

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030825.D
 Acq On : 29 Oct 2024 23:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:24:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	289099	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	266688	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131824	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	85191	18.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
7) Chloroethane-d5	2.899	69	82072	23.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	4.021	65	34014	17.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.000%
21) 2-Butanone-d5	7.081	46	39999	48.911	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.820%
24) Chloroform-d	7.648	84	194823	23.564	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	8.307	65	103384	24.047	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.276	84	350060	22.616	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	9.270	67	109220	24.041	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.160%
41) Toluene-d8	10.319	98	314321	22.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.960%
43) trans-1,3-Dichloroprop...	10.575	79	43415	22.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.280%
47) 2-Hexanone-d5	10.922	63	34424	58.830	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87292	26.163	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	109784	24.613	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54748	14.822	ug/L	99
3) Chloromethane	2.222	50	74399	17.331	ug/L	98
5) Vinyl chloride	2.375	62	94144	17.833	ug/L	95
6) Bromomethane	2.789	94	66630	19.175	ug/L	98
8) Chloroethane	2.936	64	66994	20.759	ug/L	100
9) Trichlorofluoromethane	3.265	101	86542	18.320	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	77858	18.320	ug/L	96
12) 1,1-Dichloroethene	4.045	96	70418	18.155	ug/L	96
13) Acetone	4.137	43	35556	29.698	ug/L	98
14) Carbon disulfide	4.387	76	176140	13.906	ug/L	100
15) Methyl Acetate	4.673	43	32098	21.704	ug/L	96
16) Methylene chloride	4.923	84	90595	20.728	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	81036	19.362	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	136945	23.379	ug/L	99
19) 1,1-Dichloroethane	6.216	63	169703	21.816	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	96607	21.640	ug/L	93
22) 2-Butanone	7.173	43	45725	35.430	ug/L	100
23) Bromochloromethane	7.520	128	42940	21.987	ug/L	95
25) Chloroform	7.673	83	186787	22.470	ug/L	99

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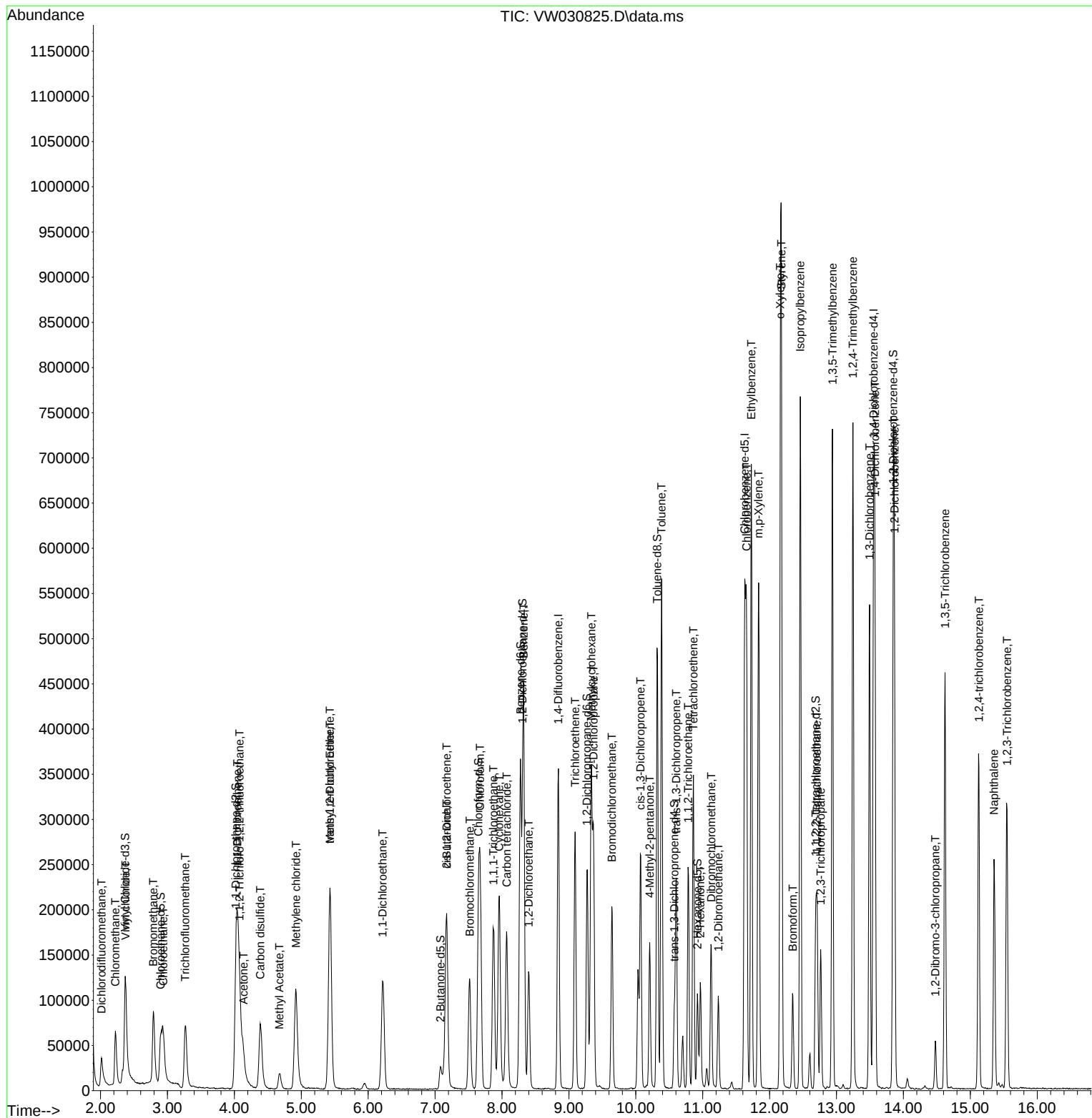
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118110	21.537	ug/L	100
29) Cyclohexane	7.959	56	113531	17.488	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	144184	20.366	ug/L	99
31) Carbon tetrachloride	8.069	117	125881	19.908	ug/L	98
33) Benzene	8.325	78	367396	21.170	ug/L	100
34) Trichloroethene	9.093	95	94279	19.527	ug/L	99
35) Methylcyclohexane	9.337	83	134320	17.677	ug/L	99
37) 1,2-Dichloropropane	9.367	63	100149	23.105	ug/L	100
38) Bromodichloromethane	9.642	83	132760	23.021	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	146793	22.452	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	101819	48.897	ug/L	99
42) Toluene	10.386	91	399490	21.577	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	122907	22.371	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	72058	23.002	ug/L	97
46) Tetrachloroethene	10.861	164	70732	19.863	ug/L	95
48) 2-Hexanone	10.965	43	71339	41.893	ug/L	98
49) Dibromochloromethane	11.129	129	80108	22.918	ug/L	91
50) 1,2-Dibromoethane	11.233	107	64825	22.177	ug/L	95
51) Chlorobenzene	11.654	112	259118	21.740	ug/L	97
52) Ethylbenzene	11.727	91	458598	21.707	ug/L	100
53) m,p-Xylene	11.837	106	169804	21.453	ug/L	93
54) o-Xylene	12.160	106	162238	22.171	ug/L	84
55) Styrene	12.178	104	294939	23.577	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	86136	24.383	ug/L	97
59) Bromoform	12.349	173	44183	23.856	ug/L	97
60) Isopropylbenzene	12.458	105	467038	22.878	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59926	23.361	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	368393	22.874	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	366240	23.225	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	202065	22.740	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	208585	22.733	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	184650	23.615	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13499	23.601	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	130346	22.245	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	111630	23.664	ug/L	99
71) Naphthalene	15.354	128	209363	25.689	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97890	23.937	ug/L	99

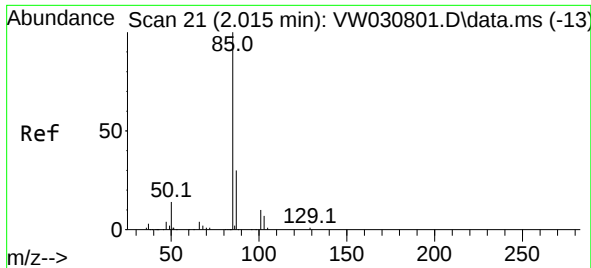
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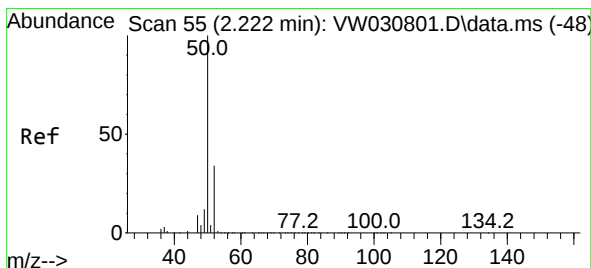
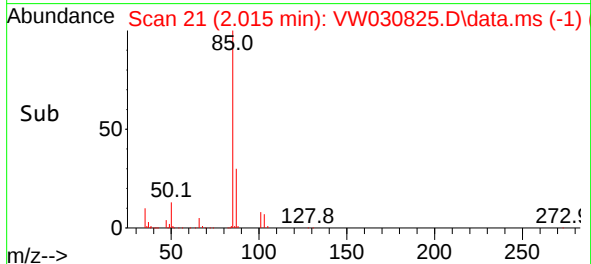
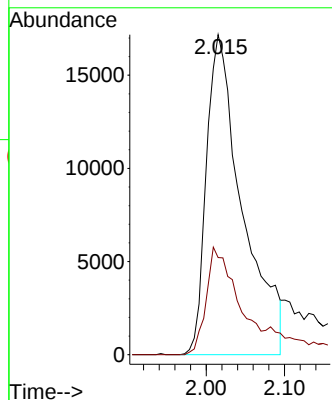
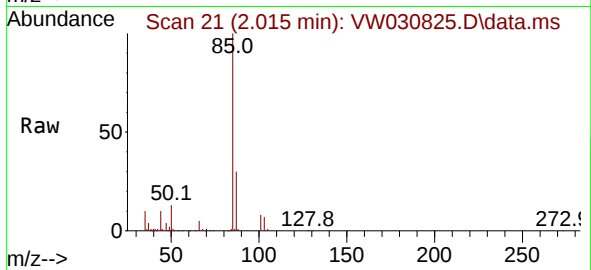




#2
 Dichlorodifluoromethane
 Concen: 14.822 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030825.D
 Acq: 29 Oct 2024 23:40

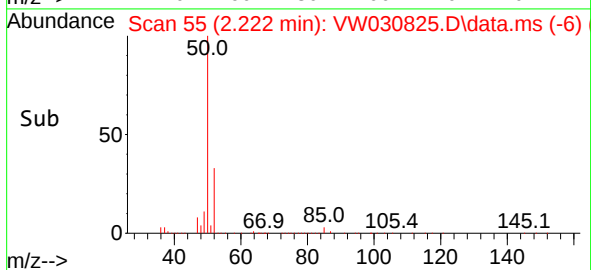
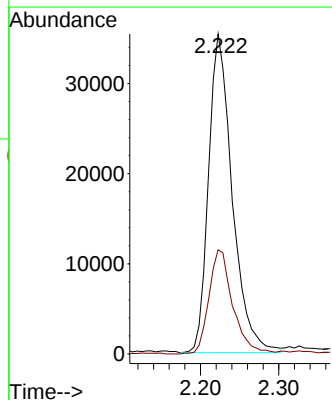
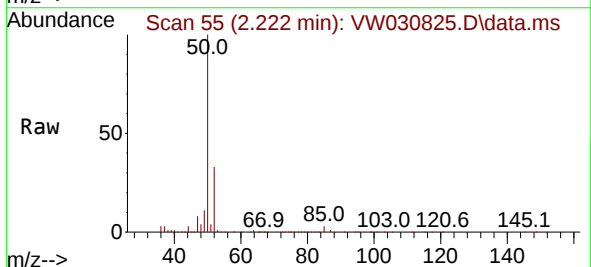
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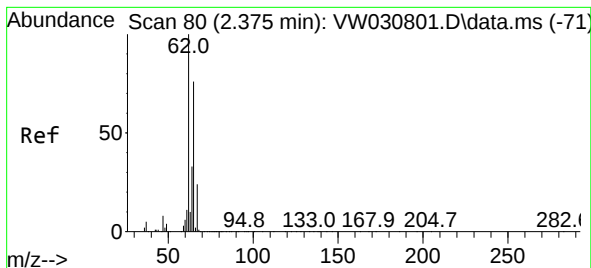
Tgt Ion: 85 Resp: 54748
 Ion Ratio Lower Upper
 85 100
 87 29.3 23.8 35.6



#3
 Chloromethane
 Concen: 17.331 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030825.D
 Acq: 29 Oct 2024 23:40

Tgt Ion: 50 Resp: 74399
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.7 43.9





#5

Vinyl chloride

Concen: 17.833 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

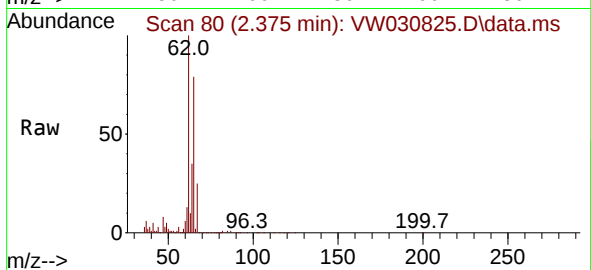
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Acq: 29 Oct 2024 23:40

Instrument :

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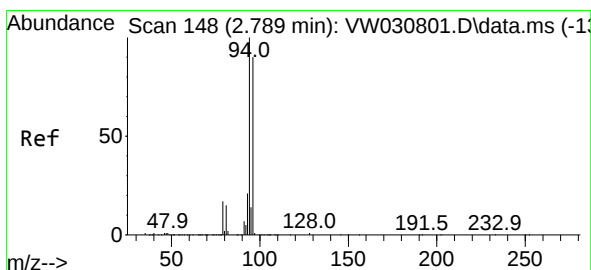
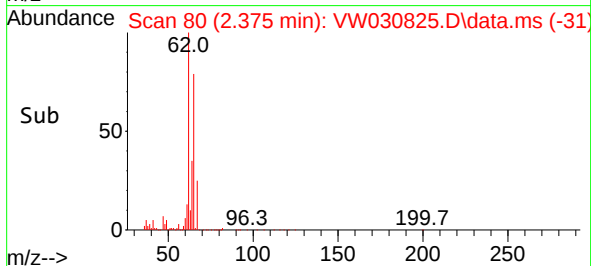
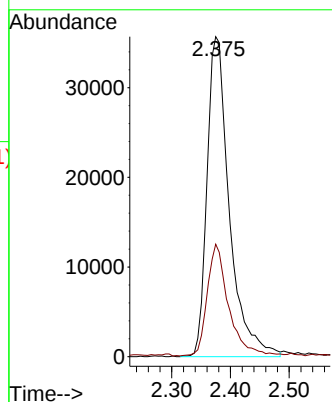


Tgt Ion: 62 Resp: 94144

Ion Ratio Lower Upper

62 100

64 35.1 22.6 42.0



#6

Bromomethane

Concen: 19.175 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030825.D

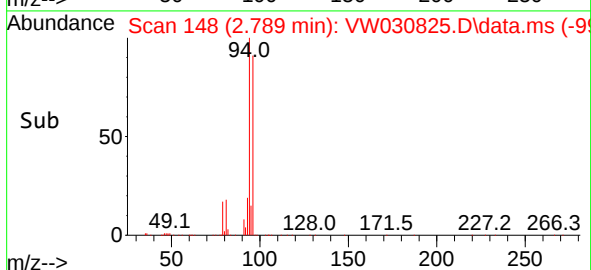
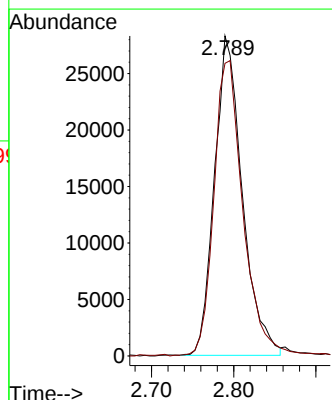
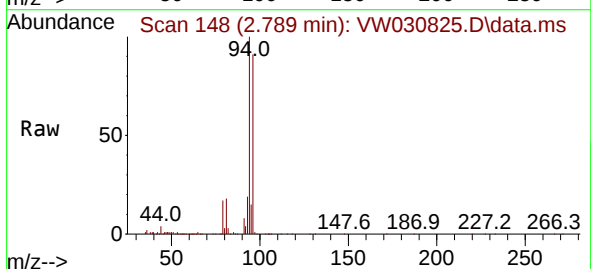
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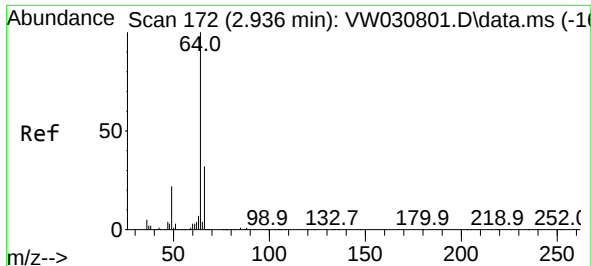
Tgt Ion: 94 Resp: 66630

Ion Ratio Lower Upper

94 100

96 91.4 62.6 116.2

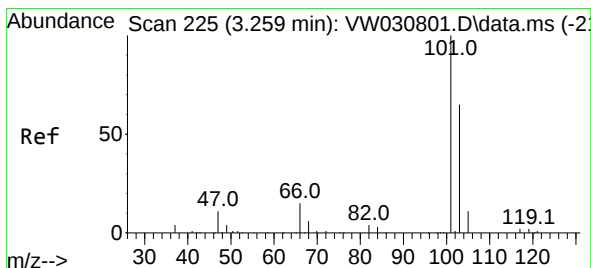
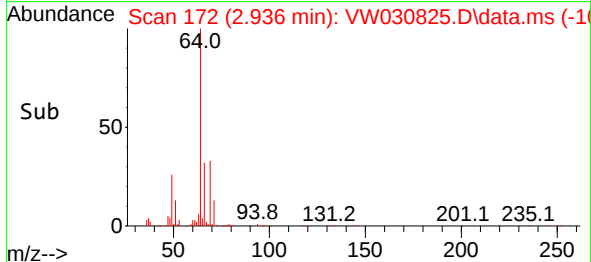
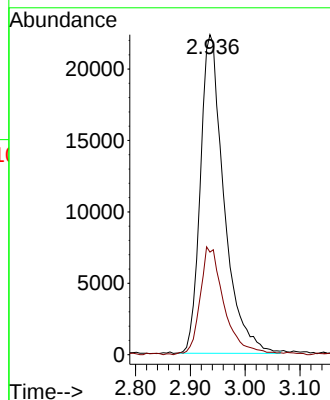
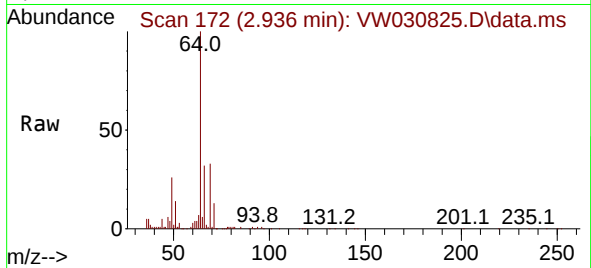




#8
Chloroethane
Concen: 20.759 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

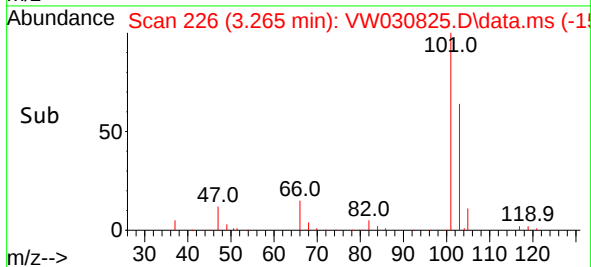
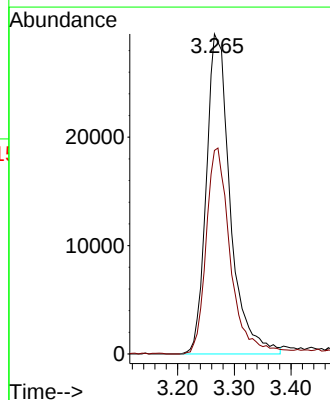
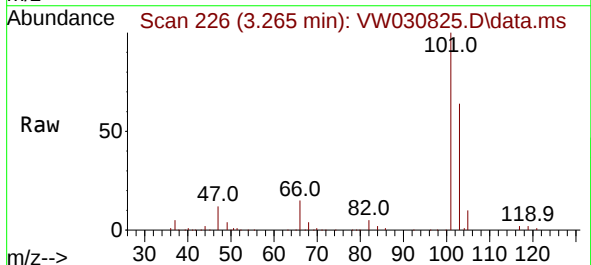
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ClientSampleId :

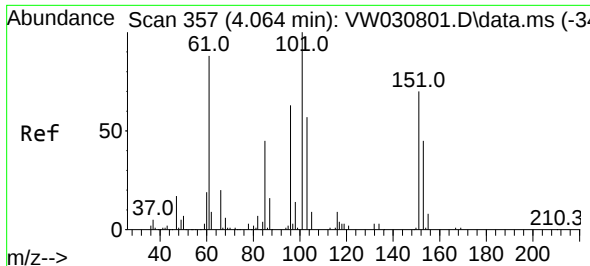
Tgt Ion: 64 Resp: 66994
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 18.320 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion: 101 Resp: 86542
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7

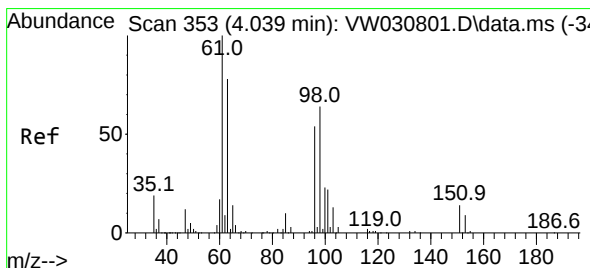
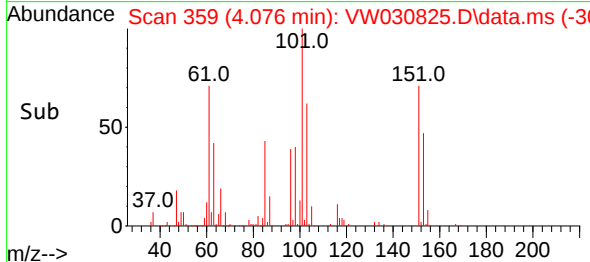
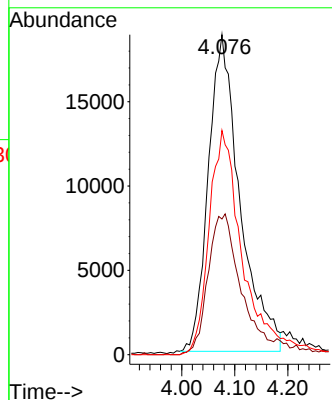
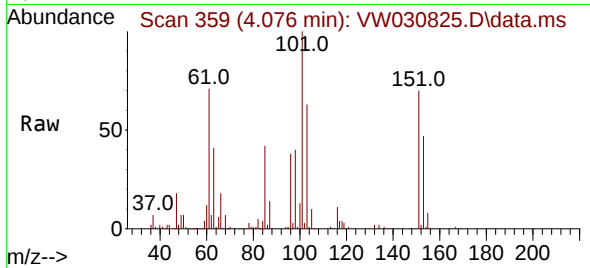




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.320 ug/L
 RT: 4.076 min Scan# 357
 Delta R.T. 0.012 min
 Lab File: VW030825.D
 Acq: 29 Oct 2024 23:40

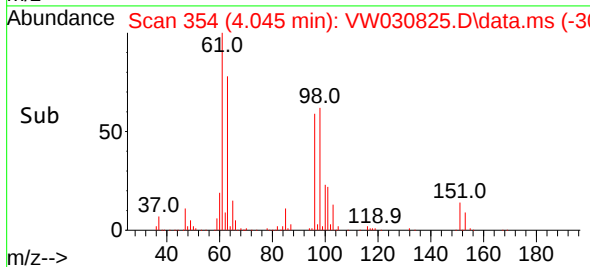
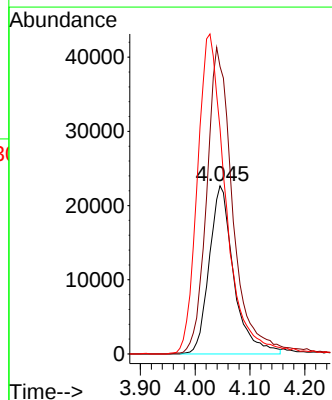
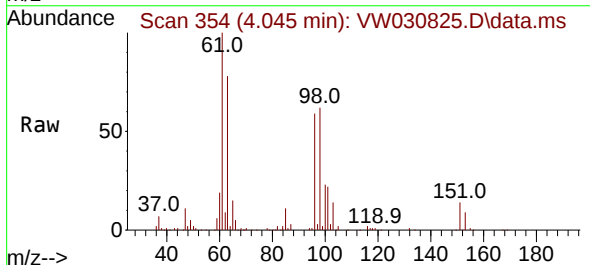
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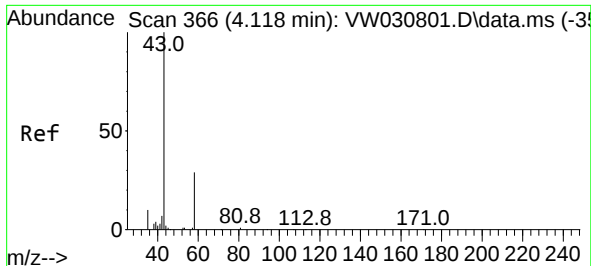
Tgt Ion:101 Resp: 77858
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.7 53.5
 151 74.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 18.155 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030825.D
 Acq: 29 Oct 2024 23:40

Tgt Ion: 96 Resp: 70418
 Ion Ratio Lower Upper
 96 100
 61 170.9 121.3 225.3
 63 134.0 87.6 162.8

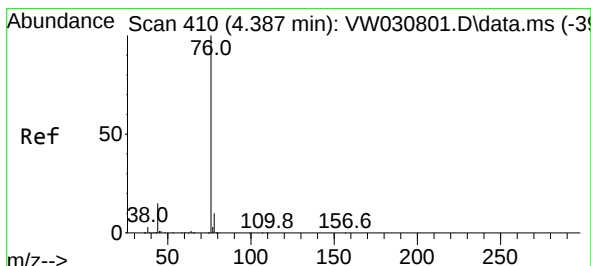
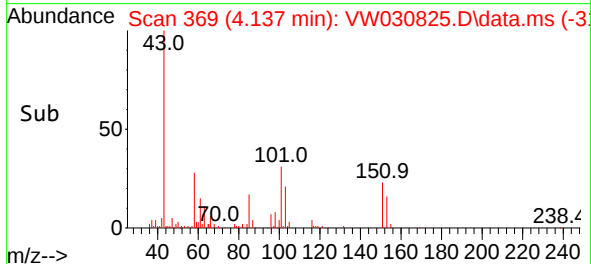
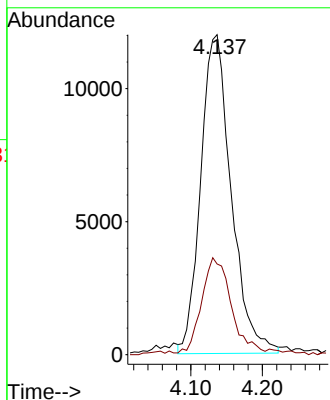
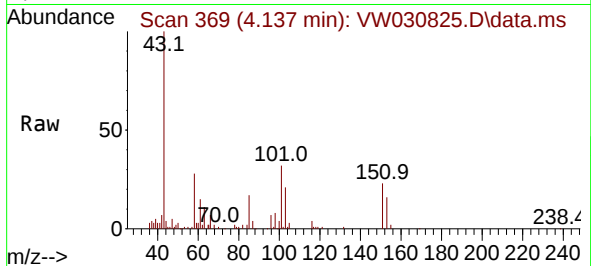




#13
Acetone
Concen: 29.698 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.018 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

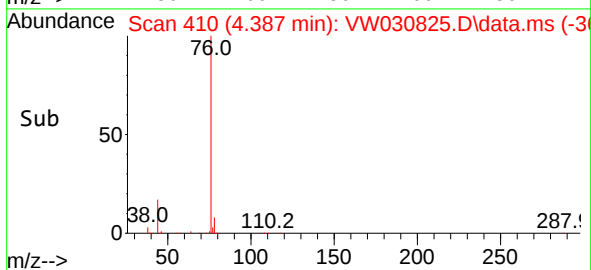
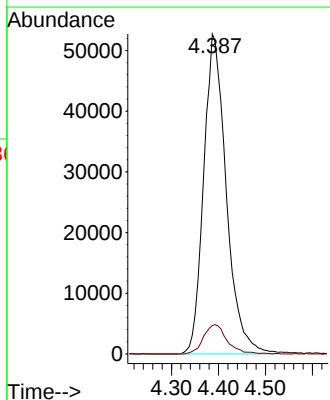
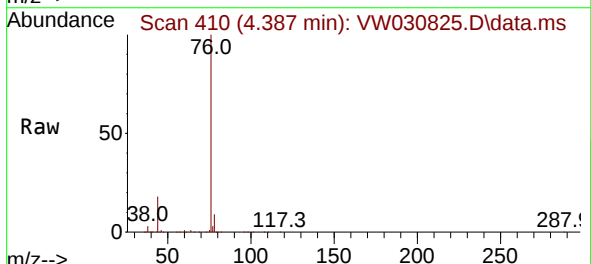
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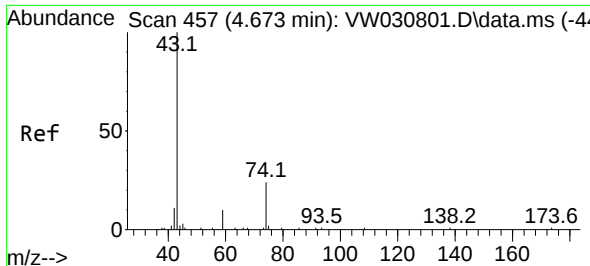
Tgt Ion: 43 Resp: 35556
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.6



#14
Carbon disulfide
Concen: 13.906 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 176140
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

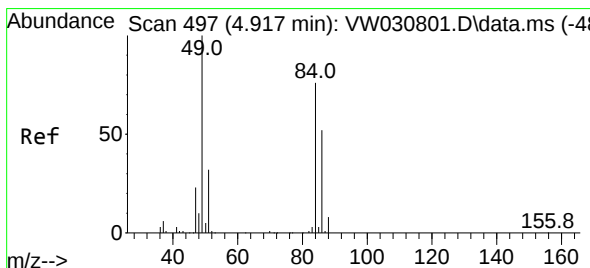
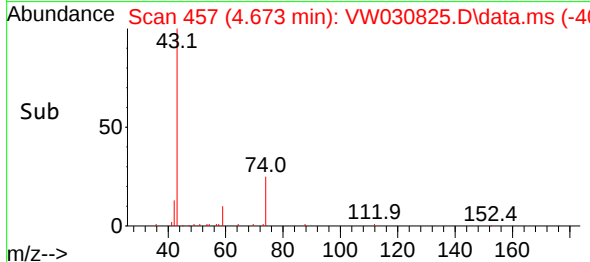
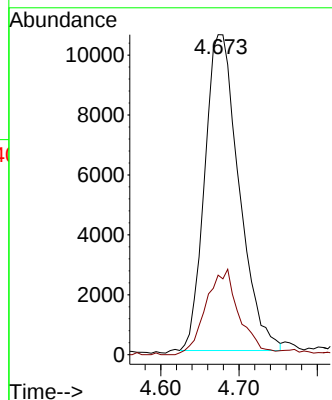
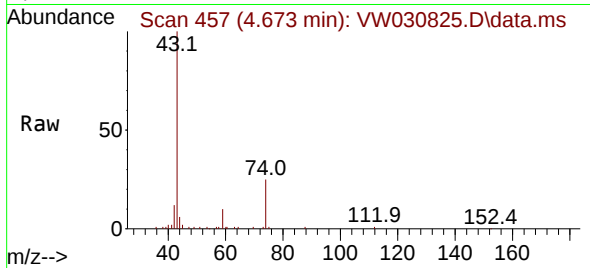




#15
Methyl Acetate
Concen: 21.704 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

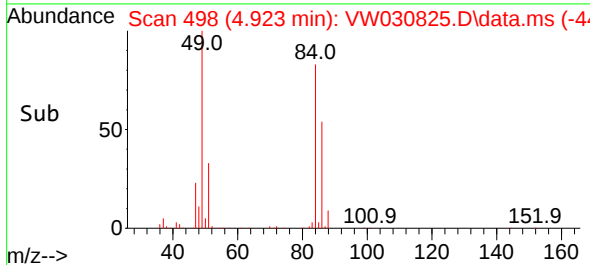
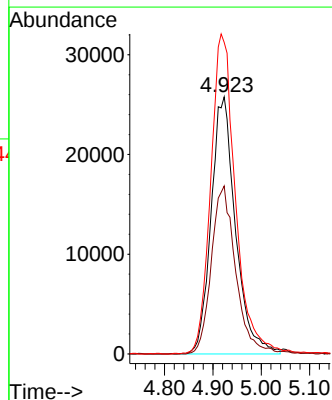
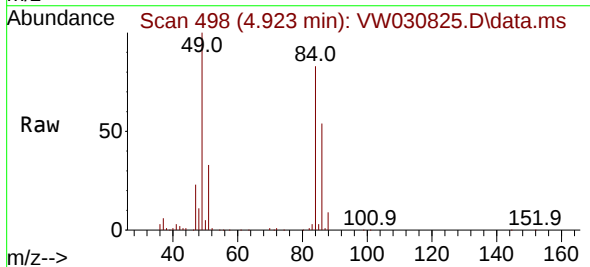
Instrument :
MSVOA_W
ClientSampleId :

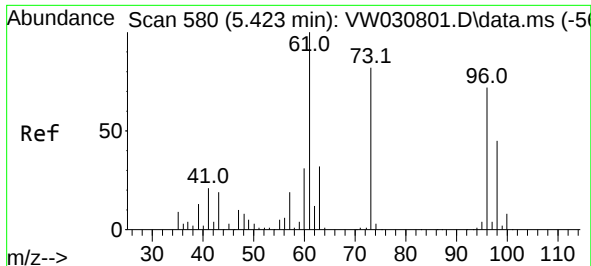
Tgt Ion: 43 Resp: 32098
Ion Ratio Lower Upper
43 100
74 26.2 19.3 28.9



#16
Methylene chloride
Concen: 20.728 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion: 84 Resp: 90595
Ion Ratio Lower Upper
84 100
86 65.3 43.8 81.3
49 121.2 88.3 164.1

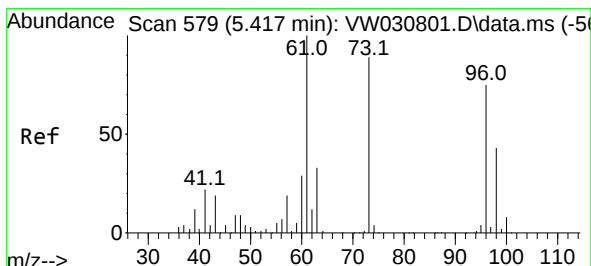
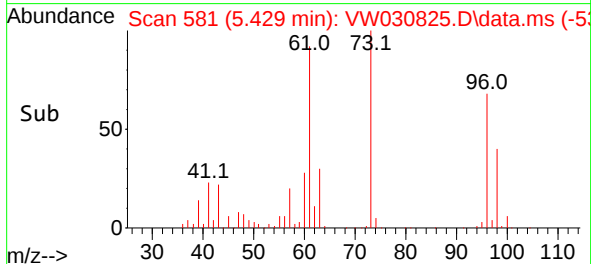
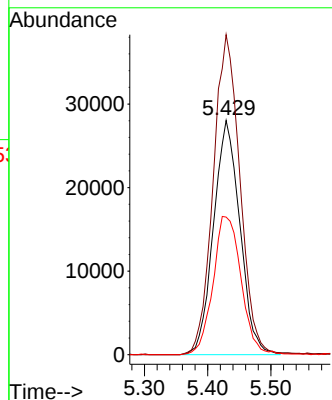
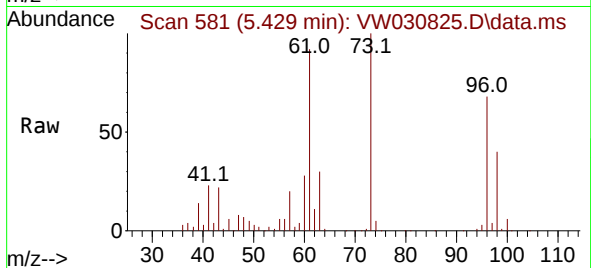




#17
trans-1,2-Dichloroethene
Concen: 19.362 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

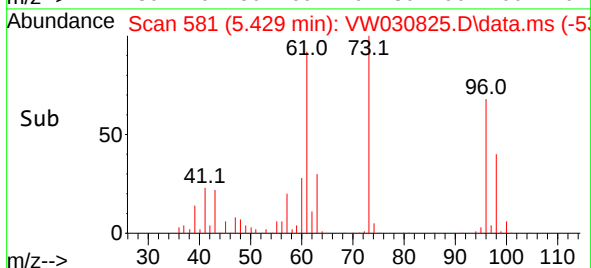
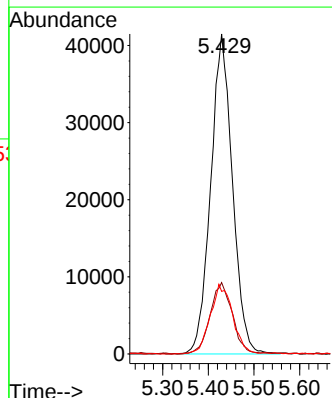
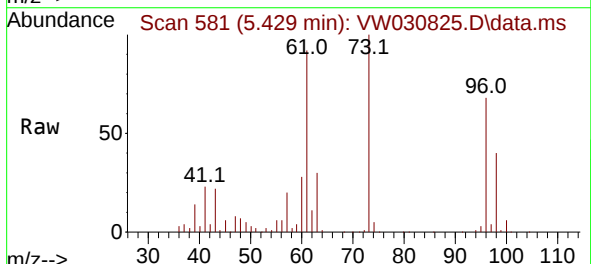
Instrument :
MSVOA_W
ClientSampleId :

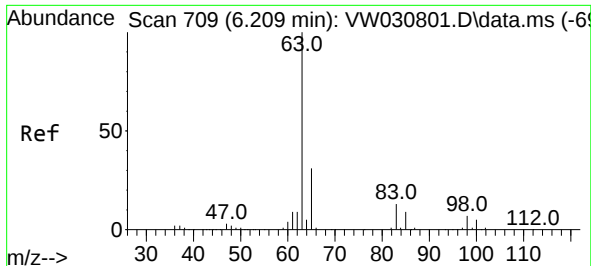
Tgt Ion: 96 Resp: 81036
Ion Ratio Lower Upper
96 100
61 136.6 96.9 179.9
98 58.7 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 23.379 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion: 73 Resp: 136945
Ion Ratio Lower Upper
73 100
43 22.9 18.1 27.1
57 22.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 21.816 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

ClientSampleId :

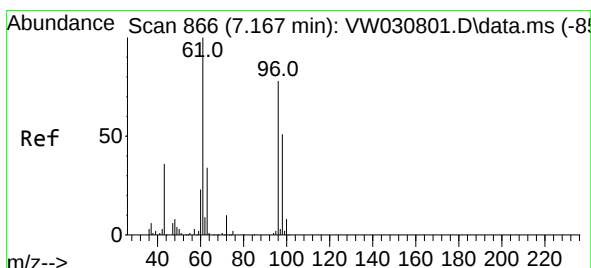
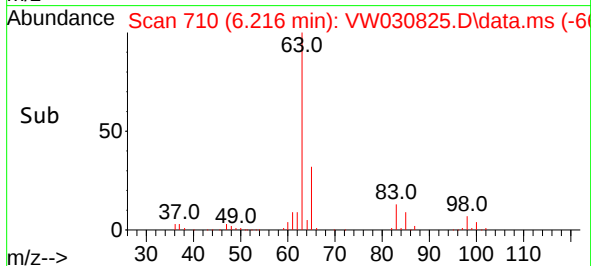
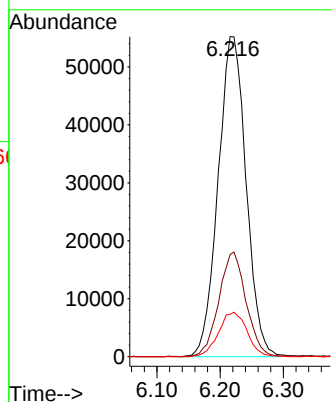
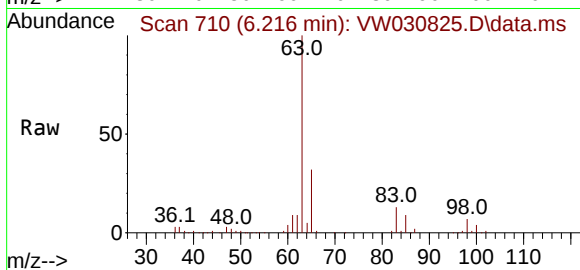
Tgt Ion: 63 Resp: 169703

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.9

83 13.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 21.640 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

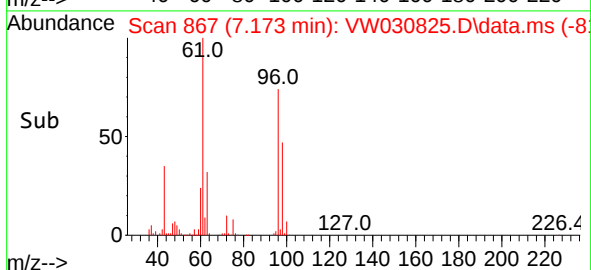
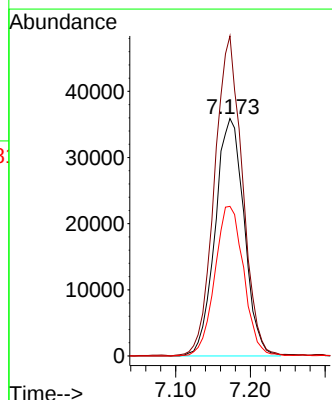
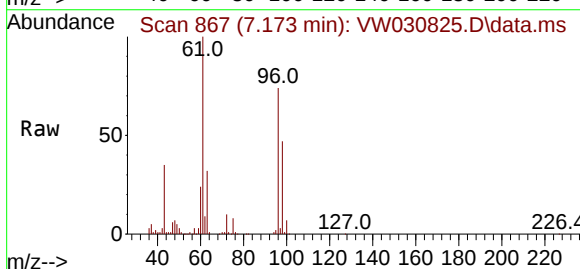
Tgt Ion: 96 Resp: 96607

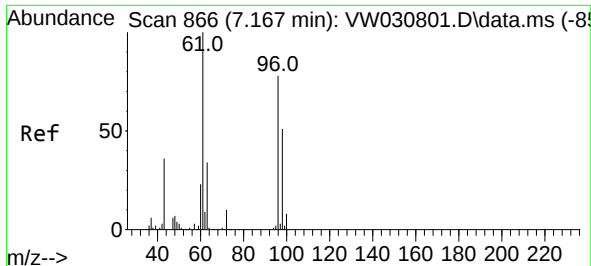
Ion Ratio Lower Upper

96 100

61 134.8 88.3 163.9

98 63.0 41.3 76.7

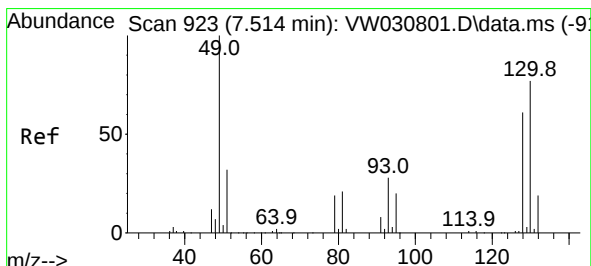
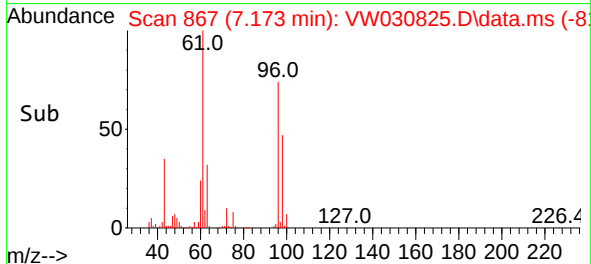
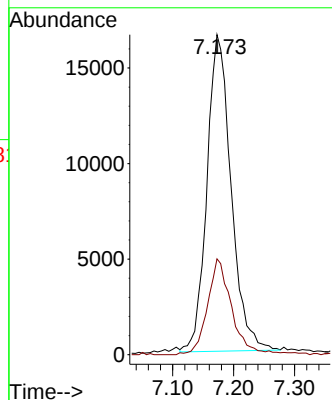
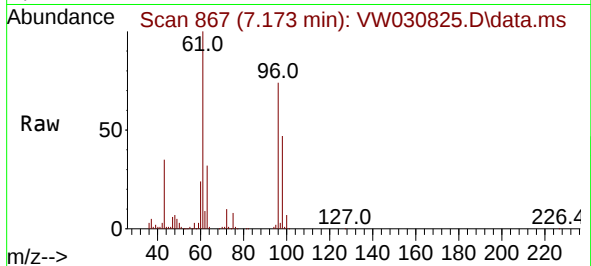




#22
2-Butanone
Concen: 35.430 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

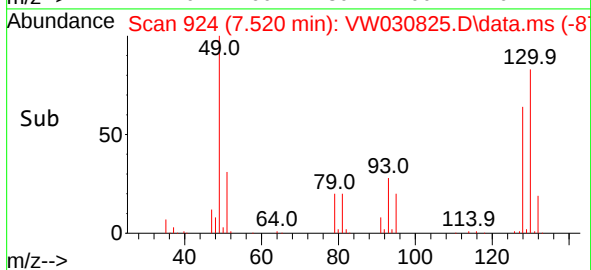
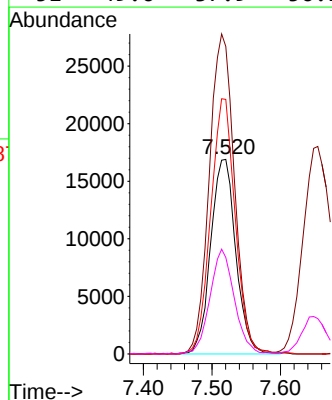
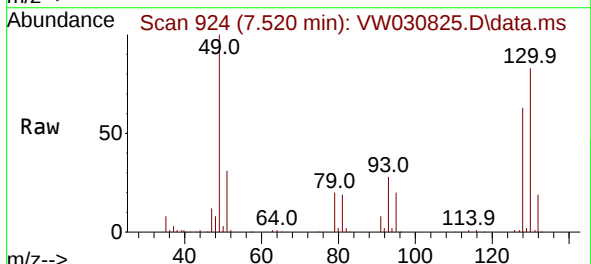
Instrument :
MSVOA_W
ClientSampleId :

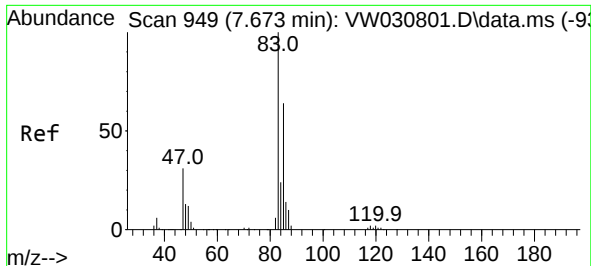
Tgt Ion: 43 Resp: 45725
Ion Ratio Lower Upper
43 100
72 28.6 14.4 43.0



#23
Bromochloromethane
Concen: 21.987 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion: 128 Resp: 42940
Ion Ratio Lower Upper
128 100
49 158.0 110.1 204.5
130 130.8 82.9 153.9
51 49.6 37.9 56.9

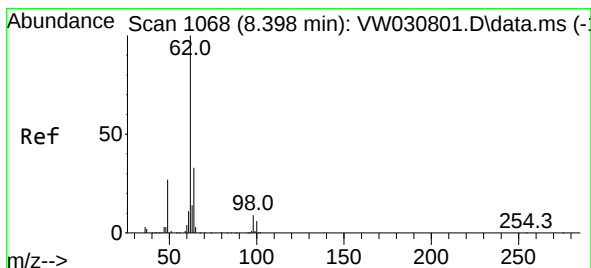
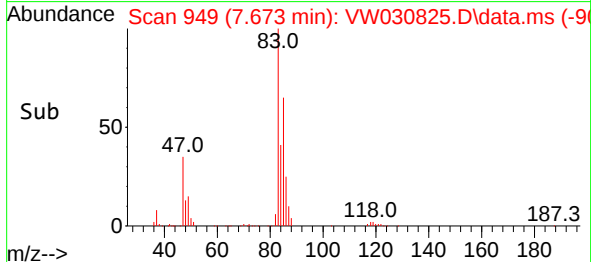
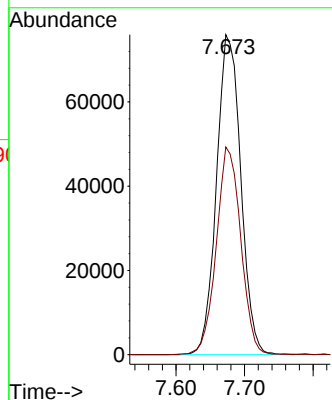
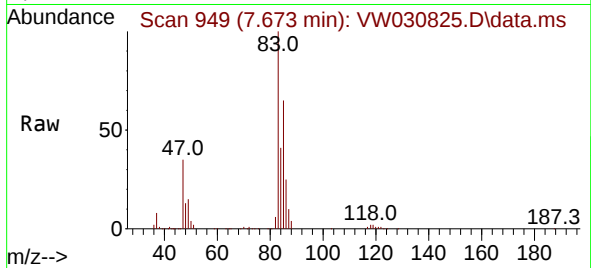




#25
Chloroform
Concen: 22.470 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

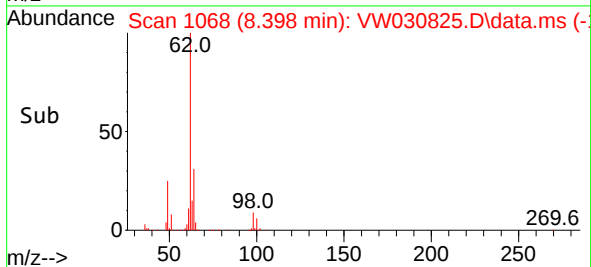
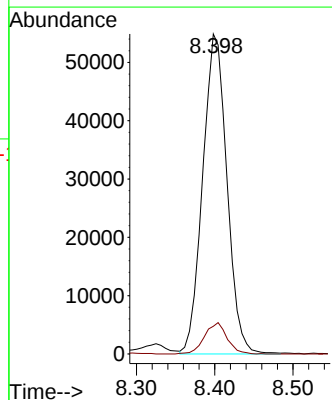
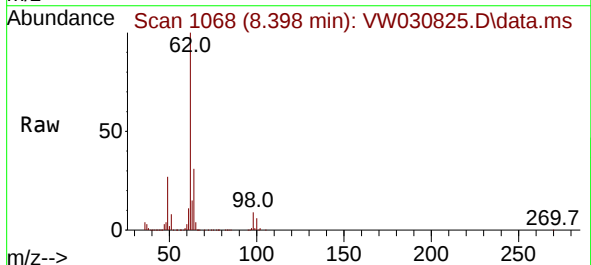
Instrument :
MSVOA_W
ClientSampleId :

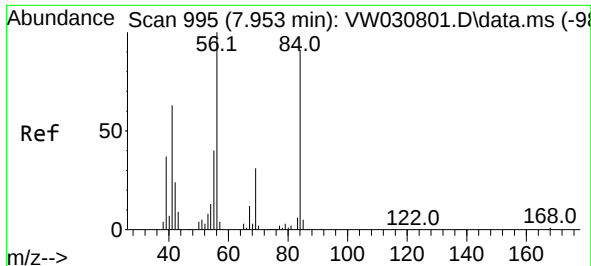
Tgt Ion: 83 Resp: 186787
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.537 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion: 62 Resp: 118110
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 17.488 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

ClientSampleId :

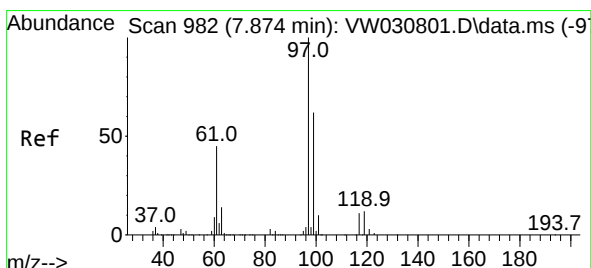
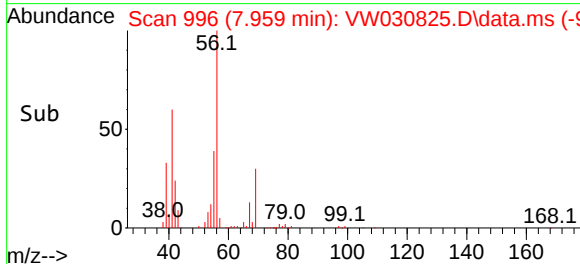
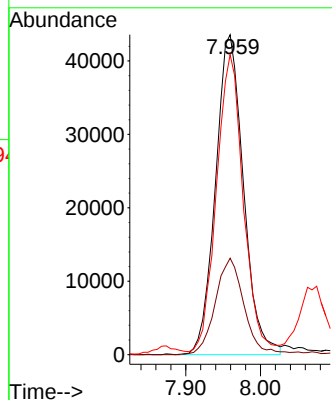
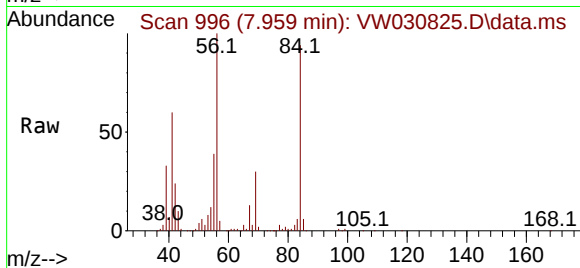
Tgt Ion: 56 Resp: 113531

Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.0

84 89.5 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 20.366 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

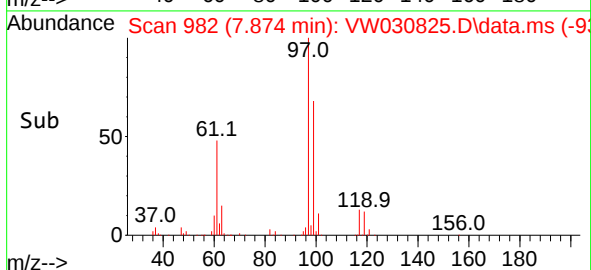
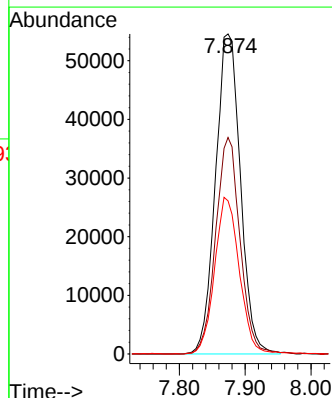
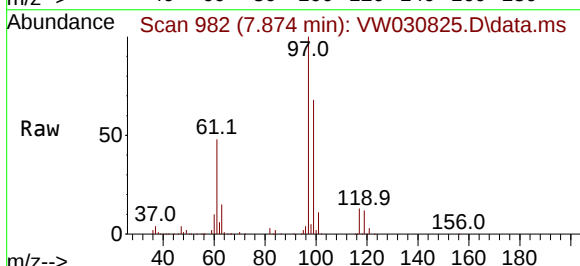
Tgt Ion: 97 Resp: 144184

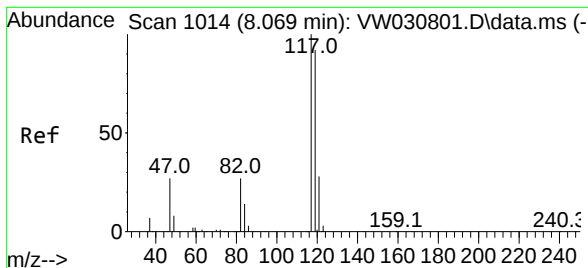
Ion Ratio Lower Upper

97 100

99 65.8 52.3 78.5

61 48.5 38.5 57.7





#31

Carbon tetrachloride

Concen: 19.908 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

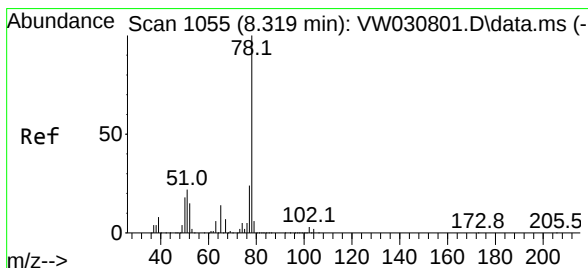
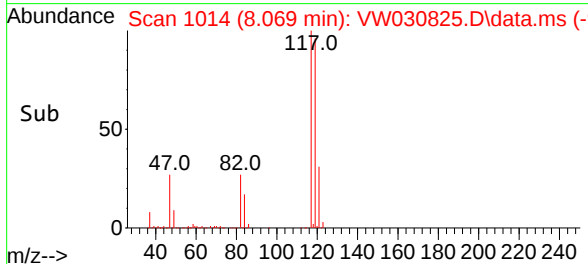
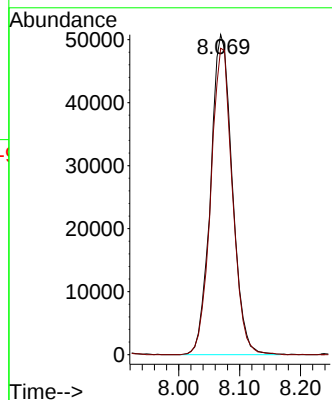
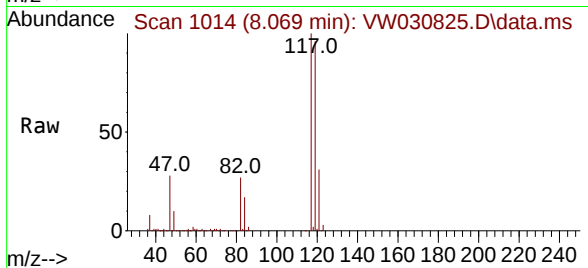
ClientSampleId :

Tgt Ion:117 Resp: 125881

Ion Ratio Lower Upper

117 100

119 95.2 77.8 116.8



#33

Benzene

Concen: 21.170 ug/L

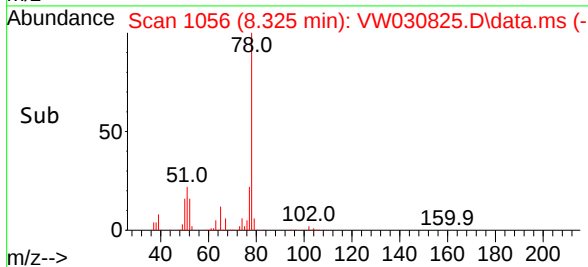
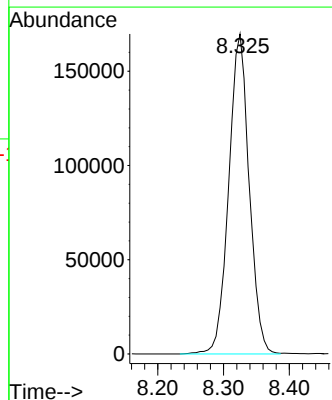
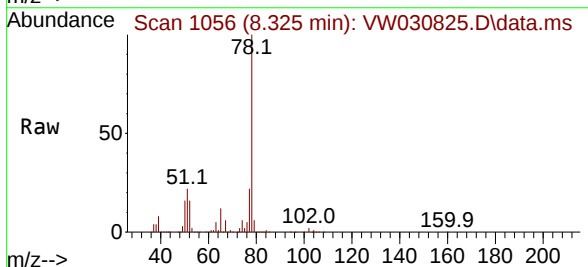
RT: 8.325 min Scan# 1056

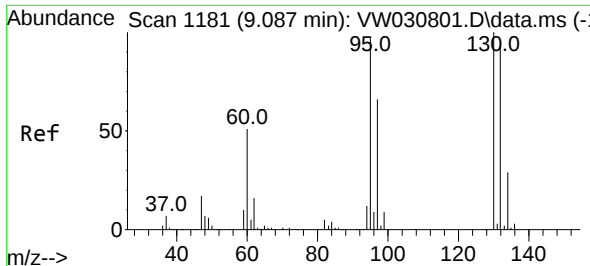
Delta R.T. 0.006 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Tgt Ion: 78 Resp: 367396

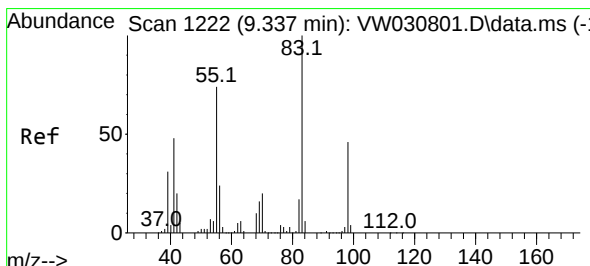
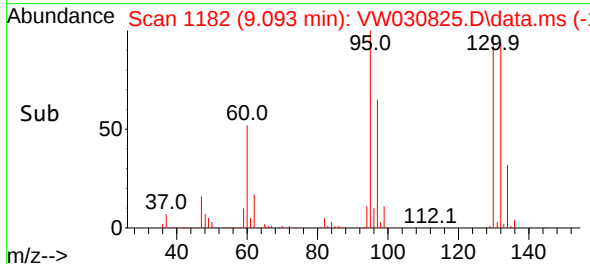
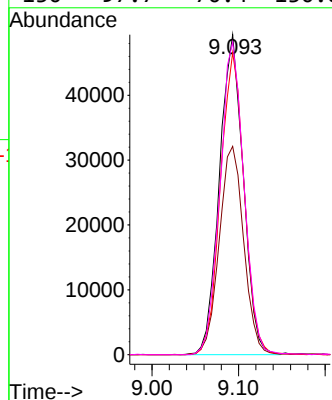
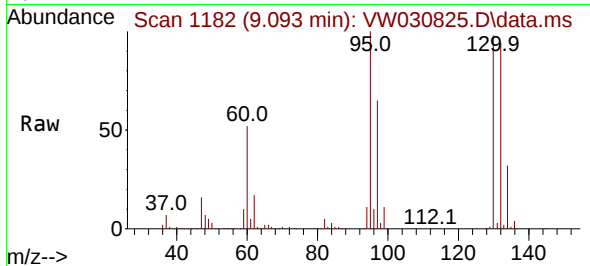




#34
Trichloroethene
Concen: 19.527 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

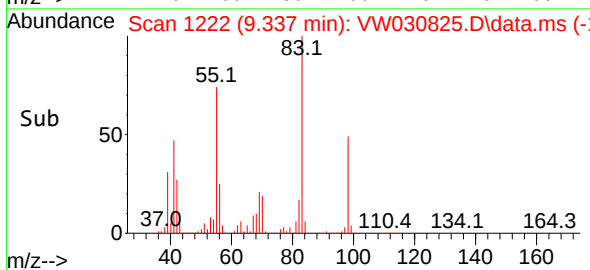
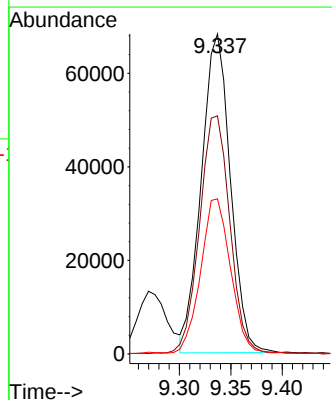
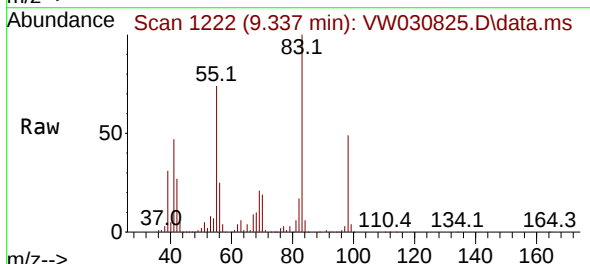
Instrument :
MSVOA_W
ClientSampleId :

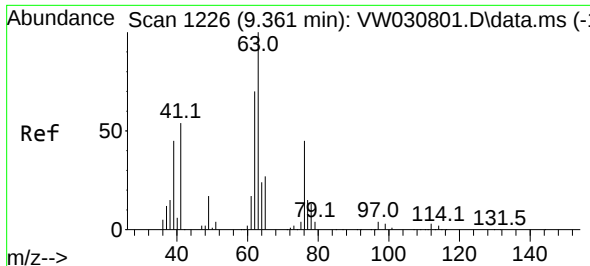
Tgt Ion:	95	Resp:	94279
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	94.4	66.4	123.2
130	97.7	70.4	130.8



#35
Methylcyclohexane
Concen: 17.677 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion:	83	Resp:	134320
Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.8	92.8
98	50.3	39.3	58.9





#37

1,2-Dichloropropane

Concen: 23.105 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

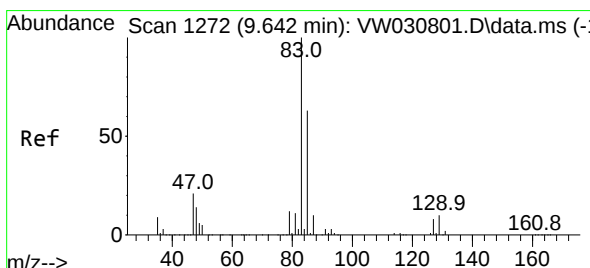
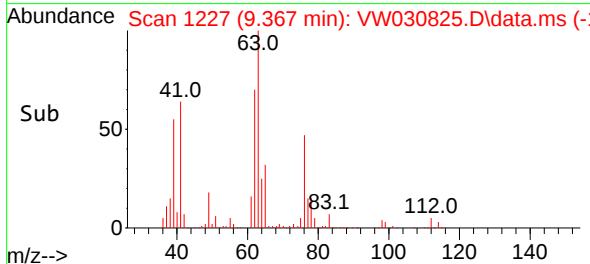
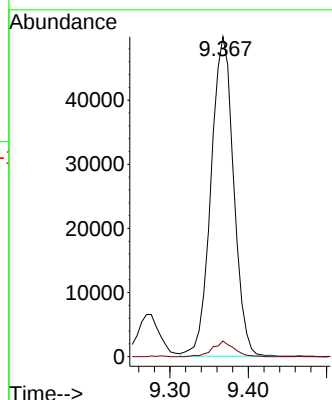
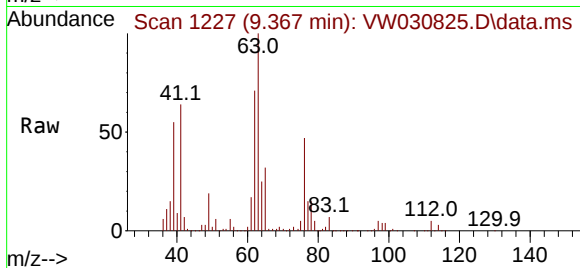
ClientSampleId :

Tgt Ion: 63 Resp: 100149

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 23.021 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

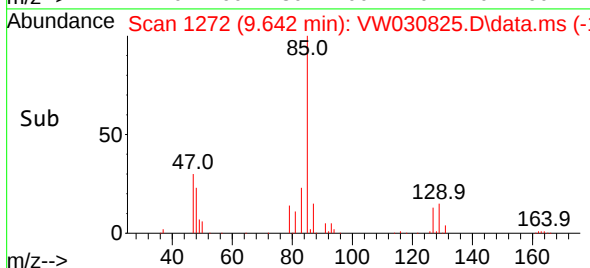
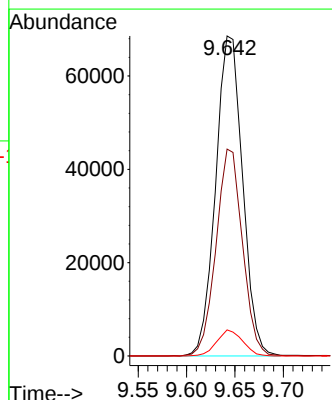
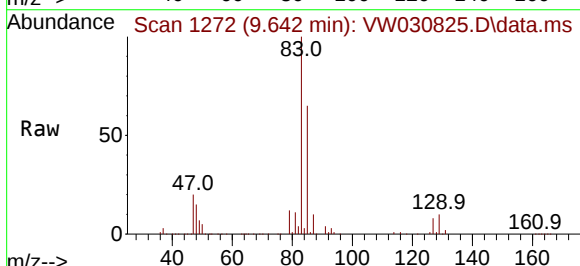
Tgt Ion: 83 Resp: 132760

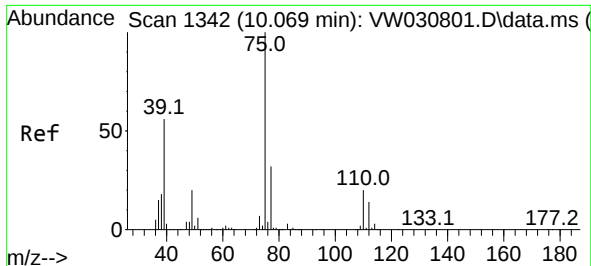
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 8.2 6.2 9.4

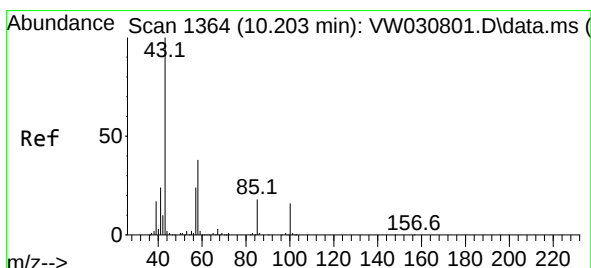
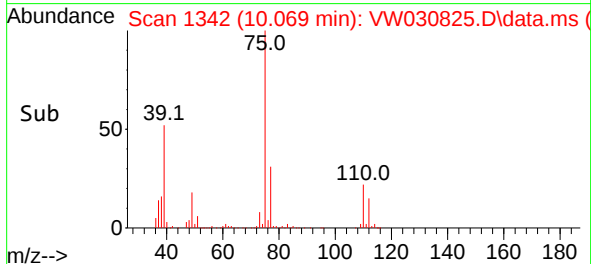
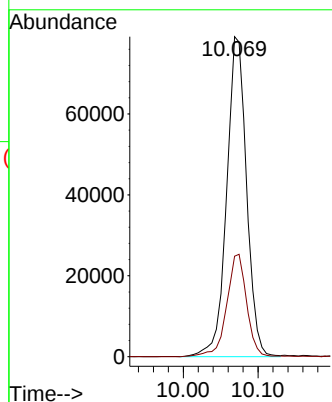
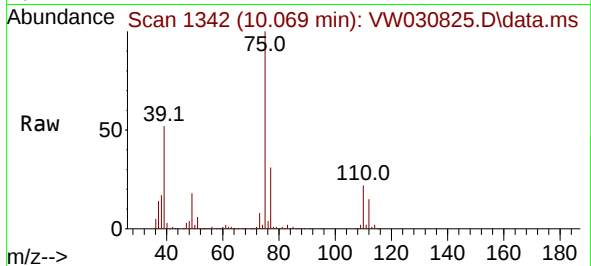




#39
 cis-1,3-Dichloropropene
 Concen: 22.452 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW030825.D
 Acq: 29 Oct 2024 23:40

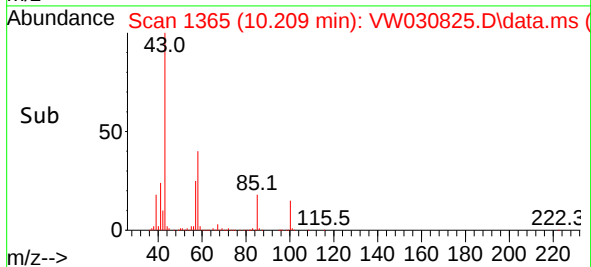
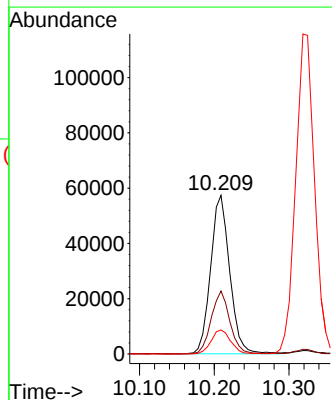
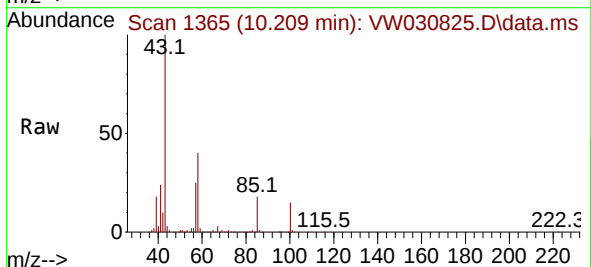
Instrument :
 MSVOA_W
 ClientSampleId :

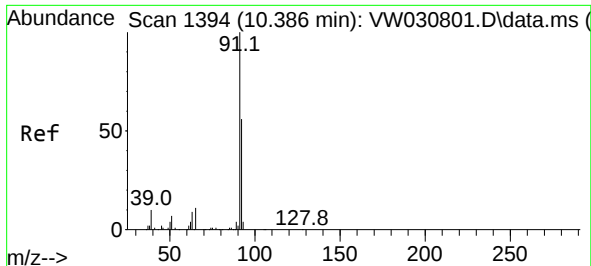
Tgt Ion: 75 Resp: 146793
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 48.897 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW030825.D
 Acq: 29 Oct 2024 23:40

Tgt Ion: 43 Resp: 101819
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.4 47.2
 100 15.7 13.1 19.7

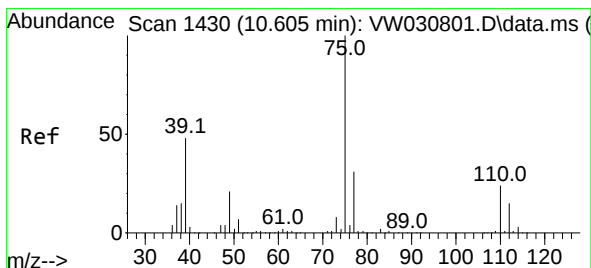
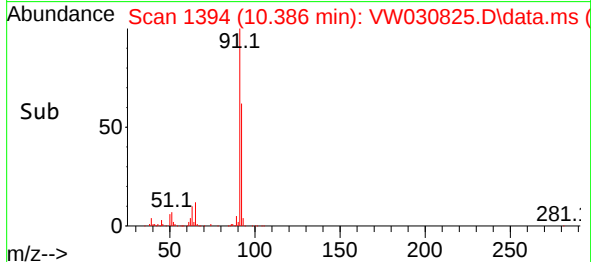
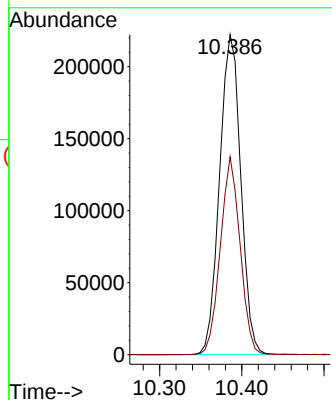
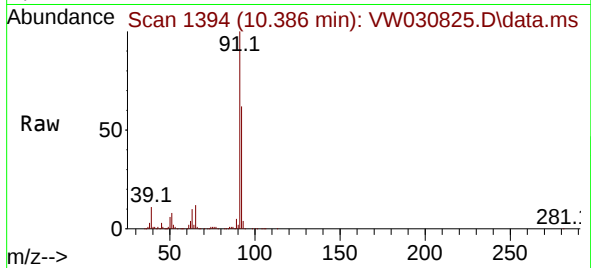




#42
Toluene
Concen: 21.577 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

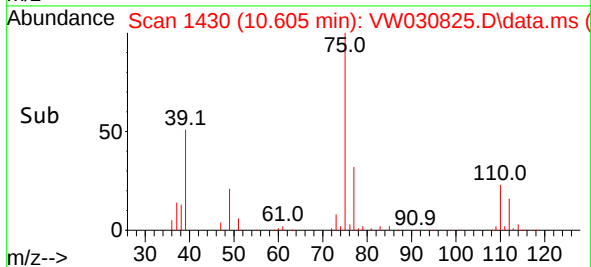
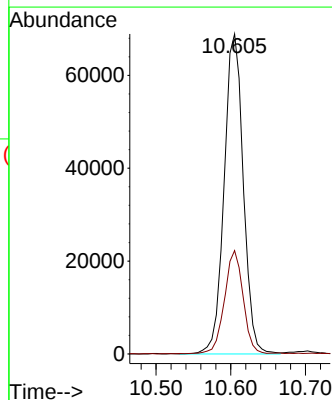
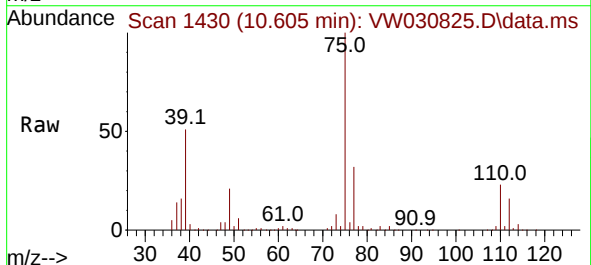
Instrument :
MSVOA_W
ClientSampleId :

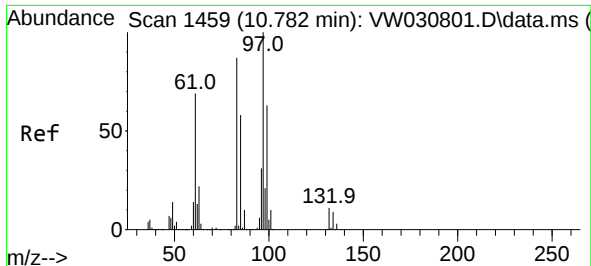
Tgt Ion: 91 Resp: 399490
Ion Ratio Lower Upper
91 100
92 61.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 22.371 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

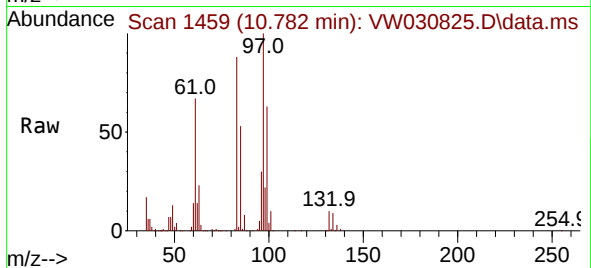
Tgt Ion: 75 Resp: 122907
Ion Ratio Lower Upper
75 100
77 32.3 21.6 40.2



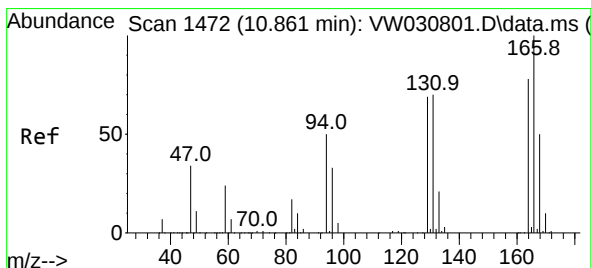
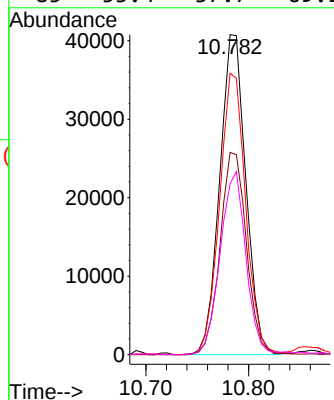
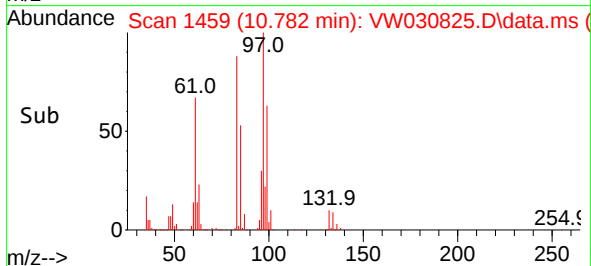


#45
1,1,2-Trichloroethane
Concen: 23.002 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

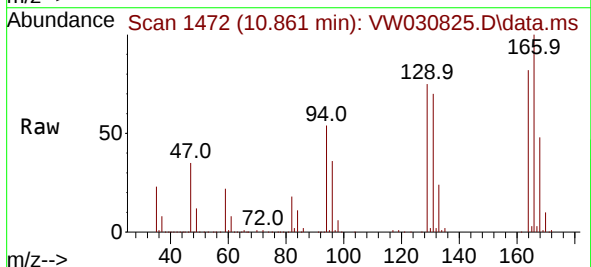
Instrument :
MSVOA_W
ClientSampleId :



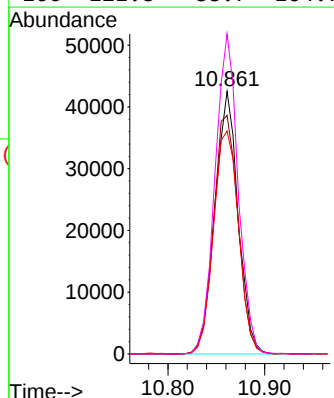
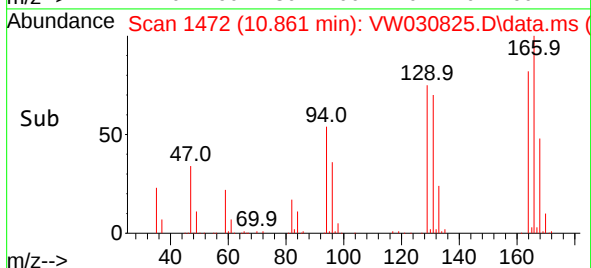
Tgt Ion: 97	Resp: 72058
Ion Ratio	Lower Upper
97 100	
99 63.2	41.2 76.6
83 88.0	59.6 110.6
85 53.4	37.7 69.9

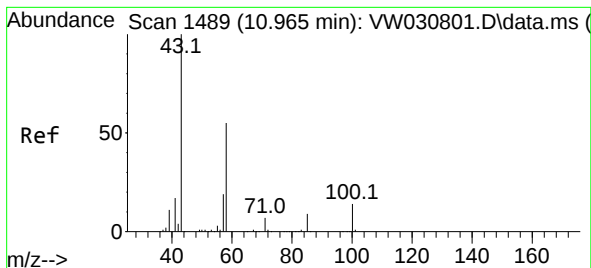


#46
Tetrachloroethene
Concen: 19.863 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40



Tgt	Ion:164	Resp:	70732
Ion	Ratio	Lower	Upper
164	100		
129	90.8	66.6	123.6
131	84.8	63.7	118.3
166	121.8	88.7	164.7





#48

2-Hexanone

Concen: 41.893 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

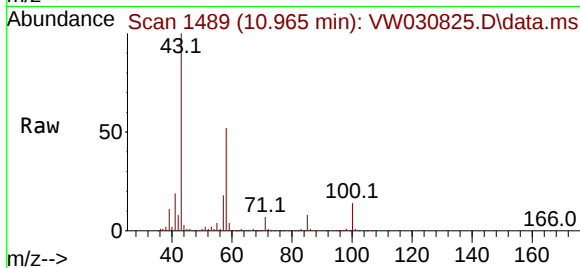
Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 71339

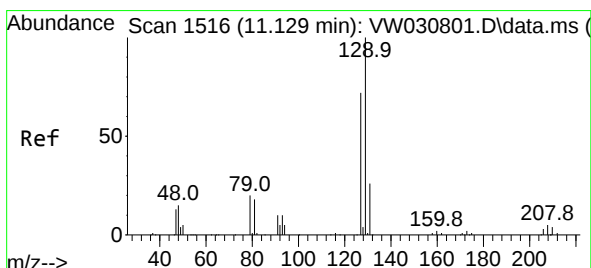
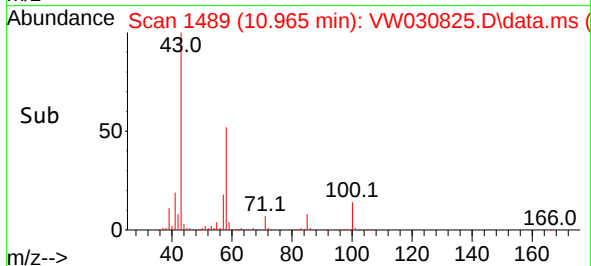
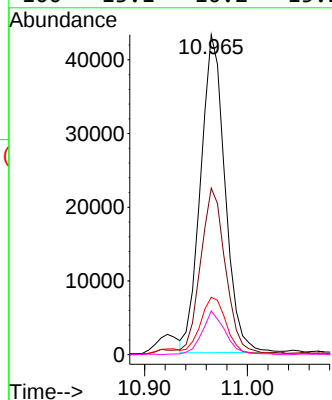
Ion Ratio Lower Upper

43 100

58 54.0 44.6 67.0

57 18.9 15.8 23.8

100 13.1 10.2 15.2



#49

Dibromochloromethane

Concen: 22.918 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030825.D

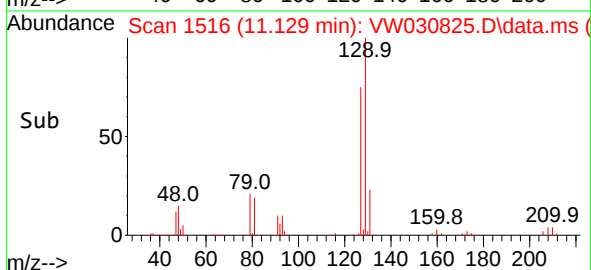
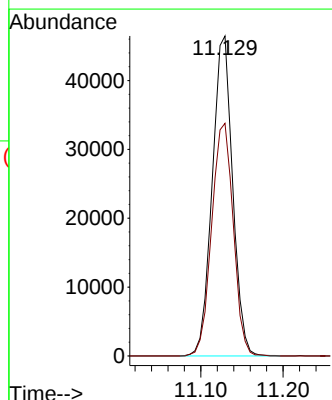
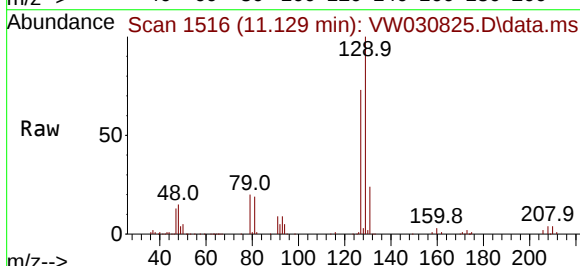
Acq: 29 Oct 2024 23:40

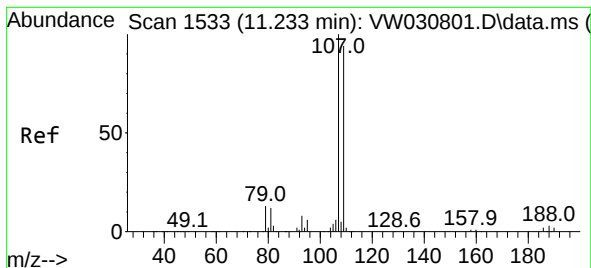
Tgt Ion:129 Resp: 80108

Ion Ratio Lower Upper

129 100

127 72.7 56.5 104.9

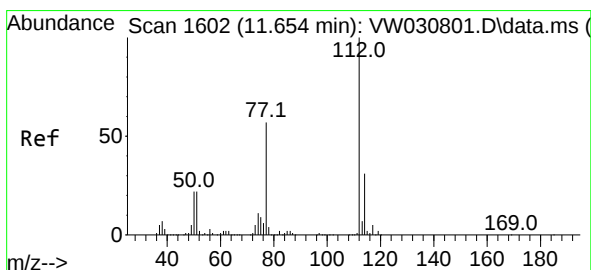
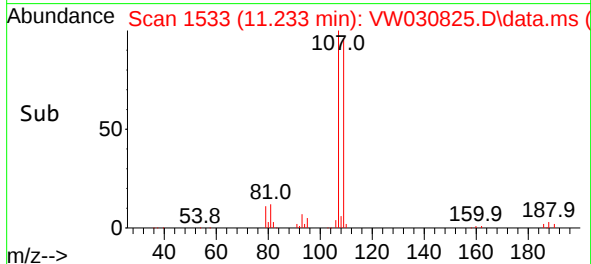
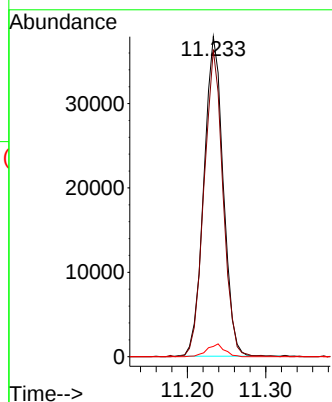
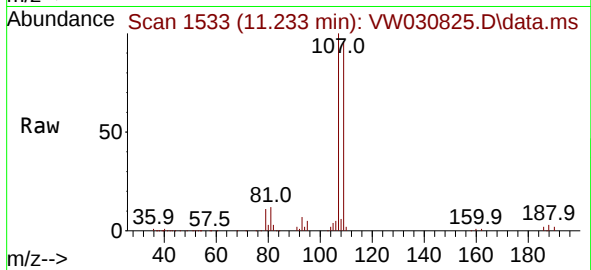




#50
1,2-Dibromoethane
Concen: 22.177 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

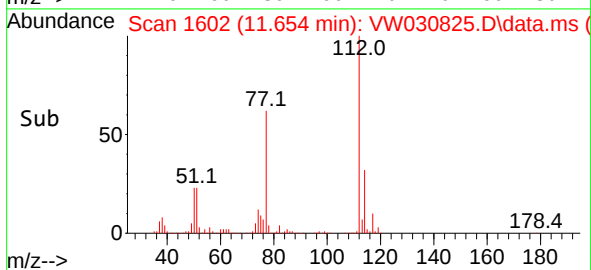
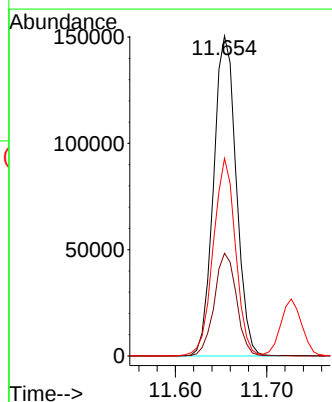
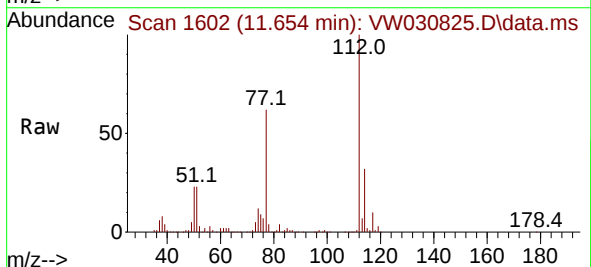
Instrument :
MSVOA_W
ClientSampleId :

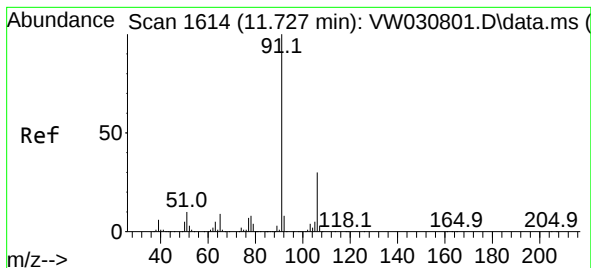
Tgt Ion:107 Resp: 64825
Ion Ratio Lower Upper
107 100
109 96.0 63.8 118.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 21.740 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion:112 Resp: 259118
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 61.8 47.1 70.7

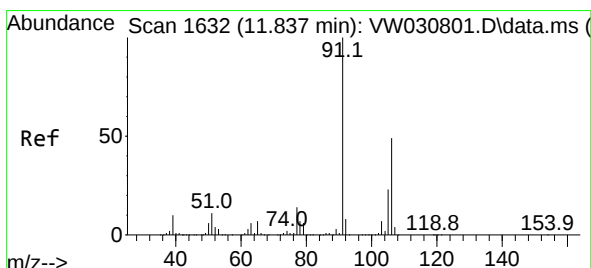
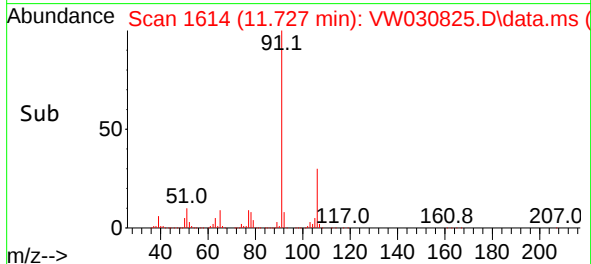
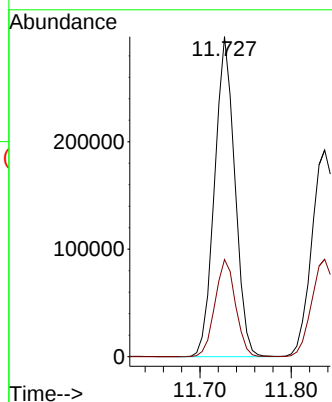
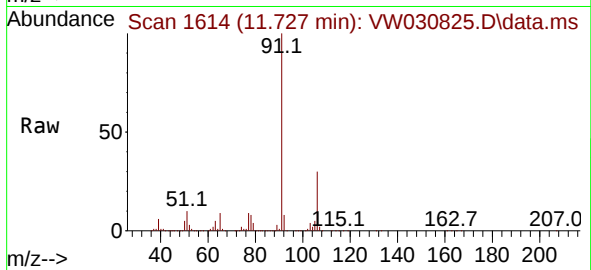




#52
Ethylbenzene
Concen: 21.707 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

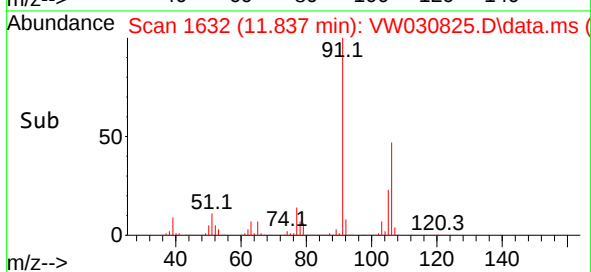
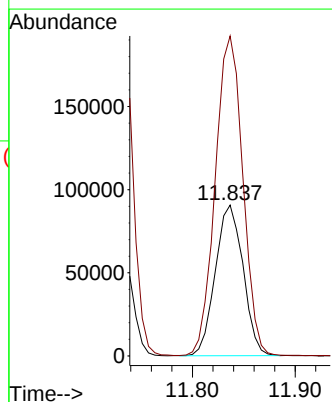
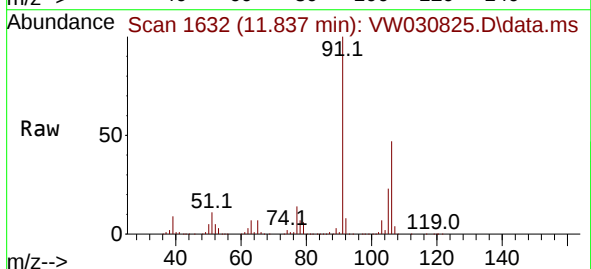
Instrument :
MSVOA_W
ClientSampleId :

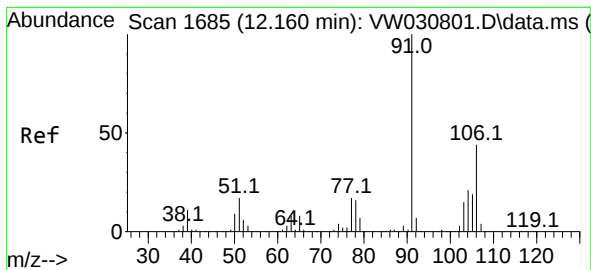
Tgt Ion: 91 Resp: 458598
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1



#53
m,p-Xylene
Concen: 21.453 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion:106 Resp: 169804
Ion Ratio Lower Upper
106 100
91 212.2 140.6 261.2





#54

o-Xylene

Concen: 22.171 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

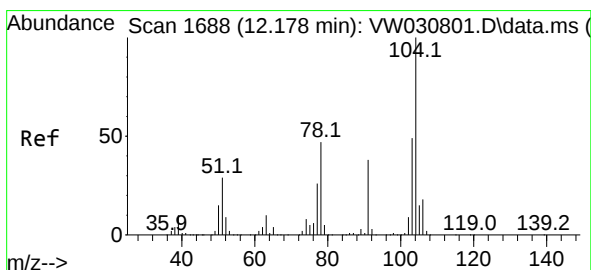
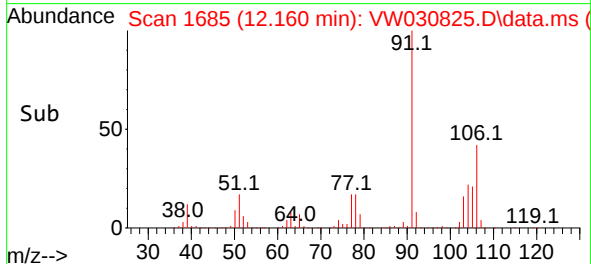
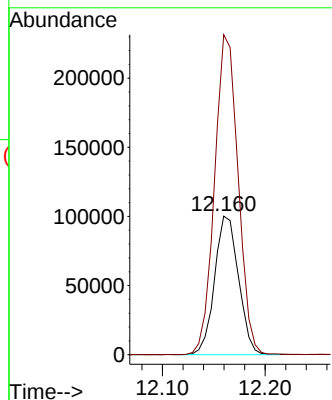
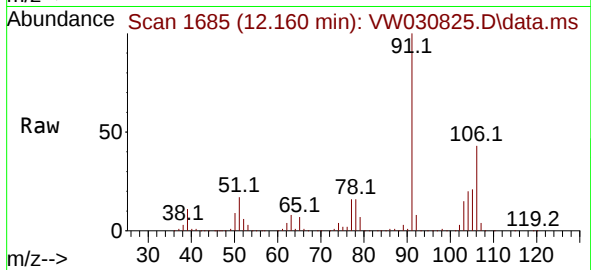
ClientSampleId :

Tgt Ion:106 Resp: 162238

Ion Ratio Lower Upper

106 100

91 231.0 144.5 268.4



#55

Styrene

Concen: 23.577 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030825.D

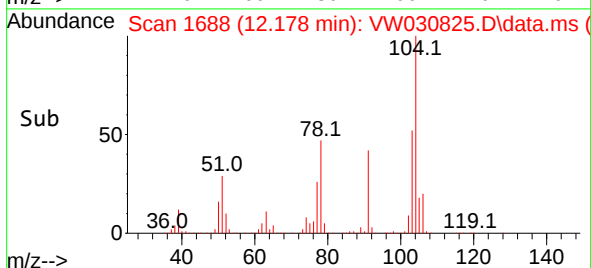
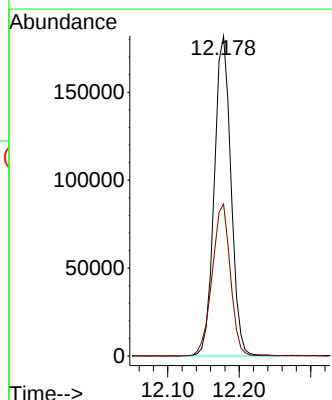
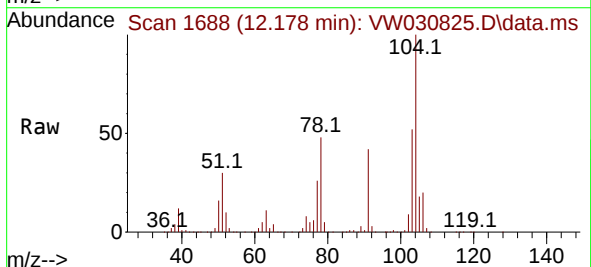
Acq: 29 Oct 2024 23:40

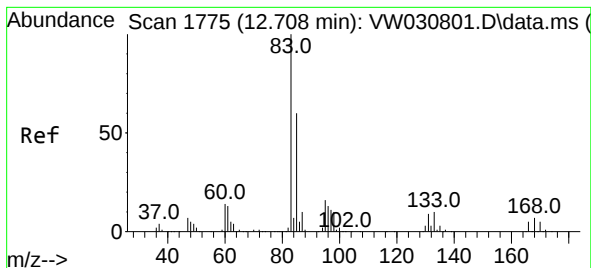
Tgt Ion:104 Resp: 294939

Ion Ratio Lower Upper

104 100

78 47.5 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.383 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

ClientSampleId :

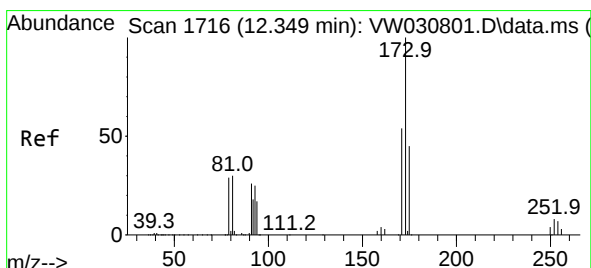
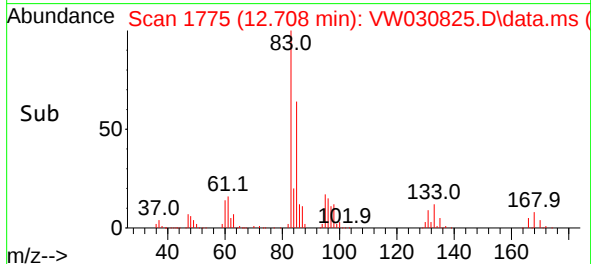
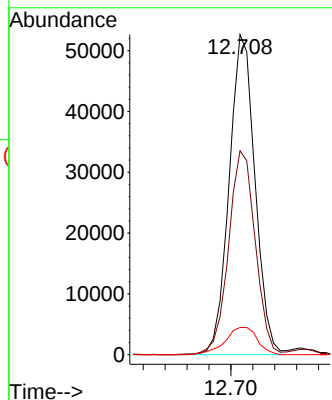
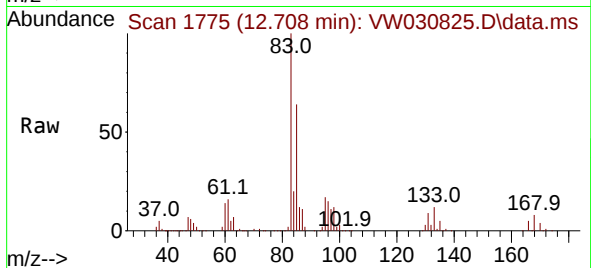
Tgt Ion: 83 Resp: 86136

Ion Ratio Lower Upper

83 100

85 63.7 42.6 79.2

131 8.5 7.4 11.0



#59

Bromoform

Concen: 23.856 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

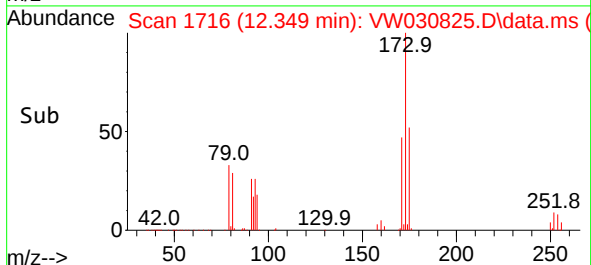
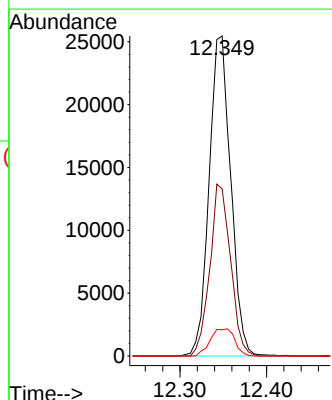
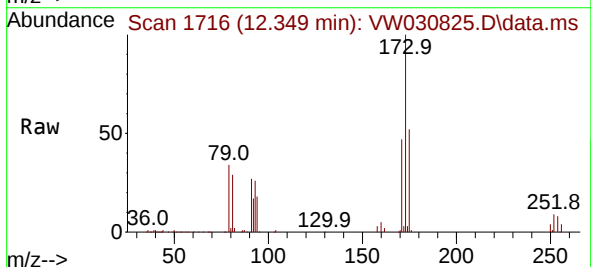
Tgt Ion:173 Resp: 44183

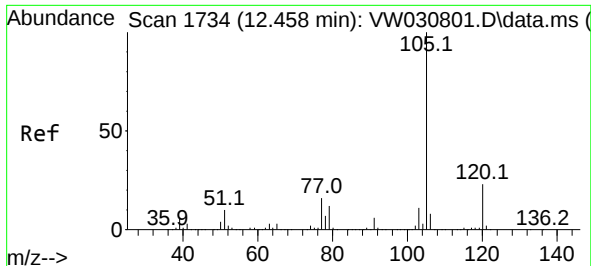
Ion Ratio Lower Upper

173 100

175 51.3 39.0 58.4

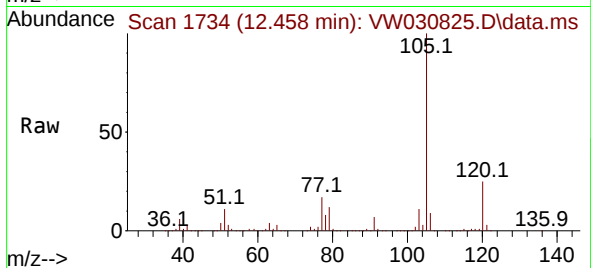
254 9.6 7.7 11.5



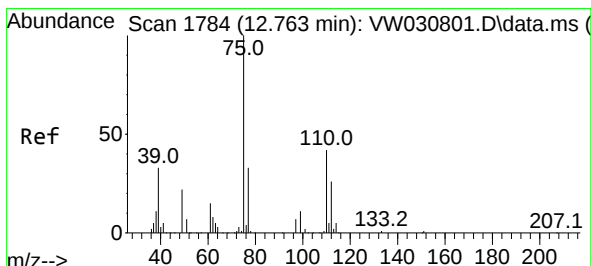
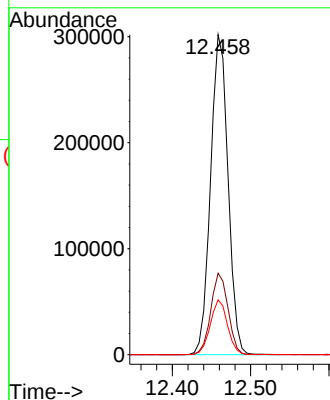
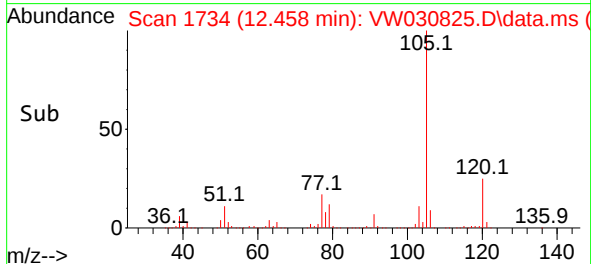


#60
Isopropylbenzene
Concen: 22.878 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

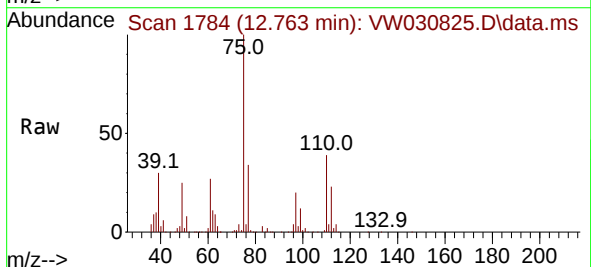
Instrument :
MSVOA_W
ClientSampleId :



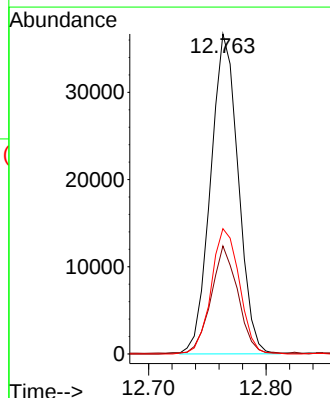
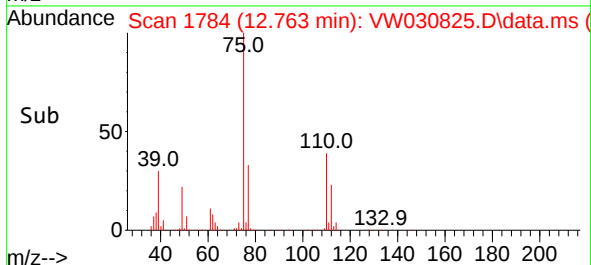
Tgt Ion:105 Resp: 467038
Ion Ratio Lower Upper
105 100
120 25.1 20.6 31.0
77 16.8 13.4 20.0

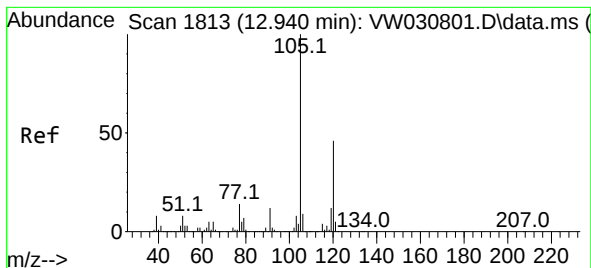


#61
1,2,3-Trichloropropane
Concen: 23.361 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40



Tgt Ion: 75 Resp: 59926
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 40.0 32.3 48.5

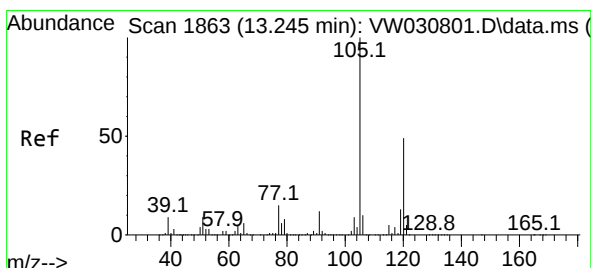
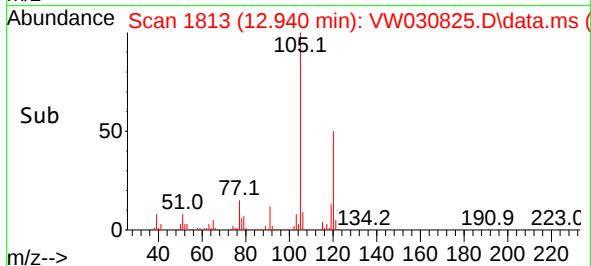
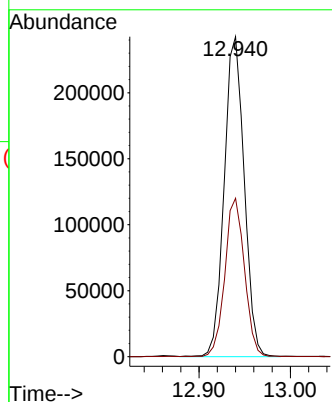
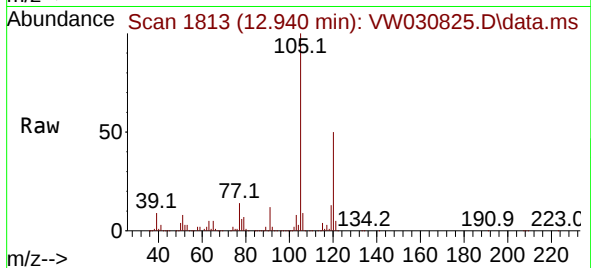




#62
1,3,5-Trimethylbenzene
Concen: 22.874 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

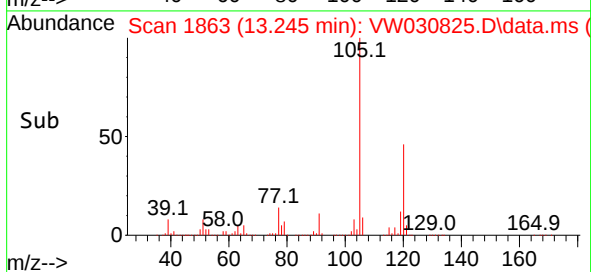
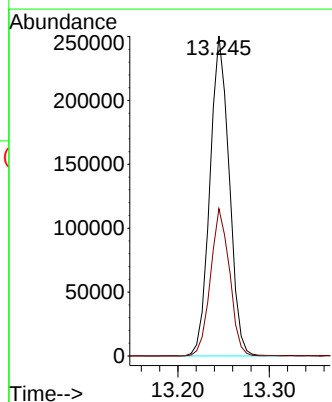
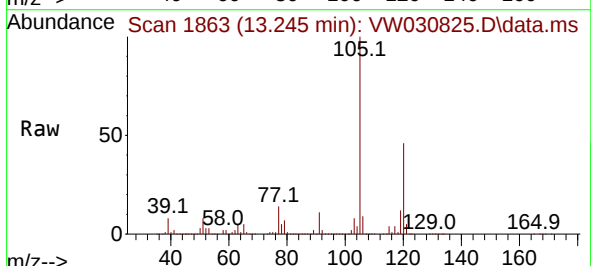
Instrument :
MSVOA_W
ClientSampleId :

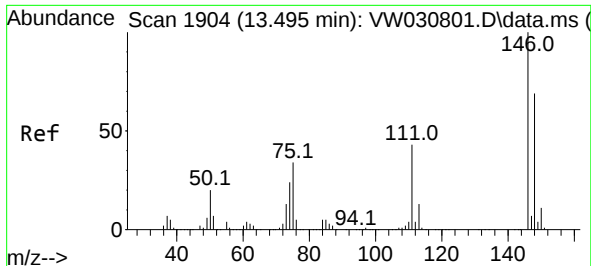
Tgt Ion:105 Resp: 368393
Ion Ratio Lower Upper
105 100
120 48.4 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 23.225 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion:105 Resp: 366240
Ion Ratio Lower Upper
105 100
120 45.4 35.8 53.6

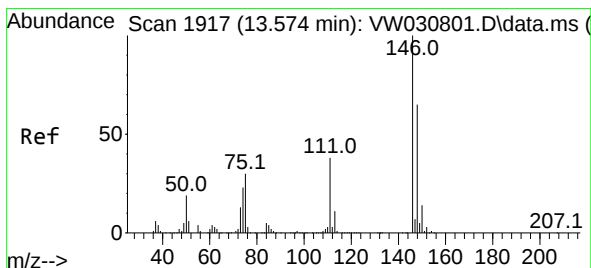
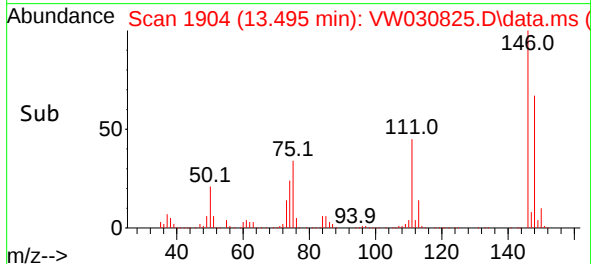
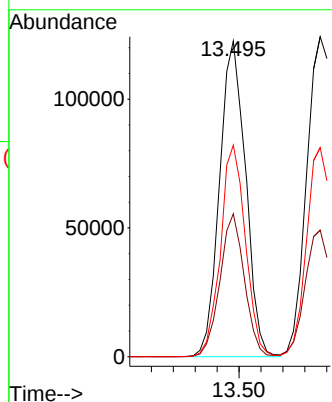
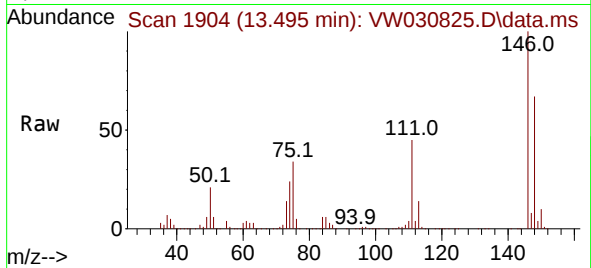




#64
1,3-Dichlorobenzene
Concen: 22.740 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

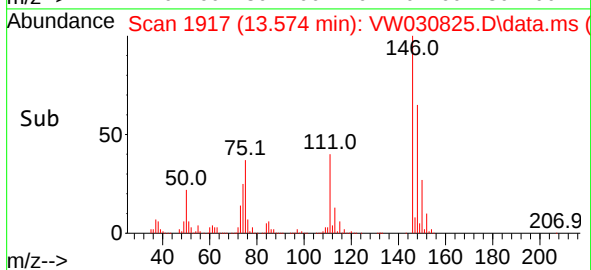
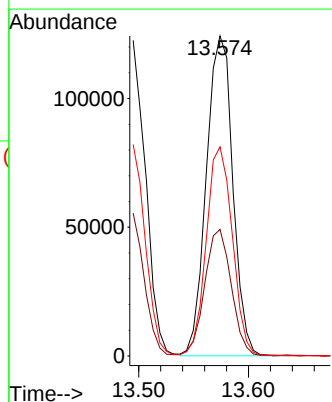
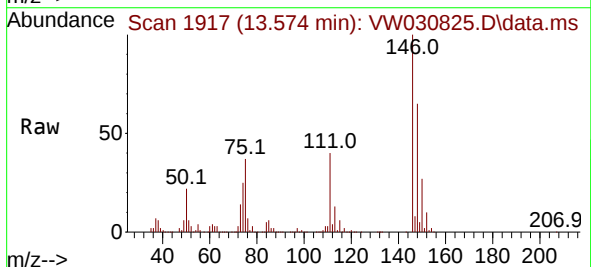
Instrument :
MSVOA_W
ClientSampleId :

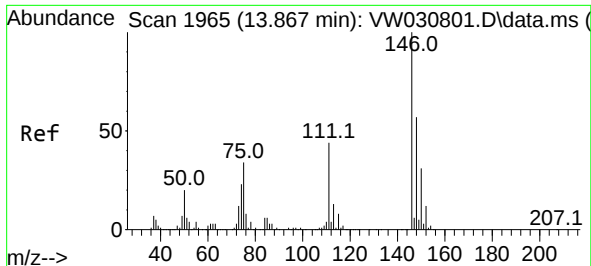
Tgt Ion:146 Resp: 202065
Ion Ratio Lower Upper
146 100
111 45.3 31.2 58.0
148 67.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 22.733 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030825.D
Acq: 29 Oct 2024 23:40

Tgt Ion:146 Resp: 208585
Ion Ratio Lower Upper
146 100
111 39.5 26.8 49.8
148 65.3 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 23.615 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

ClientSampleId :

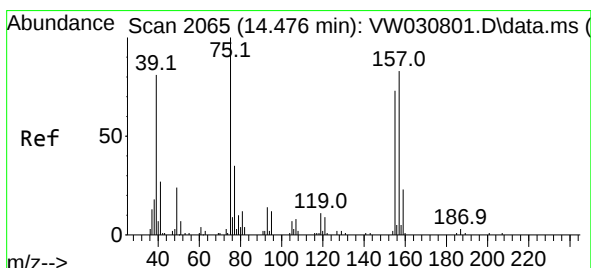
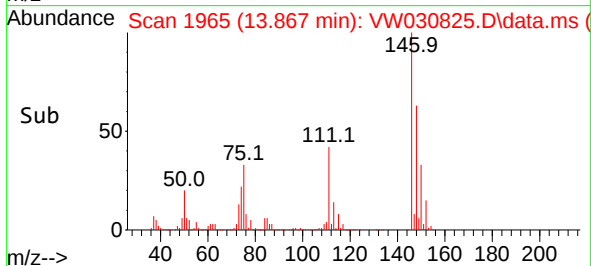
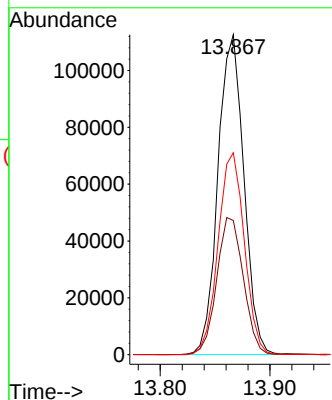
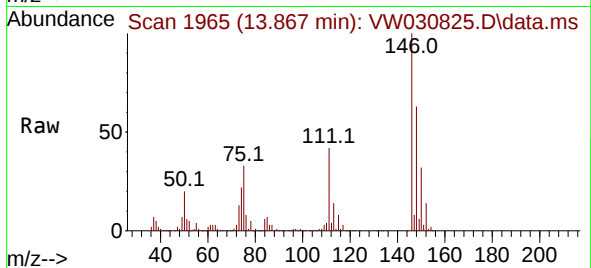
Tgt Ion:146 Resp: 184650

Ion Ratio Lower Upper

146 100

111 42.0 34.6 52.0

148 63.1 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.601 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

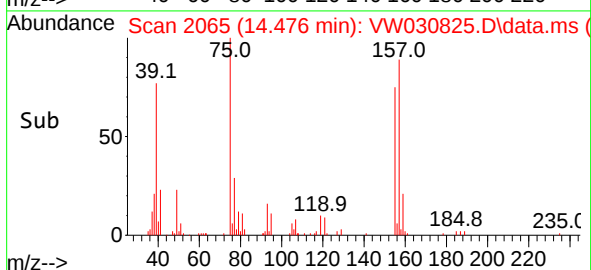
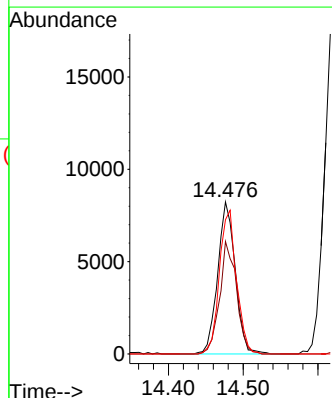
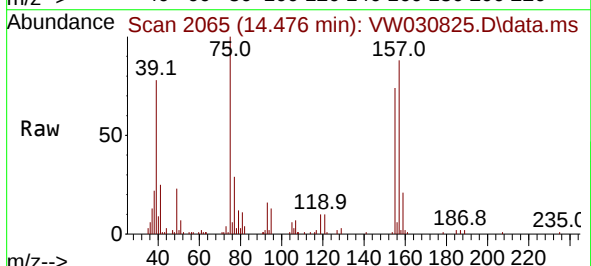
Tgt Ion: 75 Resp: 13499

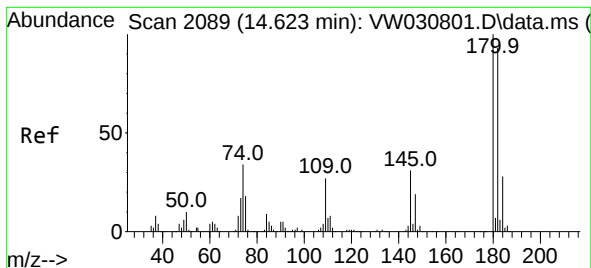
Ion Ratio Lower Upper

75 100

155 74.0 57.9 86.9

157 88.4 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 22.245 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

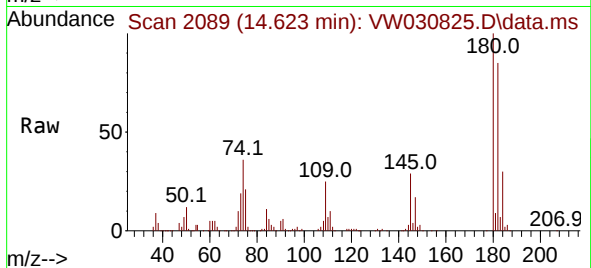
Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 130346

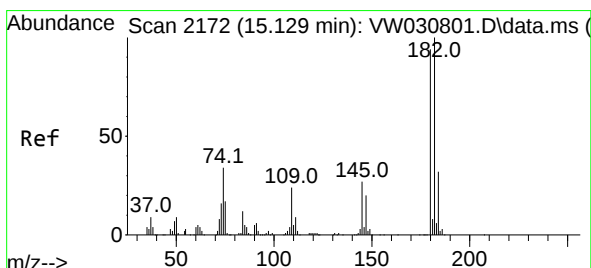
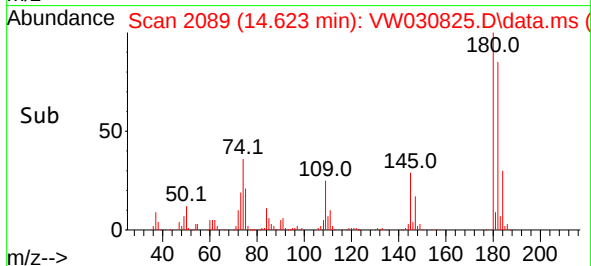
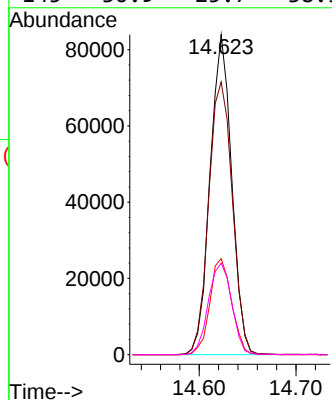
Ion Ratio Lower Upper

180 100

182 93.3 79.9 119.9

184 30.3 25.2 37.8

145 30.9 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.664 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

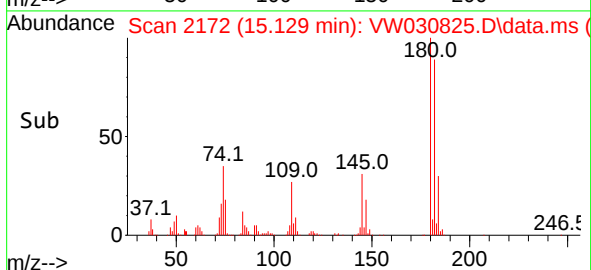
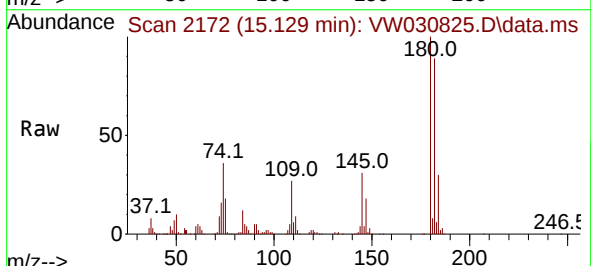
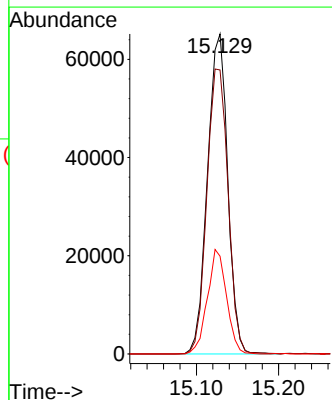
Tgt Ion:180 Resp: 111630

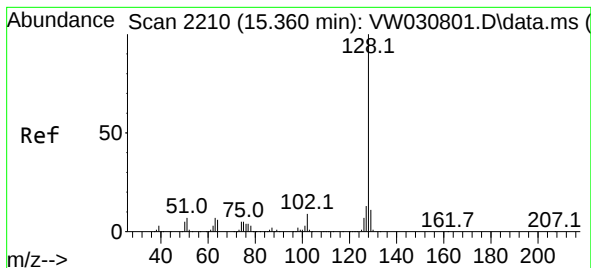
Ion Ratio Lower Upper

180 100

182 92.9 75.2 112.8

145 30.9 25.4 38.2





#71

Naphthalene

Concen: 25.689 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Instrument :

MSVOA_W

ClientSampleId :

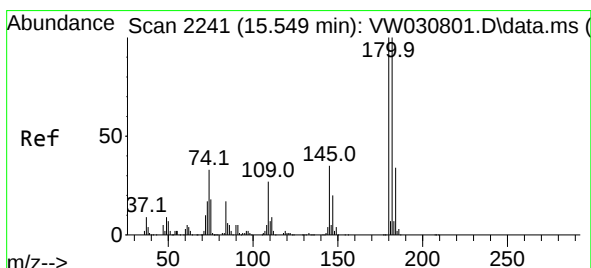
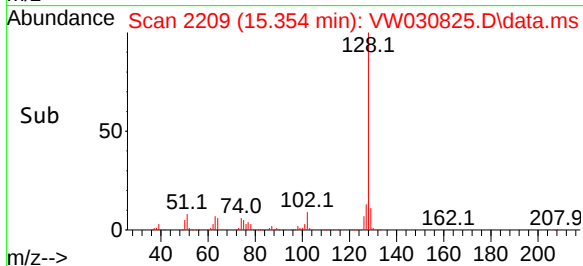
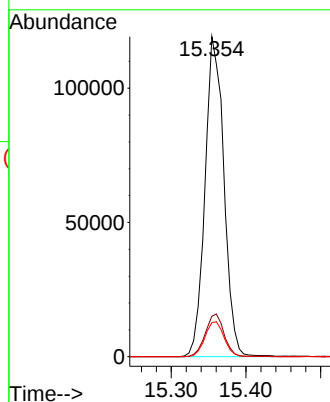
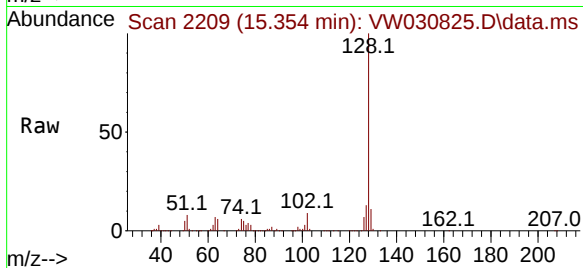
Tgt Ion:128 Resp: 209363

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.937 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030825.D

Acq: 29 Oct 2024 23:40

Tgt Ion:180 Resp: 97890

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

145 35.4 27.4 41.2

