

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103024\
 Data File : VW030827.D
 Acq On : 30 Oct 2024 11:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 00:58:39 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	348951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	99376	18.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
7) Chloroethane-d5	2.899	69	89203	21.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	4.021	65	41391	18.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.560%
21) 2-Butanone-d5	7.075	46	45301	45.893	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.780%
24) Chloroform-d	7.648	84	230626	23.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.300	65	115941	22.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.360%
32) Benzene-d6	8.276	84	401918	22.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	9.270	67	132418	25.475	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.920%
41) Toluene-d8	10.325	98	366770	22.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	10.574	79	51826	23.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.240%
47) 2-Hexanone-d5	10.922	63	46098	68.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.720%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95567	25.035	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	125853	23.517	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104379	23.412	ug/L	99
3) Chloromethane	2.222	50	127194	24.547	ug/L	95
5) Vinyl chloride	2.375	62	155027	24.328	ug/L	99
6) Bromomethane	2.789	94	106557	25.406	ug/L	96
8) Chloroethane	2.936	64	96758	24.839	ug/L	98
9) Trichlorofluoromethane	3.271	101	127787	22.412	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	110586	21.557	ug/L #	70
12) 1,1-Dichloroethene	4.039	96	106567	22.762	ug/L	96
13) Acetone	4.112	43	87980	60.881	ug/L	97
14) Carbon disulfide	4.387	76	365026	23.876	ug/L	99
15) Methyl Acetate	4.667	43	39946	22.377	ug/L	99
16) Methylene chloride	4.917	84	115686	21.929	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	118370	23.431	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	167734	23.724	ug/L	99
19) 1,1-Dichloroethane	6.216	63	218521	23.274	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	141904	26.335	ug/L	95
22) 2-Butanone	7.167	43	98879	63.476	ug/L	99
23) Bromochloromethane	7.514	128	57898	24.562	ug/L #	93
25) Chloroform	7.673	83	241168	24.036	ug/L	100

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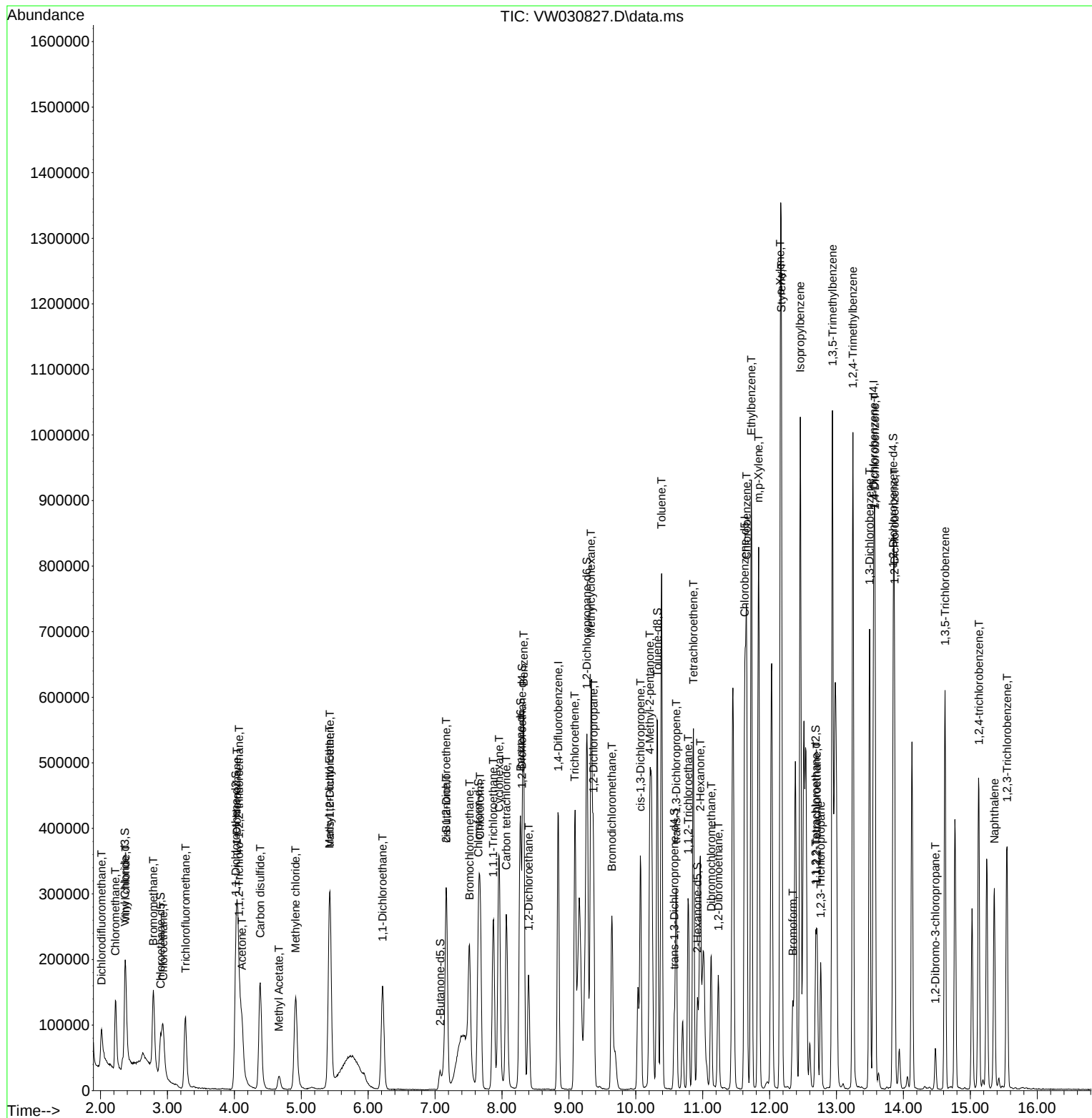
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153823	23.238	ug/L	99
29) Cyclohexane	7.959	56	201669	27.152	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	207460	25.613	ug/L	100
31) Carbon tetrachloride	8.063	117	182827	25.272	ug/L	99
33) Benzene	8.325	78	506736	25.520	ug/L	100
34) Trichloroethene	9.087	95	140609	25.454	ug/L	91
35) Methylcyclohexane	9.331	83	250981	28.869	ug/L	99
37) 1,2-Dichloropropane	9.367	63	131816	26.580	ug/L	99
38) Bromodichloromethane	9.642	83	172054	26.077	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	198061	26.478	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	131545	55.215	ug/L	97
42) Toluene	10.386	91	558158	26.349	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	161593	25.708	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	90665	25.296	ug/L	97
46) Tetrachloroethene	10.861	164	115033	28.234	ug/L	97
48) 2-Hexanone	10.965	43	135075	69.330	ug/L #	95
49) Dibromochloromethane	11.129	129	102630	25.663	ug/L	96
50) 1,2-Dibromoethane	11.233	107	85582	25.590	ug/L #	93
51) Chlorobenzene	11.654	112	358663	26.302	ug/L	98
52) Ethylbenzene	11.727	91	649689	26.878	ug/L	99
53) m,p-Xylene	11.836	106	255550	28.220	ug/L	98
54) o-Xylene	12.160	106	238697	28.511	ug/L	87
55) Styrene	12.178	104	397952	27.805	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	99244	24.554	ug/L	94
59) Bromoform	12.349	173	54638	24.588	ug/L	99
60) Isopropylbenzene	12.458	105	640209	26.138	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	75810	24.632	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	512969	26.546	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	519449	27.455	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	267789	25.117	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	283024	25.709	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	226379	24.130	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15294	22.286	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	168802	24.010	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	140677	24.855	ug/L	99
71) Naphthalene	15.360	128	253858	25.961	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	117819	24.012	ug/L	99

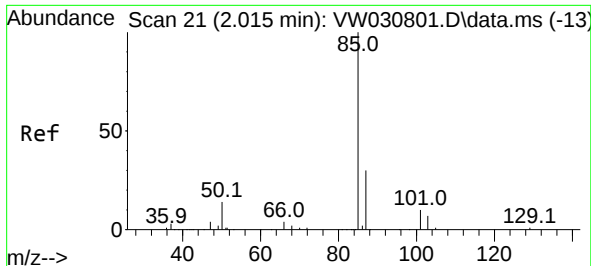
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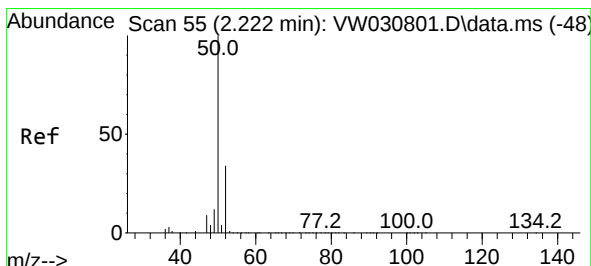
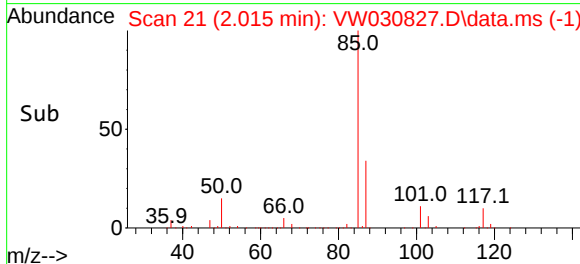
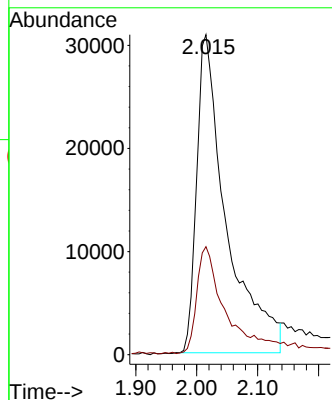
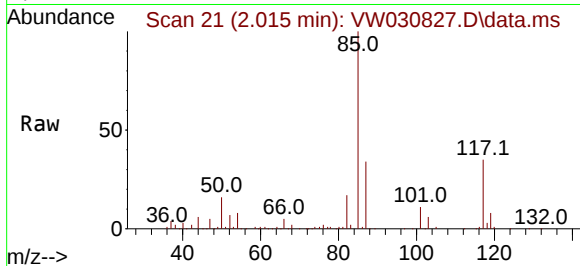




#2
 Dichlorodifluoromethane
 Concen: 23.412 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

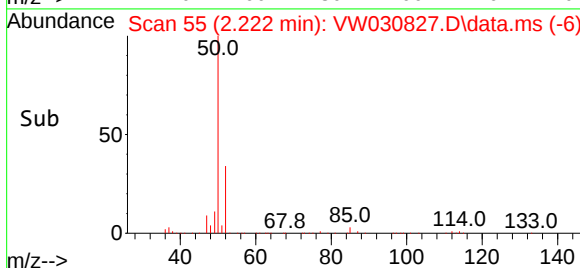
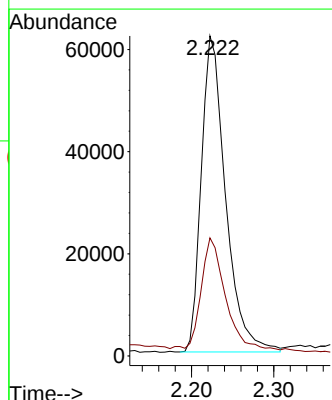
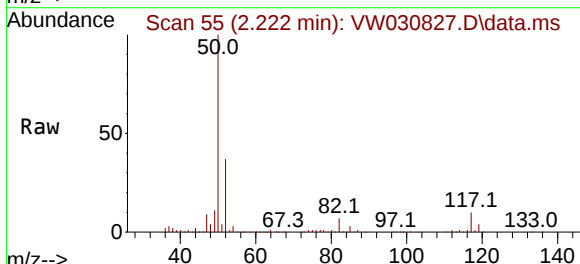
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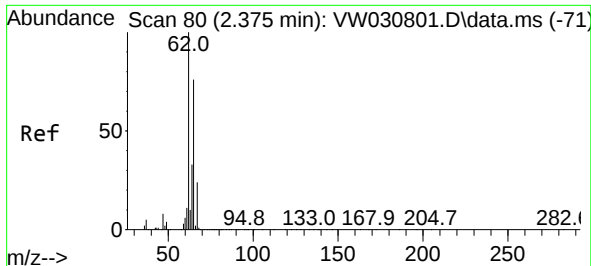
Tgt Ion: 85 Resp: 104379
 Ion Ratio Lower Upper
 85 100
 87 29.0 23.8 35.6



#3
 Chloromethane
 Concen: 24.547 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

Tgt Ion: 50 Resp: 127194
 Ion Ratio Lower Upper
 50 100
 52 36.9 23.7 43.9

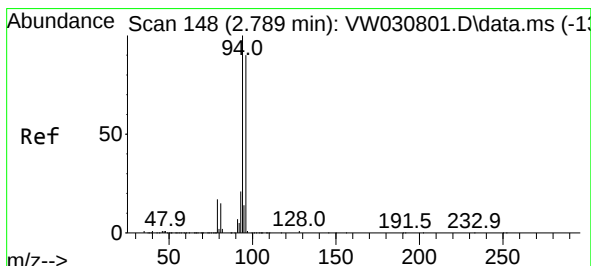
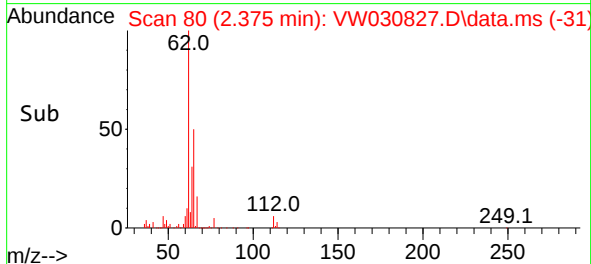
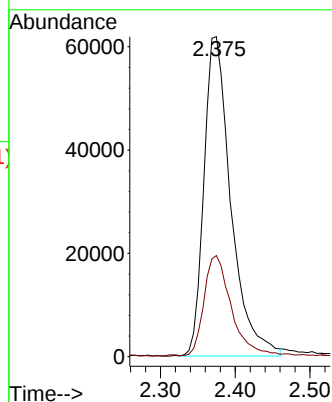
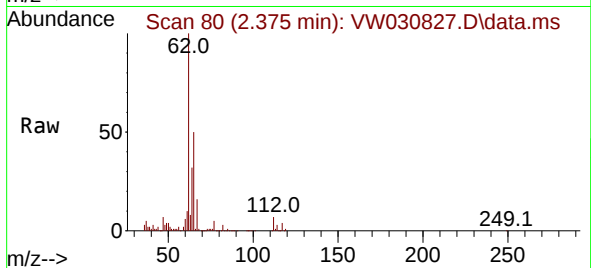




#5
 Vinyl chloride
 Concen: 24.328 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

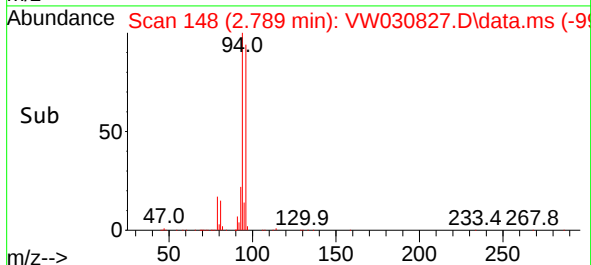
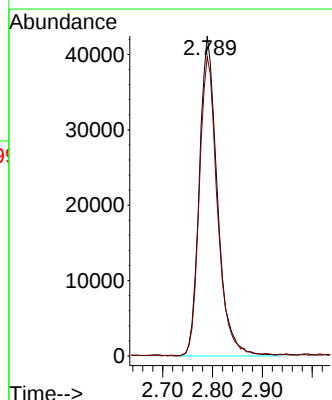
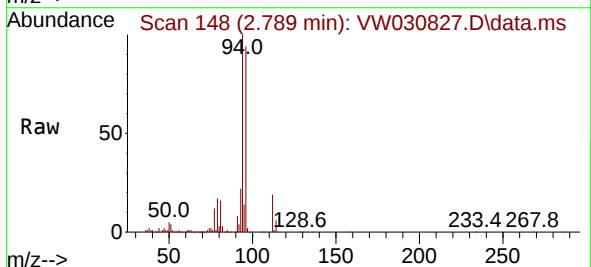
Instrument :
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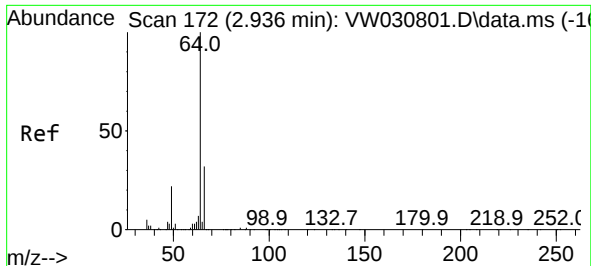
Tgt Ion: 62 Resp: 155027
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.6 42.0



#6
 Bromomethane
 Concen: 25.406 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

Tgt Ion: 94 Resp: 106557
 Ion Ratio Lower Upper
 94 100
 96 93.6 62.6 116.2

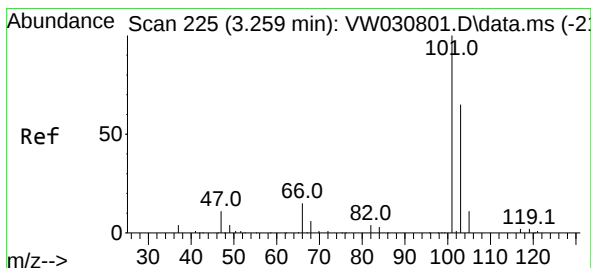
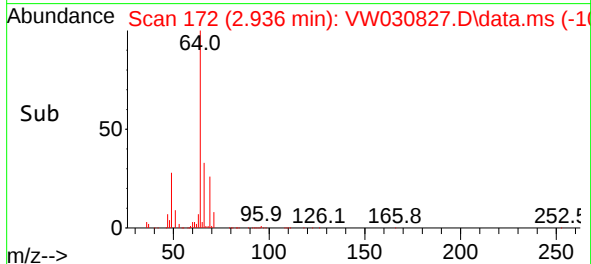
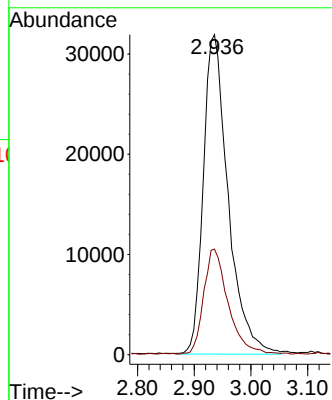
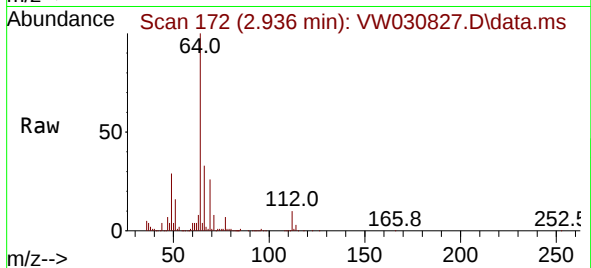




#8
Chloroethane
Concen: 24.839 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

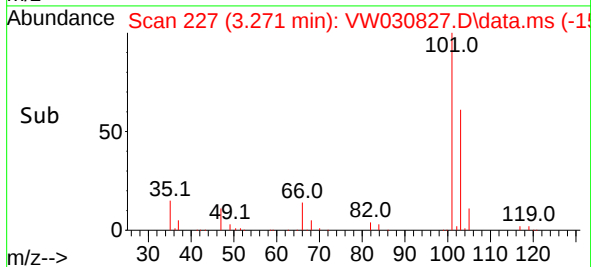
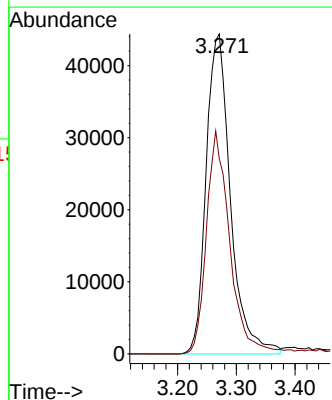
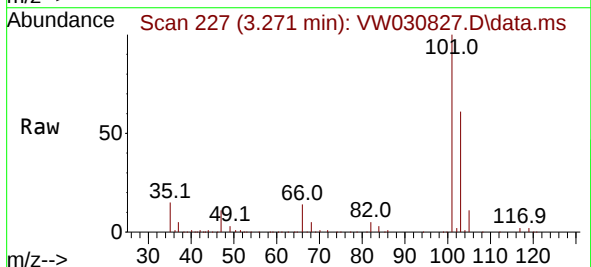
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MSVOA_W
ClientSampleId :

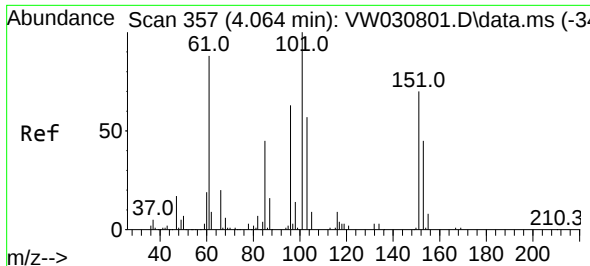
Tgt Ion: 64 Resp: 96758
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.412 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Tgt Ion:101 Resp: 127787
Ion Ratio Lower Upper
101 100
103 66.4 51.1 76.7

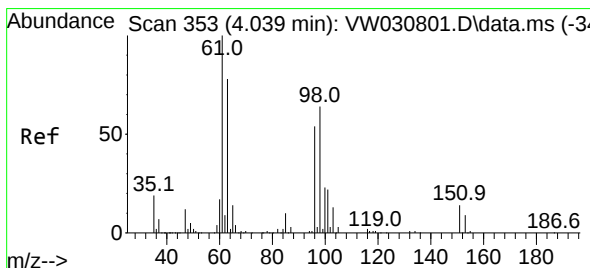
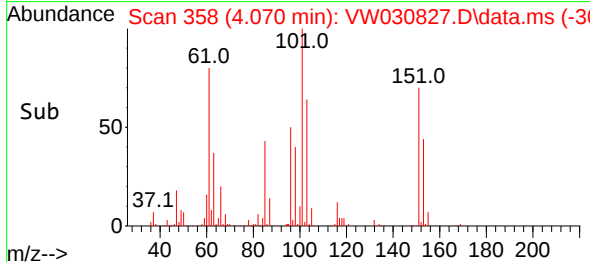
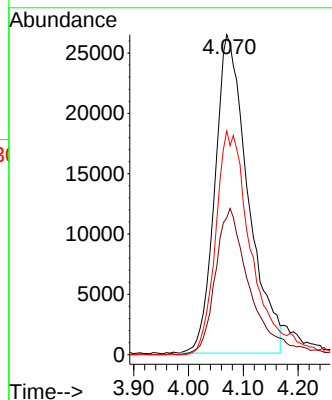
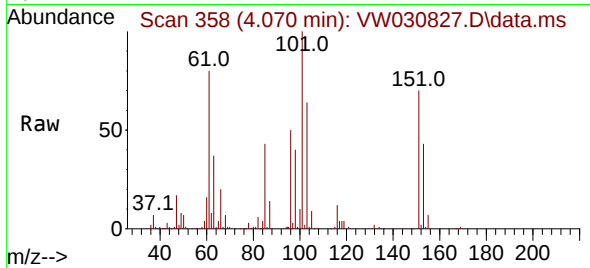




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.557 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

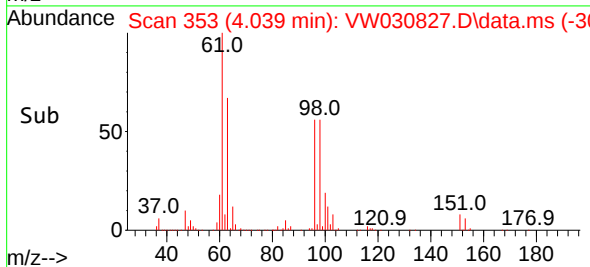
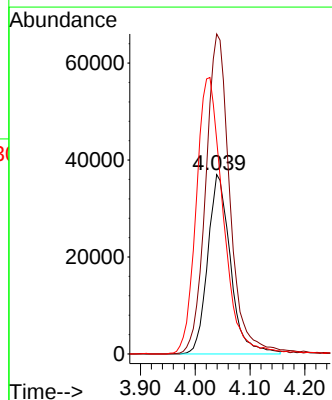
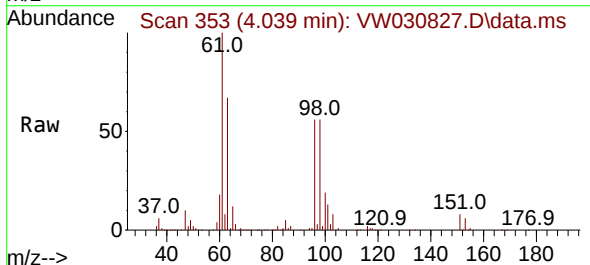
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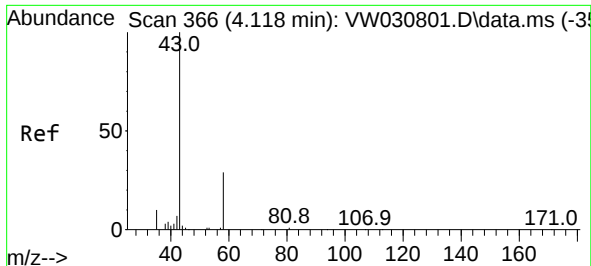
Tgt Ion:101 Resp: 110586
 Ion Ratio Lower Upper
 101 100
 85 47.9 35.7 53.5
 151 32.6 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 22.762 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

Tgt Ion: 96 Resp: 106567
 Ion Ratio Lower Upper
 96 100
 61 178.5 121.3 225.3
 63 119.4 87.6 162.8

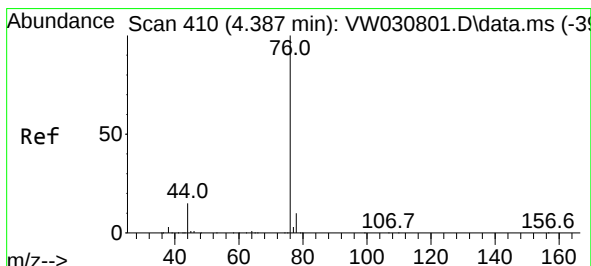
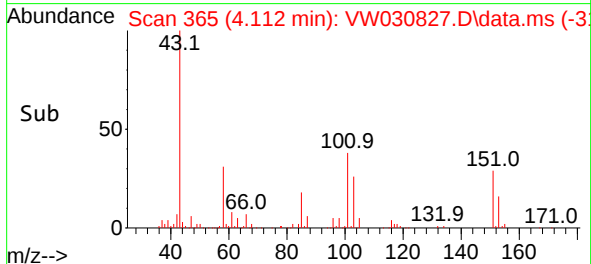
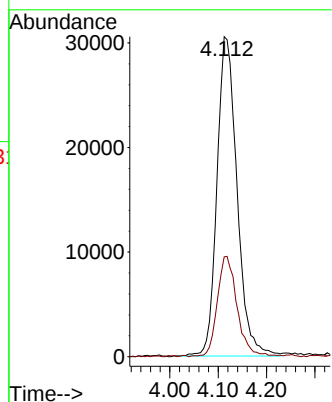
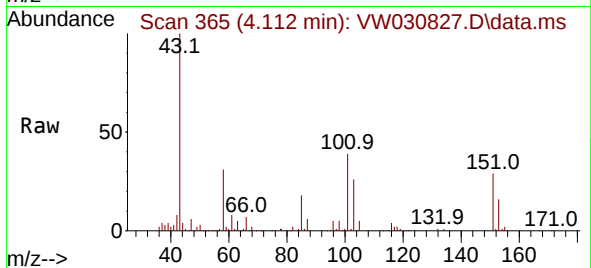




#13
Acetone
Concen: 60.881 ug/L
RT: 4.112 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

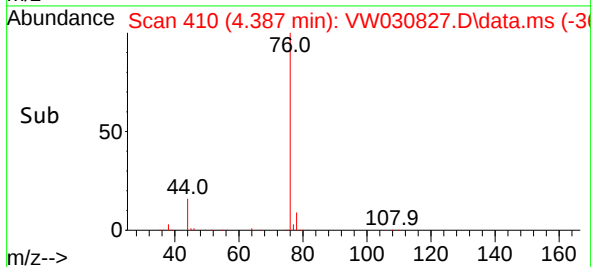
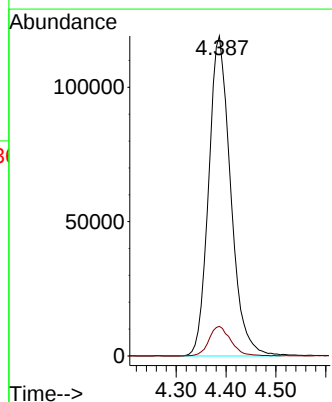
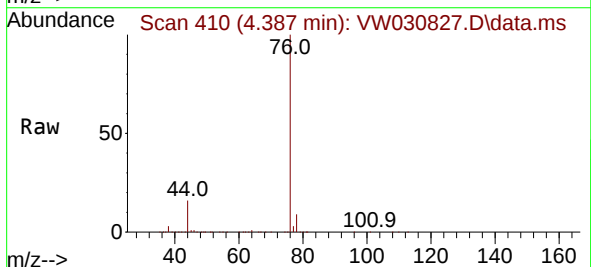
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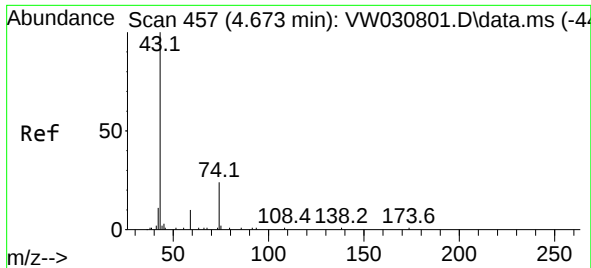
Tgt Ion: 43 Resp: 87980
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.6



#14
Carbon disulfide
Concen: 23.876 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 365026
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

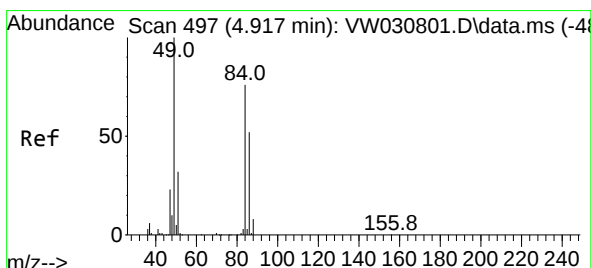
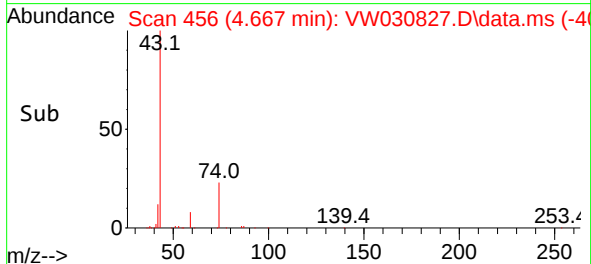
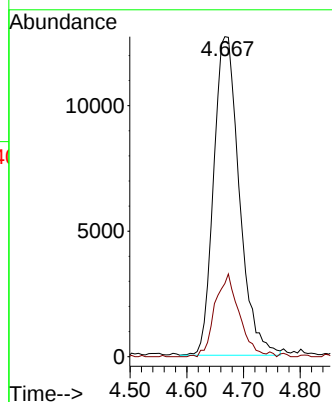
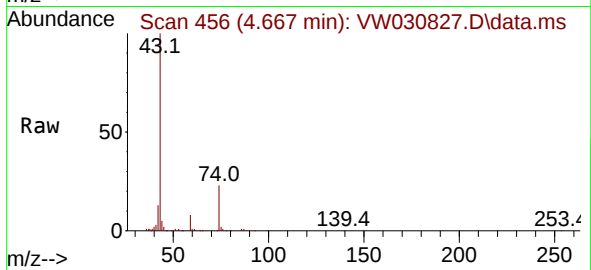




#15
Methyl Acetate
Concen: 22.377 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

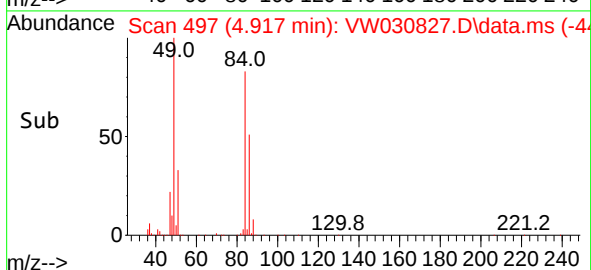
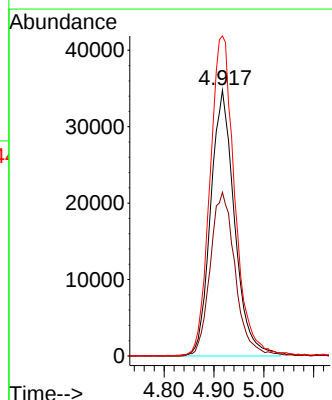
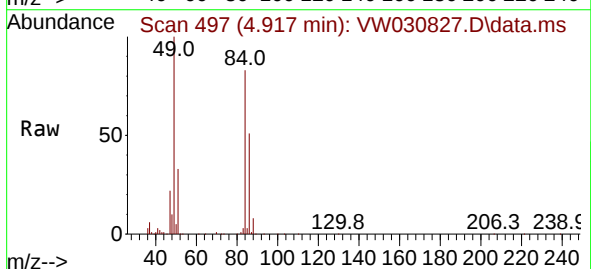
Instrument :
MSVOA_W
ClientSampleId :

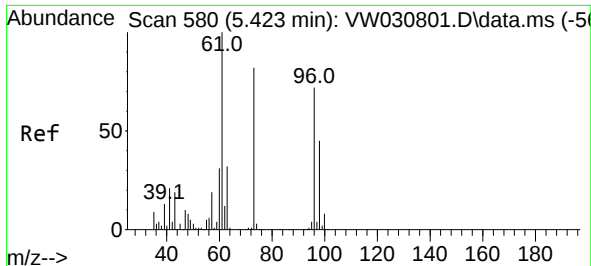
Tgt Ion: 43 Resp: 39946
Ion Ratio Lower Upper
43 100
74 24.4 19.3 28.9



#16
Methylene chloride
Concen: 21.929 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Tgt Ion: 84 Resp: 115686
Ion Ratio Lower Upper
84 100
86 61.6 43.8 81.3
49 120.4 88.3 164.1

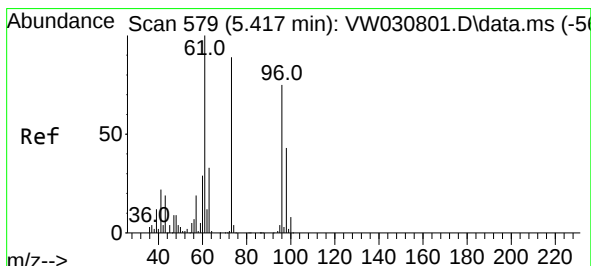
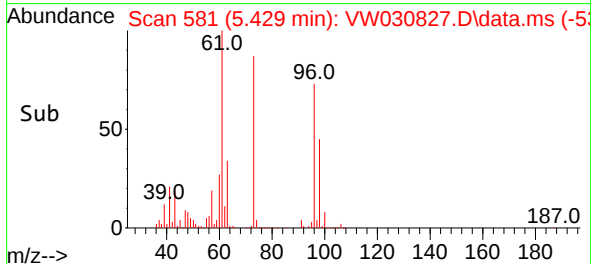
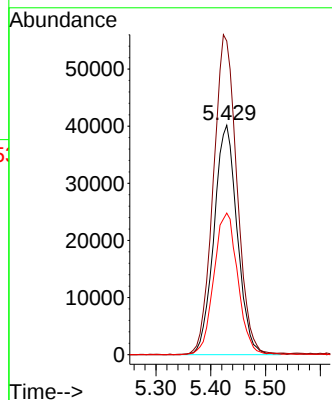
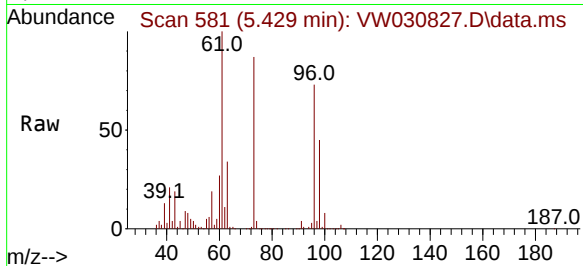




#17
trans-1,2-Dichloroethene
Concen: 23.431 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

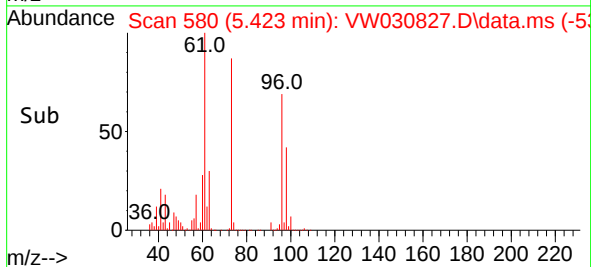
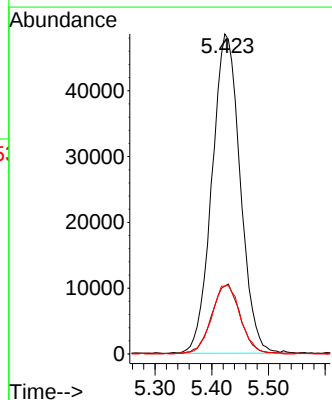
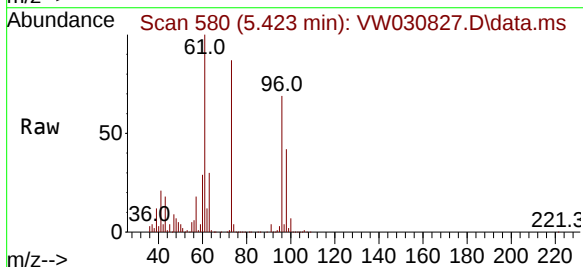
Instrument :
MSVOA_W
ClientSampleId :

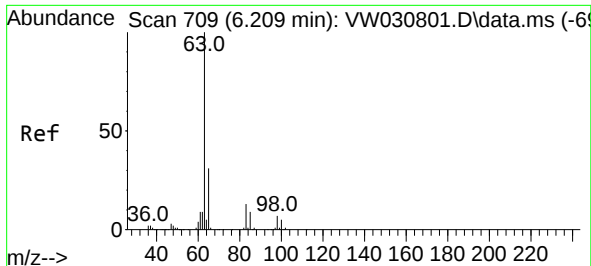
Tgt Ion: 96 Resp: 118370
Ion Ratio Lower Upper
96 100
61 136.7 96.9 179.9
98 61.7 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 23.724 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Tgt Ion: 73 Resp: 167734
Ion Ratio Lower Upper
73 100
43 21.8 18.1 27.1
57 22.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 23.274 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

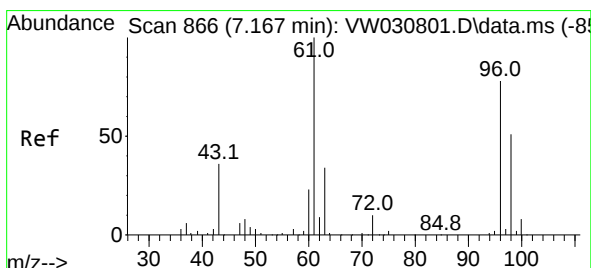
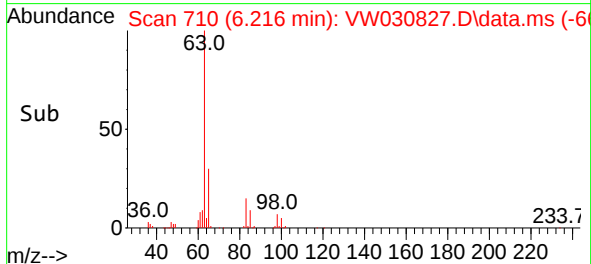
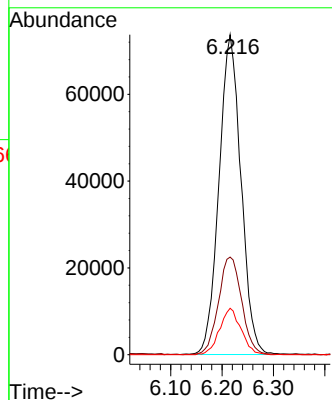
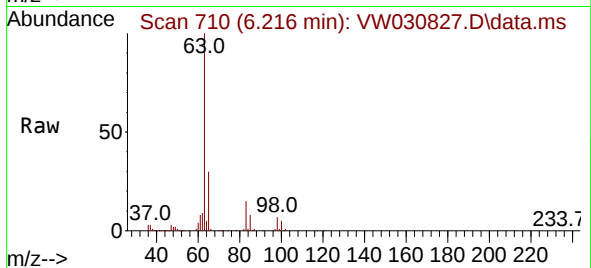
Tgt Ion: 63 Resp: 218521

Ion Ratio Lower Upper

63 100

65 30.5 22.5 41.9

83 14.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 26.335 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

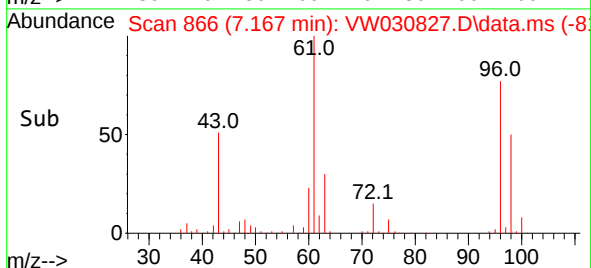
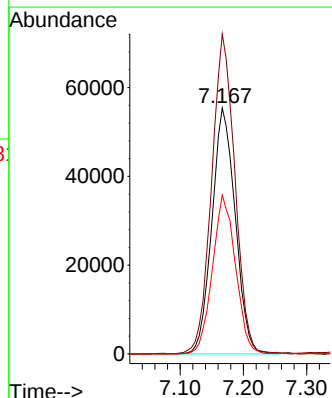
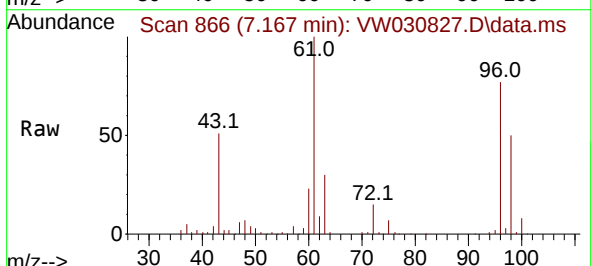
Tgt Ion: 96 Resp: 141904

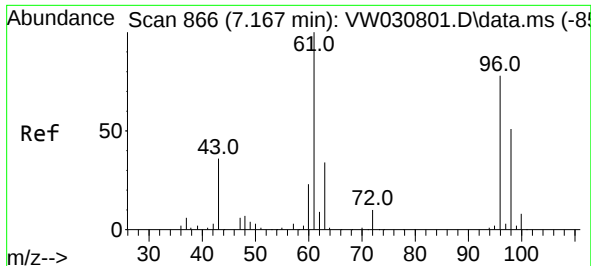
Ion Ratio Lower Upper

96 100

61 130.2 88.3 163.9

98 64.7 41.3 76.7

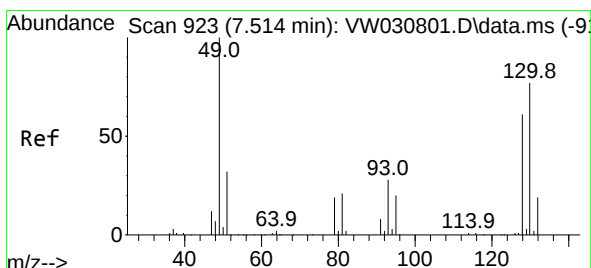
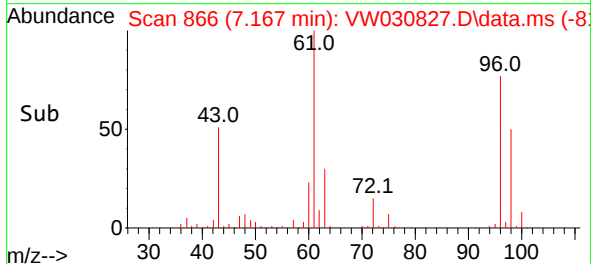
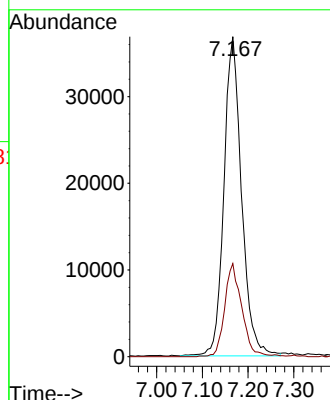
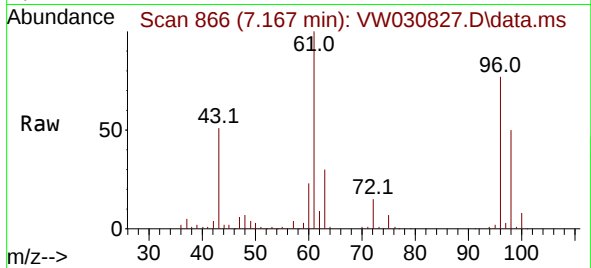




#22
2-Butanone
Concen: 63.476 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

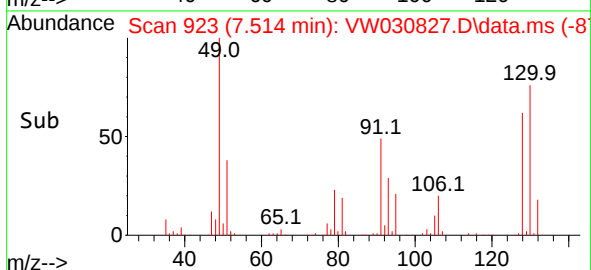
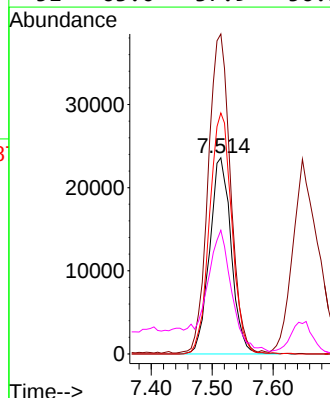
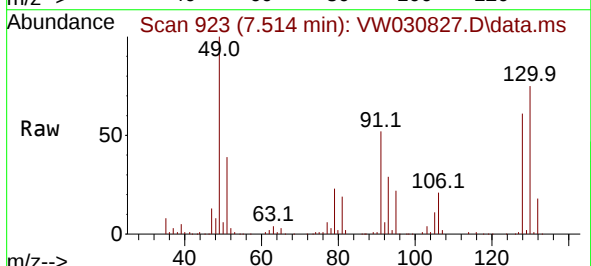
Instrument :
MSVOA_W
ClientSampleId :

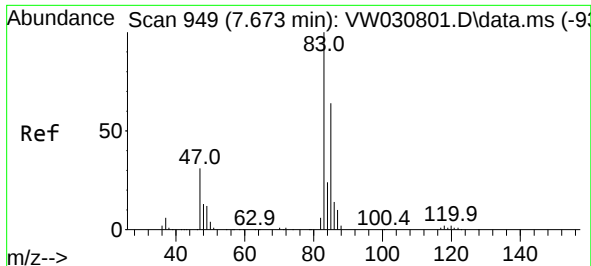
Tgt Ion: 43 Resp: 98879
Ion Ratio Lower Upper
43 100
72 28.1 14.4 43.0



#23
Bromochloromethane
Concen: 24.562 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Tgt Ion: 128 Resp: 57898
Ion Ratio Lower Upper
128 100
49 163.2 110.1 204.5
130 122.8 82.9 153.9
51 63.0 37.9 56.9#





#25

Chloroform

Concen: 24.036 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

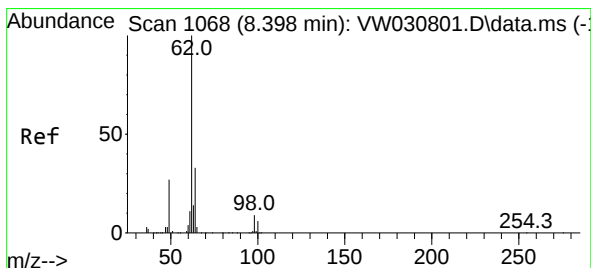
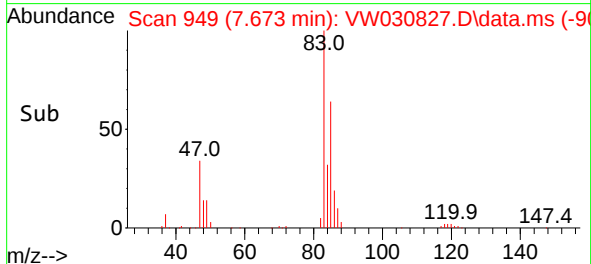
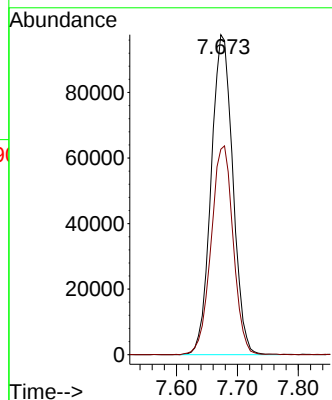
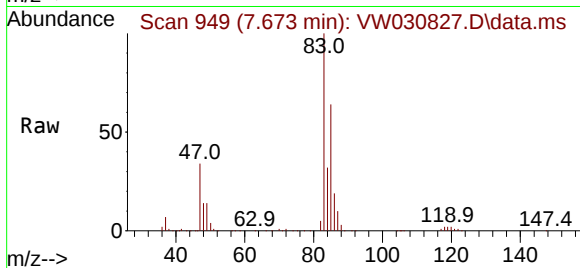
ClientSampleId :

Tgt Ion: 83 Resp: 241168

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 23.238 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030827.D

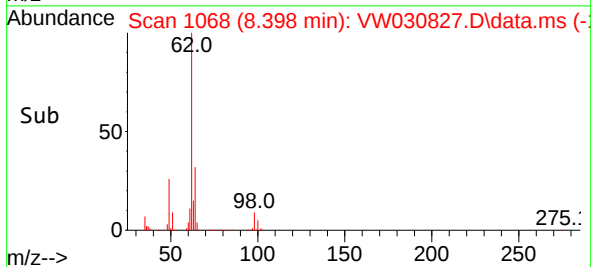
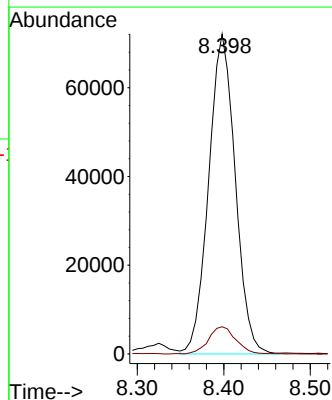
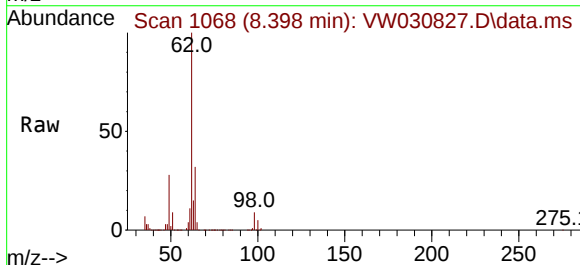
Acq: 30 Oct 2024 11:01

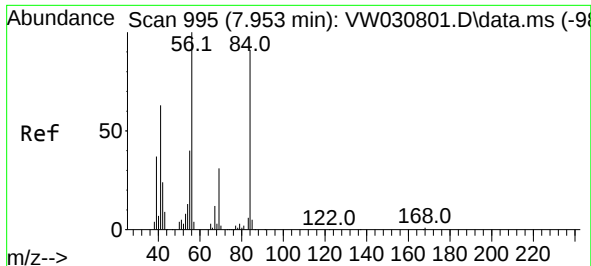
Tgt Ion: 62 Resp: 153823

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 27.152 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

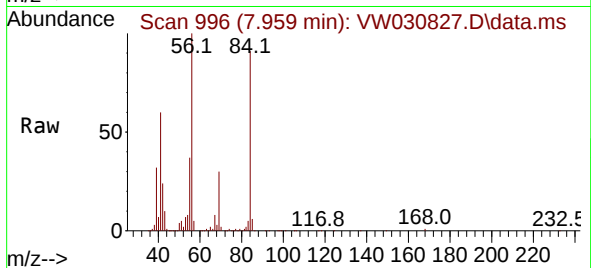
Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :



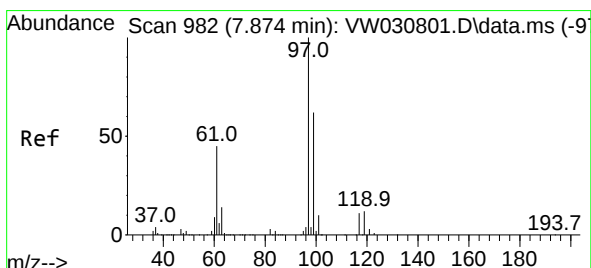
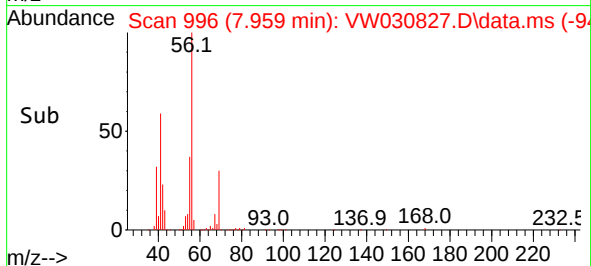
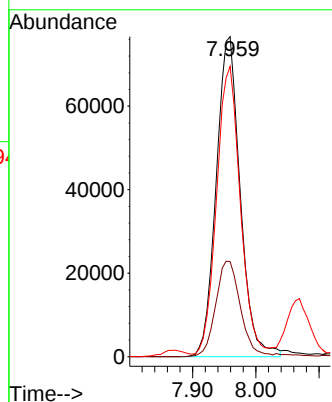
Tgt Ion: 56 Resp: 201669

Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.0

84 89.9 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.613 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

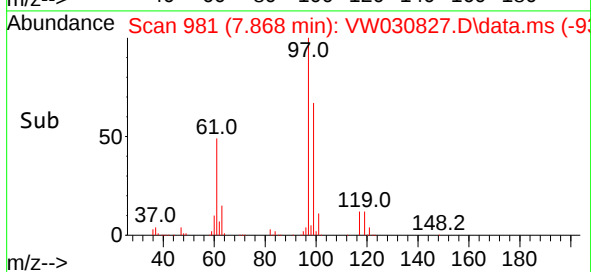
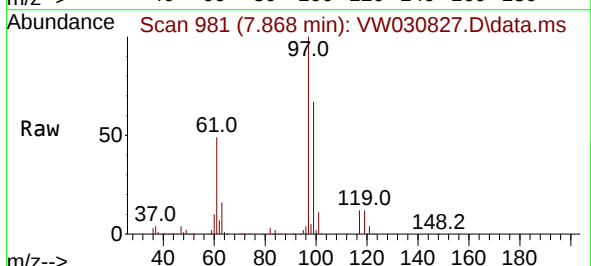
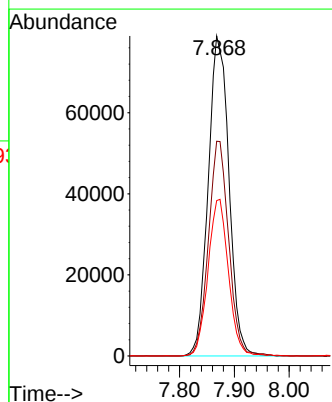
Tgt Ion: 97 Resp: 207460

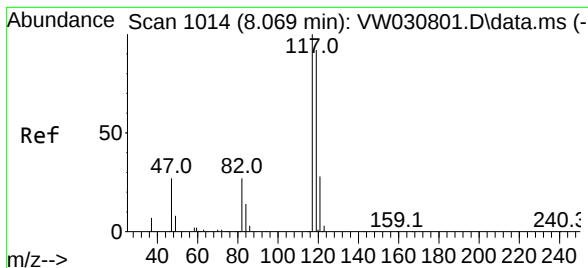
Ion Ratio Lower Upper

97 100

99 65.0 52.3 78.5

61 48.2 38.5 57.7

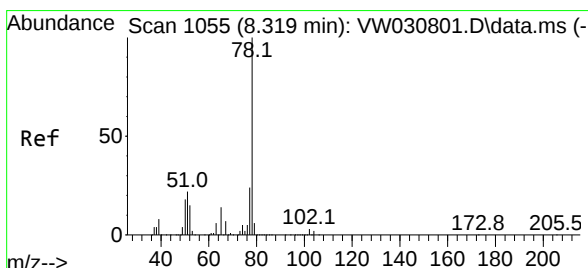
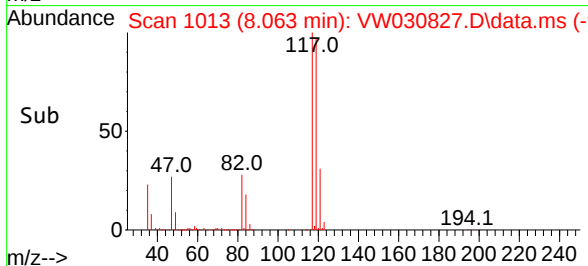
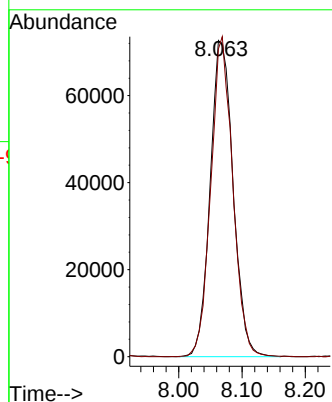
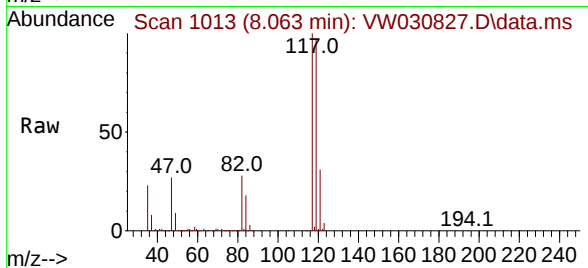




#31
Carbon tetrachloride
Concen: 25.272 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

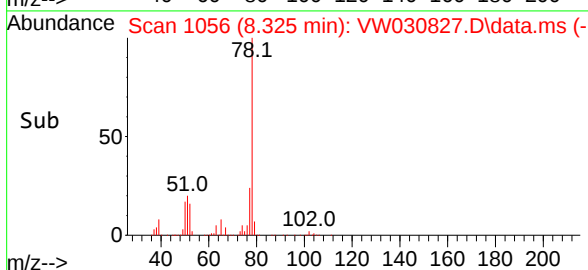
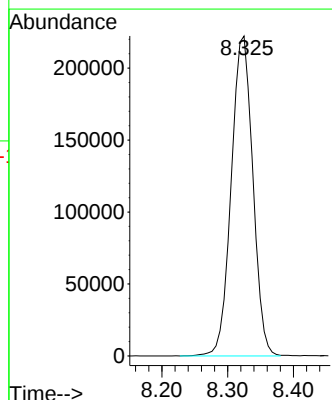
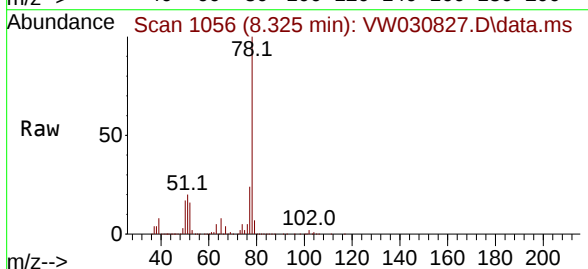
Instrument :
MSVOA_W
ClientSampleId :

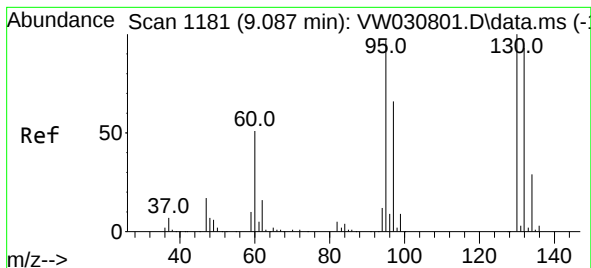
Tgt Ion:117 Resp: 182827
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8



#33
Benzene
Concen: 25.520 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Tgt Ion: 78 Resp: 506736





#34

Trichloroethene

Concen: 25.454 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

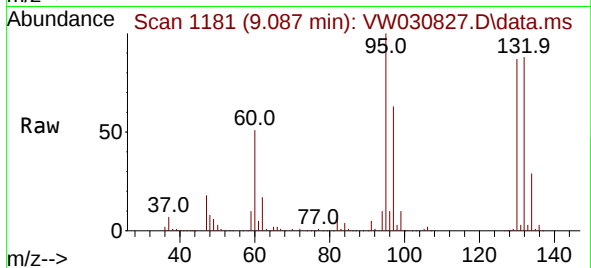
Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 140609

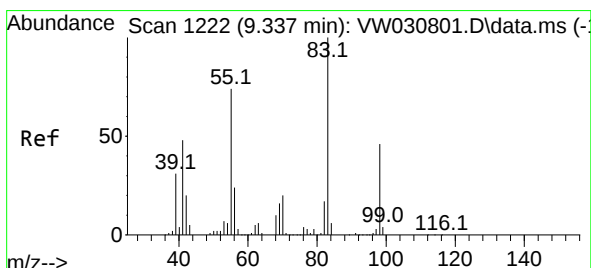
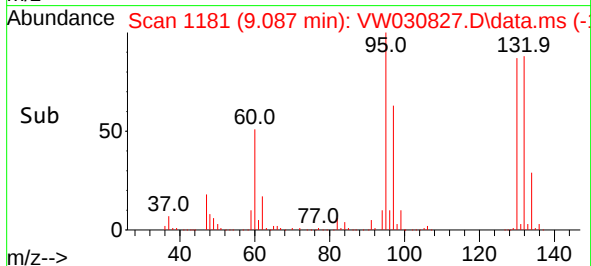
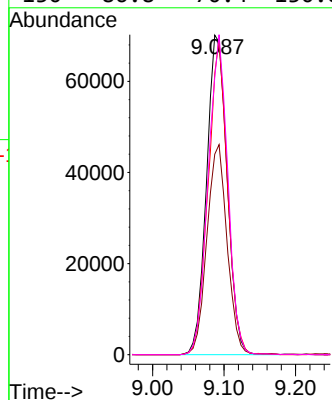
Ion Ratio Lower Upper

95 100

97 62.8 45.9 85.3

132 88.0 66.4 123.2

130 86.8 70.4 130.8



#35

Methylcyclohexane

Concen: 28.869 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

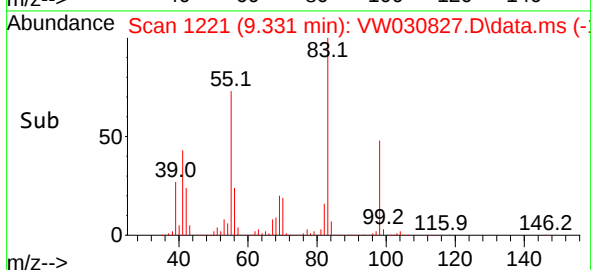
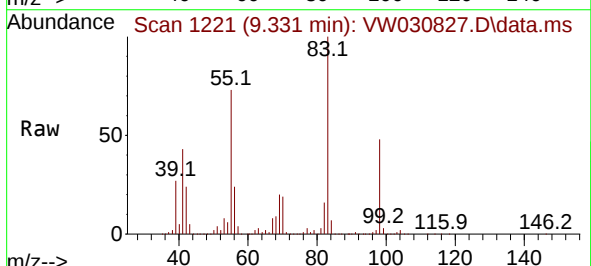
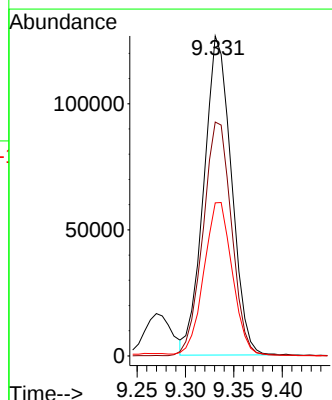
Tgt Ion: 83 Resp: 250981

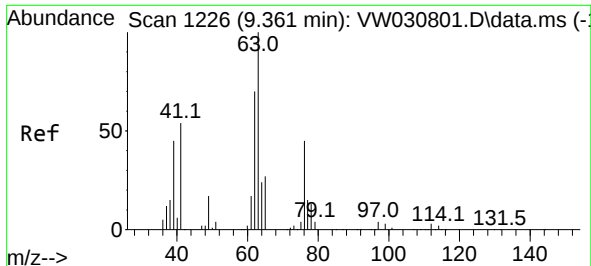
Ion Ratio Lower Upper

83 100

55 76.3 61.8 92.8

98 50.0 39.3 58.9





#37

1,2-Dichloropropane

Concen: 26.580 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

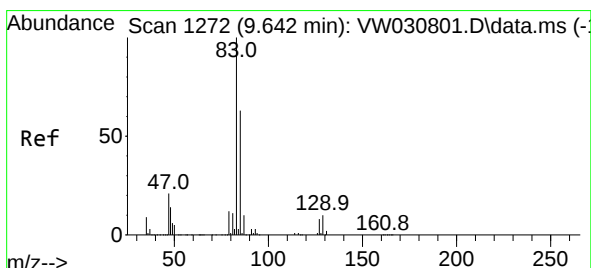
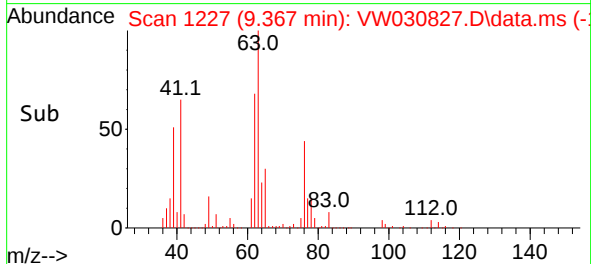
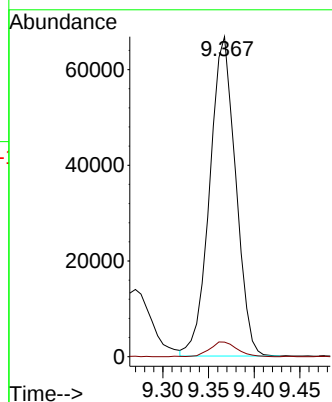
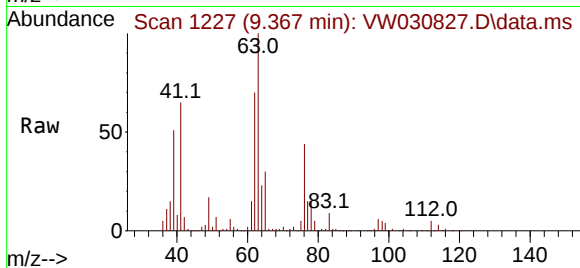
ClientSampleId :

Tgt Ion: 63 Resp: 131816

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 26.077 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

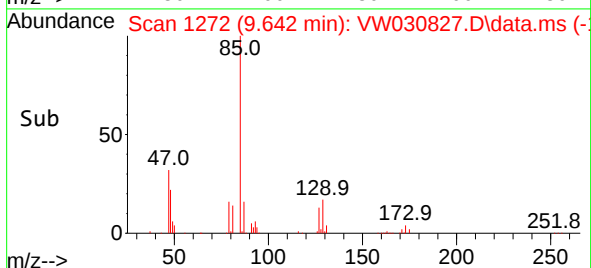
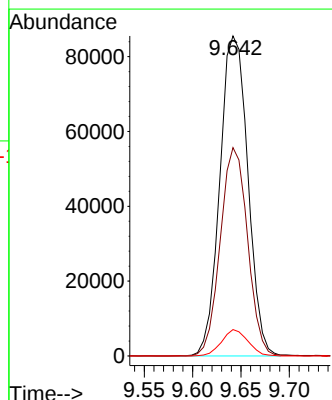
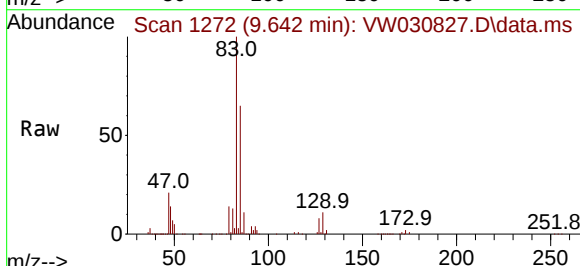
Tgt Ion: 83 Resp: 172054

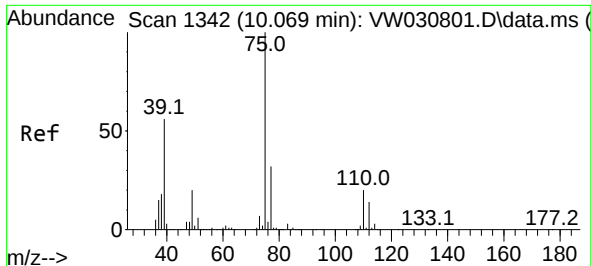
Ion Ratio Lower Upper

83 100

85 65.1 44.2 82.0

127 8.3 6.2 9.4

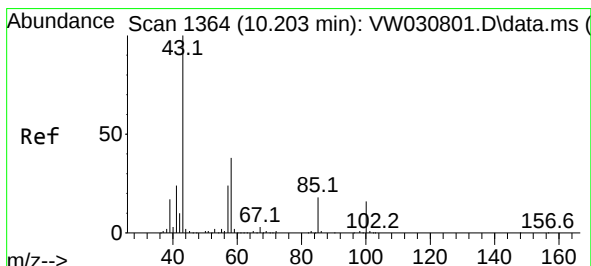
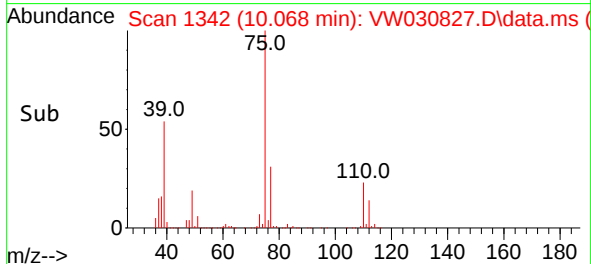
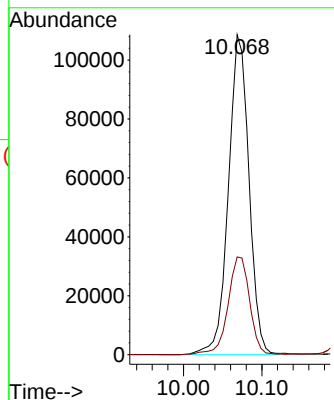
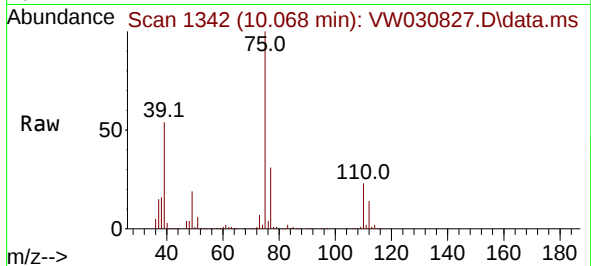




#39
 cis-1,3-Dichloropropene
 Concen: 26.478 ug/L
 RT: 10.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

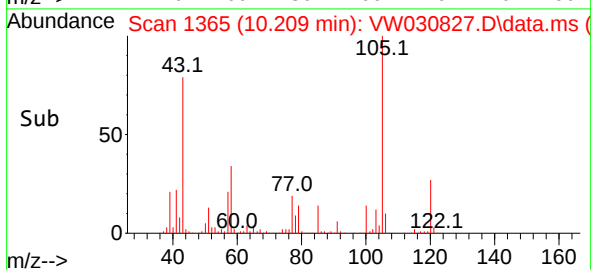
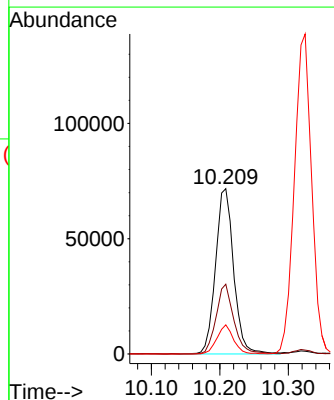
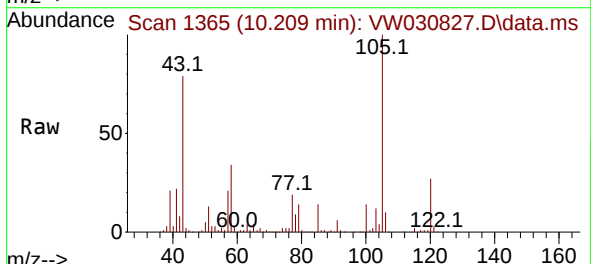
Instrument :
 MSVOA_W
 ClientSampleId :

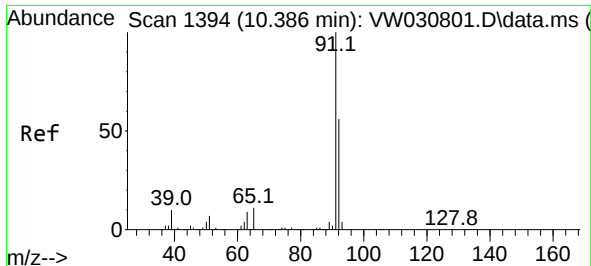
Tgt Ion: 75 Resp: 198061
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 55.215 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW030827.D
 Acq: 30 Oct 2024 11:01

Tgt Ion: 43 Resp: 131545
 Ion Ratio Lower Upper
 43 100
 58 41.3 31.4 47.2
 100 16.1 13.1 19.7

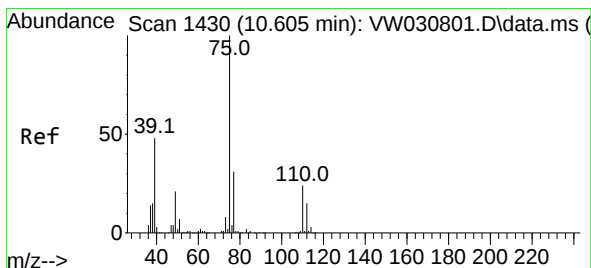
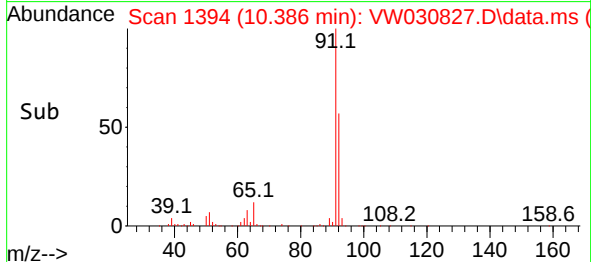
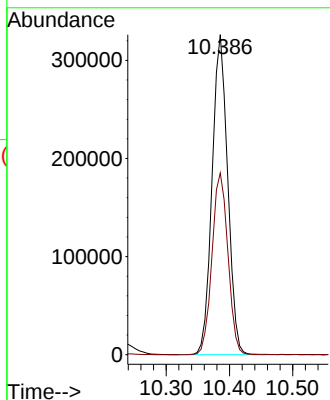
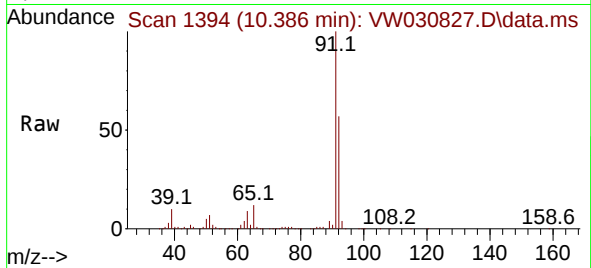




#42
Toluene
Concen: 26.349 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

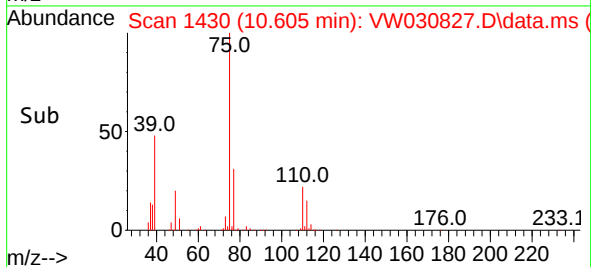
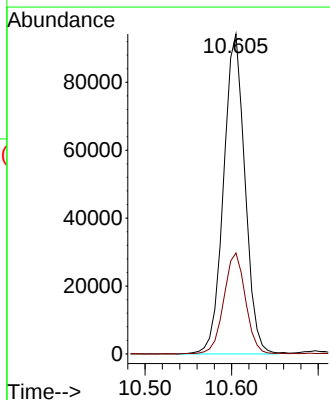
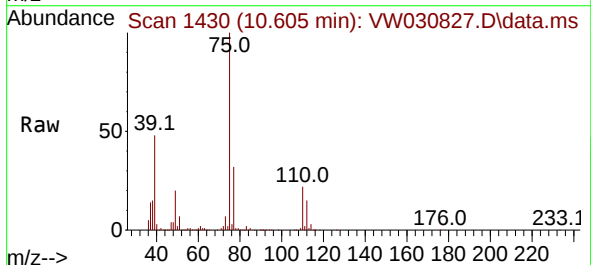
Instrument :
MSVOA_W
ClientSampleId :

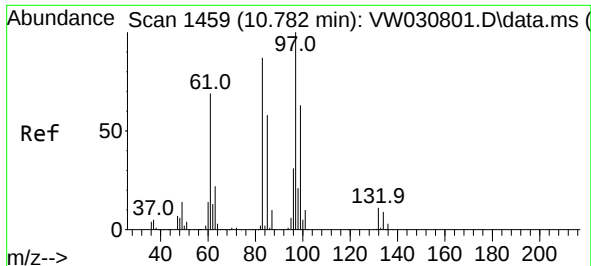
Tgt Ion: 91 Resp: 558158
Ion Ratio Lower Upper
91 100
92 56.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.708 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Tgt Ion: 75 Resp: 161593
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2

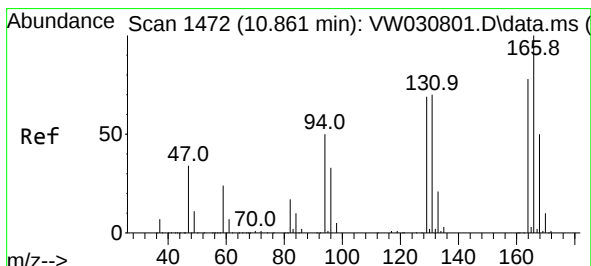
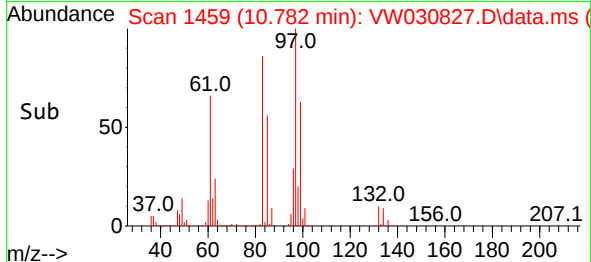
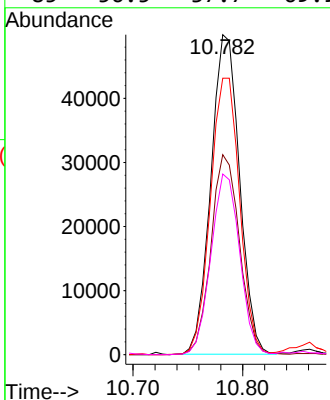
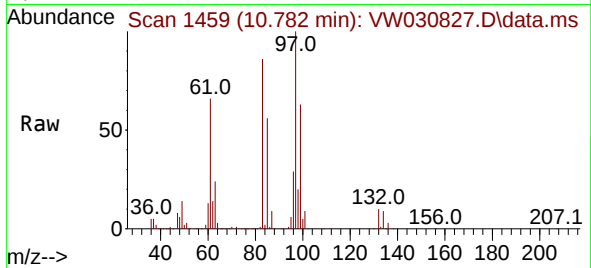




#45
1,1,2-Trichloroethane
Concen: 25.296 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

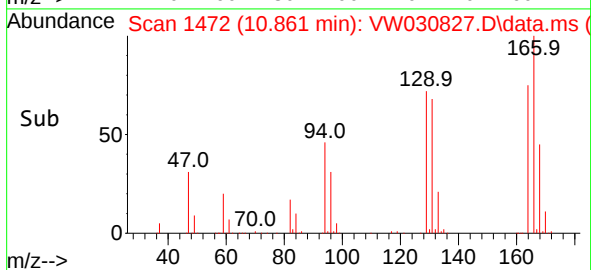
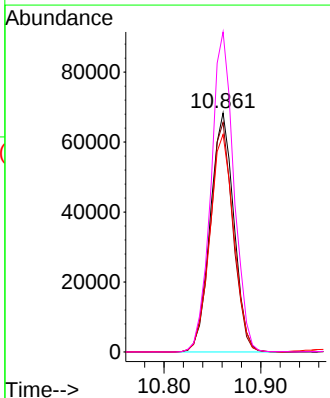
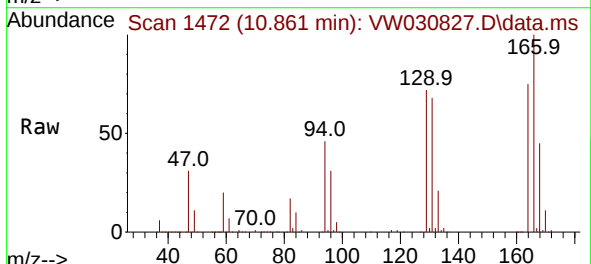
Instrument :
MSVOA_W
ClientSampleId :

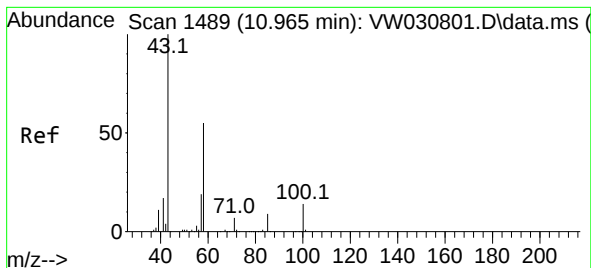
Tgt Ion:	97	Resp:	90665
Ion	Ratio	Lower	Upper
97	100		
99	62.5	41.2	76.6
83	86.4	59.6	110.6
85	56.5	37.7	69.9



#46
Tetrachloroethene
Concen: 28.234 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

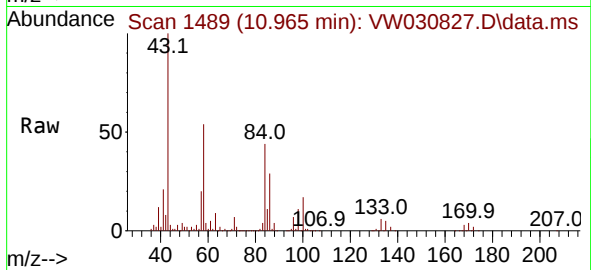
Tgt Ion:	164	Resp:	115033
Ion	Ratio	Lower	Upper
164	100		
129	96.1	66.6	123.6
131	91.0	63.7	118.3
166	133.9	88.7	164.7



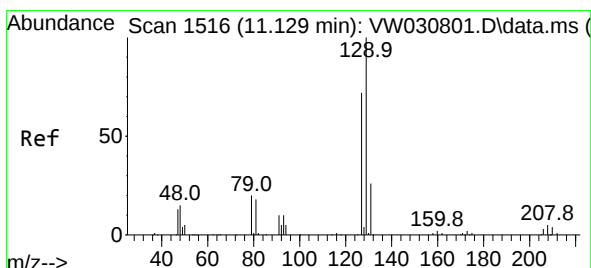
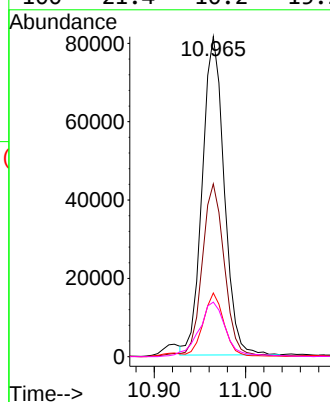
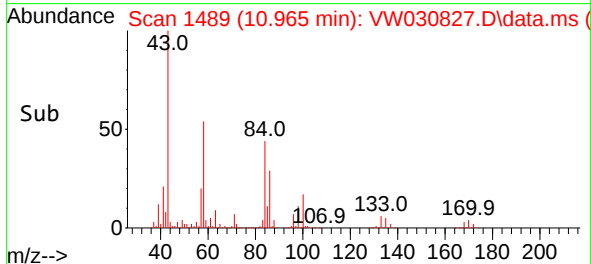


#48
2-Hexanone
Concen: 69.330 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Instrument :
MSVOA_W
ClientSampleId :

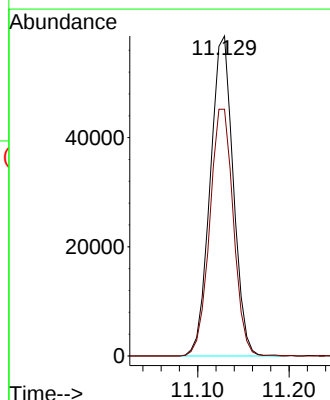
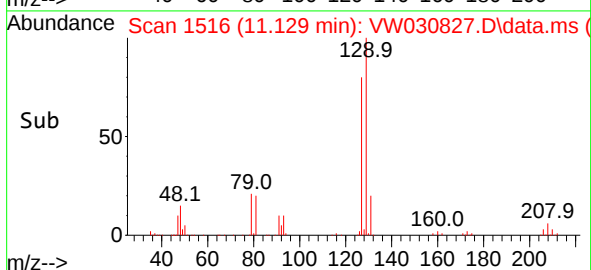
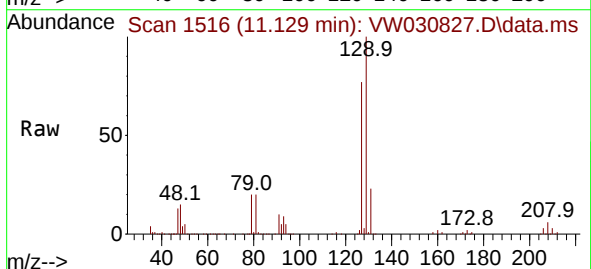


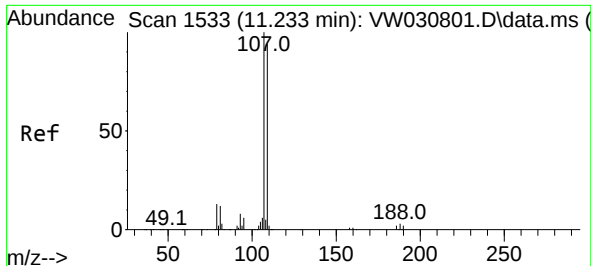
Tgt Ion: 43 Resp: 135075
Ion Ratio Lower Upper
43 100
58 54.9 44.6 67.0
57 18.4 15.8 23.8
100 21.4 10.2 15.2#



#49
Dibromochloromethane
Concen: 25.663 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Tgt Ion:129 Resp: 102630
Ion Ratio Lower Upper
129 100
127 77.1 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.590 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030827.D

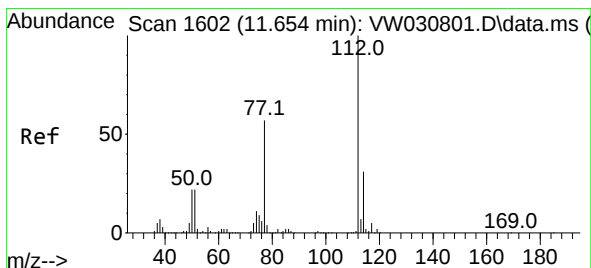
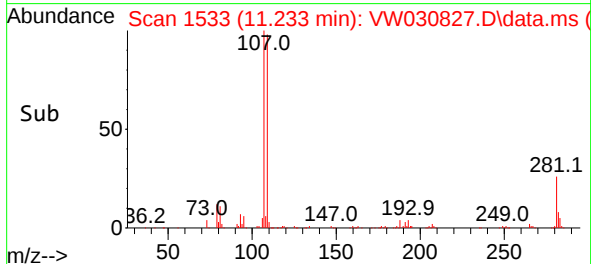
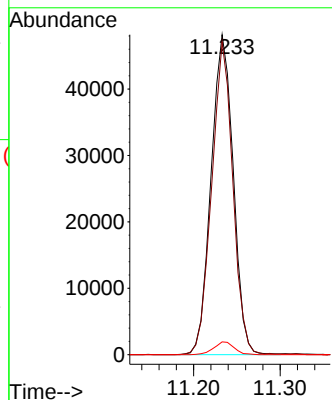
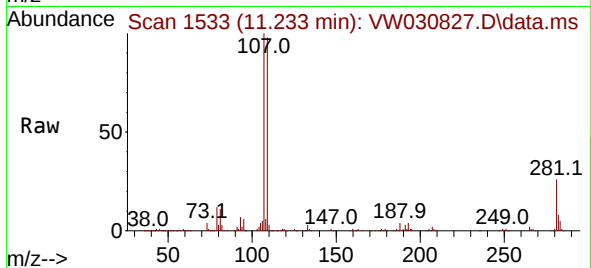
Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	85582
Ion	Ratio	Lower	Upper
107	100		
109	97.8	63.8	118.6
188	4.0	2.6	3.8#



#51

Chlorobenzene

Concen: 26.302 ug/L

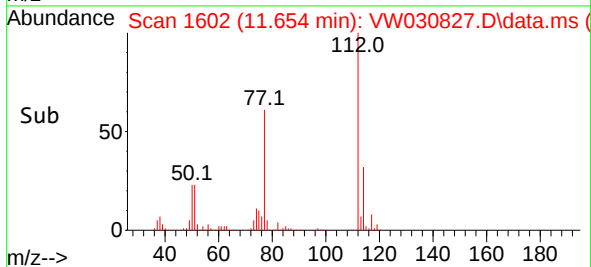
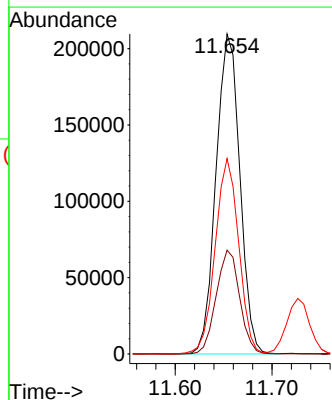
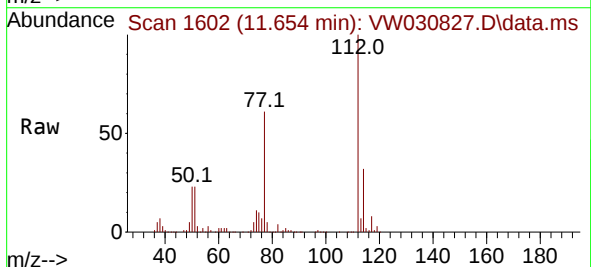
RT: 11.654 min Scan# 1602

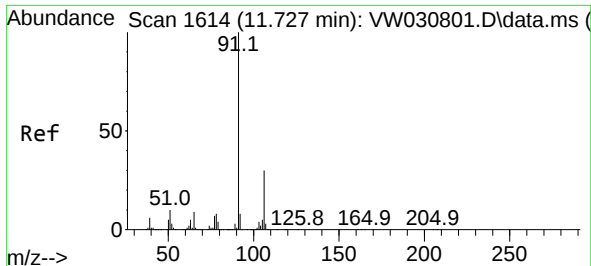
Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Tgt Ion:	112	Resp:	358663
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.4	41.6
77	61.0	47.1	70.7





#52

Ethylbenzene

Concen: 26.878 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

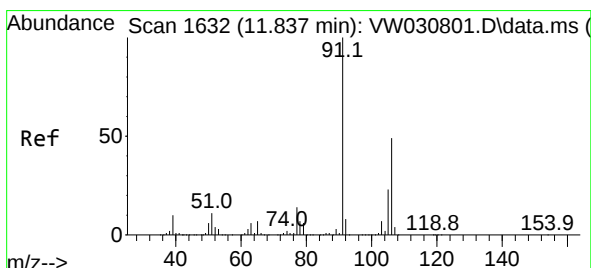
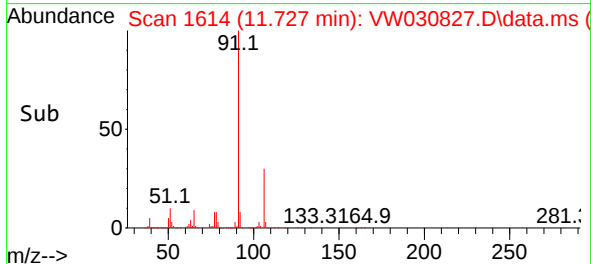
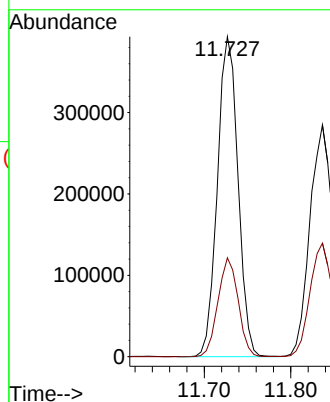
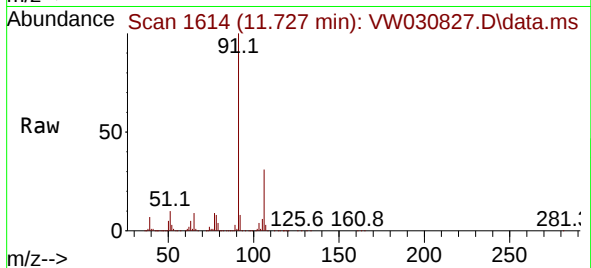
ClientSampleId :

Tgt Ion: 91 Resp: 649689

Ion Ratio Lower Upper

91 100

106 30.9 21.1 39.1



#53

m,p-Xylene

Concen: 28.220 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030827.D

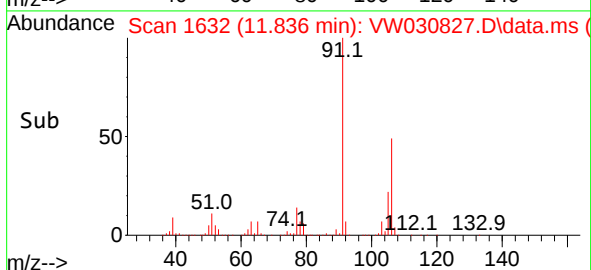
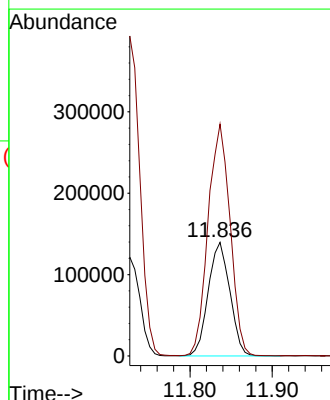
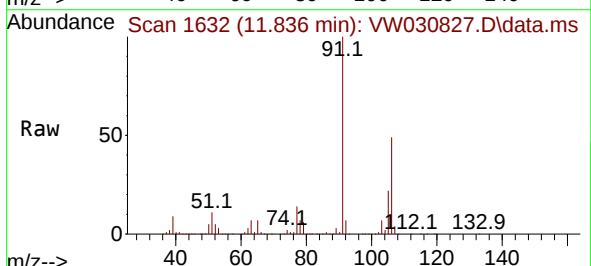
Acq: 30 Oct 2024 11:01

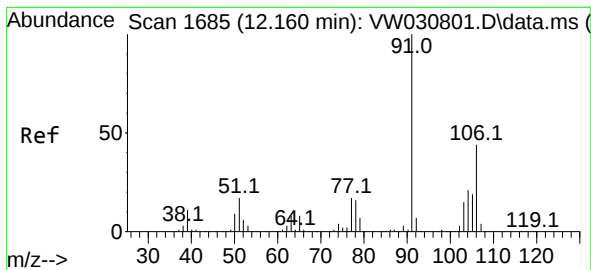
Tgt Ion:106 Resp: 255550

Ion Ratio Lower Upper

106 100

91 203.9 140.6 261.2





#54

o-Xylene

Concen: 28.511 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

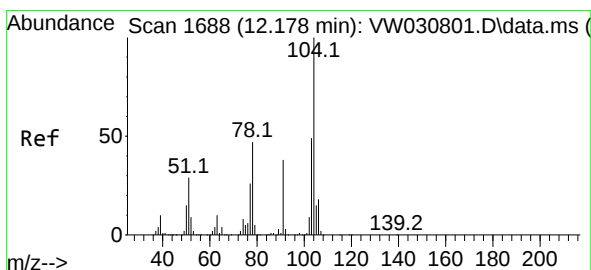
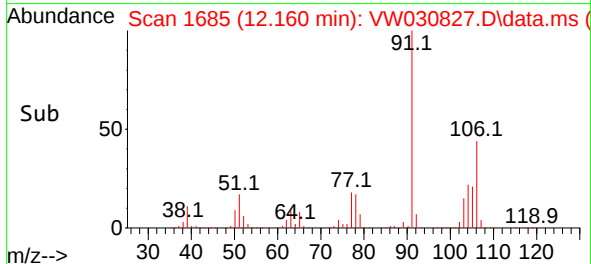
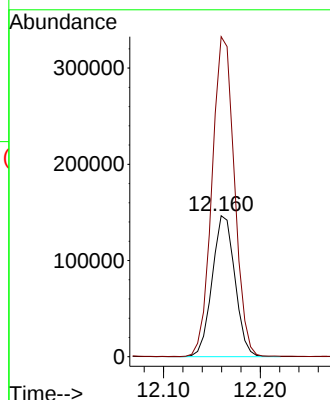
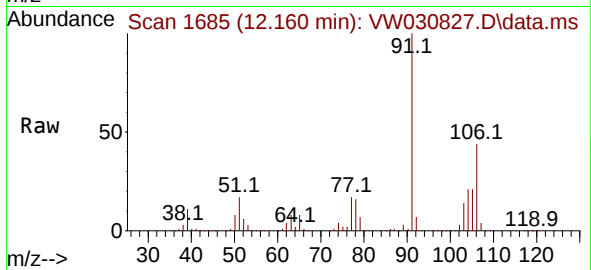
ClientSampleId :

Tgt Ion:106 Resp: 238697

Ion Ratio Lower Upper

106 100

91 226.9 144.5 268.4



#55

Styrene

Concen: 27.805 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030827.D

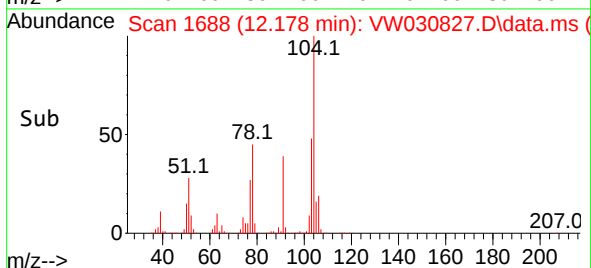
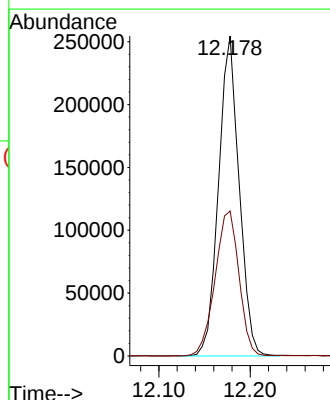
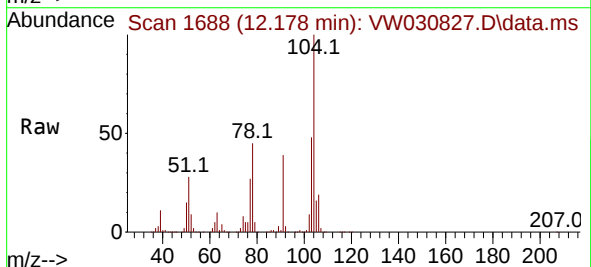
Acq: 30 Oct 2024 11:01

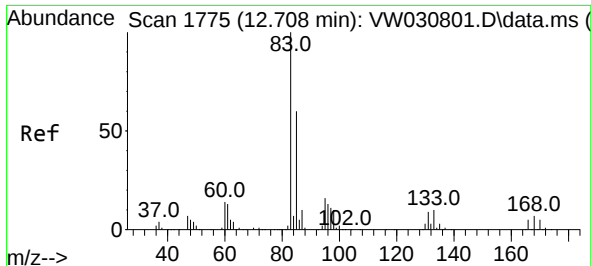
Tgt Ion:104 Resp: 397952

Ion Ratio Lower Upper

104 100

78 45.3 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.554 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

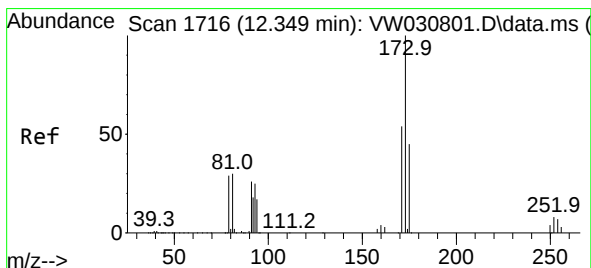
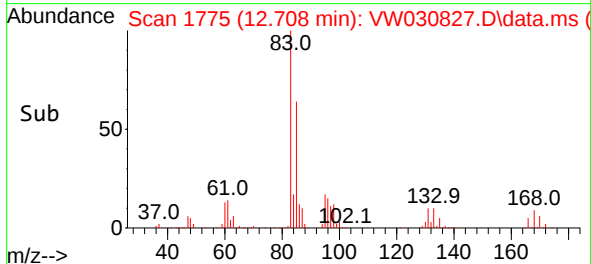
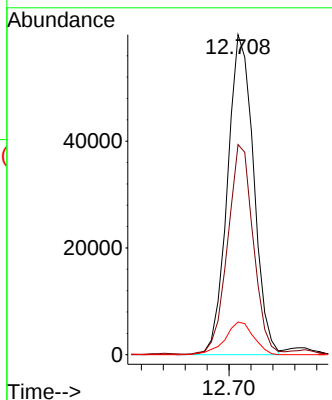
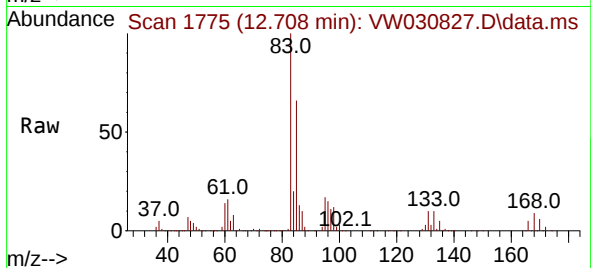
Tgt Ion: 83 Resp: 99244

Ion Ratio Lower Upper

83 100

85 65.6 42.6 79.2

131 10.2 7.4 11.0



#59

Bromoform

Concen: 24.588 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

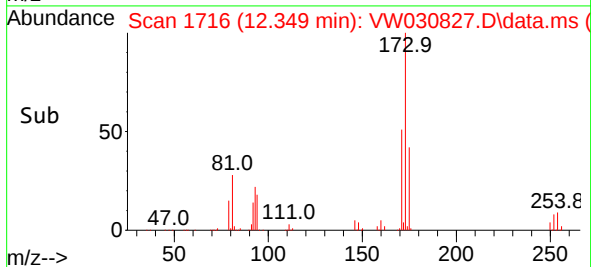
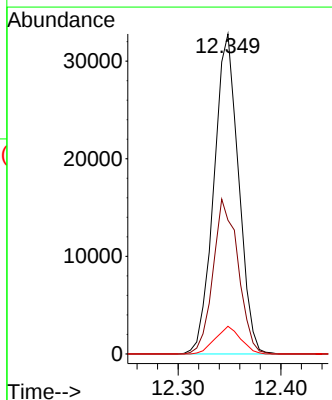
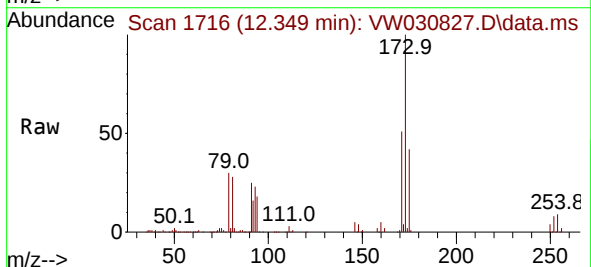
Tgt Ion:173 Resp: 54638

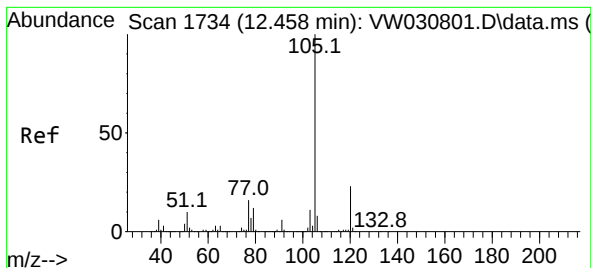
Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

254 8.9 7.7 11.5





#60

Isopropylbenzene

Concen: 26.138 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

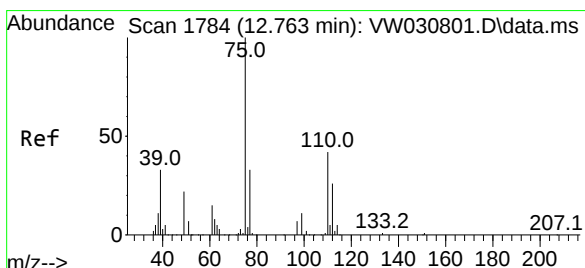
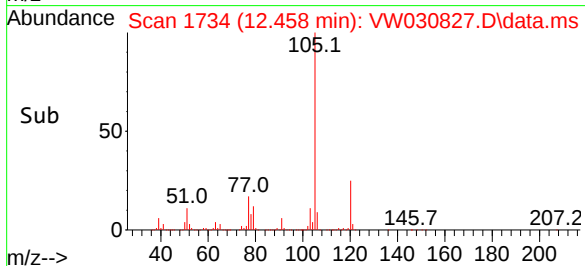
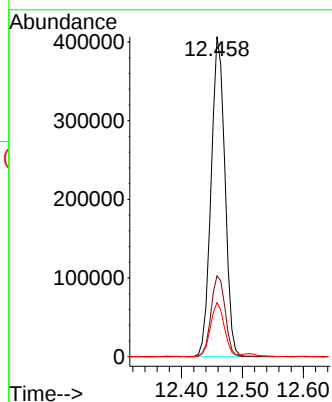
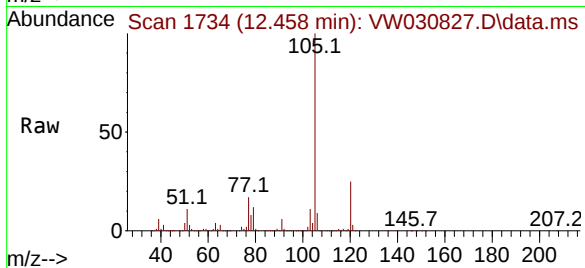
Tgt Ion:105 Resp: 640209

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 17.0 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.632 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

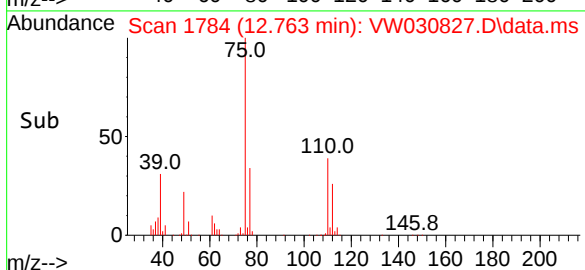
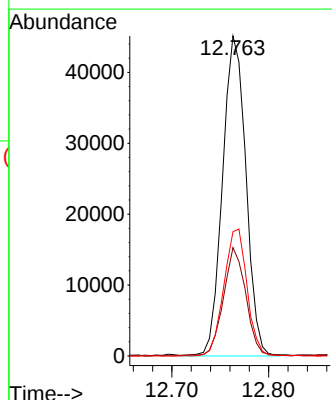
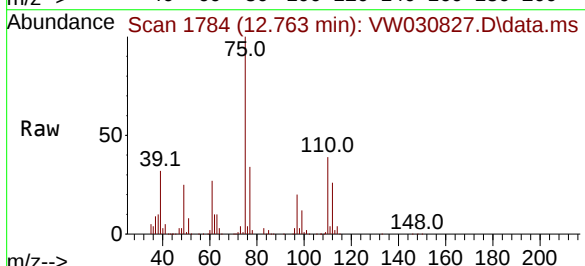
Tgt Ion: 75 Resp: 75810

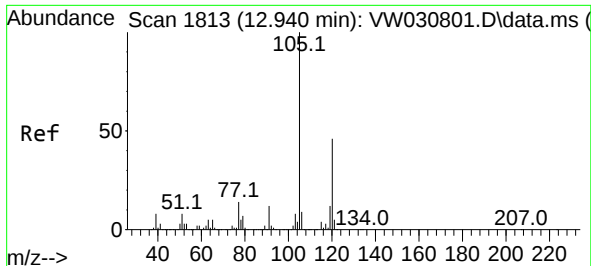
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

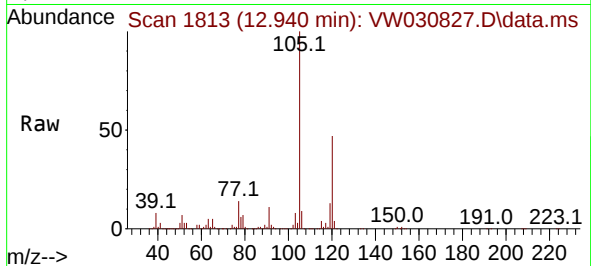
110 39.3 32.3 48.5



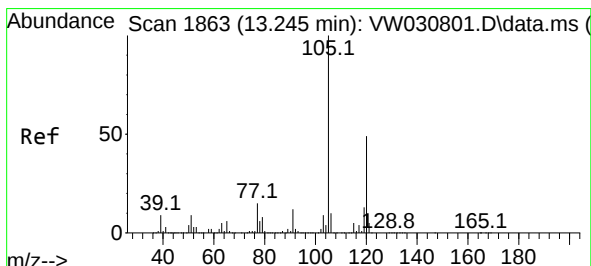
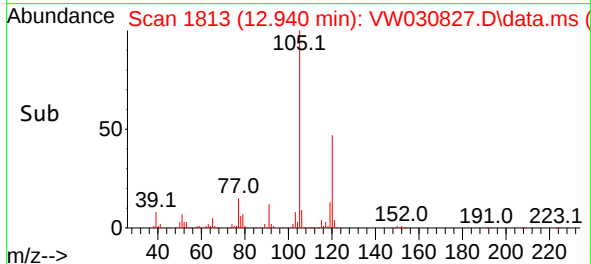
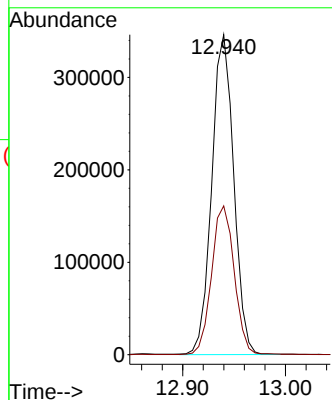


#62
1,3,5-Trimethylbenzene
Concen: 26.546 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

Instrument :
MSVOA_W
ClientSampleId :

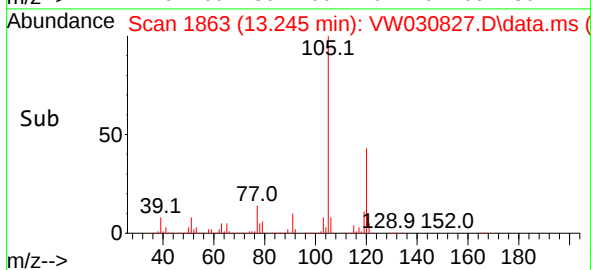
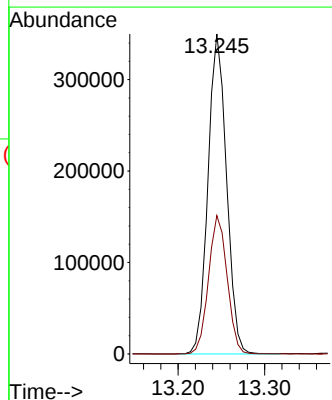
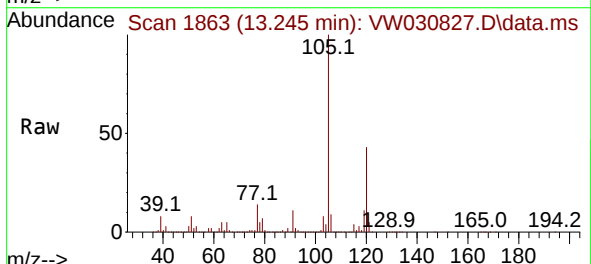


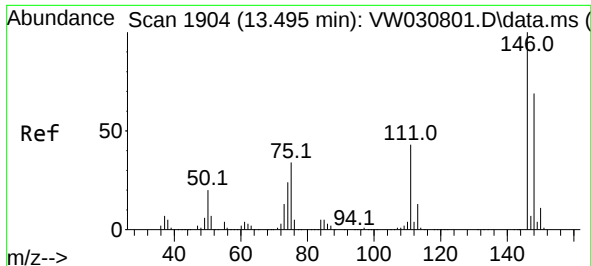
Tgt Ion:105 Resp: 512969
Ion Ratio Lower Upper
105 100
120 47.9 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 27.455 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

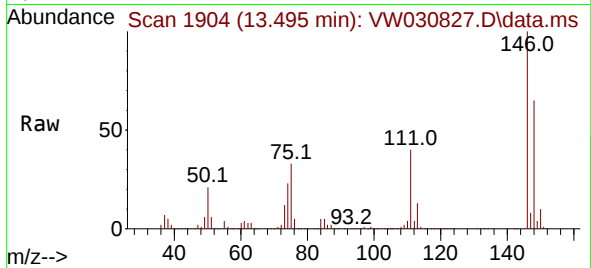
Tgt Ion:105 Resp: 519449
Ion Ratio Lower Upper
105 100
120 43.6 35.8 53.6



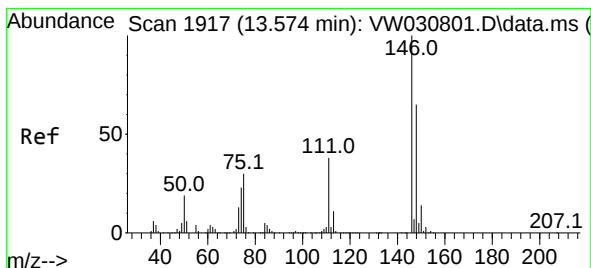
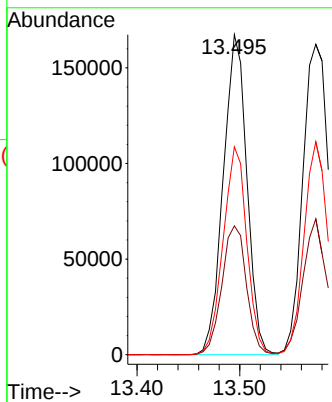
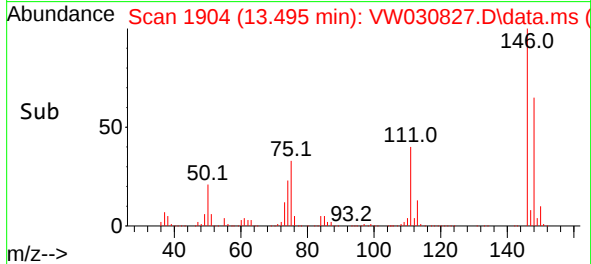


#64
1,3-Dichlorobenzene
Concen: 25.117 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01

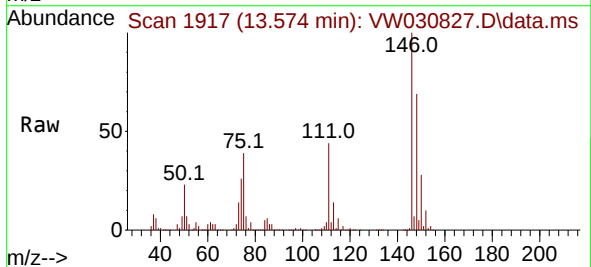
Instrument :
MSVOA_W
ClientSampleId :



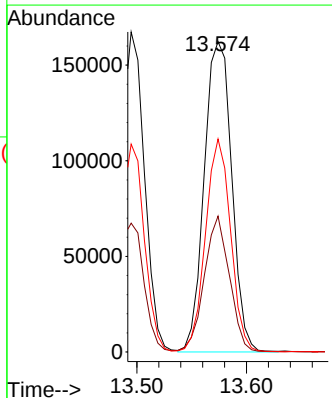
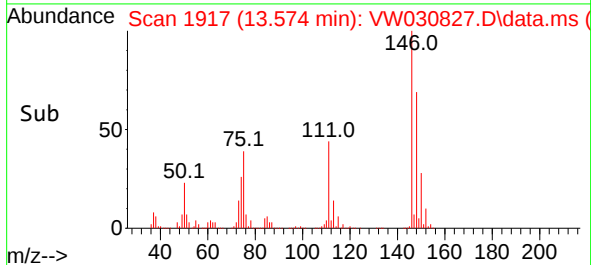
Tgt Ion:146 Resp: 267789
Ion Ratio Lower Upper
146 100
111 40.2 31.2 58.0
148 65.0 45.7 84.9

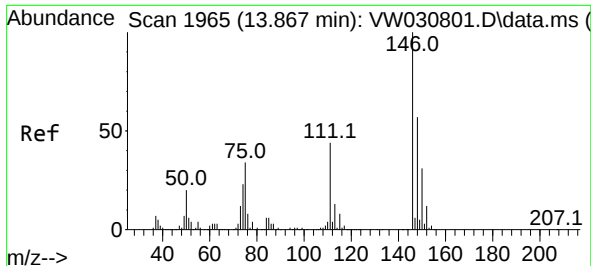


#65
1,4-Dichlorobenzene
Concen: 25.709 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030827.D
Acq: 30 Oct 2024 11:01



Tgt Ion:146 Resp: 283024
Ion Ratio Lower Upper
146 100
111 43.8 26.8 49.8
148 68.6 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 24.130 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

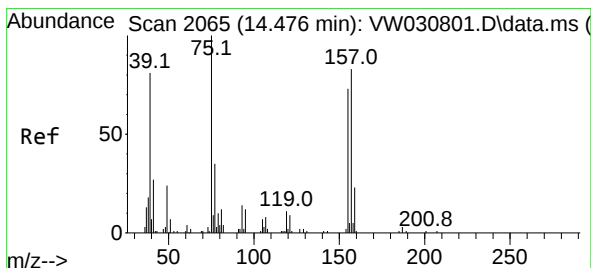
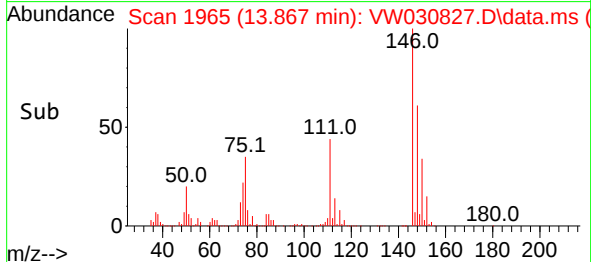
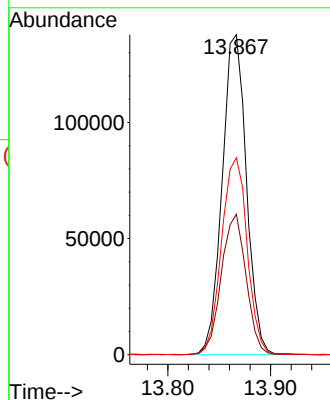
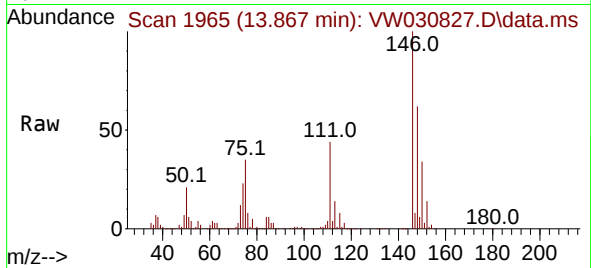
Tgt Ion:146 Resp: 226379

Ion Ratio Lower Upper

146 100

111 43.9 34.6 52.0

148 61.5 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.286 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

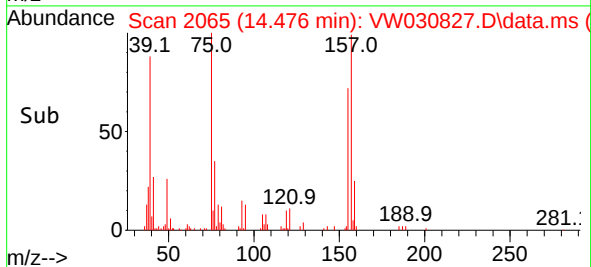
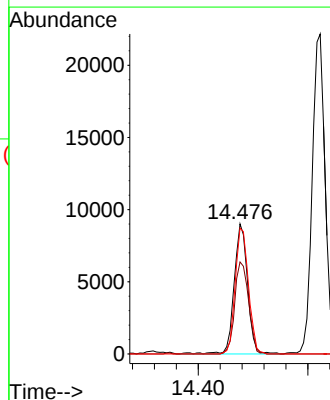
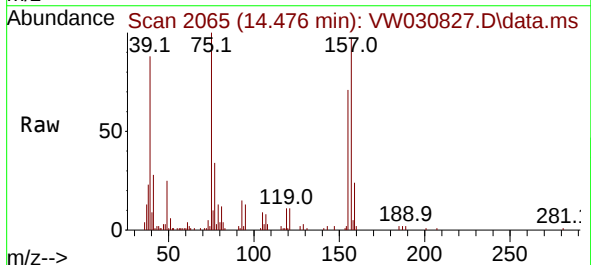
Tgt Ion: 75 Resp: 15294

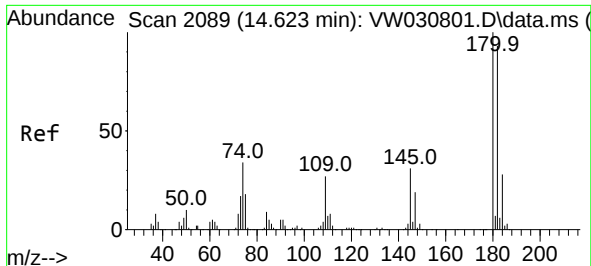
Ion Ratio Lower Upper

75 100

155 70.7 57.9 86.9

157 96.7 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.010 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

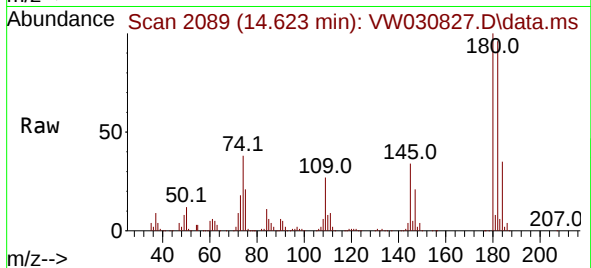
Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 168802

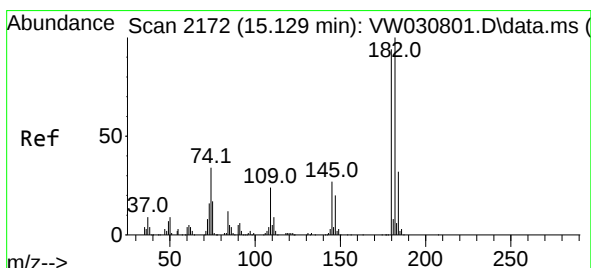
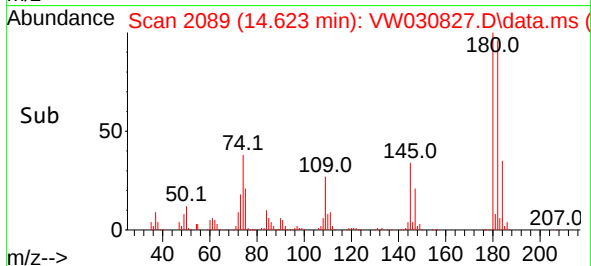
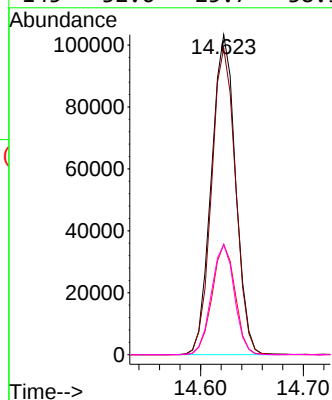
Ion Ratio Lower Upper

180 100

182 95.0 79.9 119.9

184 32.6 25.2 37.8

145 32.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.855 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

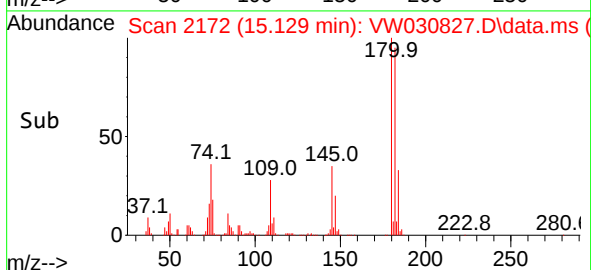
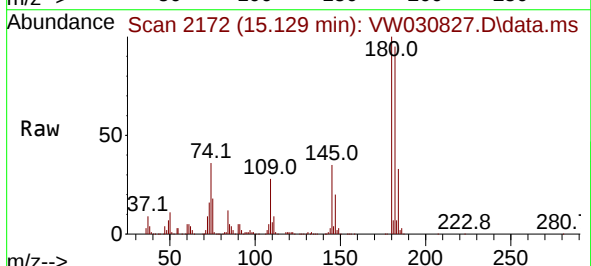
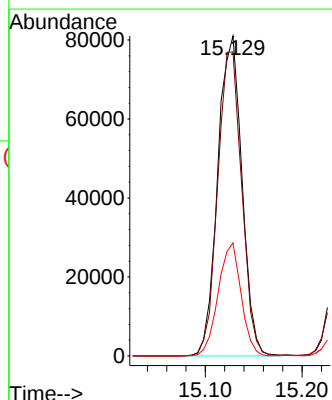
Tgt Ion:180 Resp: 140677

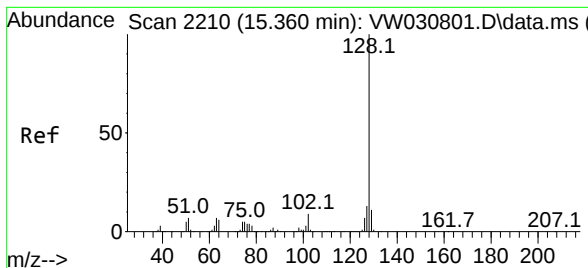
Ion Ratio Lower Upper

180 100

182 94.6 75.2 112.8

145 33.5 25.4 38.2





#71

Naphthalene

Concen: 25.961 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

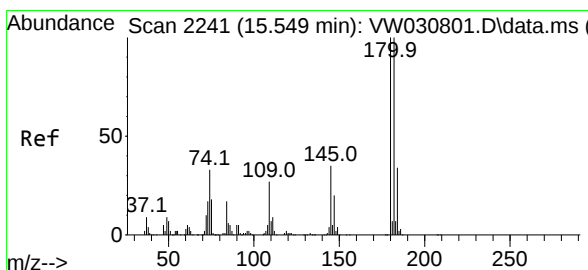
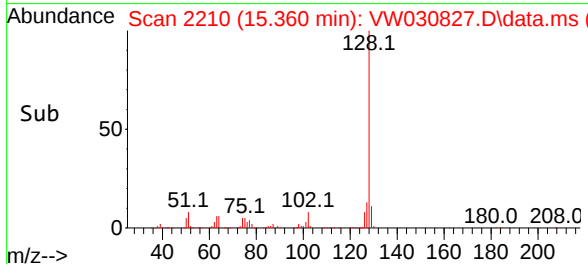
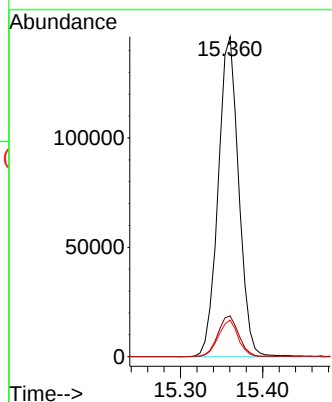
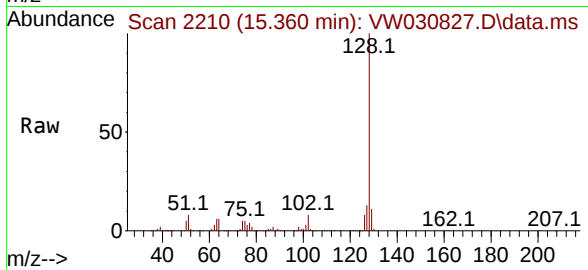
Tgt Ion:128 Resp: 253858

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.012 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030827.D

Acq: 30 Oct 2024 11:01

Tgt Ion:180 Resp: 117819

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.4

145 33.8 27.4 41.2

