

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103024\
 Data File : VW030847.D
 Acq On : 30 Oct 2024 19:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 4.91g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 01:08:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 01:03:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	329861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268122	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	141618	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	83766	16.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.640%
7) Chloroethane-d5	2.905	69	81755	20.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	4.021	65	33484	15.527	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.120%
21) 2-Butanone-d5	7.075	46	40818	43.745	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.500%
24) Chloroform-d	7.648	84	202126	21.427	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.720%
26) 1,2-Dichloroethane-d4	8.307	65	119831	24.429	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.720%
32) Benzene-d6	8.276	84	392750	25.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.276	67	112593	24.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.600%
41) Toluene-d8	10.325	98	308354	21.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.840%
43) trans-1,3-Dichloroprop...	10.575	79	44599	23.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.280%
47) 2-Hexanone-d5	10.922	63	32192	54.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96314	28.713	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	107482	22.431	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85811	20.361	ug/L	95
3) Chloromethane	2.223	50	104111	21.255	ug/L	100
5) Vinyl chloride	2.375	62	130916	21.733	ug/L	98
6) Bromomethane	2.790	94	95140	23.996	ug/L	94
8) Chloroethane	2.936	64	87761	23.833	ug/L	98
9) Trichlorofluoromethane	3.271	101	109897	20.390	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	96521	19.904	ug/L	98
12) 1,1-Dichloroethene	4.045	96	91976	20.783	ug/L	94
13) Acetone	4.119	43	46576	34.095	ug/L	94
14) Carbon disulfide	4.393	76	305508	21.140	ug/L	100
15) Methyl Acetate	4.673	43	34807	20.627	ug/L	99
16) Methylene chloride	4.917	84	104192	20.894	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	101406	21.235	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	144443	21.612	ug/L	99
19) 1,1-Dichloroethane	6.216	63	193636	21.817	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	113232	22.230	ug/L	99
22) 2-Butanone	7.173	43	55174	37.469	ug/L	99
23) Bromochloromethane	7.514	128	48441	21.739	ug/L	88
25) Chloroform	7.679	83	210488	22.192	ug/L	94

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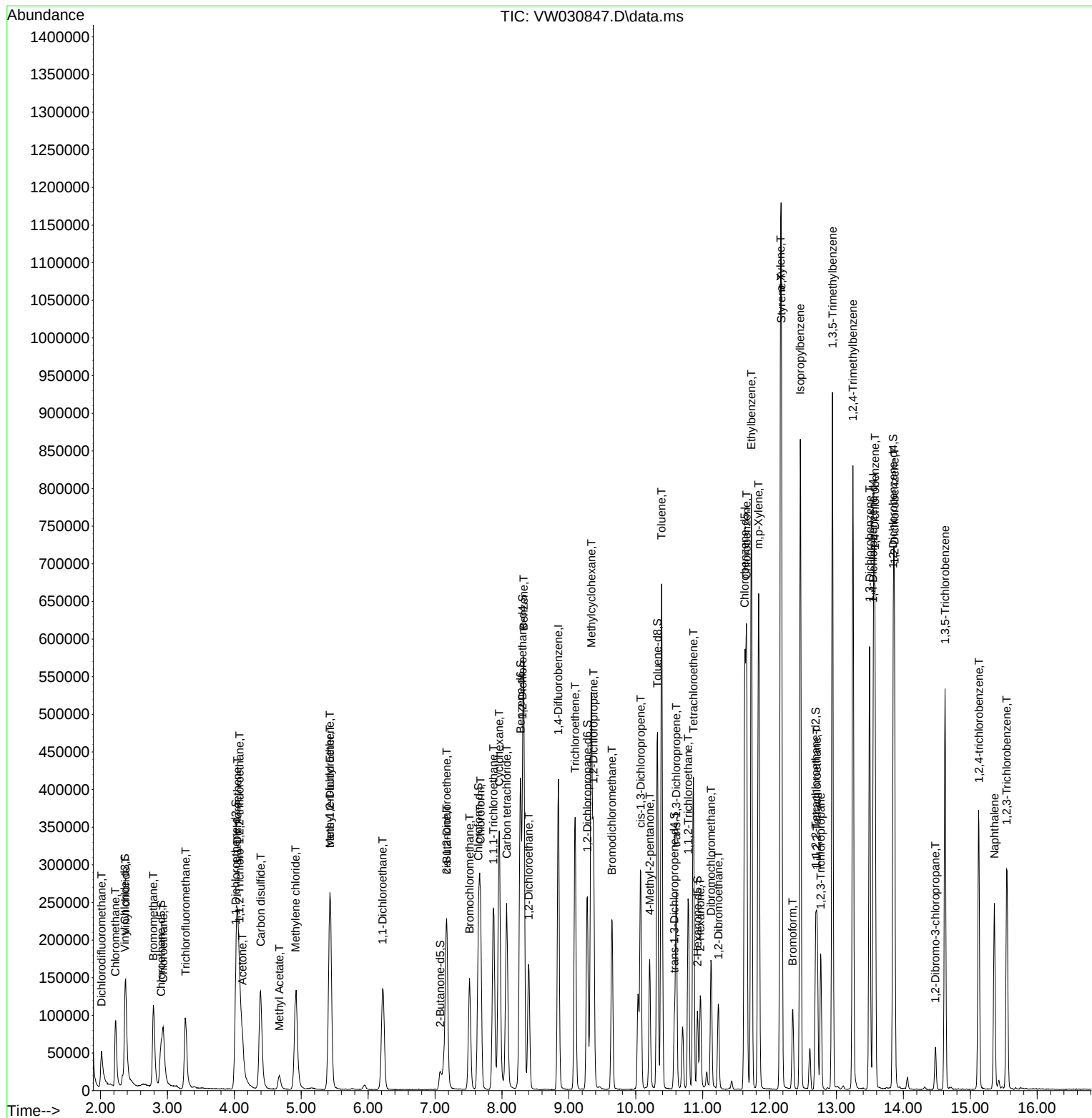
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27) 1,2-Dichloroethane	8.398	62	153487	24.529	ug/L	100
29) Cyclohexane	7.959	56	184469	28.264	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	196786	27.648	ug/L	99
31) Carbon tetrachloride	8.069	117	173405	27.278	ug/L	99
33) Benzene	8.325	78	496789	28.472	ug/L	100
34) Trichloroethene	9.093	95	122983	25.335	ug/L	95
35) Methylcyclohexane	9.337	83	203843	26.683	ug/L	98
37) 1,2-Dichloropropane	9.368	63	117710	27.012	ug/L	100
38) Bromodichloromethane	9.642	83	148337	25.585	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	166403	25.316	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	106416	50.831	ug/L	99
42) Toluene	10.386	91	480096	25.791	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	136181	24.655	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	76385	24.253	ug/L	93
46) Tetrachloroethene	10.861	164	84876	23.707	ug/L	98
48) 2-Hexanone	10.965	43	77307	45.155	ug/L	98
49) Dibromochloromethane	11.123	129	85239	24.256	ug/L	93
50) 1,2-Dibromoethane	11.233	107	75130	25.565	ug/L #	98
51) Chlorobenzene	11.654	112	290288	24.225	ug/L	98
52) Ethylbenzene	11.727	91	531488	25.022	ug/L	100
53) m,p-Xylene	11.837	106	200001	25.133	ug/L	96
54) o-Xylene	12.166	106	194509	26.439	ug/L	95
55) Styrene	12.178	104	337665	26.848	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	97780	27.531	ug/L	97
59) Bromoform	12.343	173	45505	22.870	ug/L	98
60) Isopropylbenzene	12.459	105	513295	23.405	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70648	25.637	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	461949	26.699	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	430130	25.390	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	217912	22.827	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	214274	21.738	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	201570	23.996	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	14895	24.241	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	145532	23.119	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	110250	21.755	ug/L	99
71) Naphthalene	15.360	128	195267	22.302	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	94968	21.616	ug/L	99

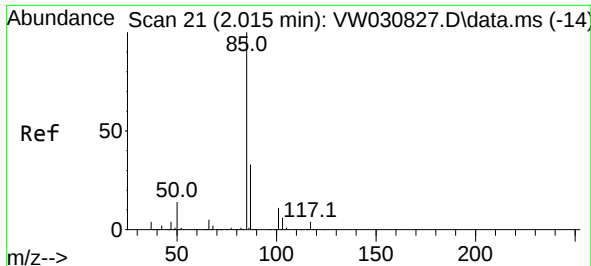
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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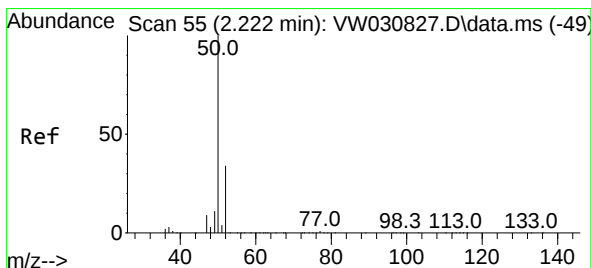
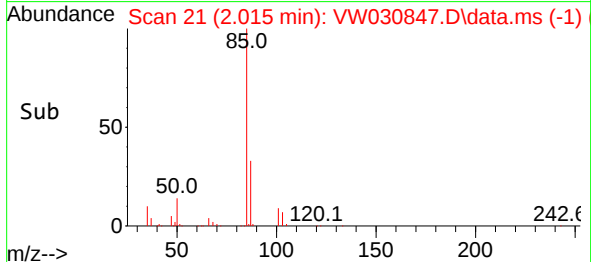
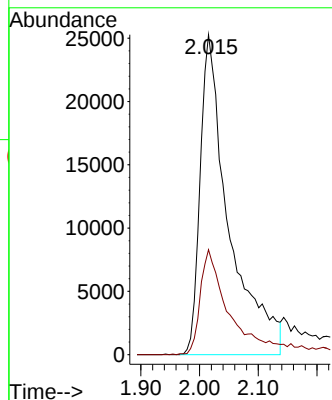
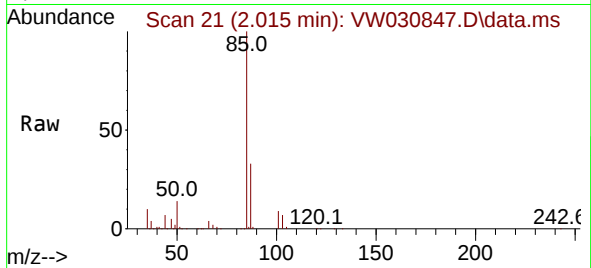




#2
 Dichlorodifluoromethane
 Concen: 20.361 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

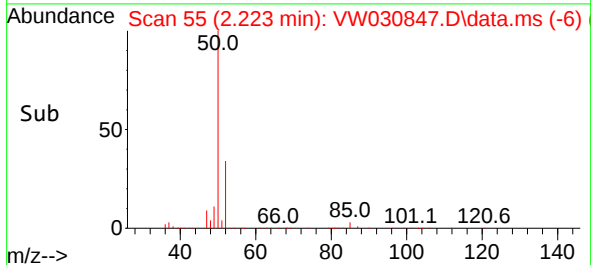
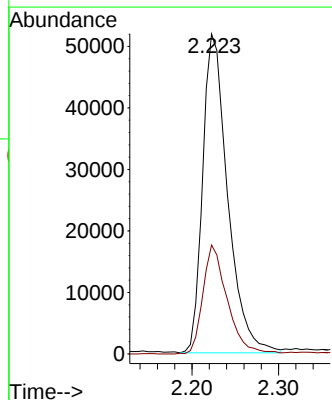
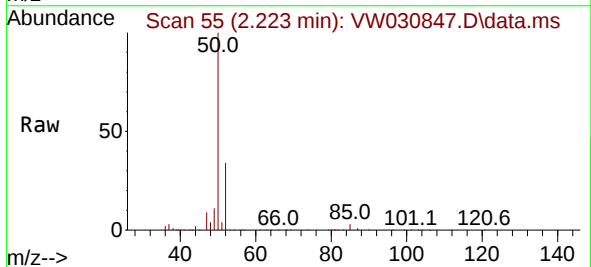
Instrument :
 MSVOA_W
 ClientSampleId :

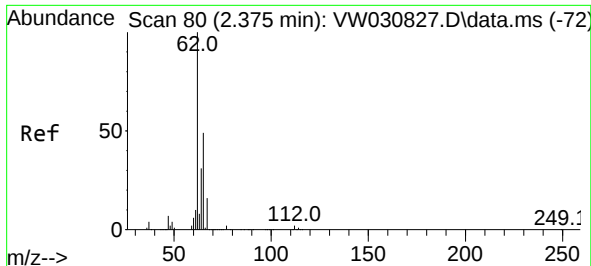
Tgt Ion: 85 Resp: 85811
 Ion Ratio Lower Upper
 85 100
 87 27.1 23.8 35.6



#3
 Chloromethane
 Concen: 21.255 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

Tgt Ion: 50 Resp: 104111
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.7 43.9

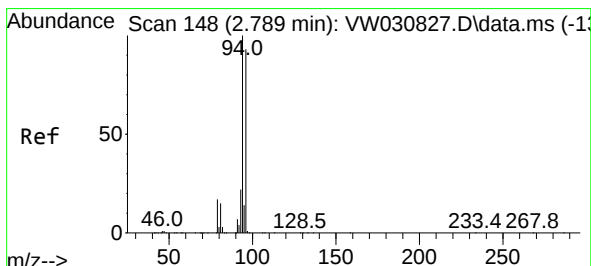
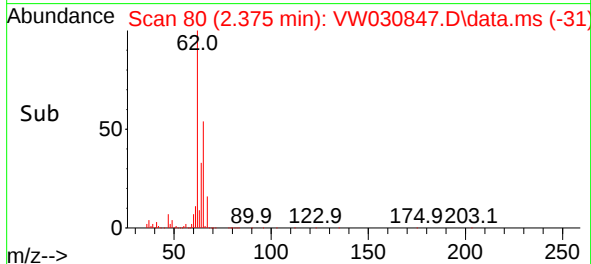
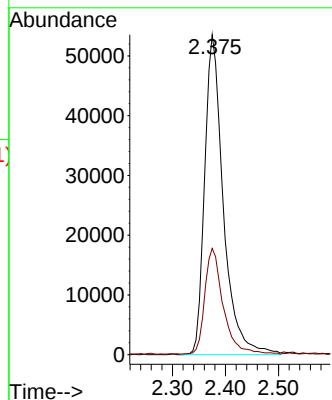
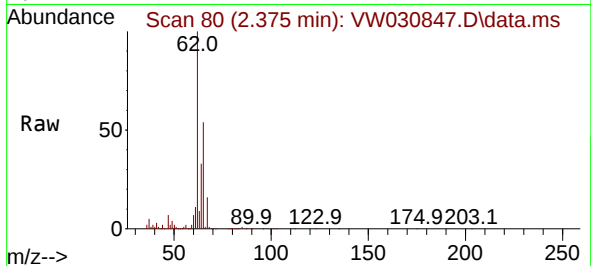




#5
 Vinyl chloride
 Concen: 21.733 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

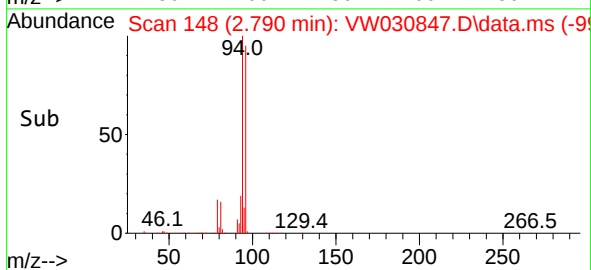
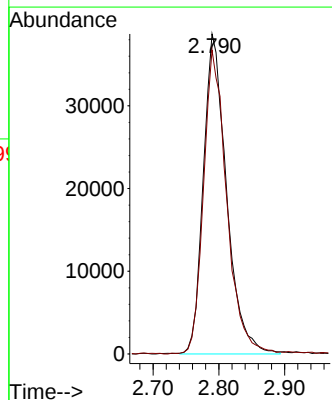
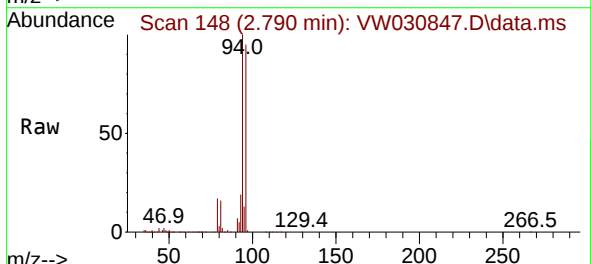
Instrument :
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 ClientSampleId :

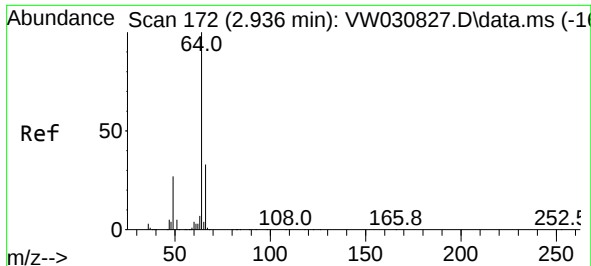
Tgt Ion: 62 Resp: 130916
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.6 42.0



#6
 Bromomethane
 Concen: 23.996 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

Tgt Ion: 94 Resp: 95140
 Ion Ratio Lower Upper
 94 100
 96 95.0 62.6 116.2

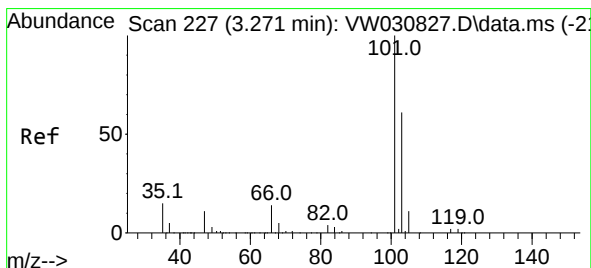
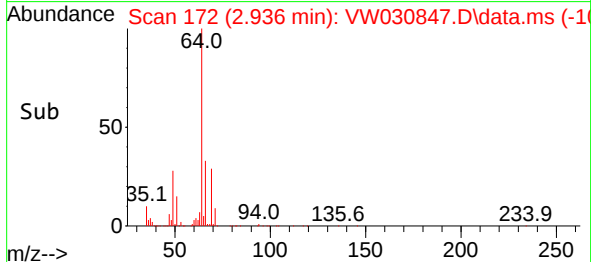
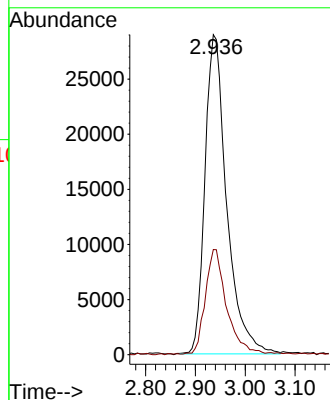
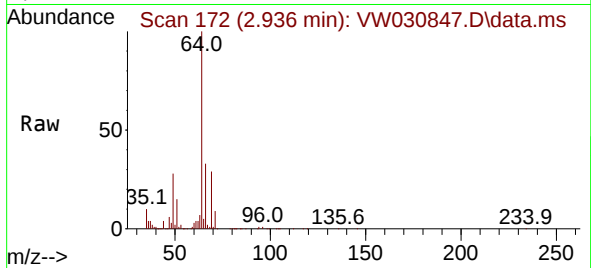




#8
Chloroethane
Concen: 23.833 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

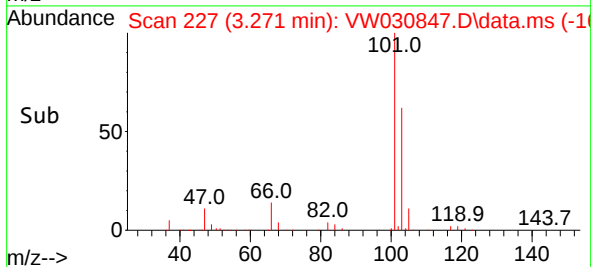
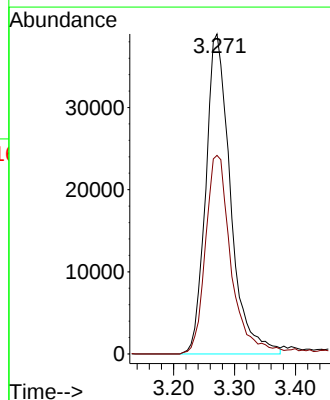
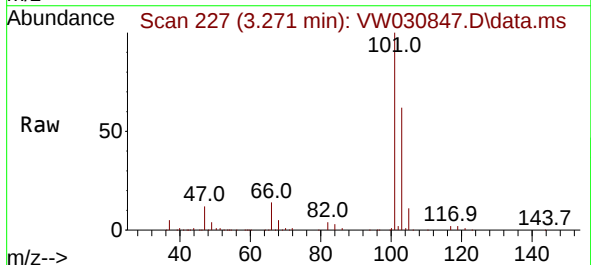
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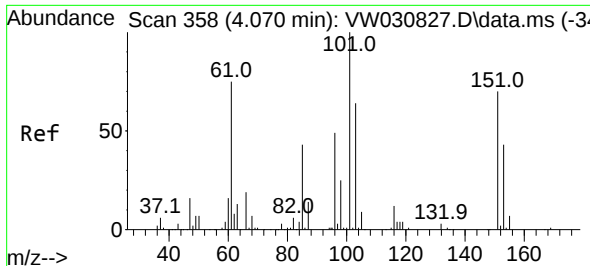
Tgt Ion: 64 Resp: 87761
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 20.390 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion:101 Resp: 109897
Ion Ratio Lower Upper
101 100
103 62.2 51.1 76.7

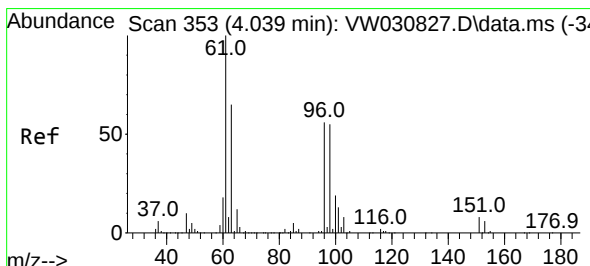
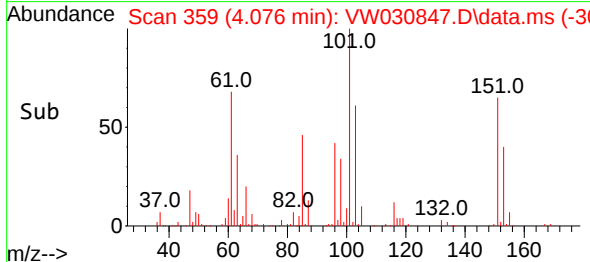
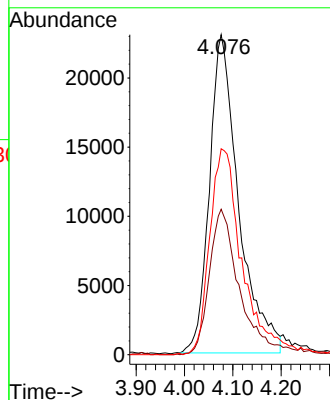
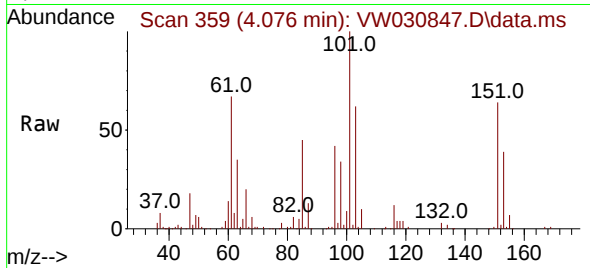




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.904 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

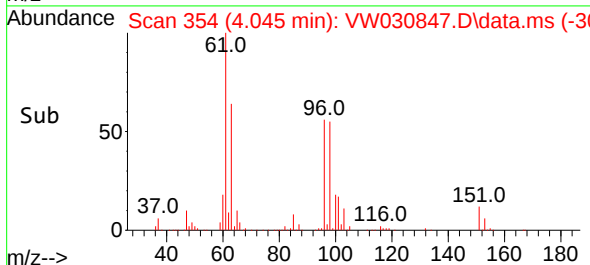
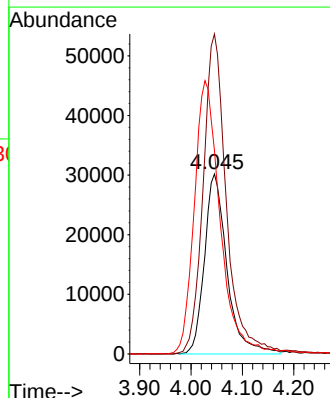
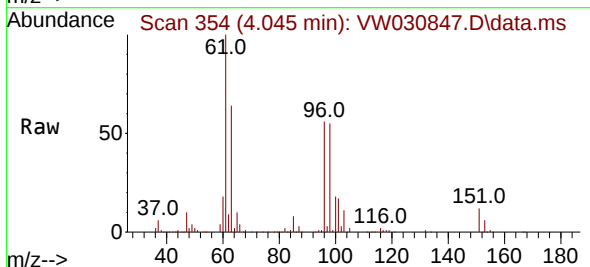
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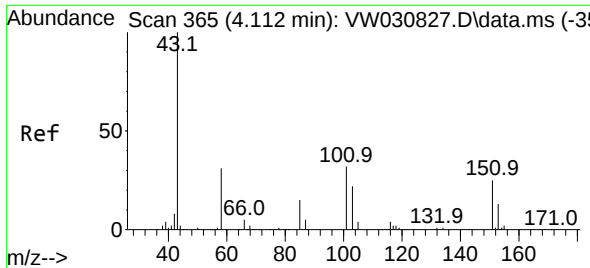
Tgt Ion:101 Resp: 96521
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.7 53.5
 151 71.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 20.783 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

Tgt Ion: 96 Resp: 91976
 Ion Ratio Lower Upper
 96 100
 61 177.8 121.3 225.3
 63 113.2 87.6 162.8





#13

Acetone

Concen: 34.095 ug/L

RT: 4.119 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

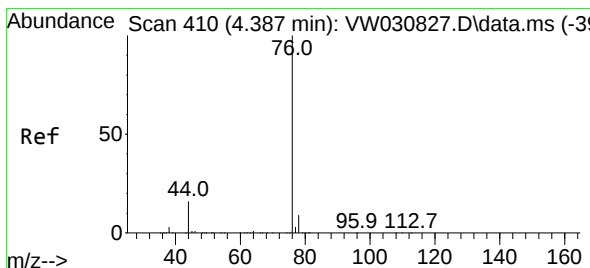
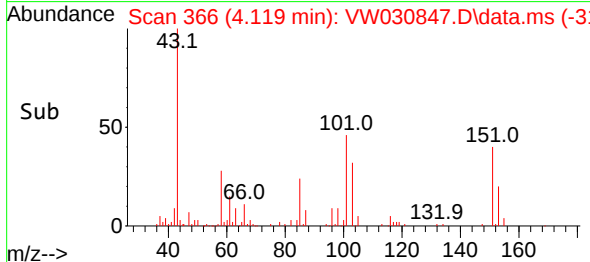
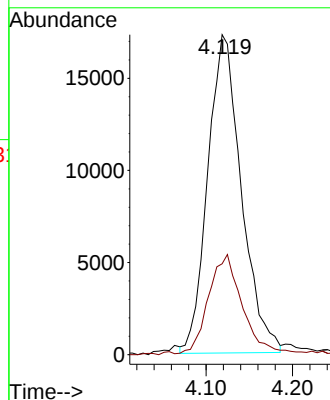
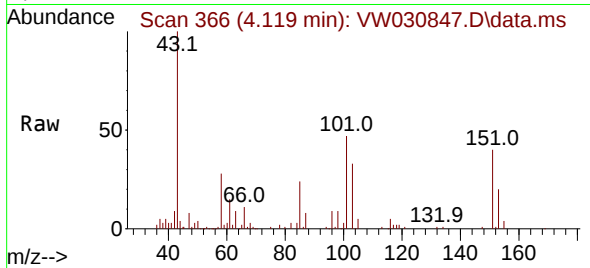
ClientSampleId :

Tgt Ion: 43 Resp: 46576

Ion Ratio Lower Upper

43 100

58 32.0 0.0 57.6



#14

Carbon disulfide

Concen: 21.140 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030847.D

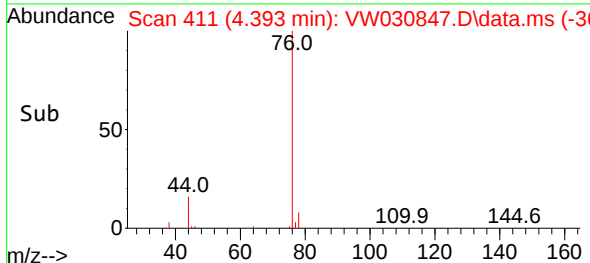
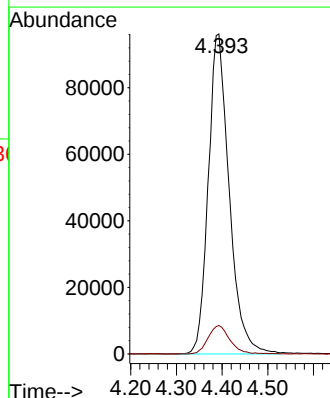
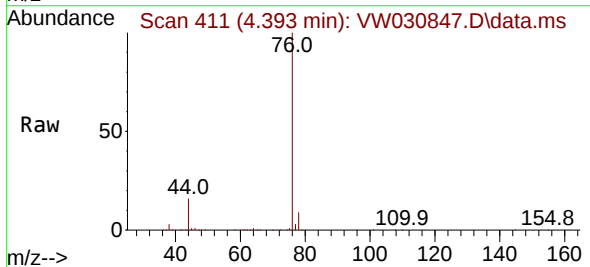
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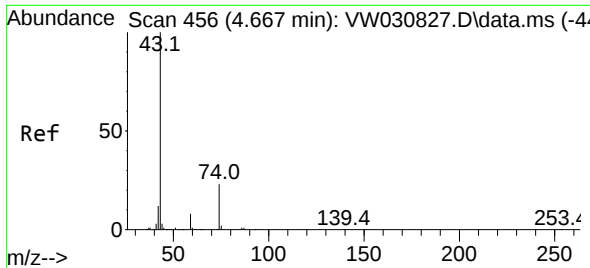
Tgt Ion: 76 Resp: 305508

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

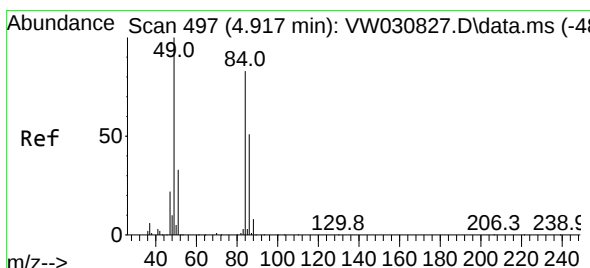
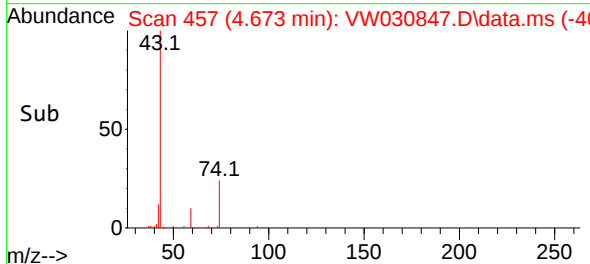
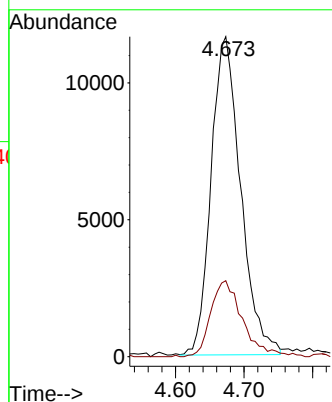
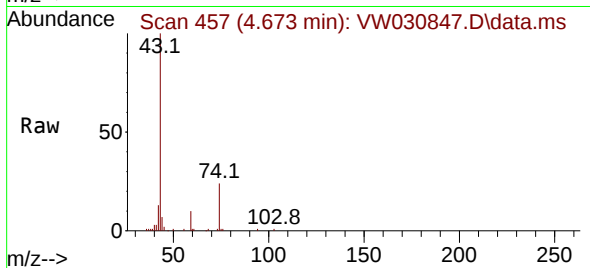




#15
Methyl Acetate
Concen: 20.627 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

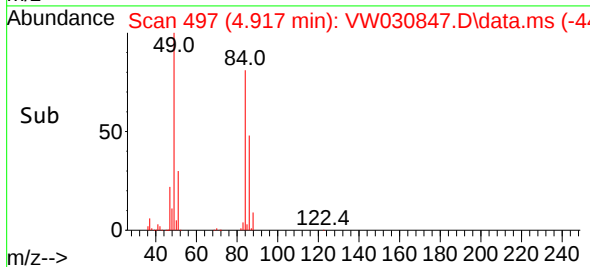
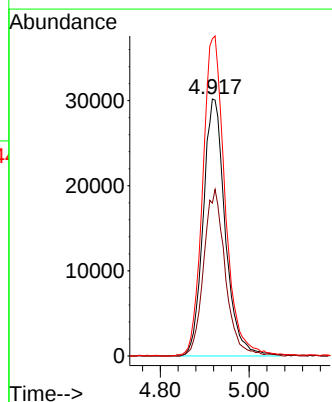
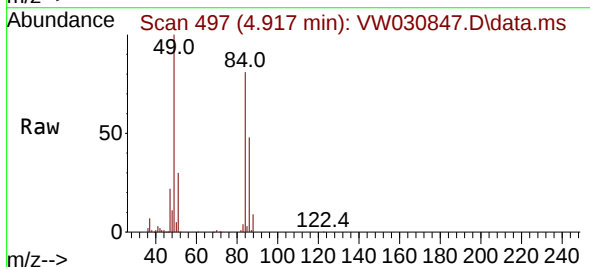
Instrument :
MSVOA_W
ClientSampleId :

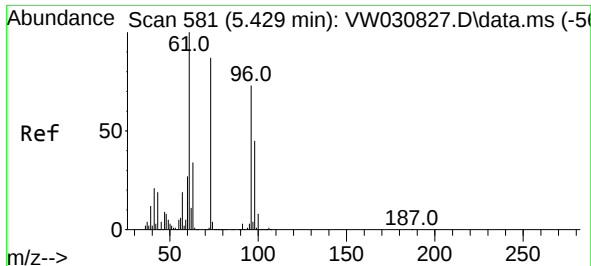
Tgt Ion: 43 Resp: 34807
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9



#16
Methylene chloride
Concen: 20.894 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion: 84 Resp: 104192
Ion Ratio Lower Upper
84 100
86 59.5 43.8 81.3
49 123.5 88.3 164.1

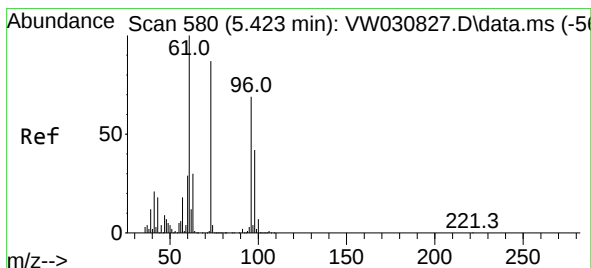
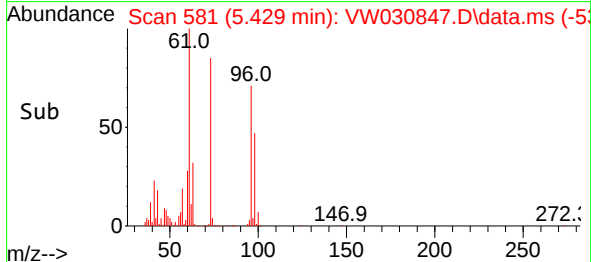
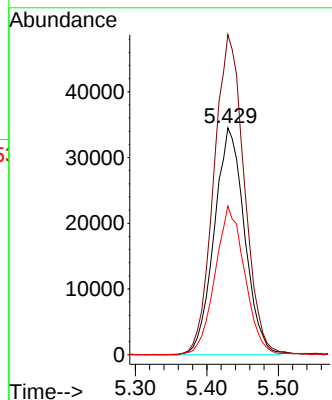
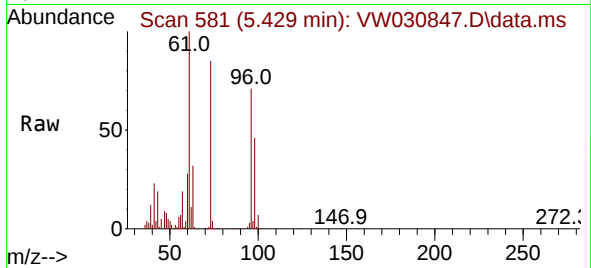




#17
trans-1,2-Dichloroethene
Concen: 21.235 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

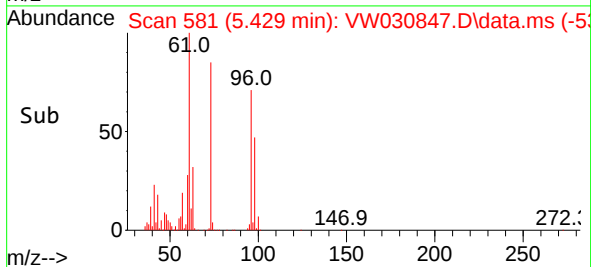
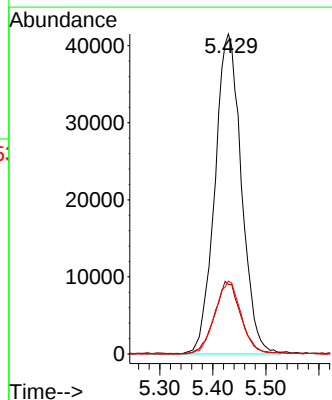
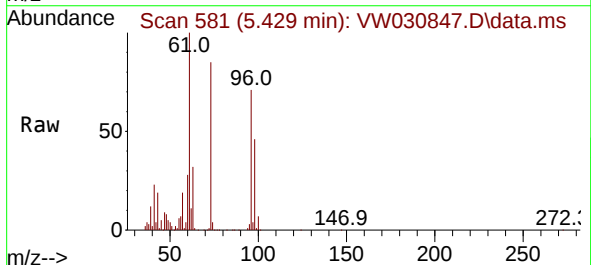
Instrument :
MSVOA_W
ClientSampleId :

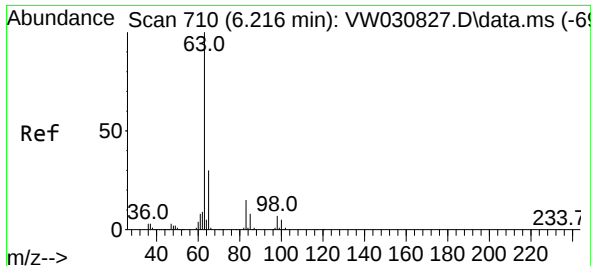
Tgt Ion: 96 Resp: 101406
Ion Ratio Lower Upper
96 100
61 141.0 96.9 179.9
98 65.5 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 21.612 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion: 73 Resp: 144443
Ion Ratio Lower Upper
73 100
43 22.2 18.1 27.1
57 22.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 21.817 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

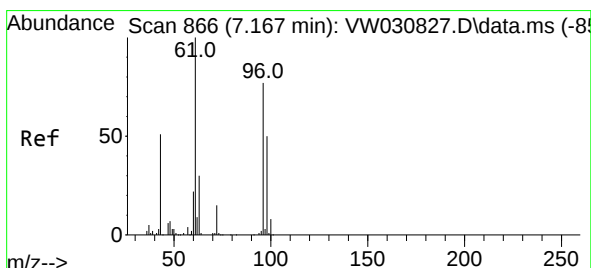
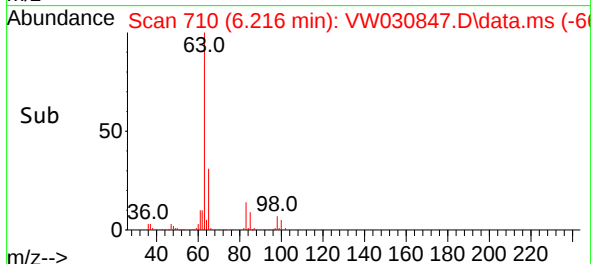
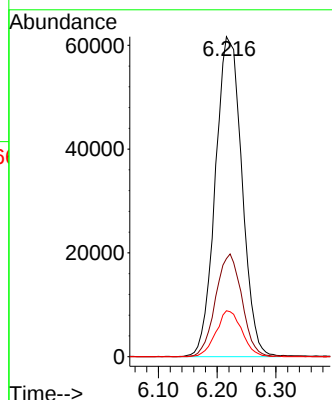
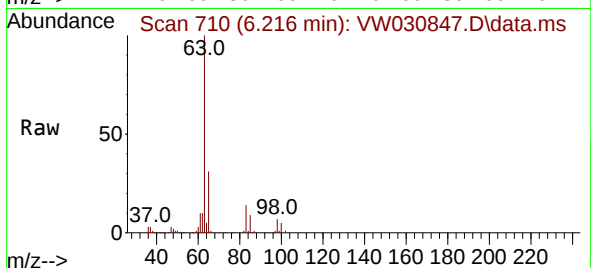
Tgt Ion: 63 Resp: 193636

Ion Ratio Lower Upper

63 100

65 30.7 22.5 41.9

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 22.230 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

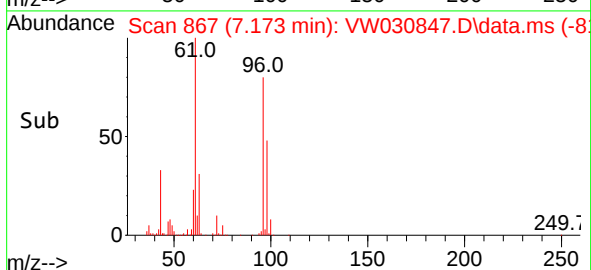
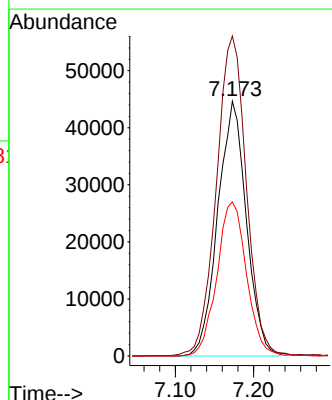
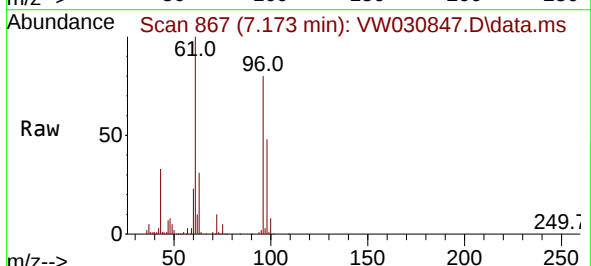
Tgt Ion: 96 Resp: 113232

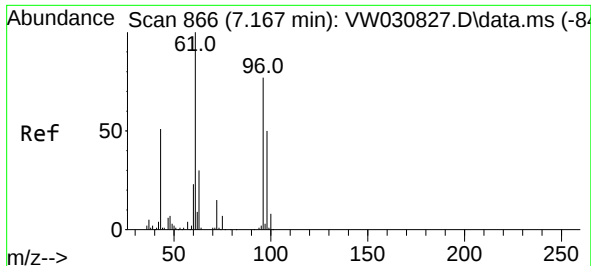
Ion Ratio Lower Upper

96 100

61 125.6 88.3 163.9

98 60.5 41.3 76.7

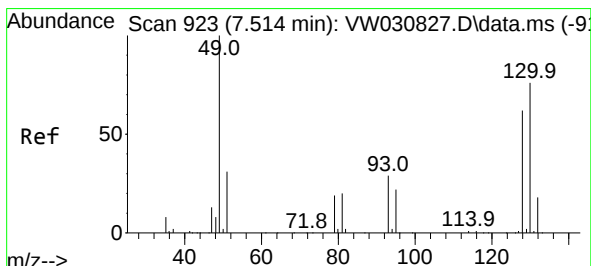
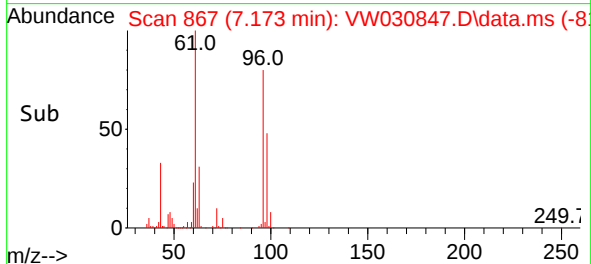
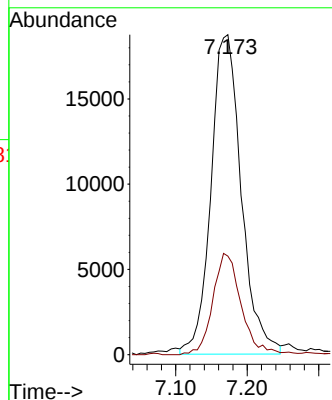
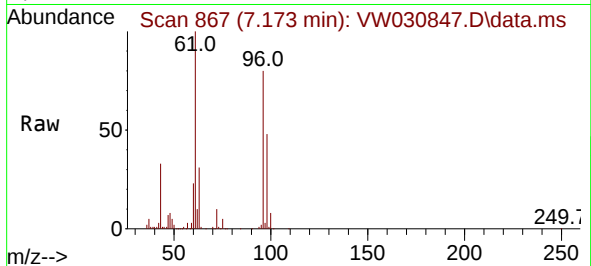




#22
2-Butanone
Concen: 37.469 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

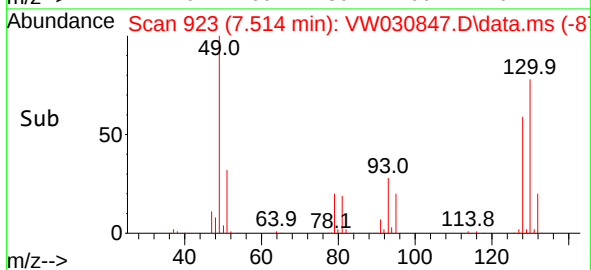
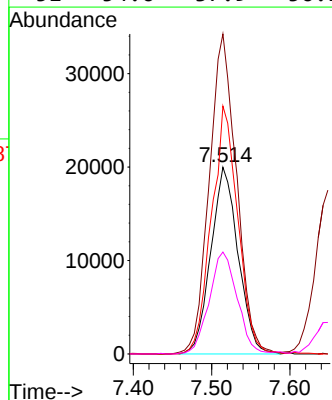
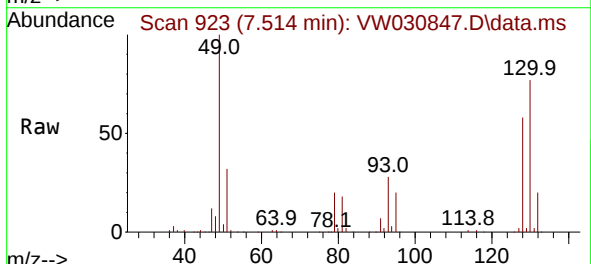
Instrument :
MSVOA_W
ClientSampleId :

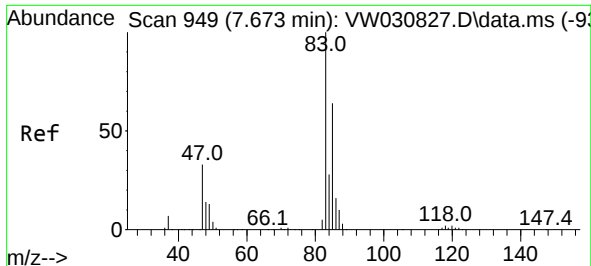
Tgt Ion: 43 Resp: 55174
Ion Ratio Lower Upper
43 100
72 29.3 14.4 43.0



#23
Bromochloromethane
Concen: 21.739 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion: 128 Resp: 48441
Ion Ratio Lower Upper
128 100
49 171.4 110.1 204.5
130 132.8 82.9 153.9
51 54.6 37.9 56.9

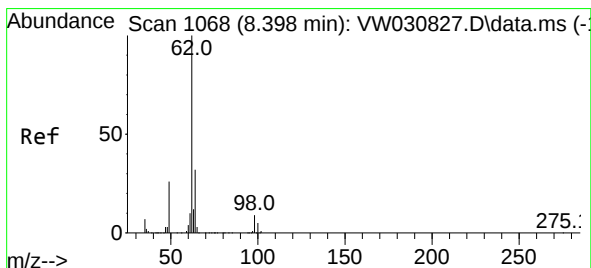
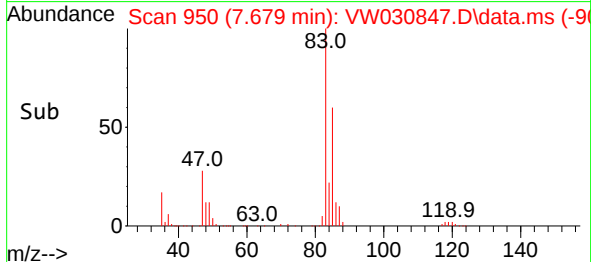
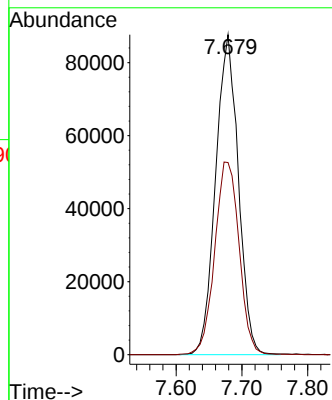
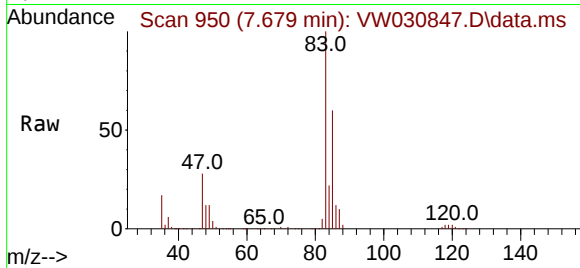




#25
Chloroform
Concen: 22.192 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

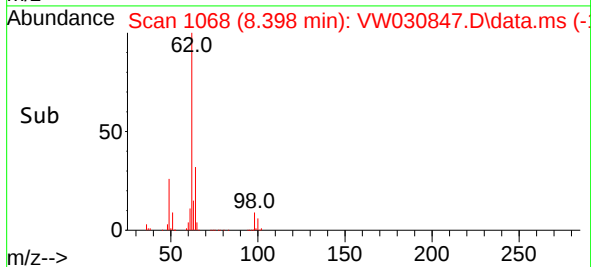
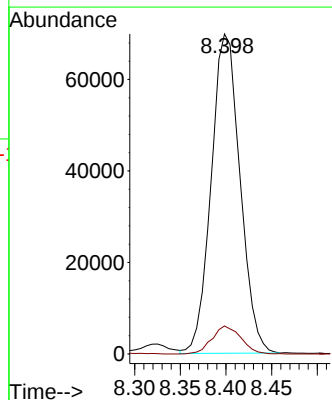
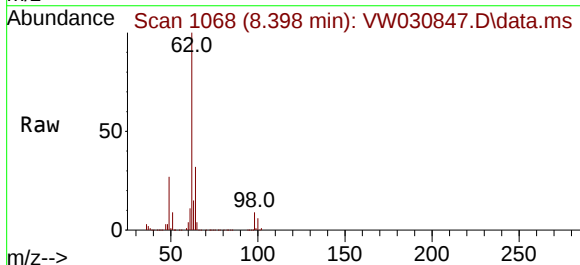
Instrument :
MSVOA_W
ClientSampleId :

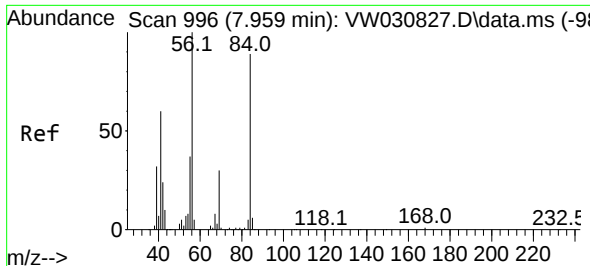
Tgt Ion: 83 Resp: 210488
Ion Ratio Lower Upper
83 100
85 60.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.529 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

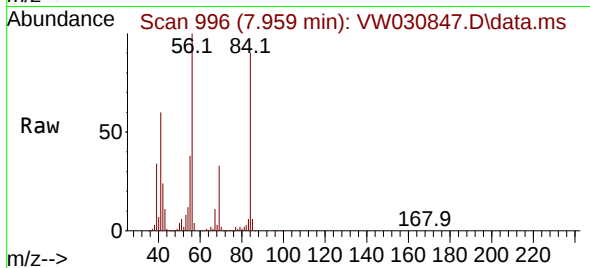
Tgt Ion: 62 Resp: 153487
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.6



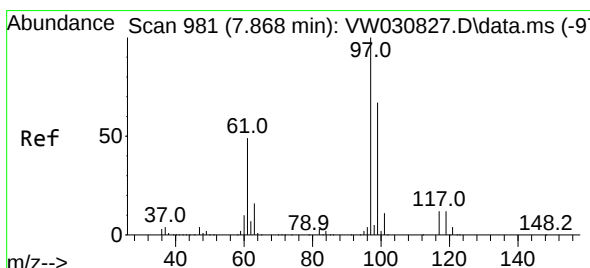
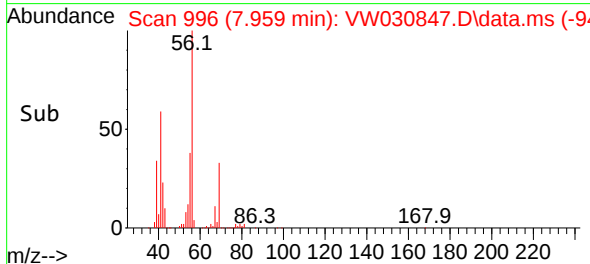
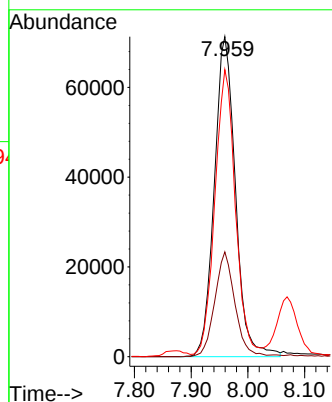


#29
Cyclohexane
Concen: 28.264 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Instrument :
MSVOA_W
ClientSampleId :

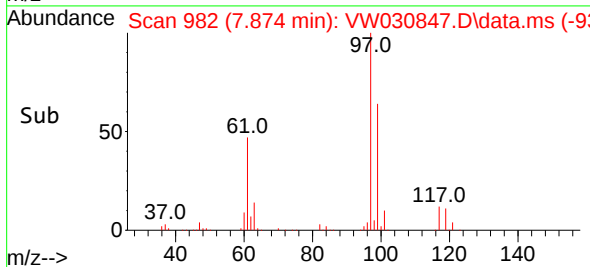
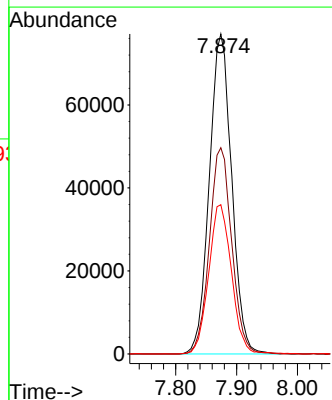
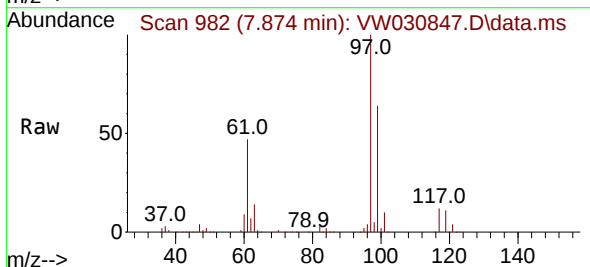


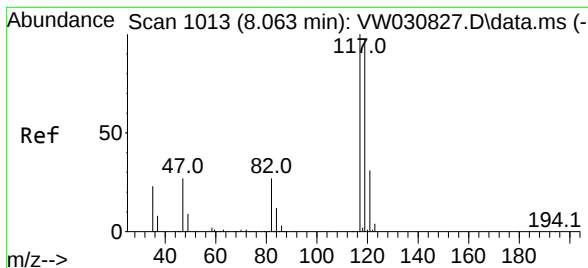
Tgt Ion:	56	Resp:	184469
Ion Ratio	Lower	Upper	
56	100		
69	31.1	25.4	38.0
84	86.9	72.3	108.5



#30
1,1,1-Trichloroethane
Concen: 27.648 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion:	97	Resp:	196786
Ion Ratio	Lower	Upper	
97	100		
99	64.4	52.3	78.5
61	47.3	38.5	57.7

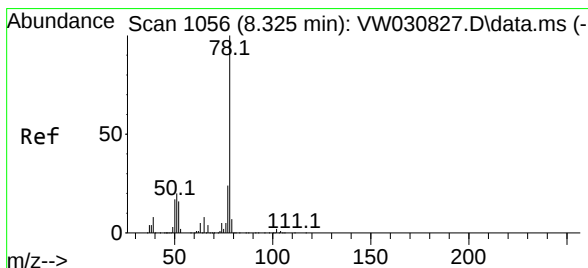
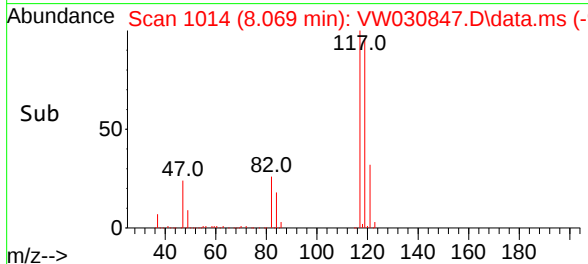
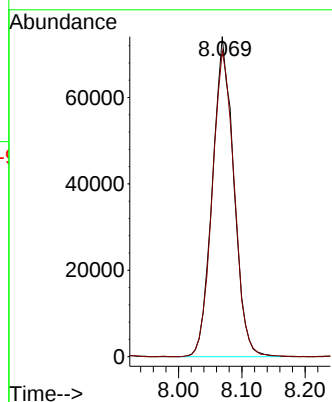
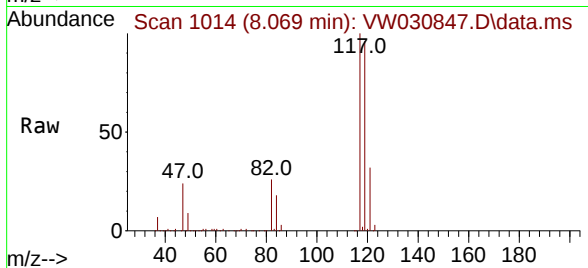




#31
Carbon tetrachloride
Concen: 27.278 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

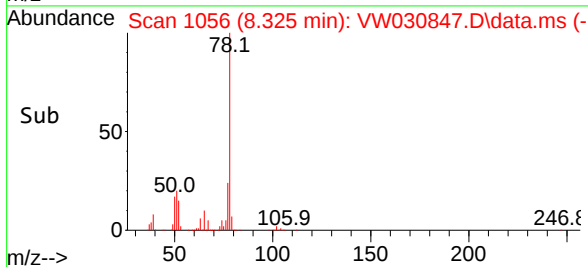
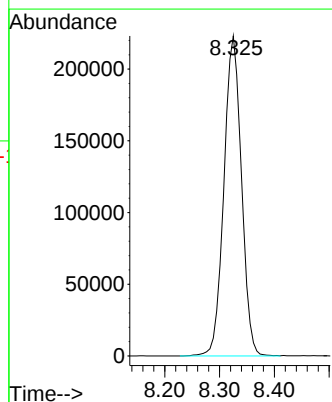
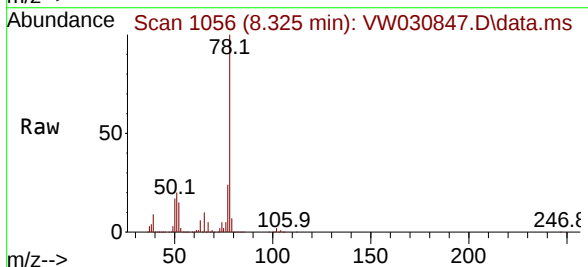
Instrument :
MSVOA_W
ClientSampleId :

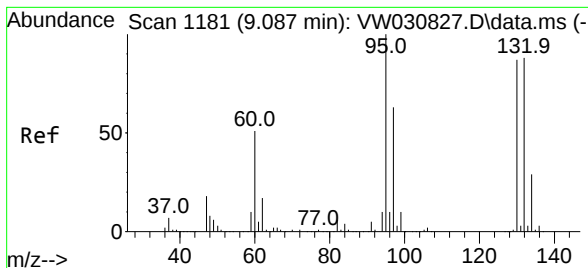
Tgt Ion:117 Resp: 173405
Ion Ratio Lower Upper
117 100
119 98.6 77.8 116.8



#33
Benzene
Concen: 28.472 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion: 78 Resp: 496789





#34

Trichloroethene

Concen: 25.335 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 122983

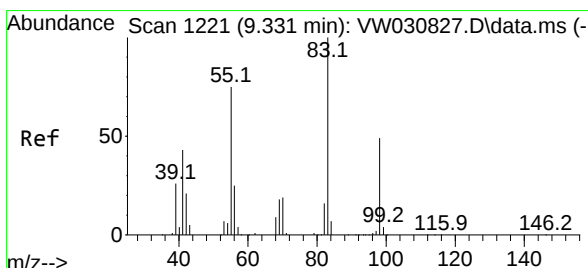
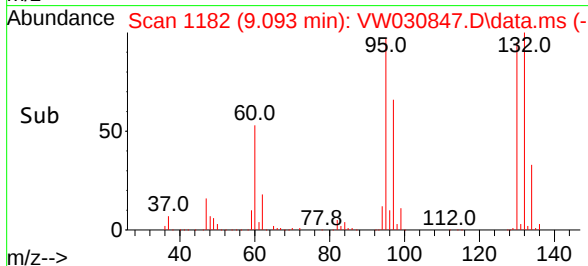
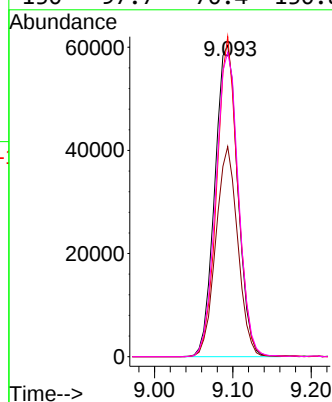
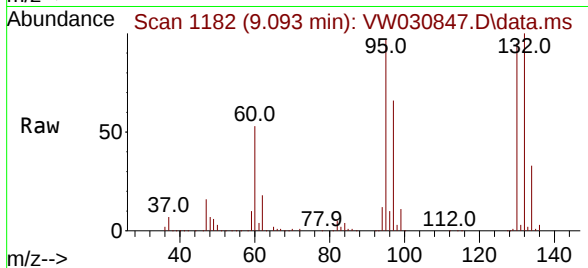
Ion Ratio Lower Upper

95 100

97 67.5 45.9 85.3

132 102.8 66.4 123.2

130 97.7 70.4 130.8



#35

Methylcyclohexane

Concen: 26.683 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

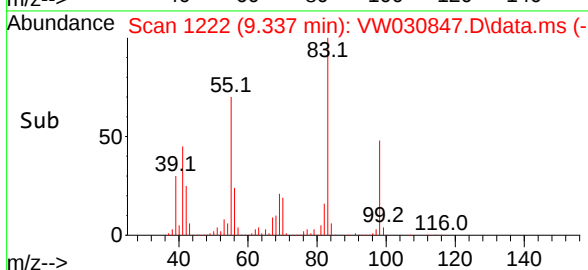
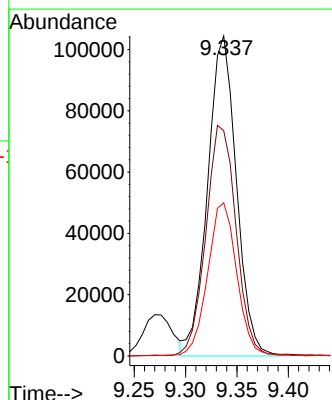
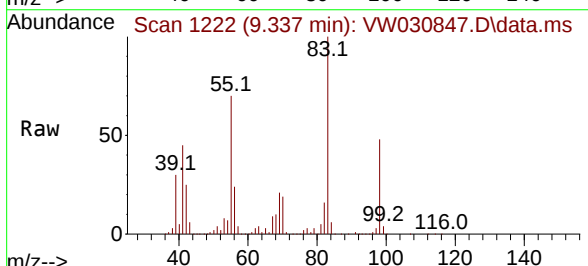
Tgt Ion: 83 Resp: 203843

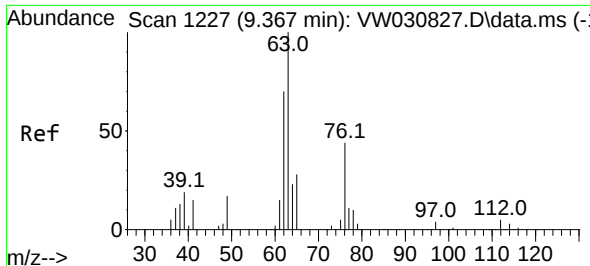
Ion Ratio Lower Upper

83 100

55 75.0 61.8 92.8

98 48.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 27.012 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

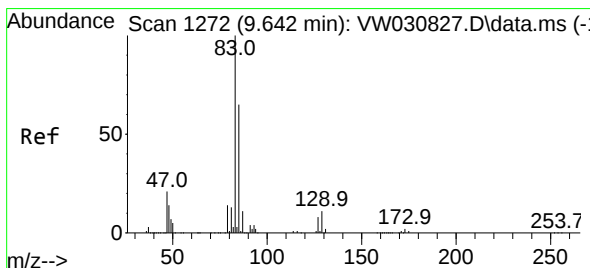
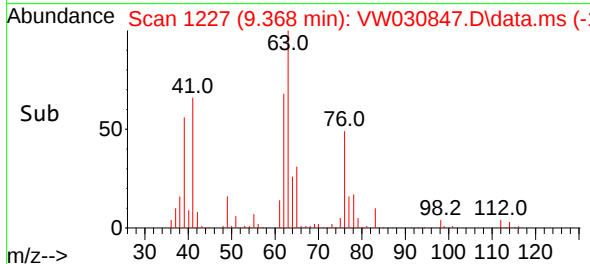
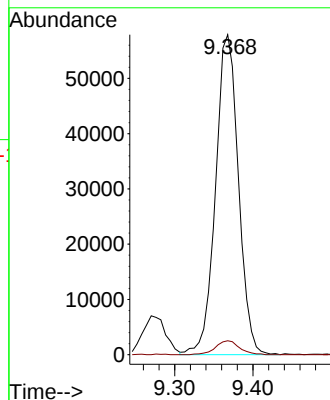
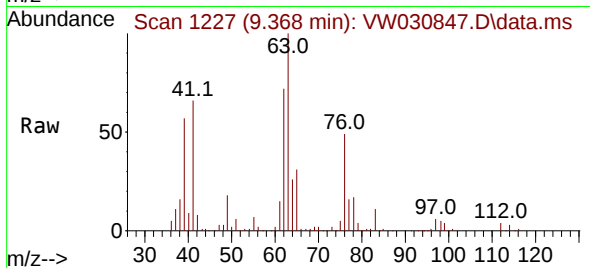
ClientSampleId :

Tgt Ion: 63 Resp: 117710

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 25.585 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

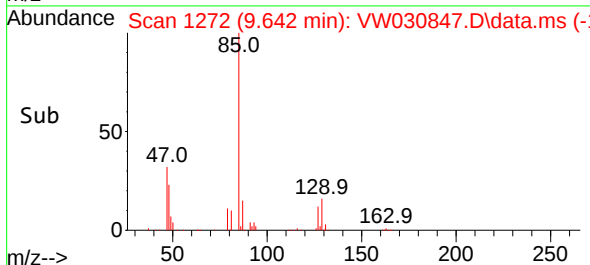
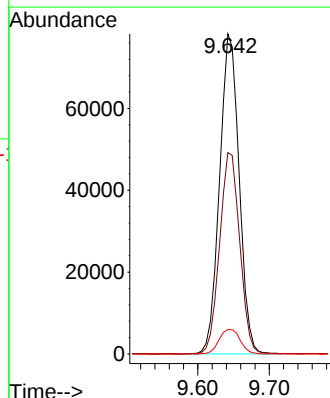
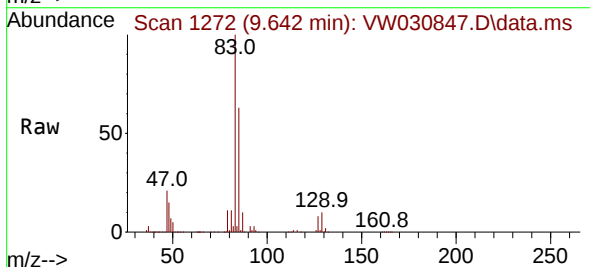
Tgt Ion: 83 Resp: 148337

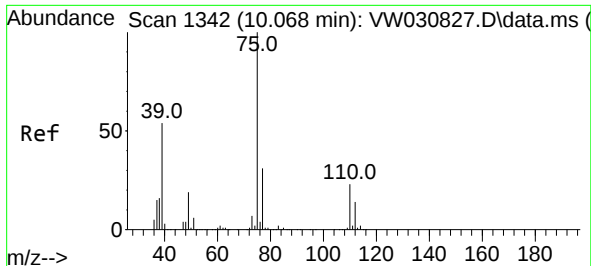
Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.0

127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.316 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

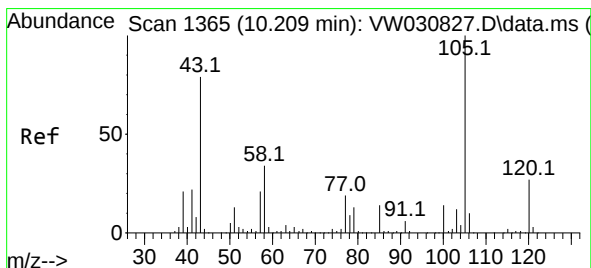
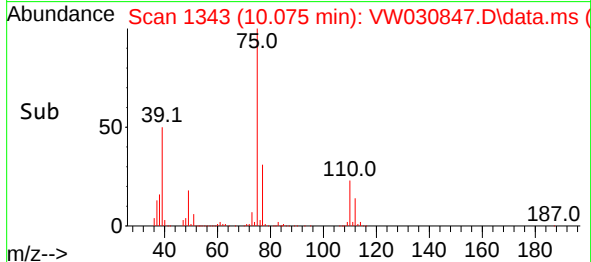
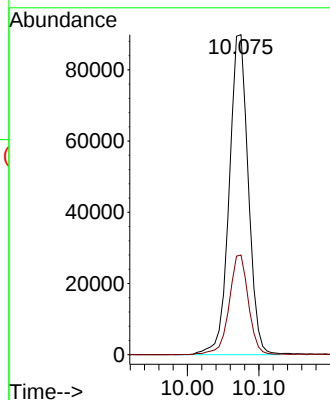
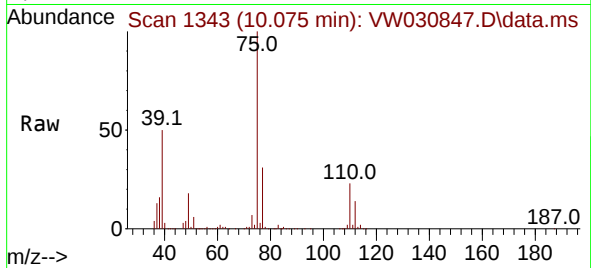
ClientSampleId :

Tgt Ion: 75 Resp: 166403

Ion Ratio Lower Upper

75 100

77 31.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 50.831 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

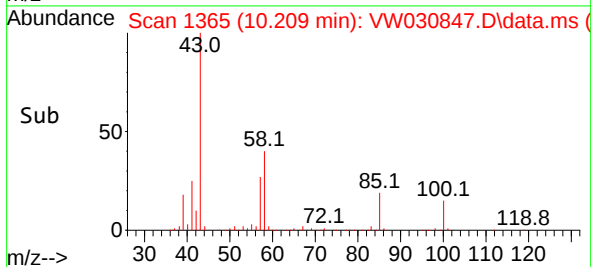
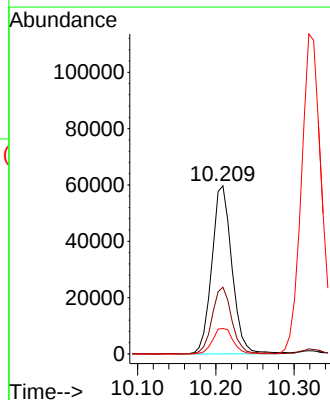
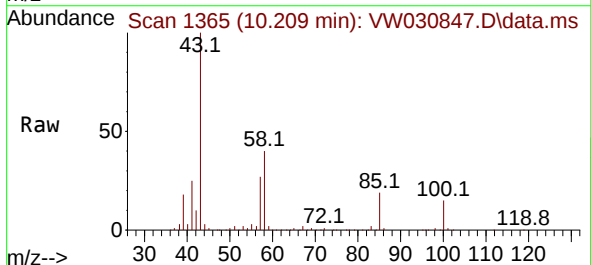
Tgt Ion: 43 Resp: 106416

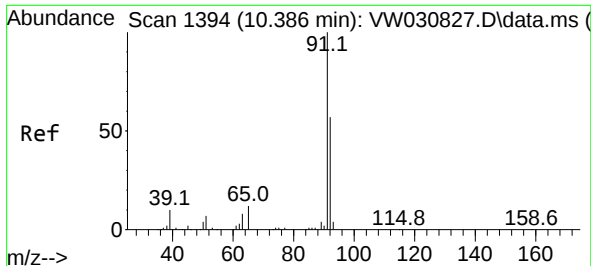
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 15.6 13.1 19.7

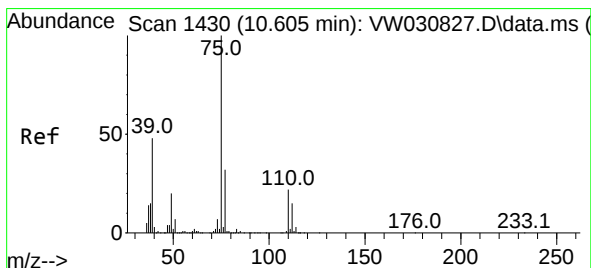
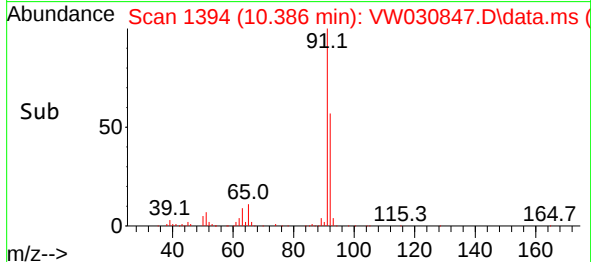
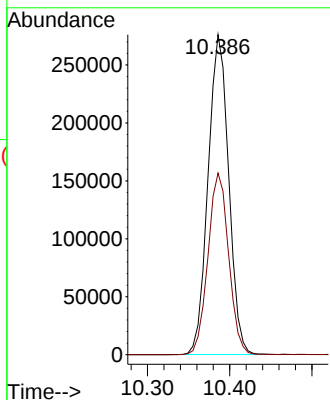
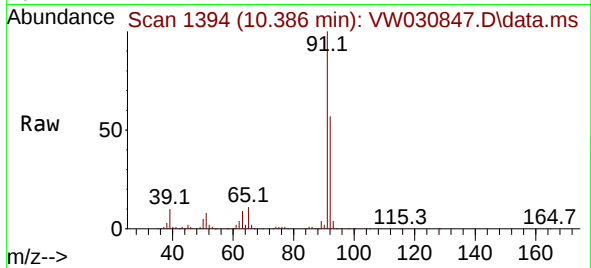




#42
Toluene
Concen: 25.791 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

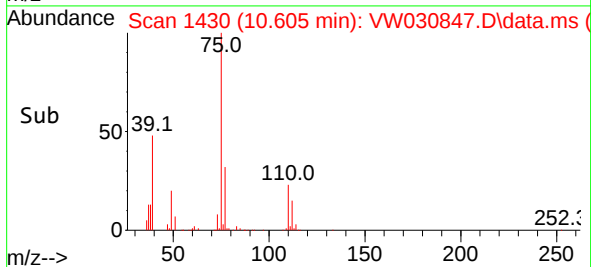
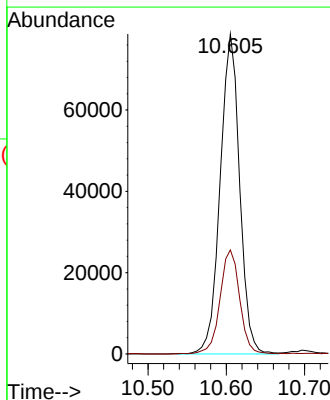
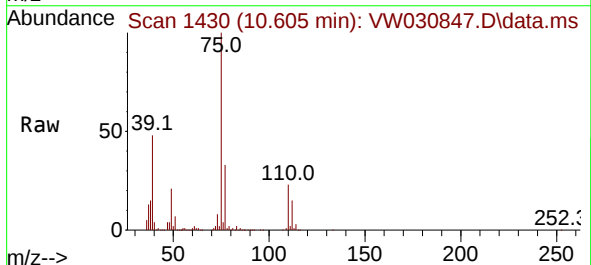
Instrument :
MSVOA_W
ClientSampleId :

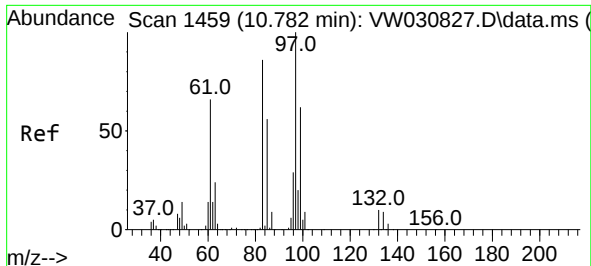
Tgt Ion: 91 Resp: 480096
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 24.655 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion: 75 Resp: 136181
Ion Ratio Lower Upper
75 100
77 32.5 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 24.253 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 76385

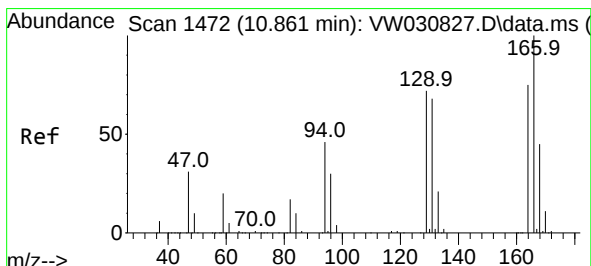
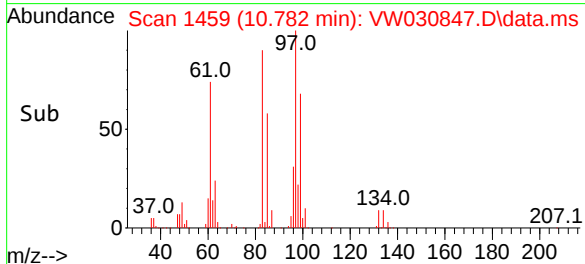
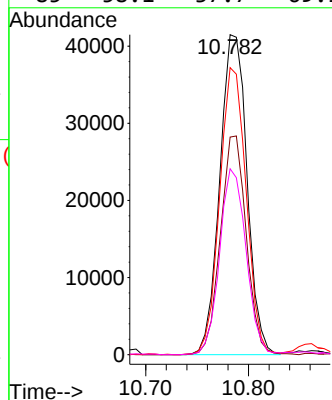
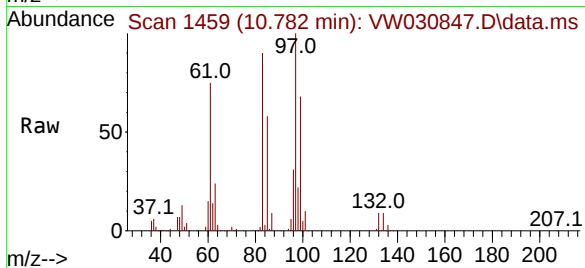
Ion Ratio Lower Upper

97 100

99 68.0 41.2 76.6

83 89.7 59.6 110.6

85 58.1 37.7 69.9



#46

Tetrachloroethene

Concen: 23.707 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Tgt Ion:164 Resp: 84876

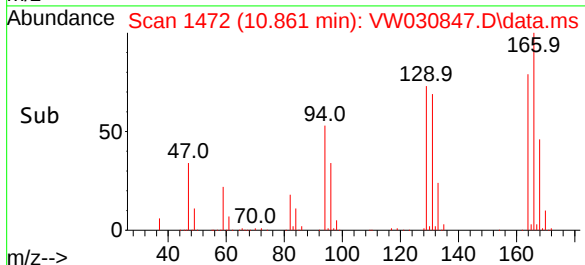
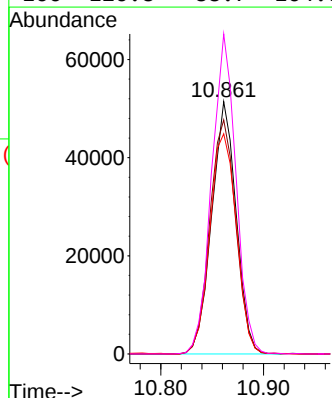
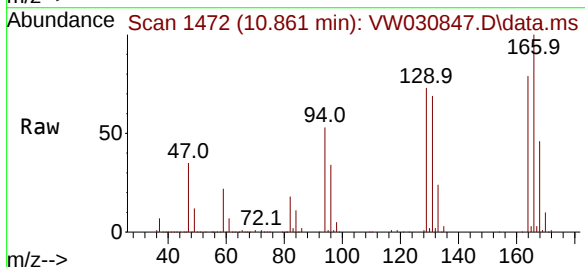
Ion Ratio Lower Upper

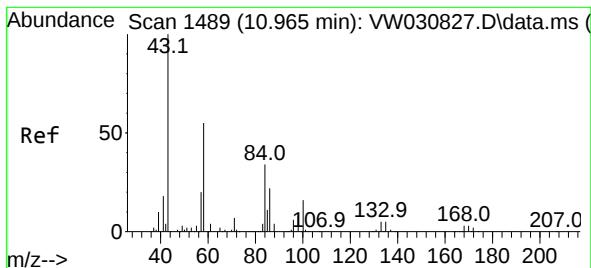
164 100

129 92.8 66.6 123.6

131 87.3 63.7 118.3

166 126.8 88.7 164.7





#48

2-Hexanone

Concen: 45.155 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

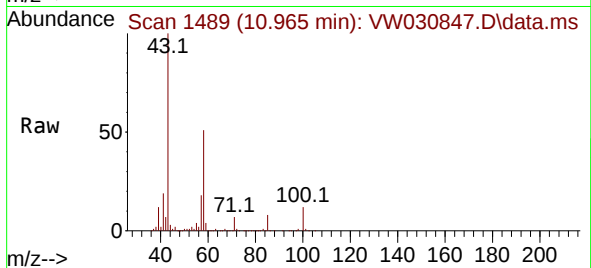
Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 77307

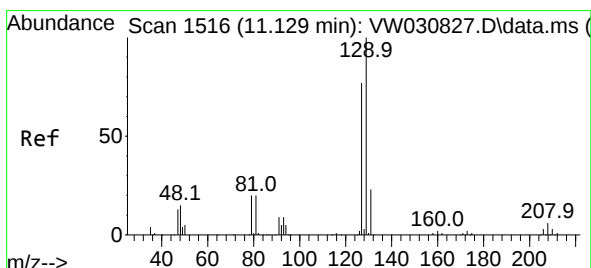
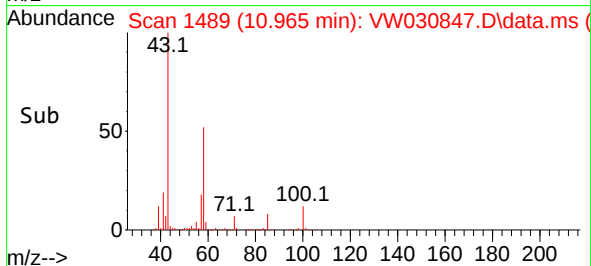
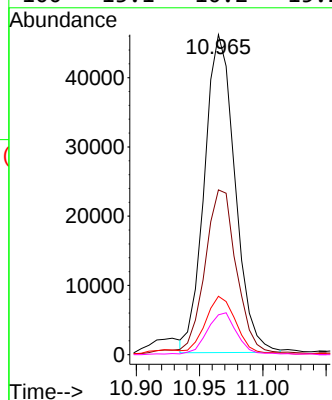
Ion Ratio Lower Upper

43 100

58 53.9 44.6 67.0

57 19.0 15.8 23.8

100 13.1 10.2 15.2



#49

Dibromochloromethane

Concen: 24.256 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW030847.D

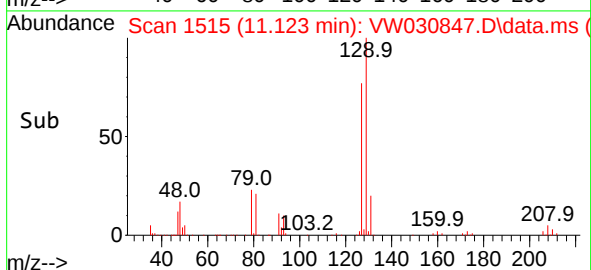
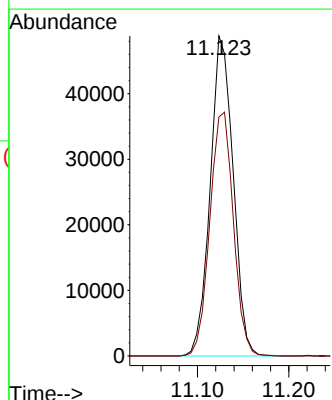
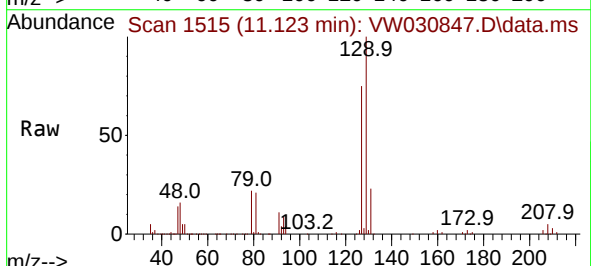
Acq: 30 Oct 2024 19:38

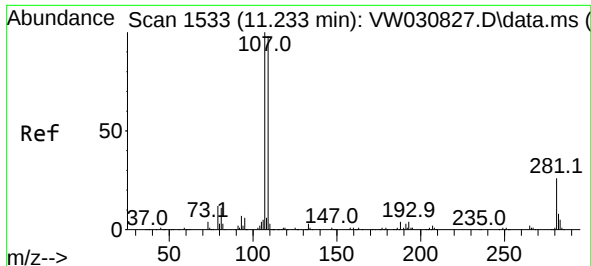
Tgt Ion: 129 Resp: 85239

Ion Ratio Lower Upper

129 100

127 74.7 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.565 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

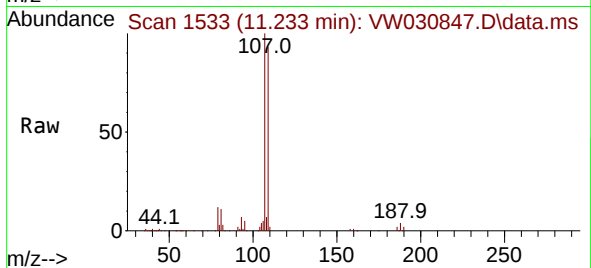
Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



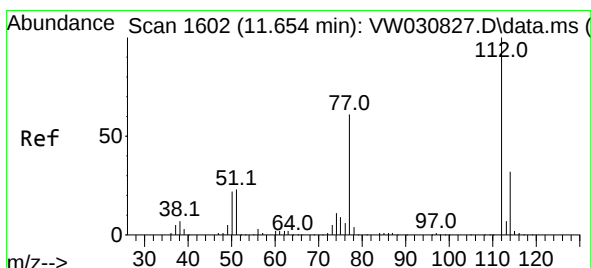
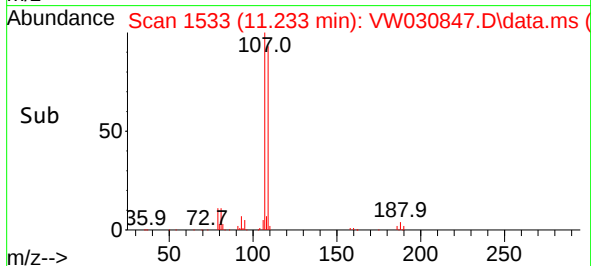
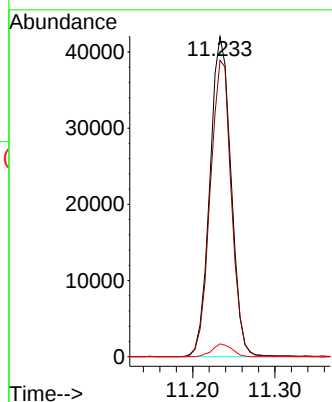
Tgt Ion:107 Resp: 75130

Ion Ratio Lower Upper

107 100

109 92.6 63.8 118.6

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 24.225 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

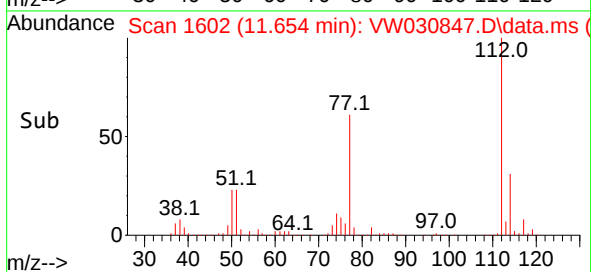
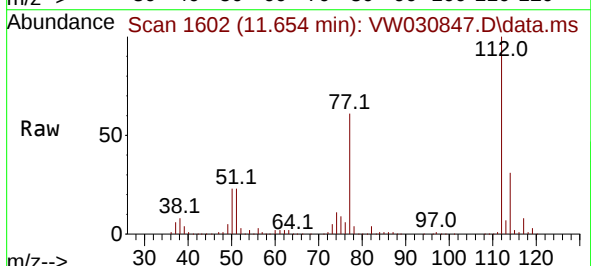
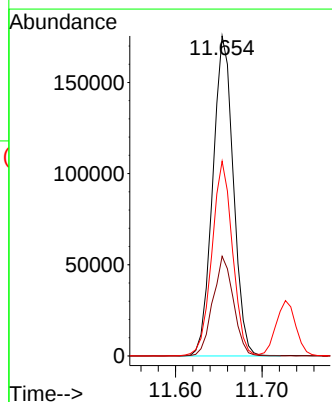
Tgt Ion:112 Resp: 290288

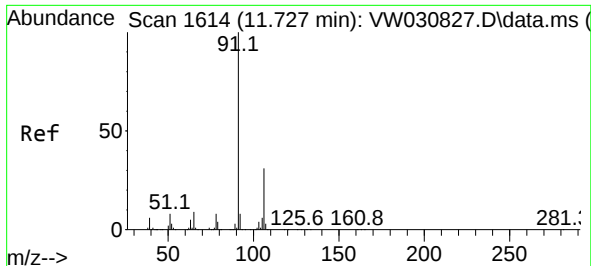
Ion Ratio Lower Upper

112 100

114 31.1 22.4 41.6

77 60.9 47.1 70.7

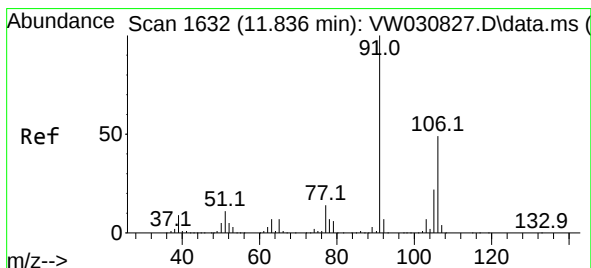
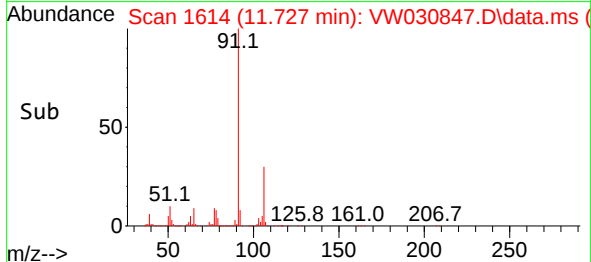
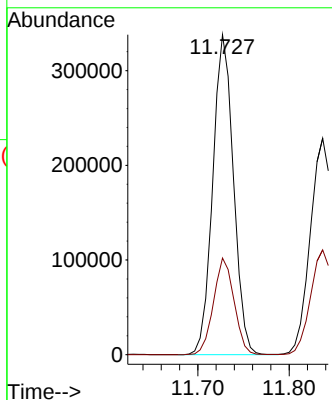
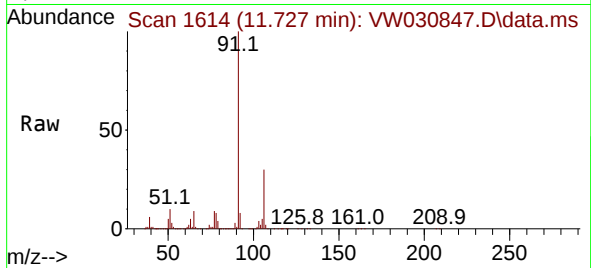




#52
Ethylbenzene
Concen: 25.022 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

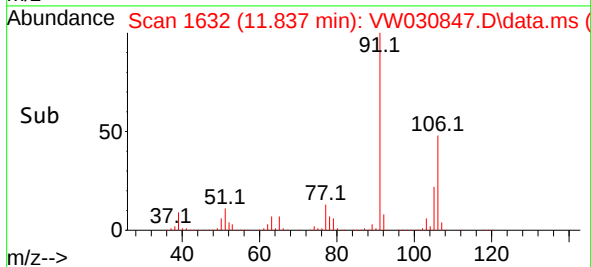
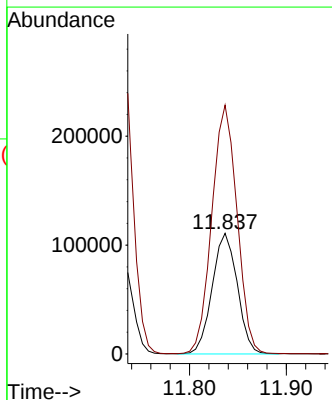
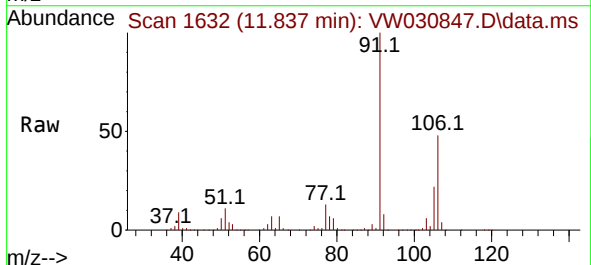
Instrument :
MSVOA_W
ClientSampleId :

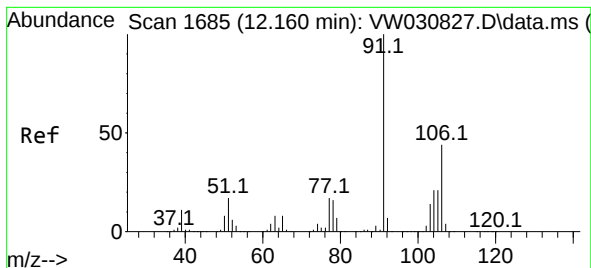
Tgt Ion: 91 Resp: 531488
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.1



#53
m,p-Xylene
Concen: 25.133 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion:106 Resp: 200001
Ion Ratio Lower Upper
106 100
91 206.4 140.6 261.2





#54

o-Xylene

Concen: 26.439 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

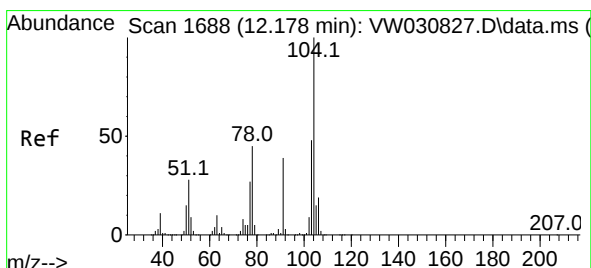
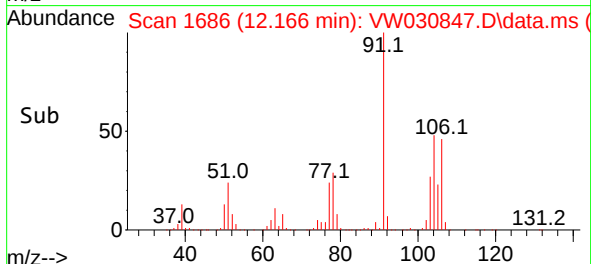
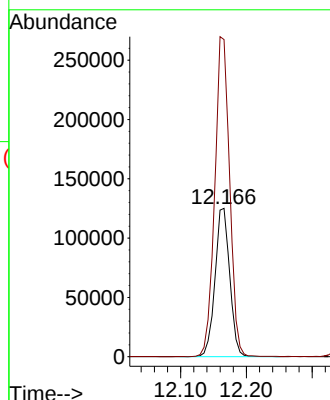
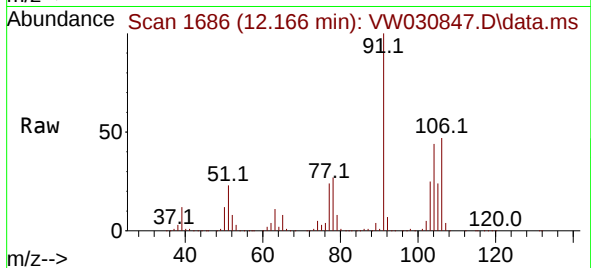
ClientSampleId :

Tgt Ion:106 Resp: 194509

Ion Ratio Lower Upper

106 100

91 213.9 144.5 268.4



#55

Styrene

Concen: 26.848 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030847.D

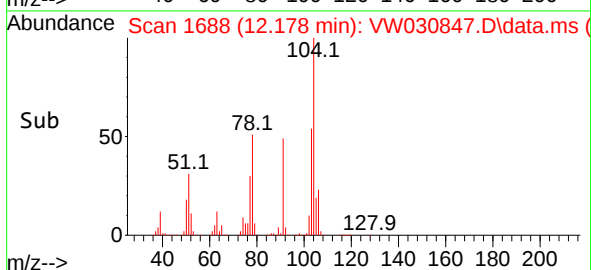
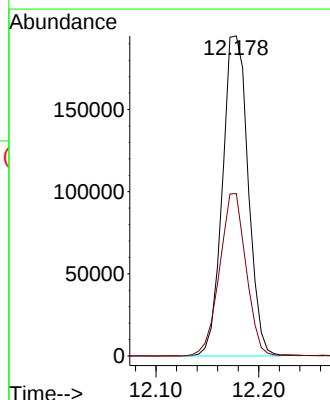
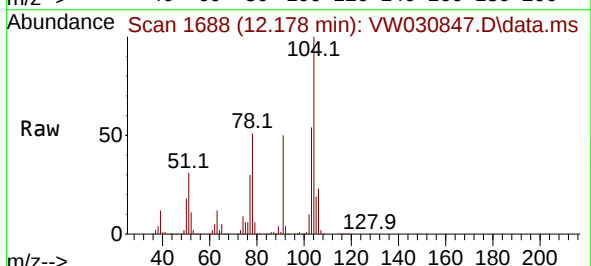
Acq: 30 Oct 2024 19:38

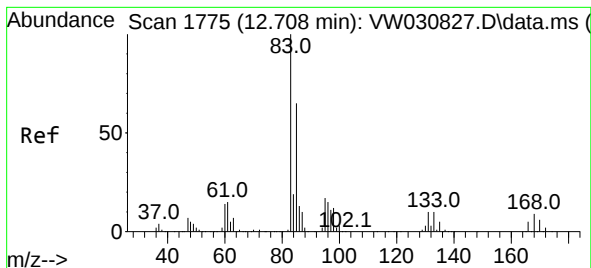
Tgt Ion:104 Resp: 337665

Ion Ratio Lower Upper

104 100

78 50.8 34.3 63.7

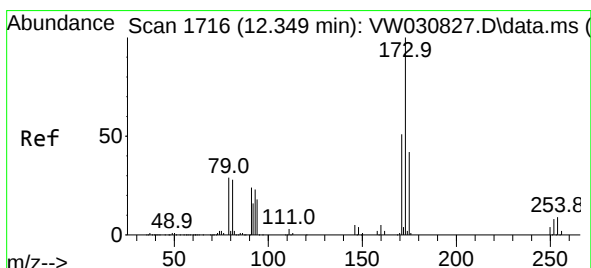
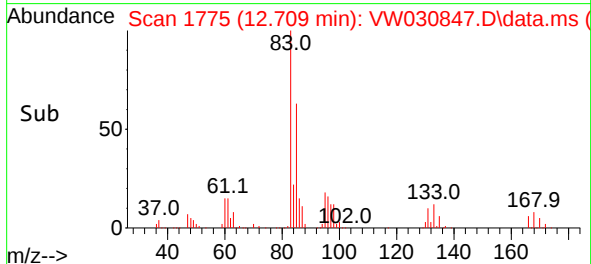
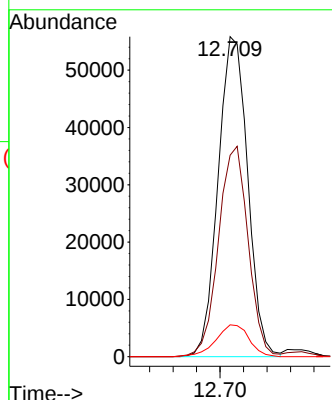
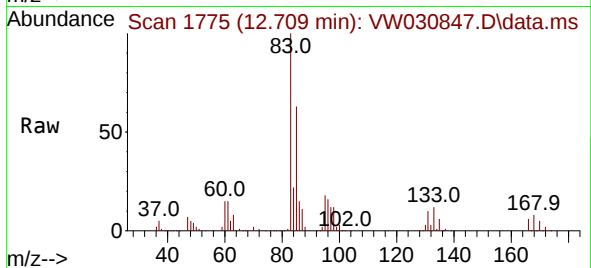




#57
1,1,2,2-Tetrachloroethane
Concen: 27.531 ug/L
RT: 12.709 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

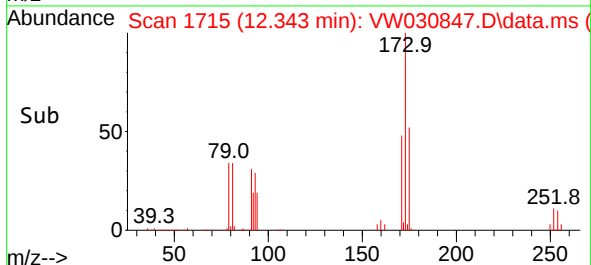
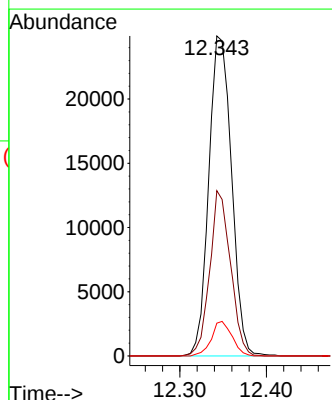
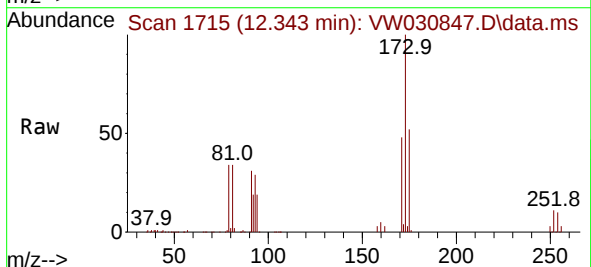
Instrument :
MSVOA_W
ClientSampleId :

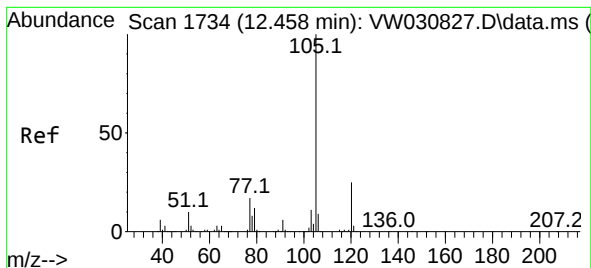
Tgt Ion: 83 Resp: 97780
Ion Ratio Lower Upper
83 100
85 63.0 42.6 79.2
131 9.9 7.4 11.0



#59
Bromoform
Concen: 22.870 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion: 173 Resp: 45505
Ion Ratio Lower Upper
173 100
175 47.1 39.0 58.4
254 9.8 7.7 11.5





#60

Isopropylbenzene

Concen: 23.405 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

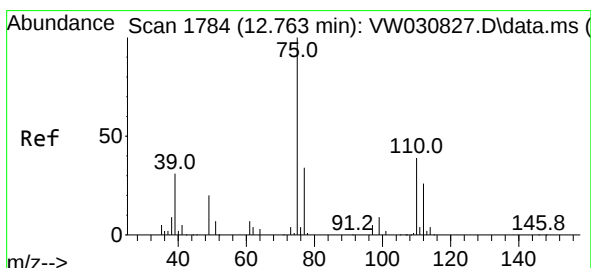
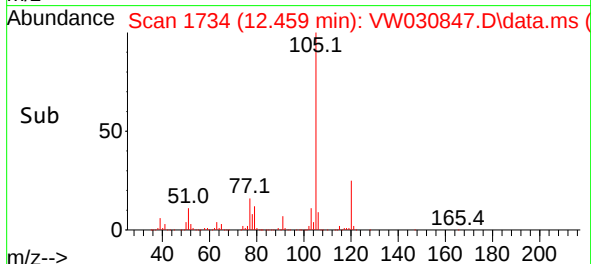
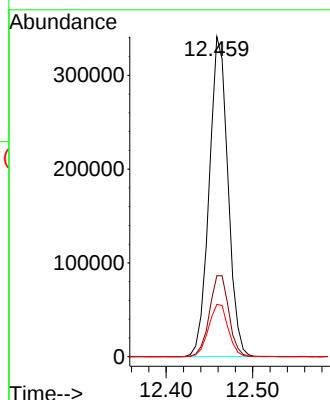
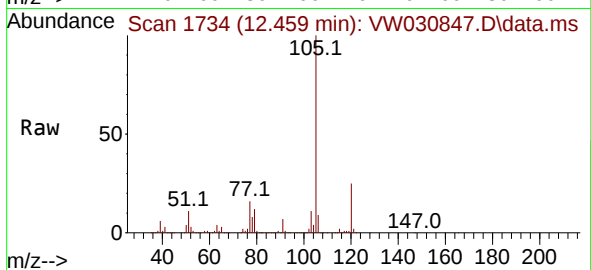
Tgt Ion:105 Resp: 513295

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 17.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 25.637 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

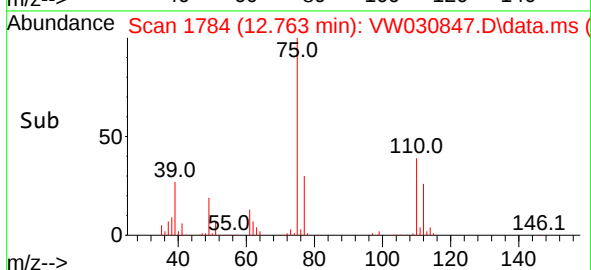
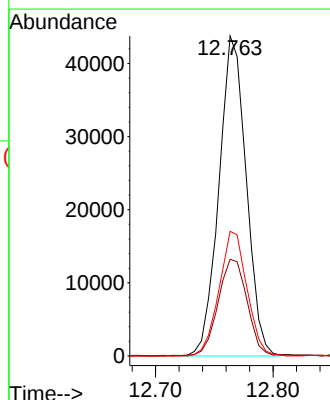
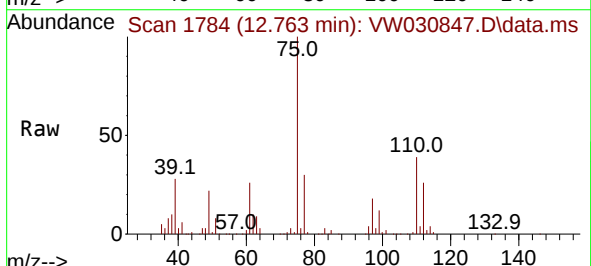
Tgt Ion: 75 Resp: 70648

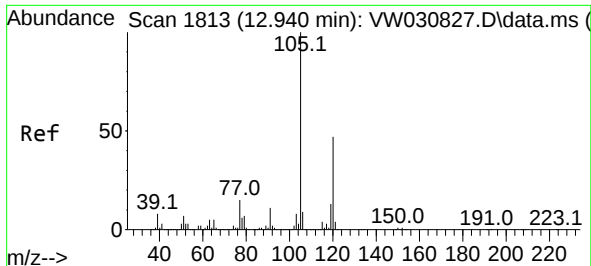
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

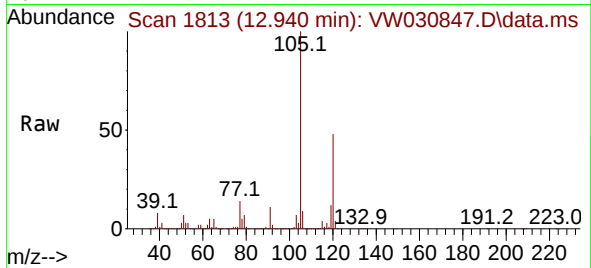
110 39.8 32.3 48.5



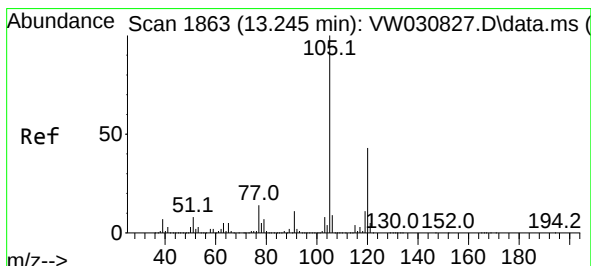
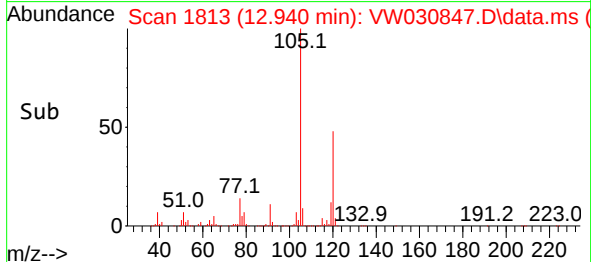
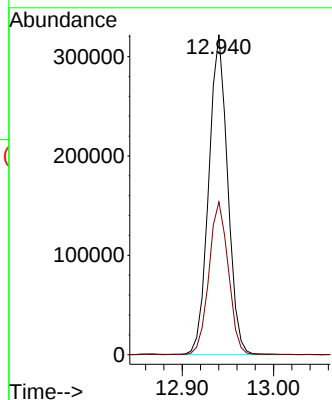


#62
1,3,5-Trimethylbenzene
Concen: 26.699 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Instrument :
MSVOA_W
ClientSampleId :

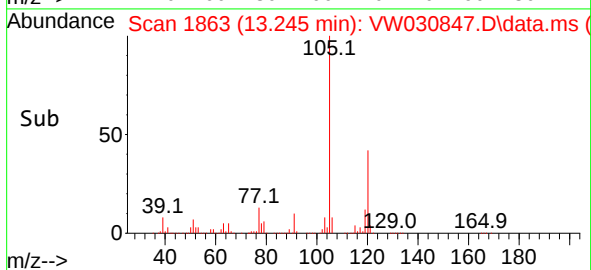
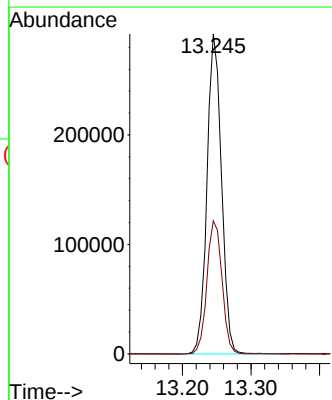
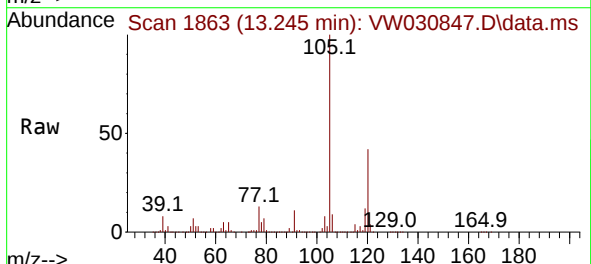


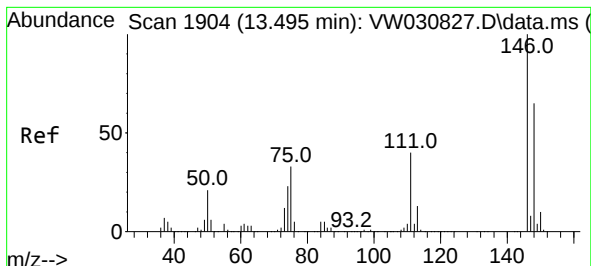
Tgt Ion:105 Resp: 461949
Ion Ratio Lower Upper
105 100
120 48.7 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 25.390 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion:105 Resp: 430130
Ion Ratio Lower Upper
105 100
120 43.3 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 22.827 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

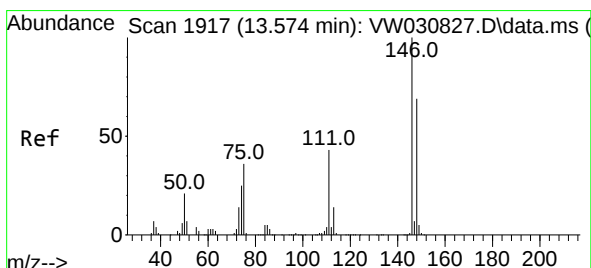
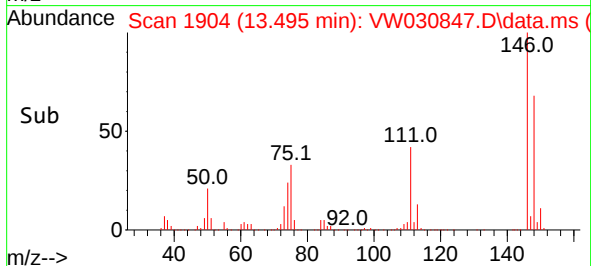
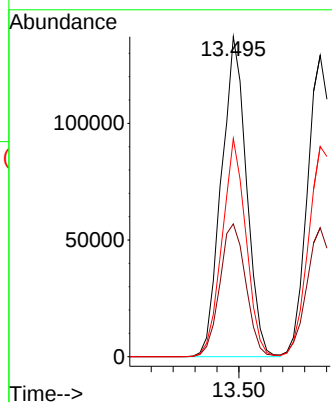
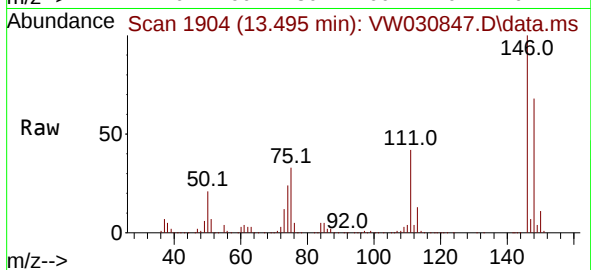
Tgt Ion:146 Resp: 217912

Ion Ratio Lower Upper

146 100

111 41.5 31.2 58.0

148 68.1 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 21.738 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030847.D

Acq: 30 Oct 2024 19:38

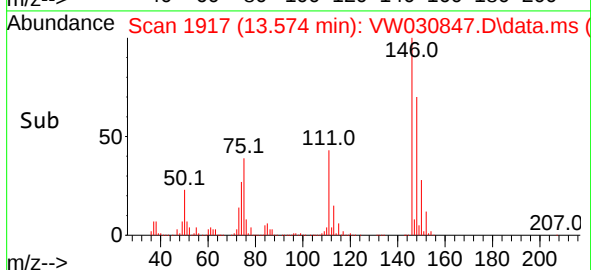
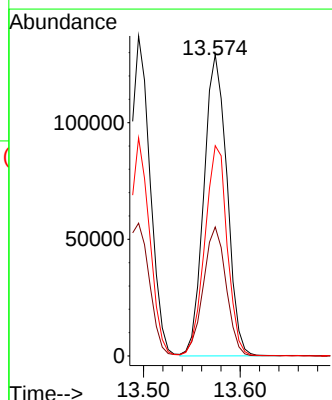
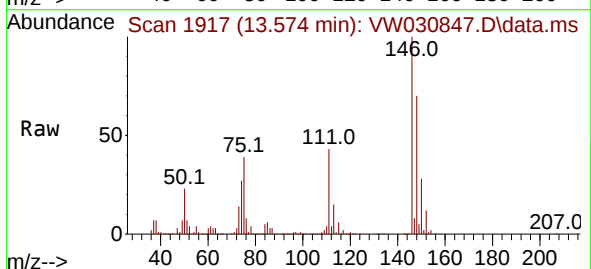
Tgt Ion:146 Resp: 214274

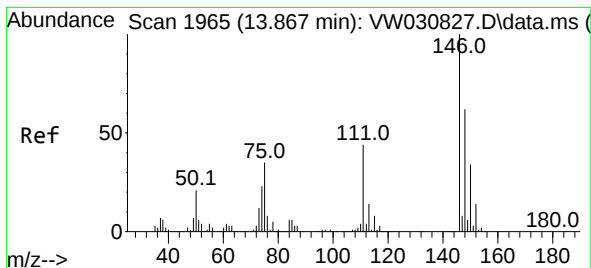
Ion Ratio Lower Upper

146 100

111 42.8 26.8 49.8

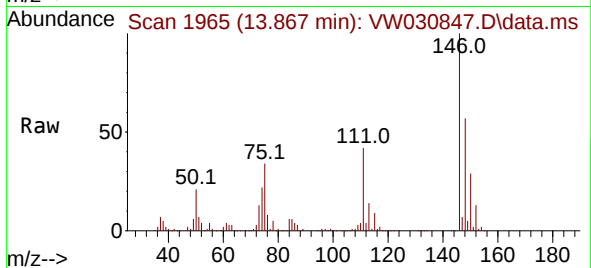
148 69.8 41.0 76.2



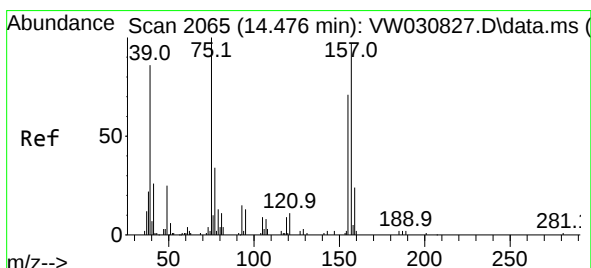
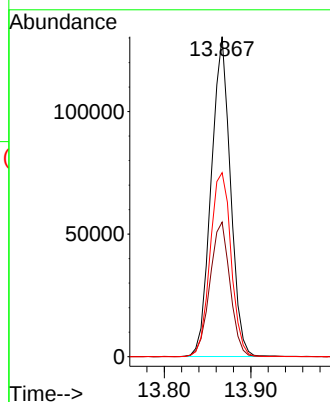
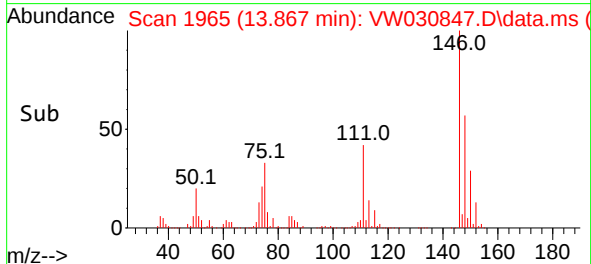


#67
1,2-Dichlorobenzene
Concen: 23.996 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

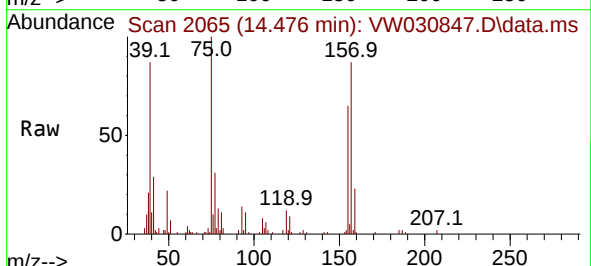
Instrument :
MSVOA_W
ClientSampleId :



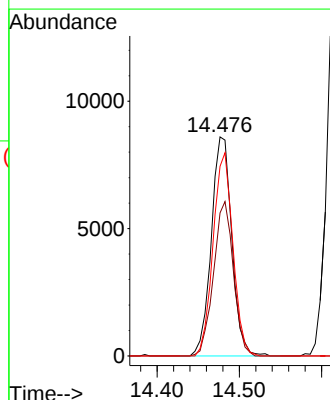
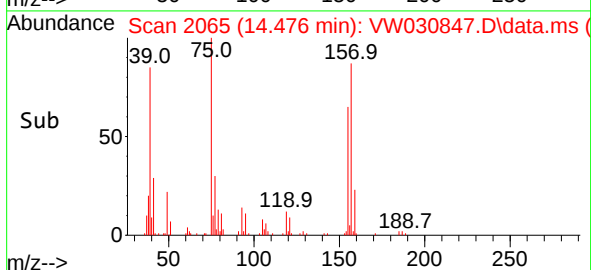
Tgt Ion:146 Resp: 201570
Ion Ratio Lower Upper
146 100
111 42.0 34.6 52.0
148 57.5 53.3 79.9

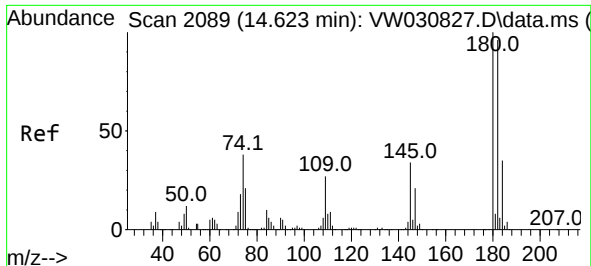


#68
1,2-Dibromo-3-chloropropane
Concen: 24.241 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38



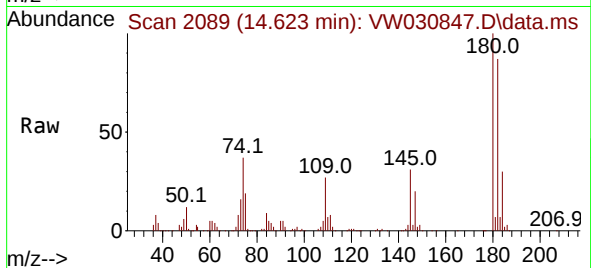
Tgt Ion: 75 Resp: 14895
Ion Ratio Lower Upper
75 100
155 65.3 57.9 86.9
157 86.6 69.0 103.6



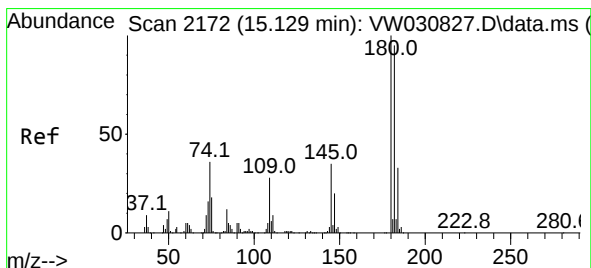
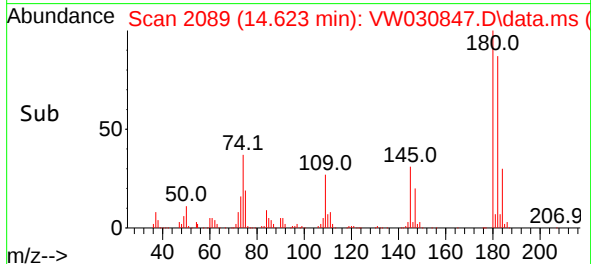
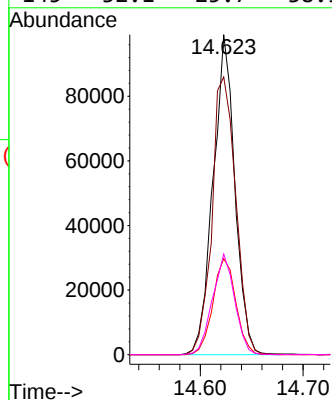


#69
 1,3,5-Trichlorobenzene
 Concen: 23.119 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

Instrument :
 MSVOA_W
 ClientSampleId :

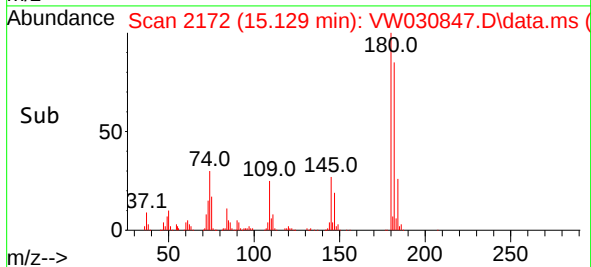
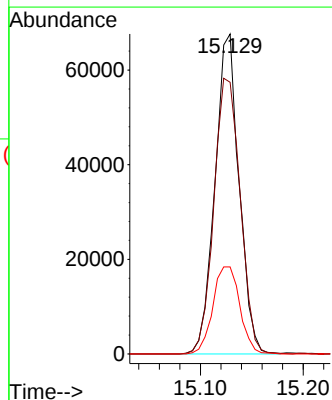
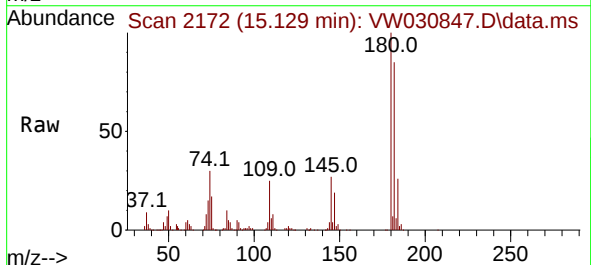


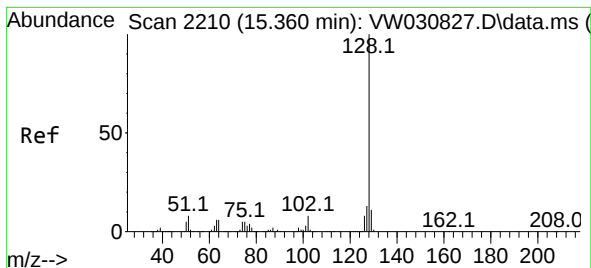
Tgt Ion:180 Resp: 145532
 Ion Ratio Lower Upper
 180 100
 182 94.8 79.9 119.9
 184 31.7 25.2 37.8
 145 32.1 25.7 38.5



#70
 1,2,4-trichlorobenzene
 Concen: 21.755 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030847.D
 Acq: 30 Oct 2024 19:38

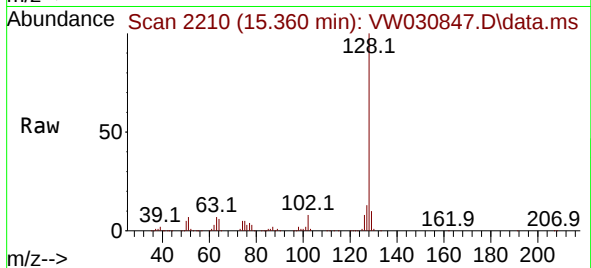
Tgt Ion:180 Resp: 110250
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.2 112.8
 145 30.4 25.4 38.2



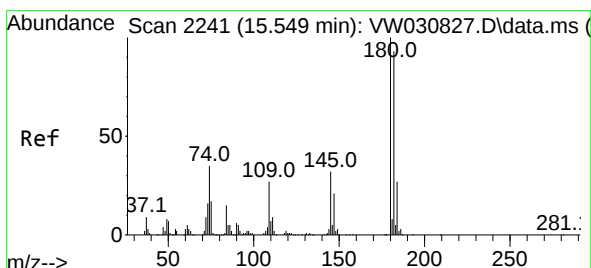
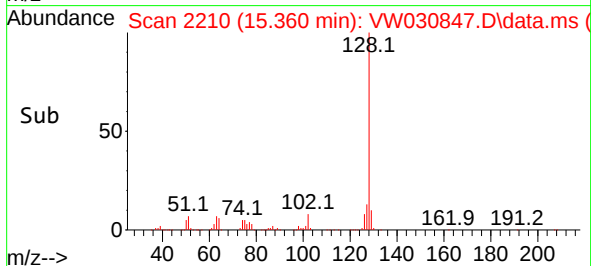
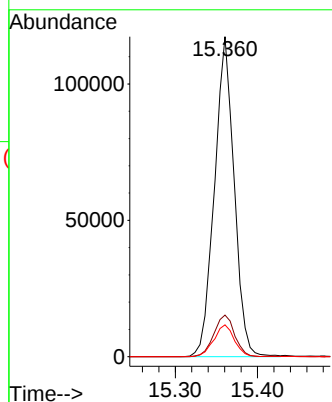


#71
Naphthalene
Concen: 22.302 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 195267
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 10.4 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.616 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030847.D
Acq: 30 Oct 2024 19:38

Tgt Ion:180 Resp: 94968
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.4
145 34.3 27.4 41.2

