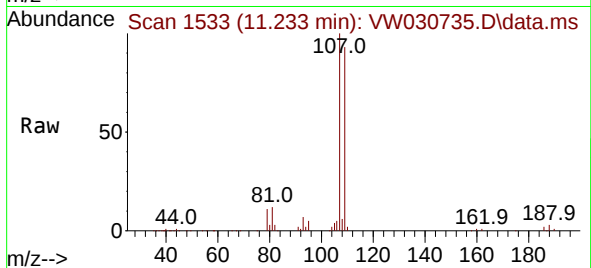
Tgt Ion:107 Resp: 58473

Ion Ratio Lower Upper

107 100

109 92.8 63.8 118.6

188 2.8 2.6 3.8



#51

Chlorobenzene

Concen: 16.372 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

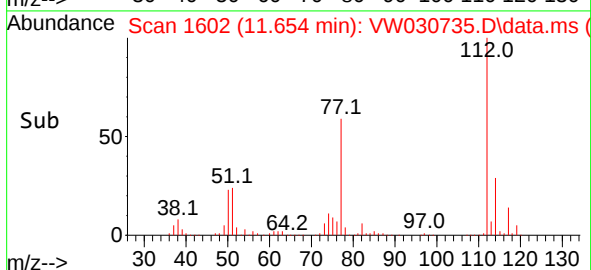
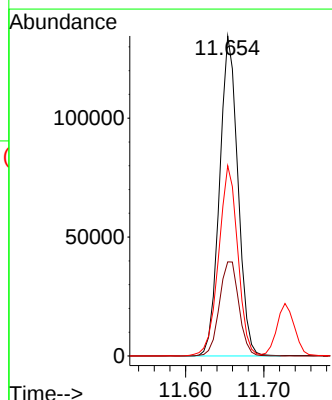
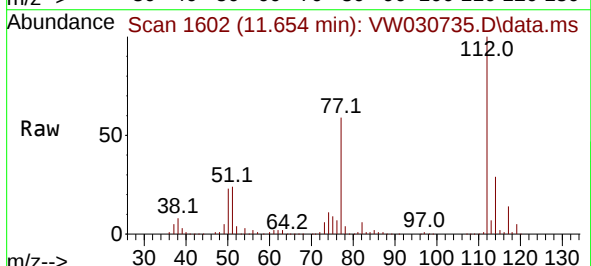
Tgt Ion:112 Resp: 219421

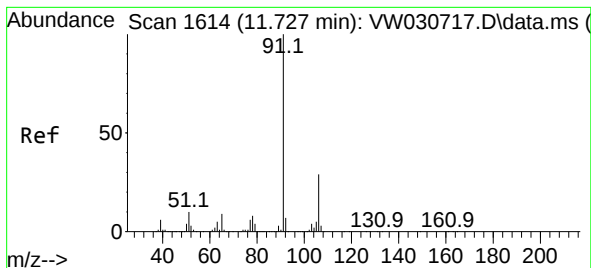
Ion Ratio Lower Upper

112 100

114 29.4 22.4 41.6

77 59.5 47.1 70.7





#52

Ethylbenzene

Concen: 15.249 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

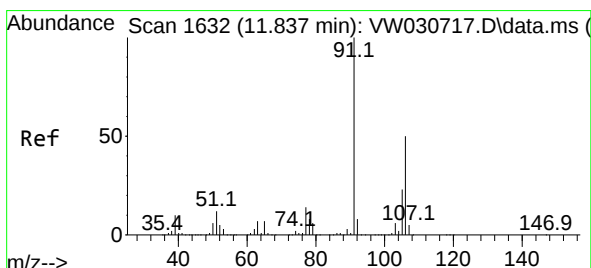
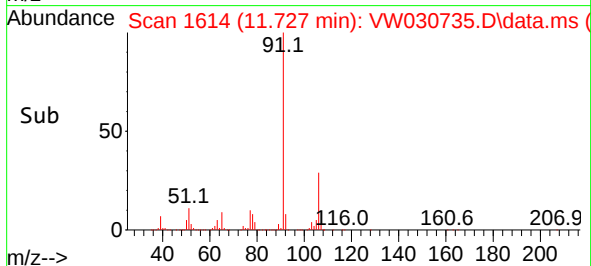
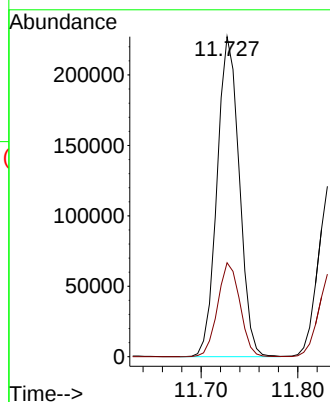
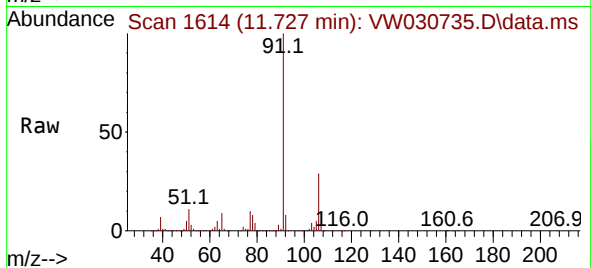
A4F40MSD

Tgt Ion: 91 Resp: 362260

Ion Ratio Lower Upper

91 100

106 29.4 21.1 39.1



#53

m,p-Xylene

Concen: 14.668 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030735.D

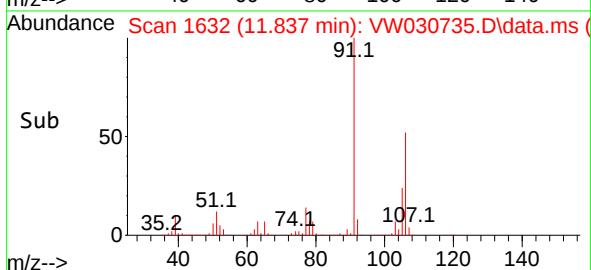
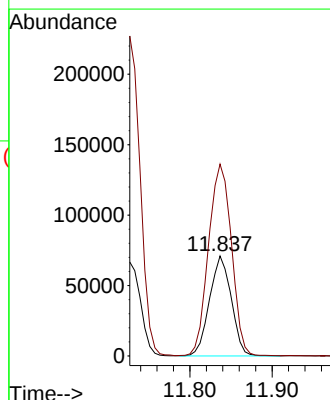
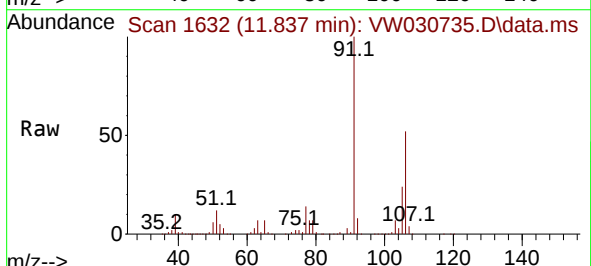
Acq: 23 Oct 2024 19:40

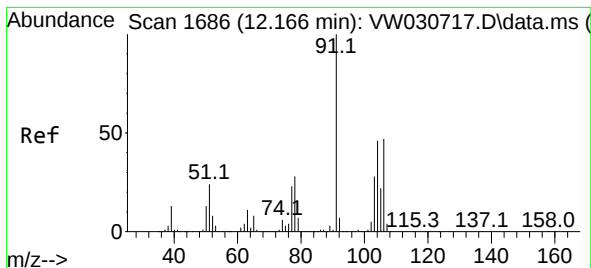
Tgt Ion: 106 Resp: 130546

Ion Ratio Lower Upper

106 100

91 191.9 140.6 261.2





#54

o-Xylene

Concen: 15.392 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

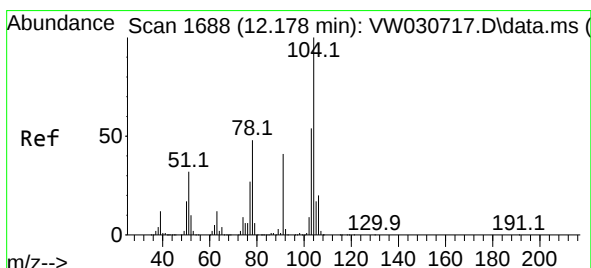
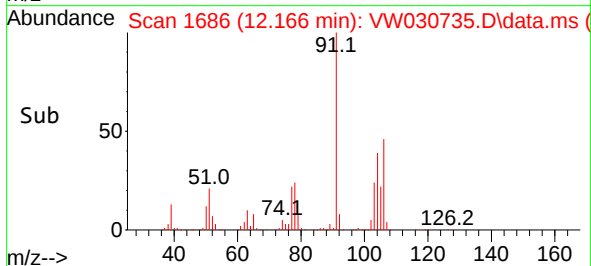
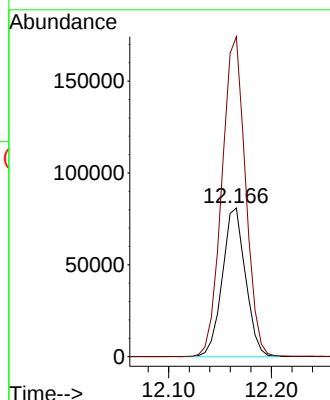
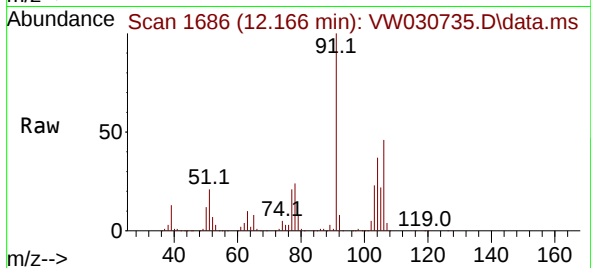
A4F40MSD

Tgt Ion:106 Resp: 126650

Ion Ratio Lower Upper

106 100

91 215.3 144.5 268.4



#55

Styrene

Concen: 14.418 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030735.D

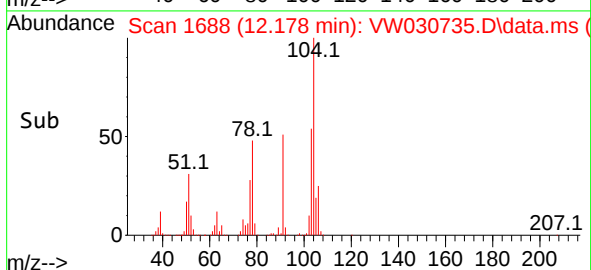
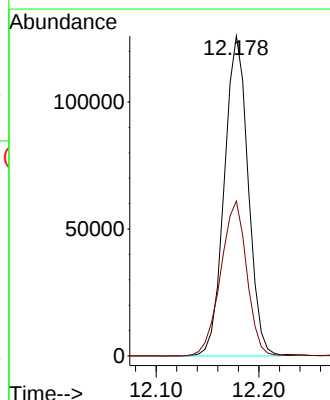
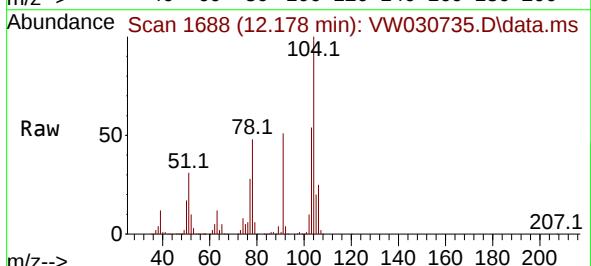
Acq: 23 Oct 2024 19:40

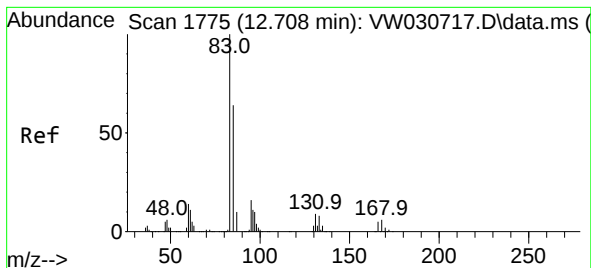
Tgt Ion:104 Resp: 202812

Ion Ratio Lower Upper

104 100

78 48.4 34.3 63.7

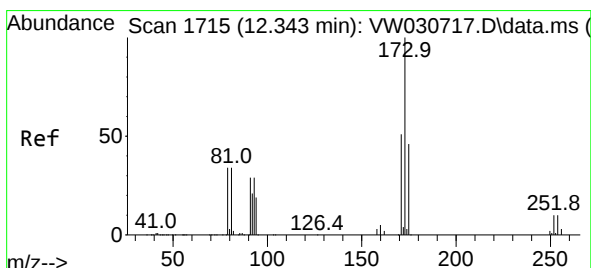
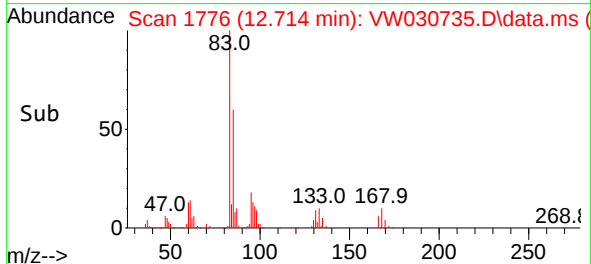
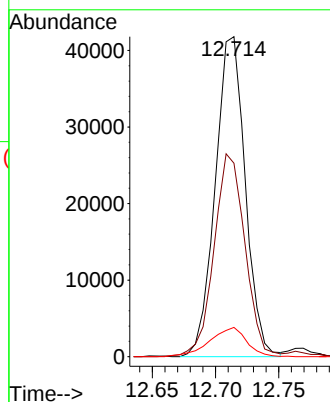
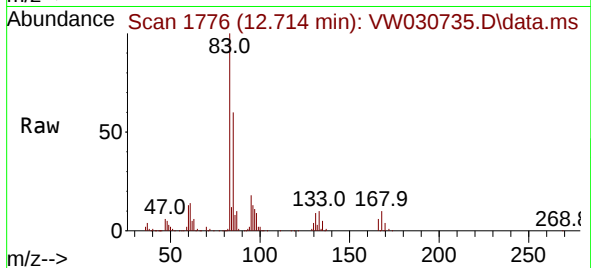




#57
1,1,2,2-Tetrachloroethane
Concen: 17.371 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

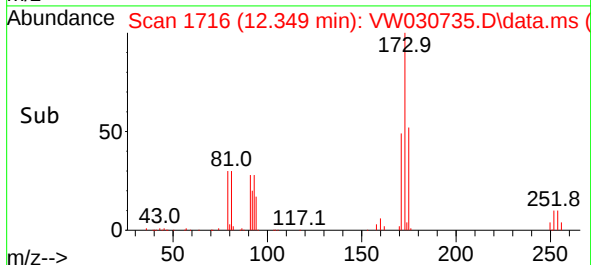
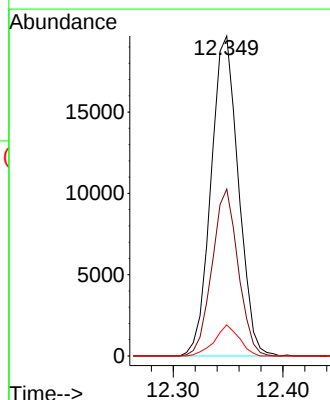
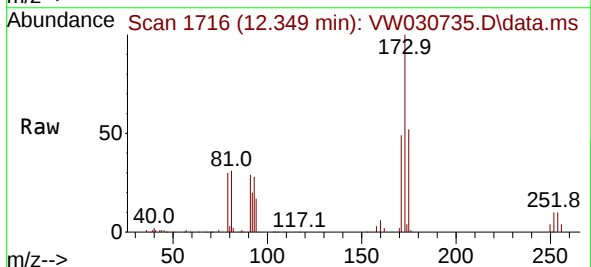
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

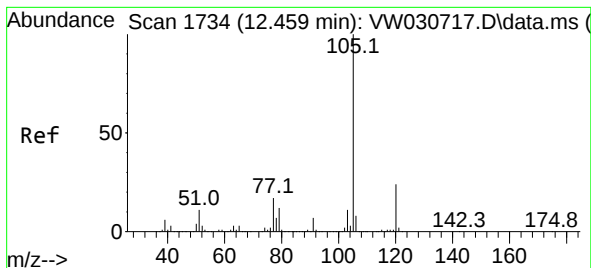
Tgt Ion: 83 Resp: 69006
Ion Ratio Lower Upper
83 100
85 60.5 42.6 79.2
131 9.2 7.4 11.0



#59
Bromoform
Concen: 25.359 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion: 173 Resp: 34199
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 8.7 7.7 11.5





#60

Isopropylbenzene

Concen: 20.534 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

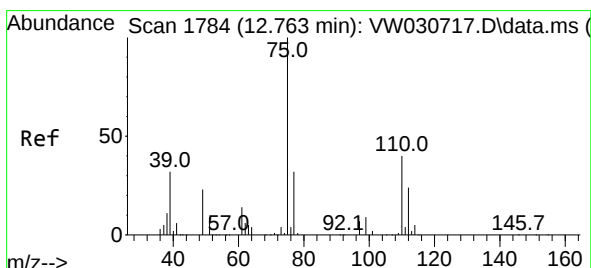
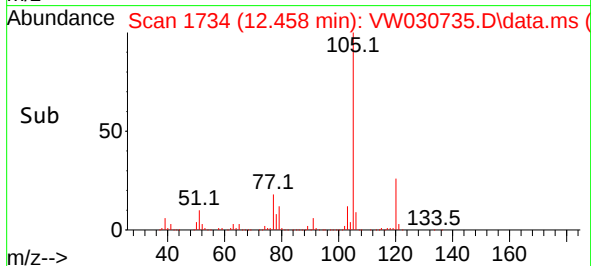
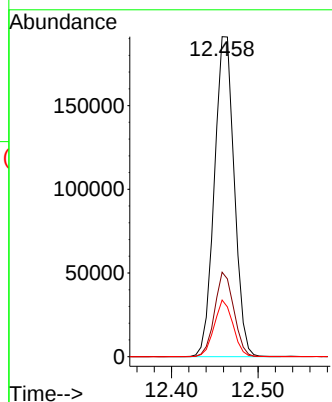
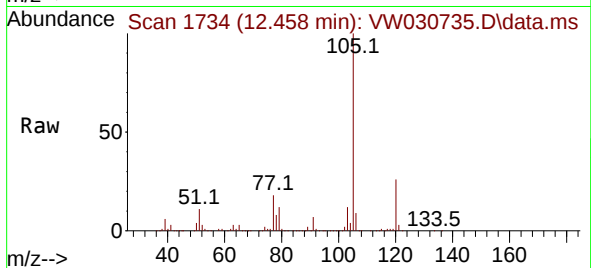
Tgt Ion:105 Resp: 305234

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 27.762 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

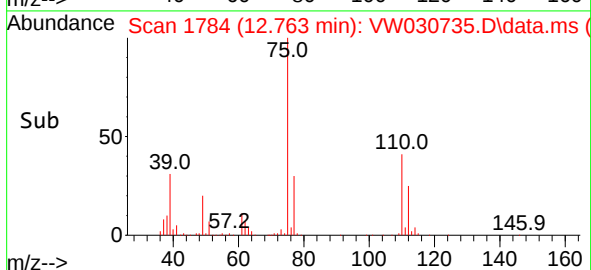
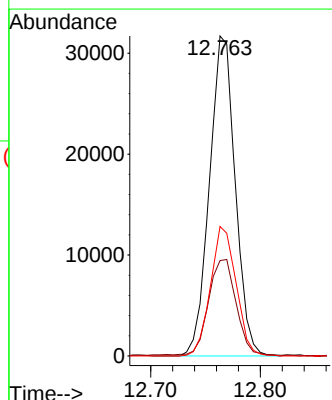
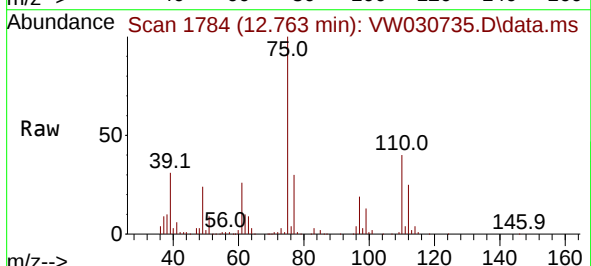
Tgt Ion: 75 Resp: 51855

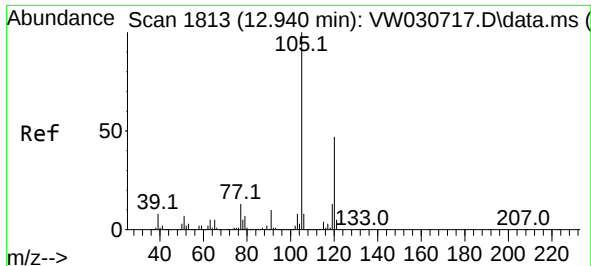
Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5

110 40.2 32.3 48.5

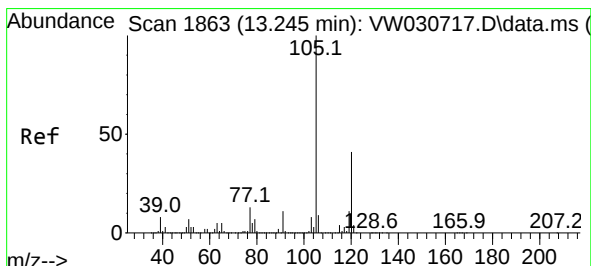
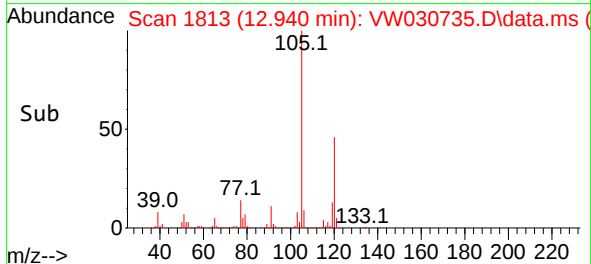
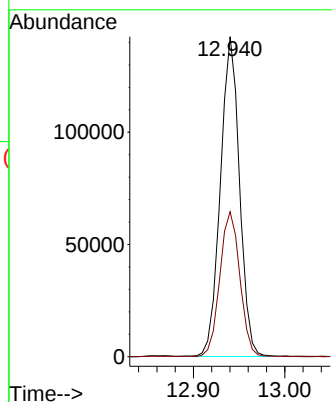
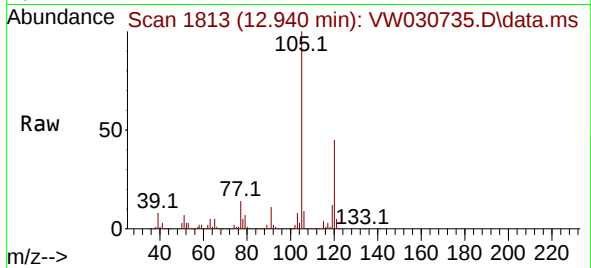




#62
1,3,5-Trimethylbenzene
Concen: 17.708 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

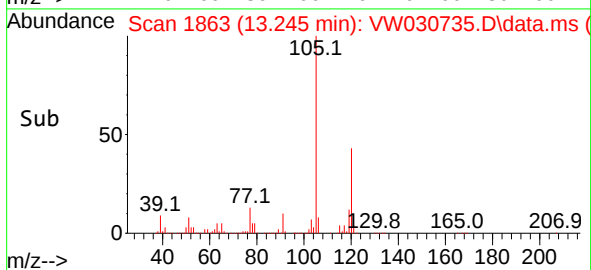
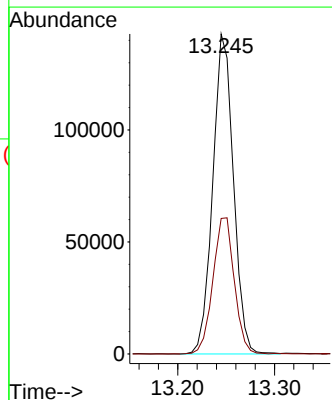
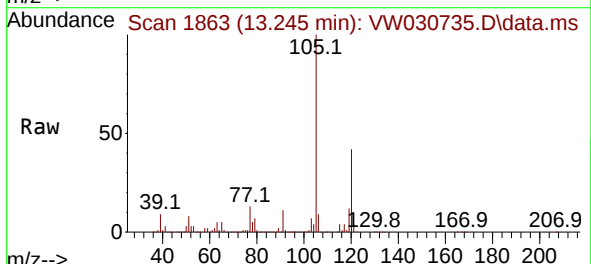
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

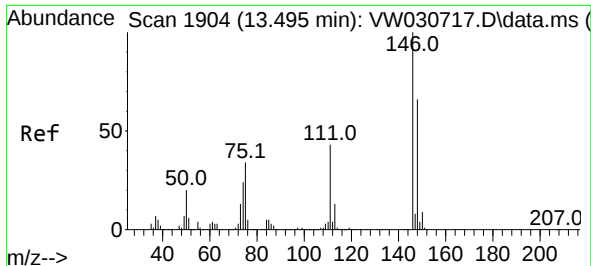
Tgt Ion:105 Resp: 207673
Ion Ratio Lower Upper
105 100
120 47.4 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 18.474 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion:105 Resp: 212123
Ion Ratio Lower Upper
105 100
120 44.1 35.8 53.6

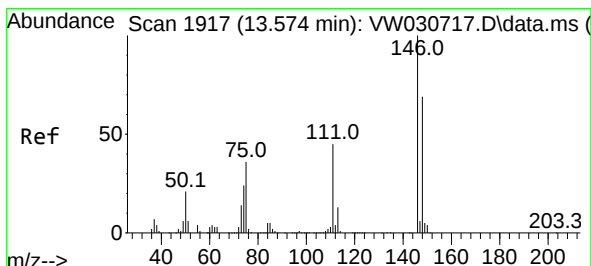
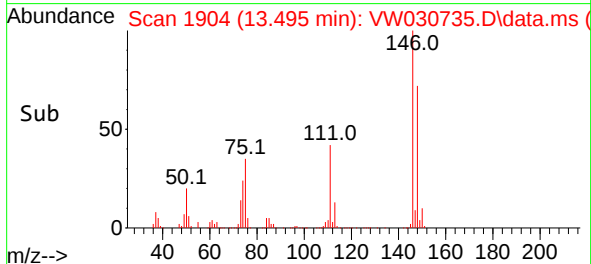
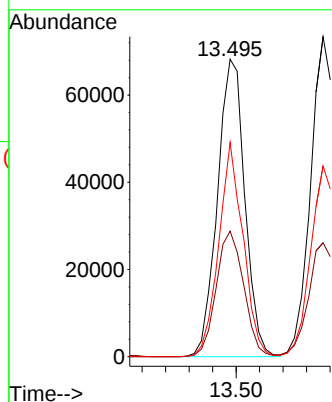
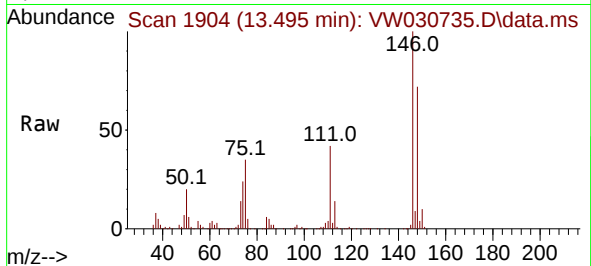




#64
1,3-Dichlorobenzene
Concen: 17.087 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

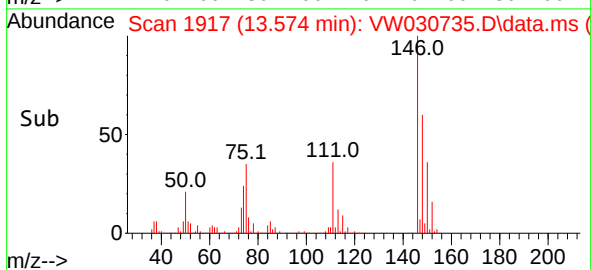
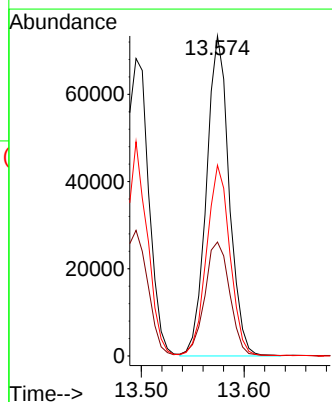
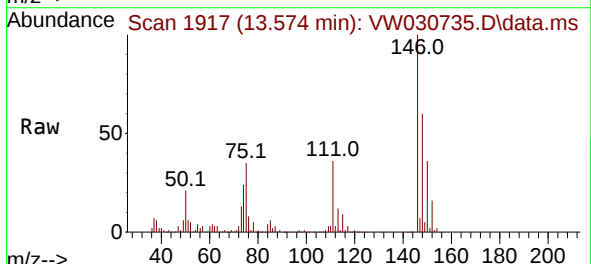
Instrument :
MSVOA_W
ClientSampleId :
A4F40MSD

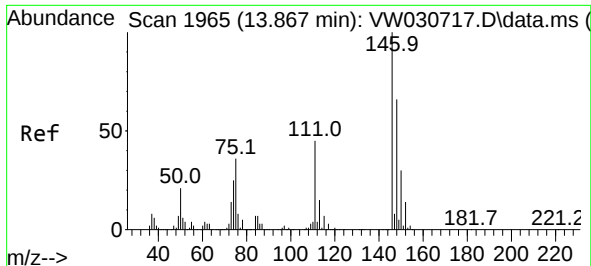
Tgt Ion:146 Resp: 110557
Ion Ratio Lower Upper
146 100
111 42.2 31.2 58.0
148 72.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 16.887 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030735.D
Acq: 23 Oct 2024 19:40

Tgt Ion:146 Resp: 112823
Ion Ratio Lower Upper
146 100
111 35.6 26.8 49.8
148 59.6 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 17.130 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

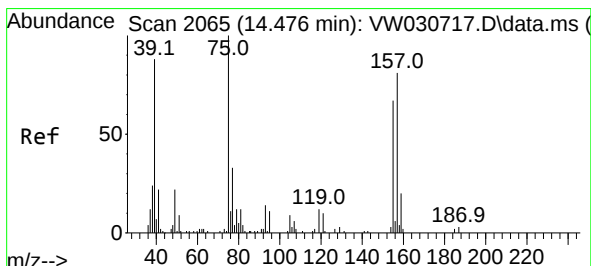
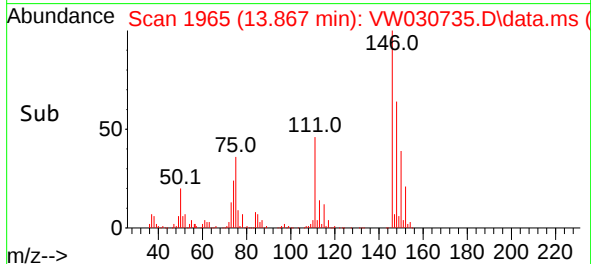
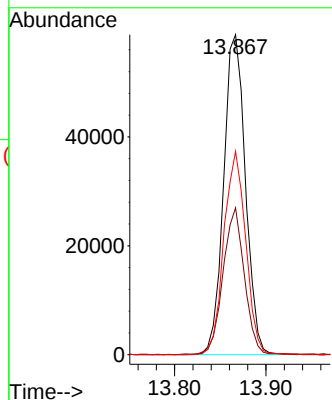
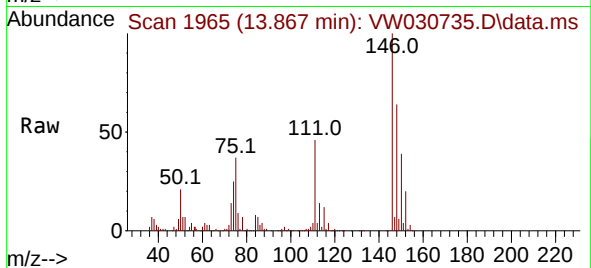
Tgt Ion:146 Resp: 97533

Ion Ratio Lower Upper

146 100

111 45.9 34.6 52.0

148 63.6 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.036 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

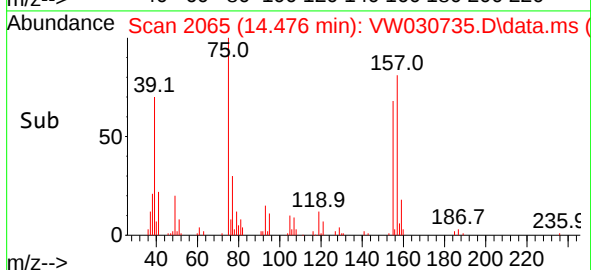
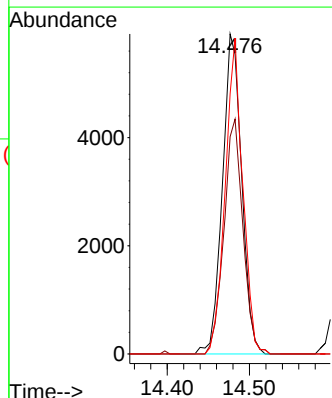
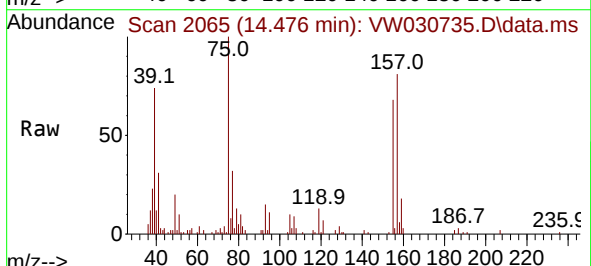
Tgt Ion: 75 Resp: 9594

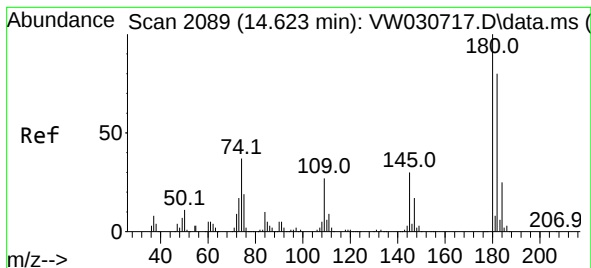
Ion Ratio Lower Upper

75 100

155 67.9 57.9 86.9

157 81.3 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 11.228 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

Tgt Ion:180 Resp: 47905

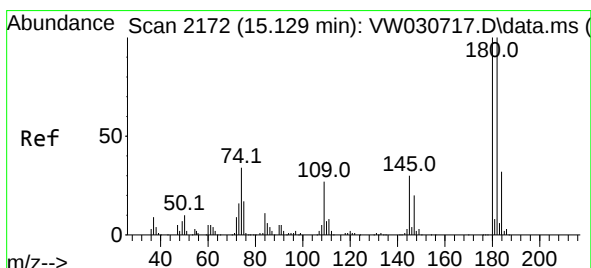
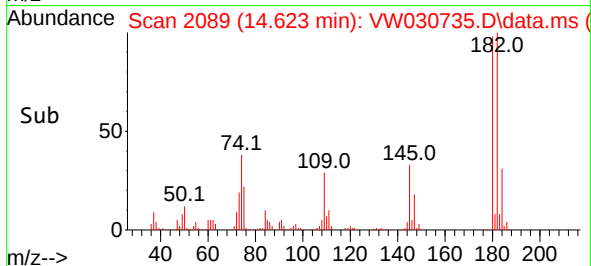
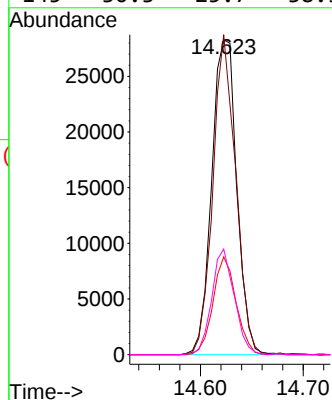
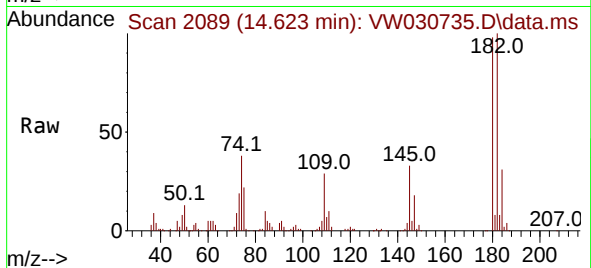
Ion Ratio Lower Upper

180 100

182 92.4 79.9 119.9

184 28.7 25.2 37.8

145 30.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 9.535 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

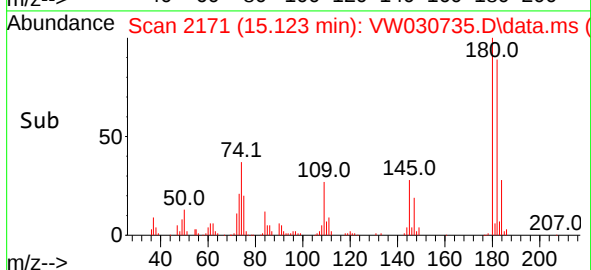
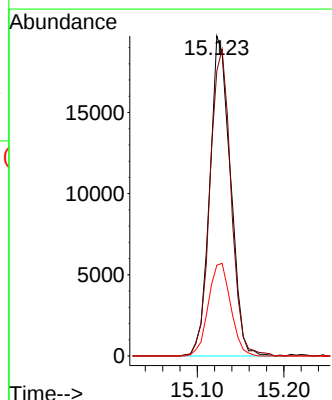
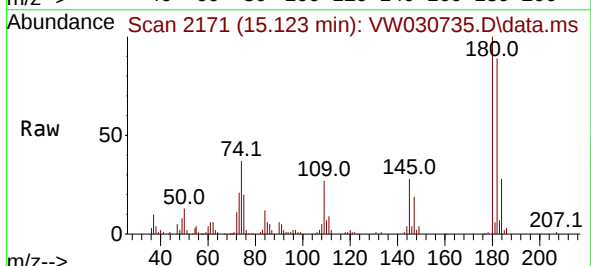
Tgt Ion:180 Resp: 32753

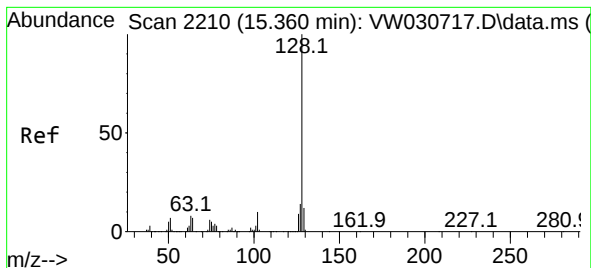
Ion Ratio Lower Upper

180 100

182 97.2 75.2 112.8

145 31.2 25.4 38.2





#71

Naphthalene

Concen: 12.411 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

A4F40MSD

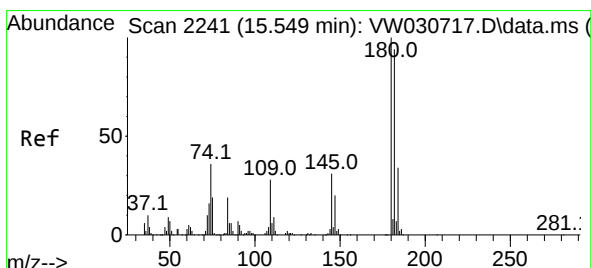
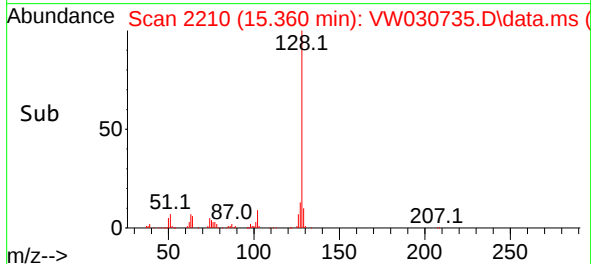
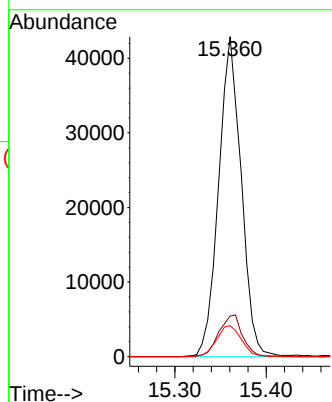
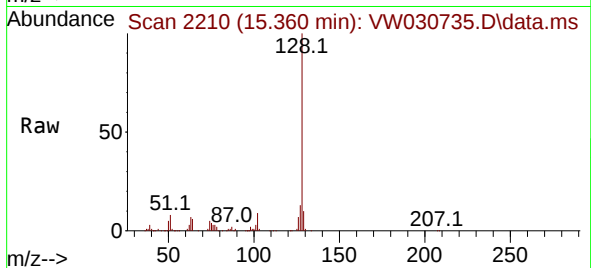
Tgt Ion:128 Resp: 73652

Ion Ratio Lower Upper

128 100

127 13.8 10.9 16.3

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 8.821 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030735.D

Acq: 23 Oct 2024 19:40

Tgt Ion:180 Resp: 26266

Ion Ratio Lower Upper

180 100

182 92.7 76.2 114.4

145 34.0 27.4 41.2

