

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020325\
 Data File : VW031678.D
 Acq On : 03 Feb 2025 08:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Feb 04 07:45:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:53:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	341905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	243106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	96012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126602	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.440%
7) Chloroethane-d5	2.899	69	85014	23.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.720%
11) 1,1-Dichloroethene-d2	4.021	65	58279	21.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.720%
21) 2-Butanone-d5	7.094	46	86928	51.442	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
24) Chloroform-d	7.655	84	171805	23.120	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.480%
26) 1,2-Dichloroethane-d4	8.313	65	65913	22.987	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.960%
32) Benzene-d6	8.276	84	396229	23.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	9.276	67	94707	23.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.325	98	334261	22.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.040%
43) trans-1,3-Dichloroprop...	10.581	79	28200	23.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.760%
47) 2-Hexanone-d5	10.922	63	38895	51.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68299	23.643	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	76534	24.405	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	104334	21.580	ug/L #	88
3) Chloromethane	2.216	50	101578	22.039	ug/L	95
5) Vinyl chloride	2.369	62	153554	24.188	ug/L	99
6) Bromomethane	2.790	94	75607	26.213	ug/L	94
8) Chloroethane	2.930	64	77808	25.165	ug/L	90
9) Trichlorofluoromethane	3.271	101	136818	27.538	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	118977	21.249	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	119626	22.167	ug/L	95
13) Acetone	4.155	43	74745	55.258	ug/L	87
14) Carbon disulfide	4.387	76	384080	23.352	ug/L	98
15) Methyl Acetate	4.692	43	60564	25.478	ug/L #	100
16) Methylene chloride	4.929	84	86679	24.158	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	117528	21.923	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	110003	23.895	ug/L #	69
19) 1,1-Dichloroethane	6.222	63	190784	23.032	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	106928	23.131	ug/L	95
22) 2-Butanone	7.185	43	100085	49.718	ug/L	98
23) Bromochloromethane	7.514	128	35521	23.711	ug/L	90
25) Chloroform	7.679	83	170048	23.067	ug/L	96

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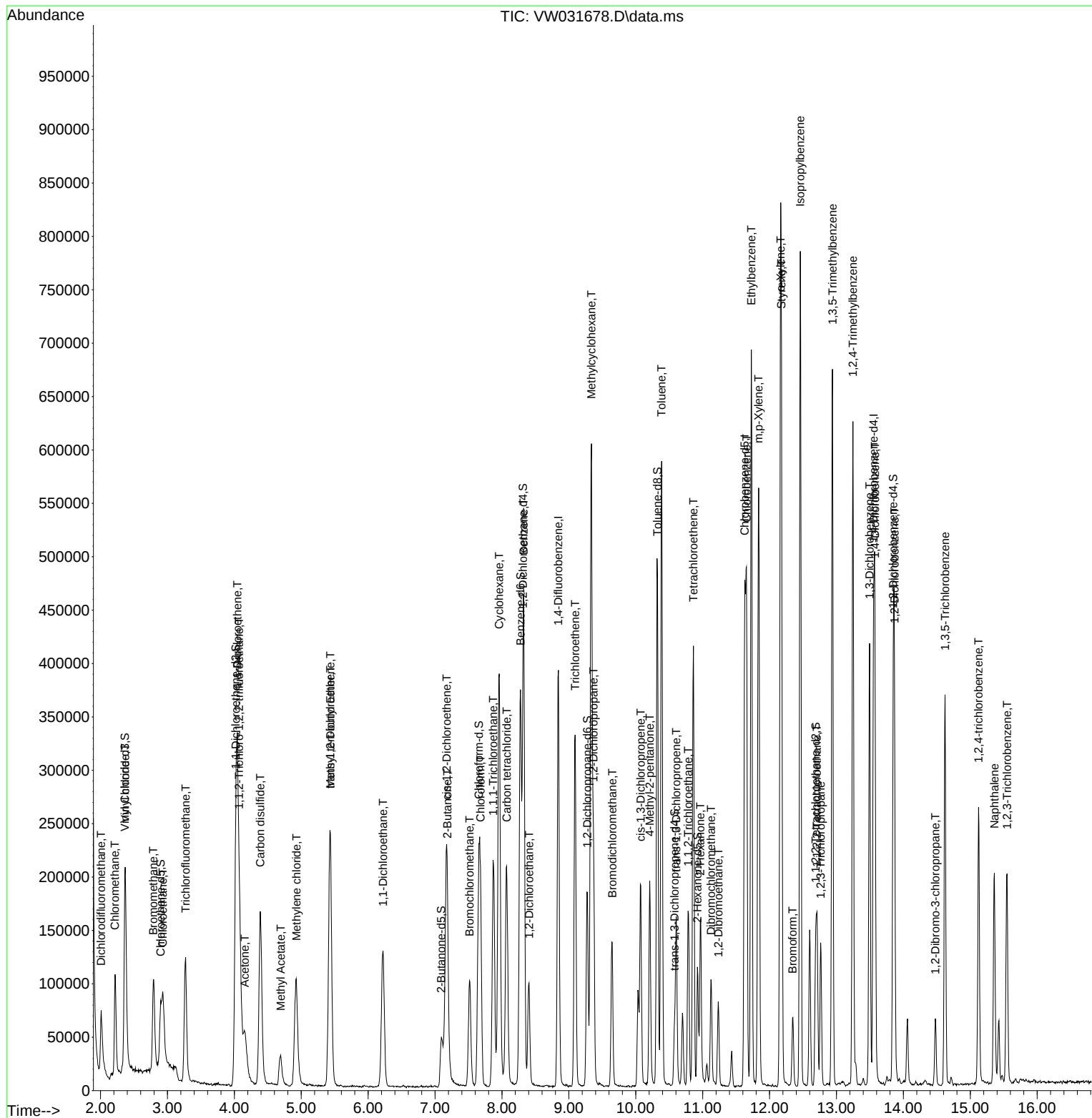
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	89153	25.005	ug/L	97
29) Cyclohexane	7.959	56	232921	20.834	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	175397	22.697	ug/L	99
31) Carbon tetrachloride	8.069	117	158061	21.762	ug/L	99
33) Benzene	8.325	78	436033	22.386	ug/L	100
34) Trichloroethene	9.093	95	121939	21.223	ug/L	98
35) Methylcyclohexane	9.337	83	243657	21.255	ug/L	97
37) 1,2-Dichloropropane	9.368	63	89836	22.905	ug/L	98
38) Bromodichloromethane	9.648	83	96044	23.515	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	115161	23.634	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	127339	49.076	ug/L	100
42) Toluene	10.386	91	436898	21.494	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	87290	24.623	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	56844	24.225	ug/L	94
46) Tetrachloroethene	10.861	164	93395	21.863	ug/L	94
48) 2-Hexanone	10.965	43	102099	52.375	ug/L	99
49) Dibromochloromethane	11.123	129	52770	24.298	ug/L	99
50) 1,2-Dibromoethane	11.233	107	55661	24.558	ug/L #	100
51) Chlorobenzene	11.654	112	245716	22.580	ug/L	99
52) Ethylbenzene	11.727	91	494983	21.114	ug/L	99
53) m,p-Xylene	11.837	106	184150	21.701	ug/L	99
54) o-Xylene	12.166	106	156635	21.666	ug/L	97
55) Styrene	12.178	104	255381	22.891	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	71843	23.569	ug/L	96
59) Bromoform	12.343	173	30158	28.527	ug/L	98
60) Isopropylbenzene	12.459	105	512059	23.089	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57860	26.418	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	375548	23.032	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	342230	23.363	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	168276	24.978	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	159243	23.977	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	131356	23.827	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	16241	26.921	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	110517	23.519	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	84044	24.502	ug/L	98
71) Naphthalene	15.360	128	173455	24.726	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	65351	23.375	ug/L	98

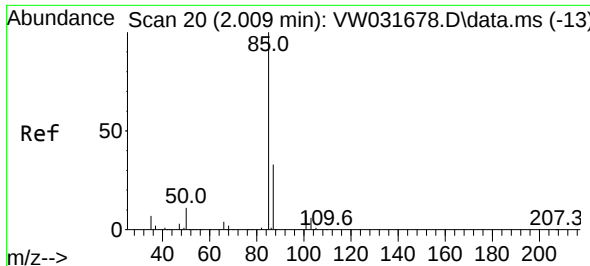
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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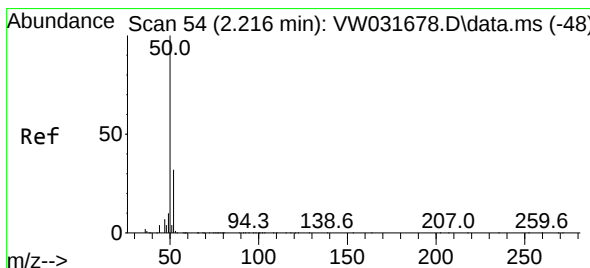
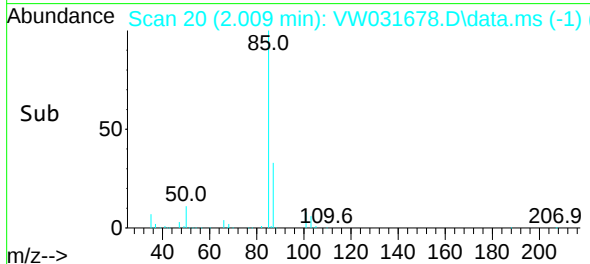
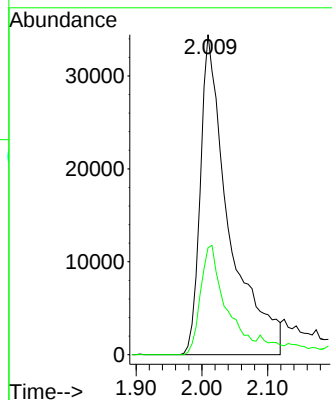
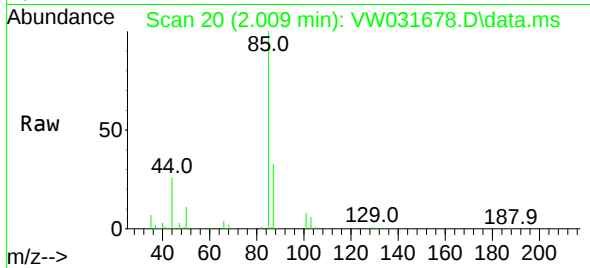




#2
Dichlorodifluoromethane
Concen: 21.580 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

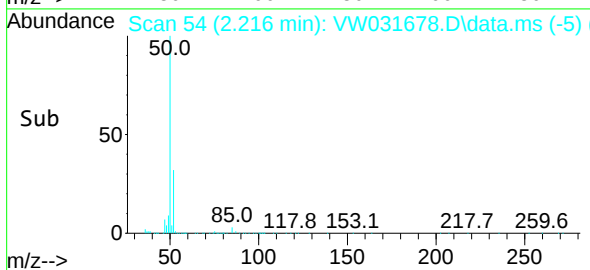
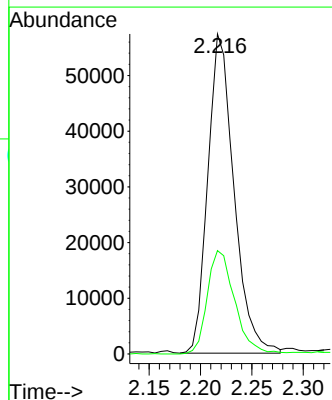
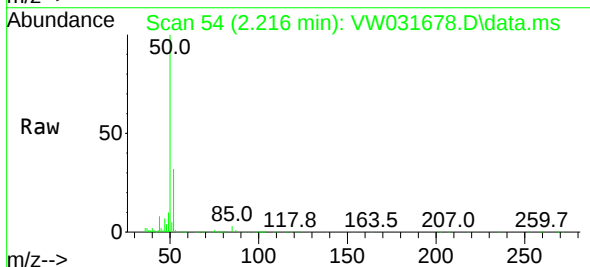
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MSVOA_W
ClientSampleId :
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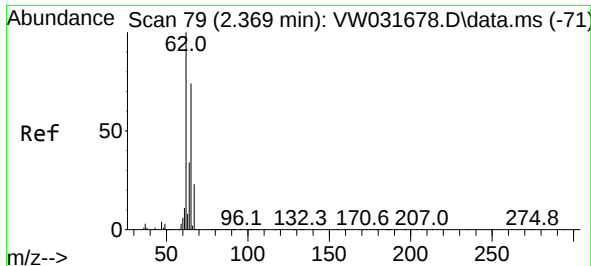
Tgt Ion: 85 Resp: 104334
Ion Ratio Lower Upper
85 100
87 30.5 19.6 29.4#



#3
Chloromethane
Concen: 22.039 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 50 Resp: 101578
Ion Ratio Lower Upper
50 100
52 32.3 24.6 45.8

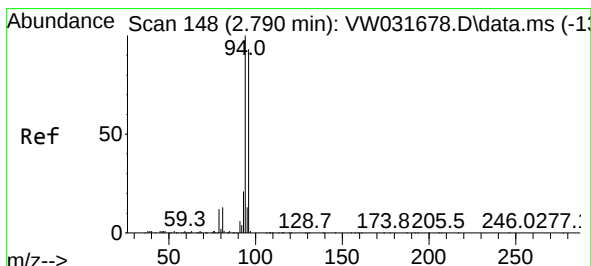
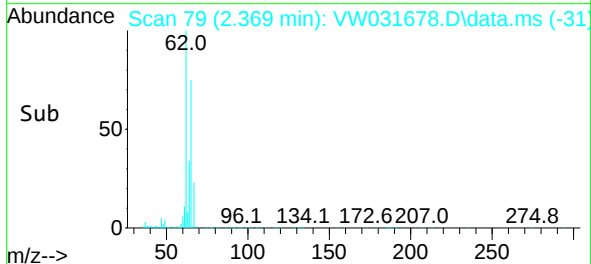
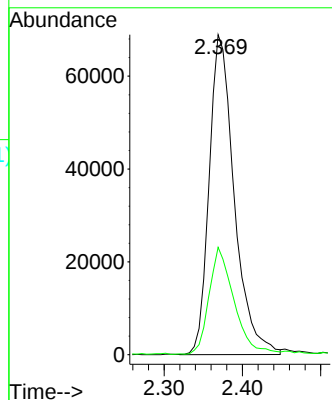
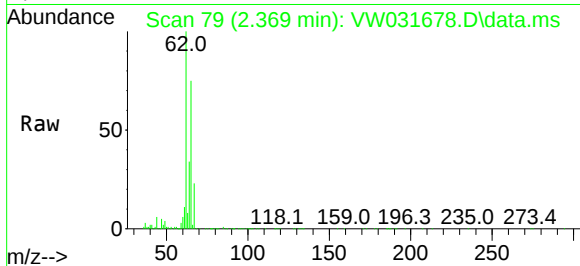




#5
 Vinyl chloride
 Concen: 24.188 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

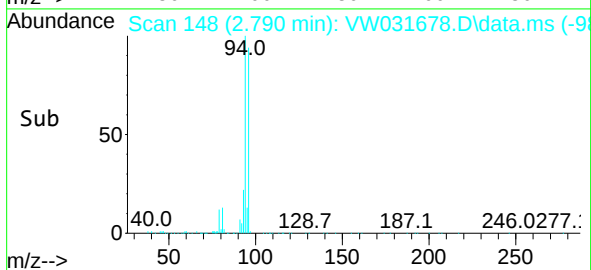
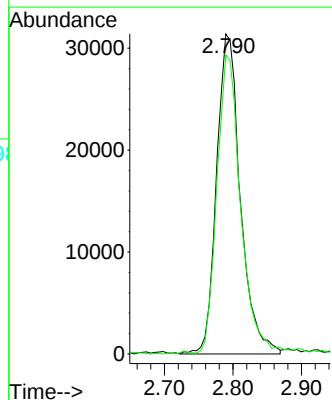
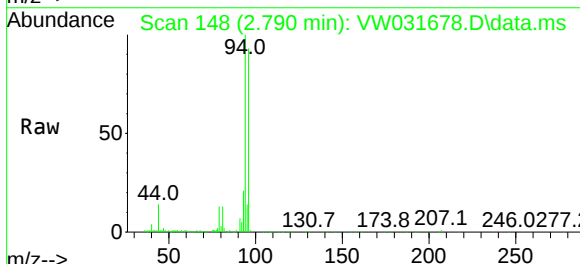
Instrument :
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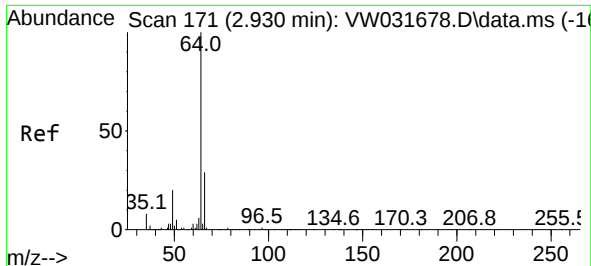
Tgt Ion: 62 Resp: 153554
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.8 44.2



#6
 Bromomethane
 Concen: 26.213 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

Tgt Ion: 94 Resp: 75607
 Ion Ratio Lower Upper
 94 100
 96 93.4 61.2 113.6

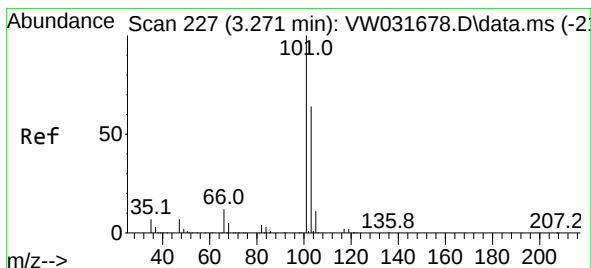
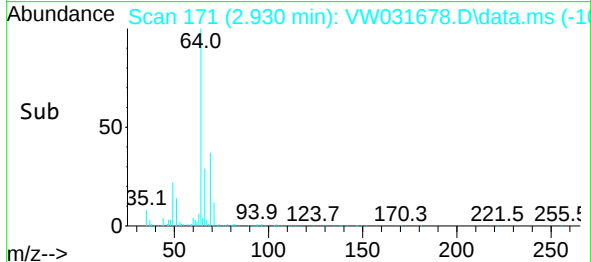
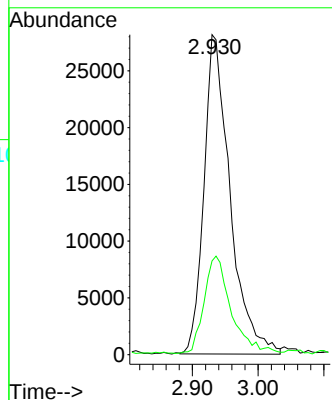
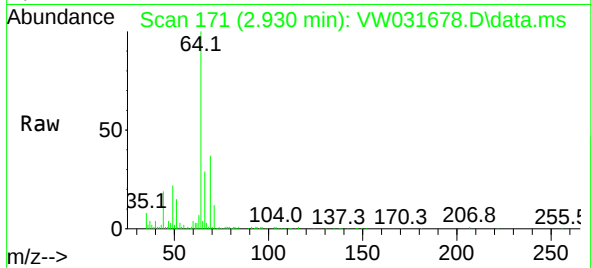




#8
Chloroethane
Concen: 25.165 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

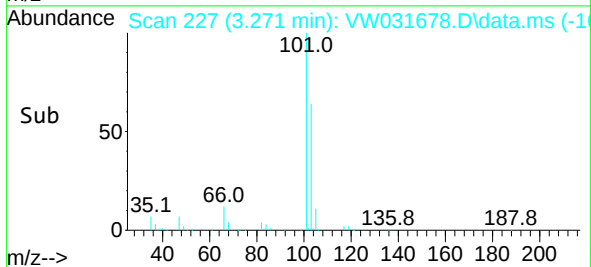
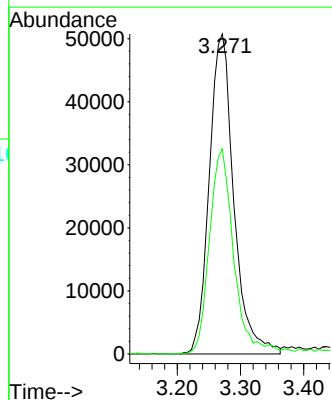
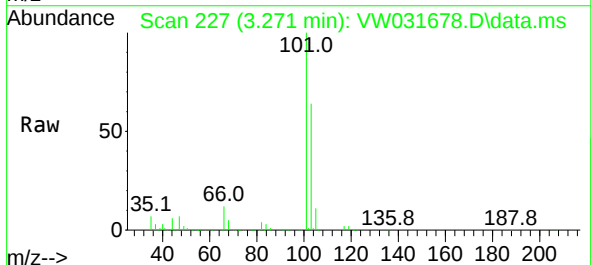
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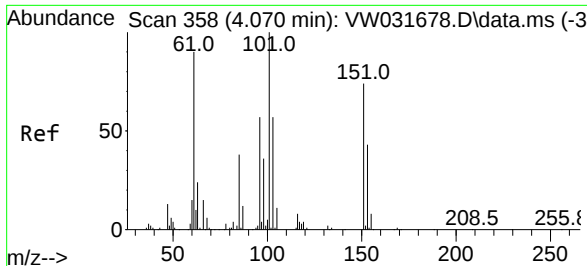
Tgt Ion: 64 Resp: 77808
Ion Ratio Lower Upper
64 100
66 29.3 24.7 45.9



#9
Trichlorofluoromethane
Concen: 27.538 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion:101 Resp: 136818
Ion Ratio Lower Upper
101 100
103 60.4 51.3 76.9

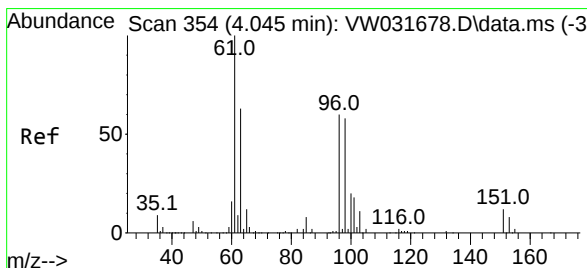
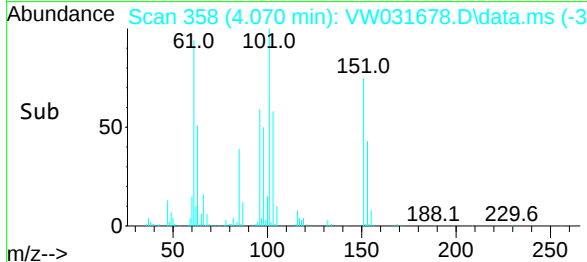
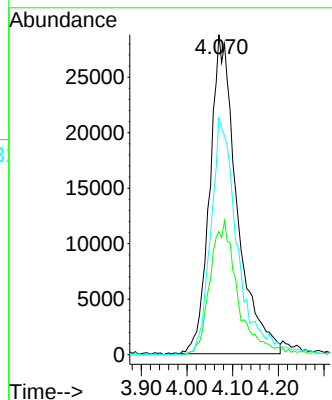
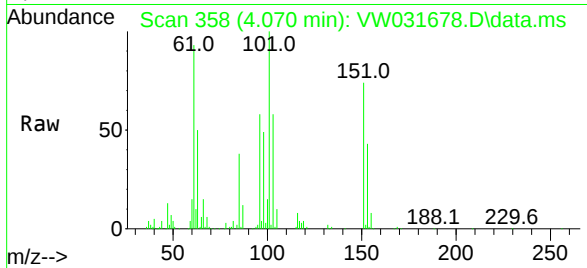




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.249 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

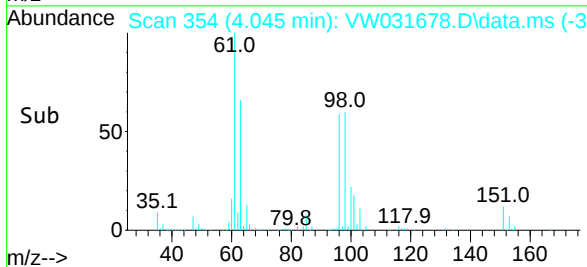
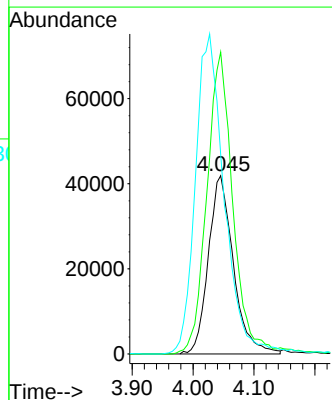
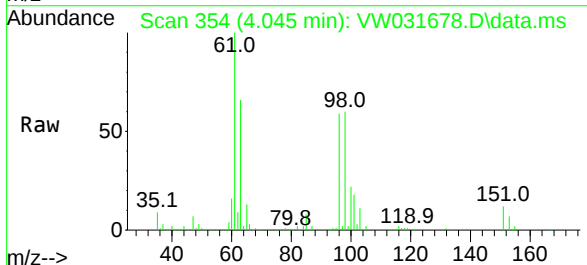
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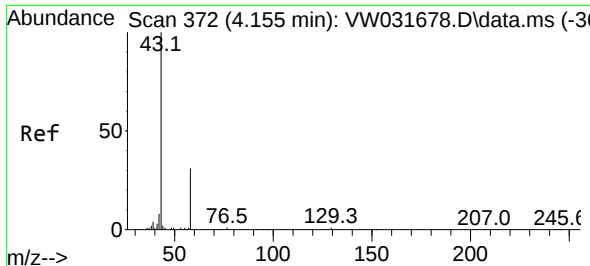
Tgt Ion:101 Resp: 118977
 Ion Ratio Lower Upper
 101 100
 85 19.4 36.3 54.5#
 151 65.5 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 22.167 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

Tgt Ion: 96 Resp: 119626
 Ion Ratio Lower Upper
 96 100
 61 169.4 117.5 218.3
 63 112.1 86.5 160.7

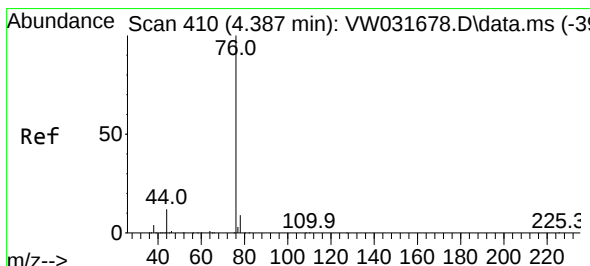
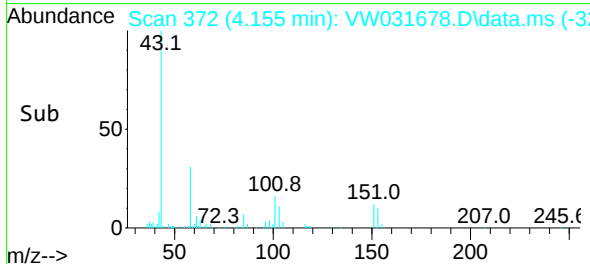
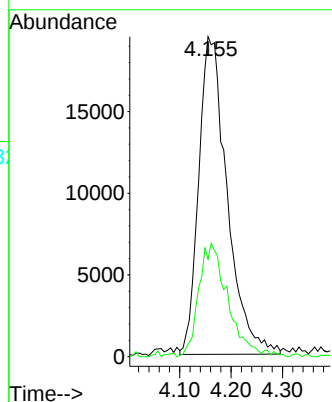
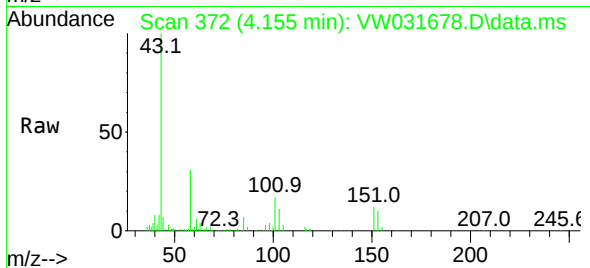




#13
Acetone
Concen: 55.258 ug/L
RT: 4.155 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031678.D
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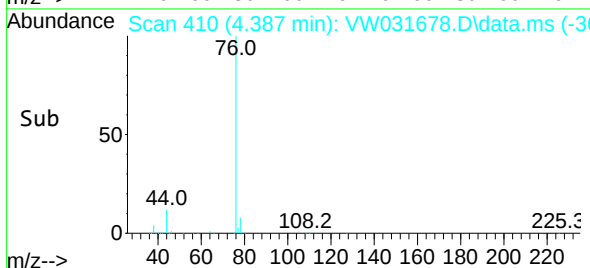
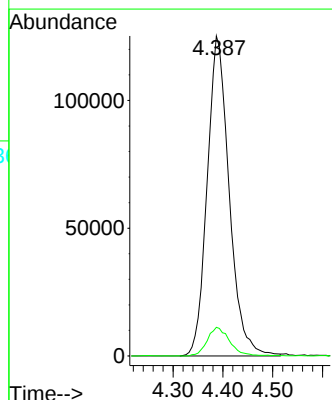
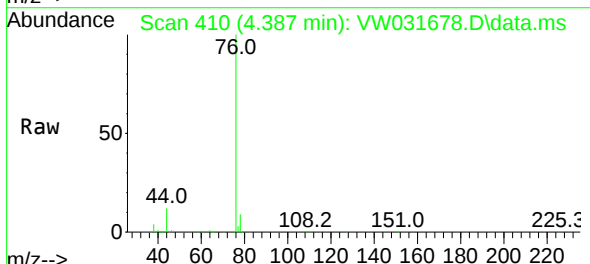
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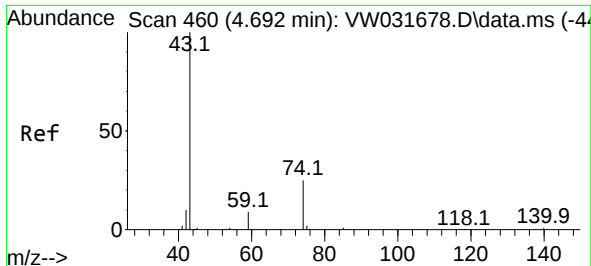
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Ion Ratio Lower Upper
43 100
58 27.4 0.0 70.2



#14
Carbon disulfide
Concen: 23.352 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 03 Feb 2025 08:33

Tgt Ion: 76 Resp: 384080
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8

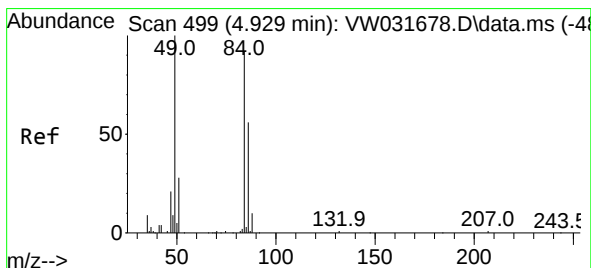
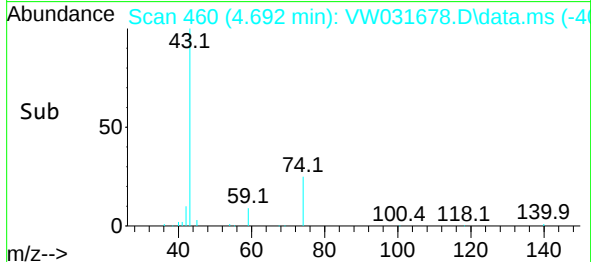
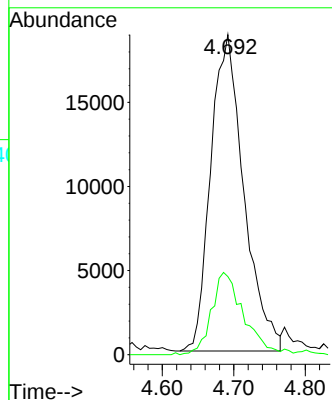
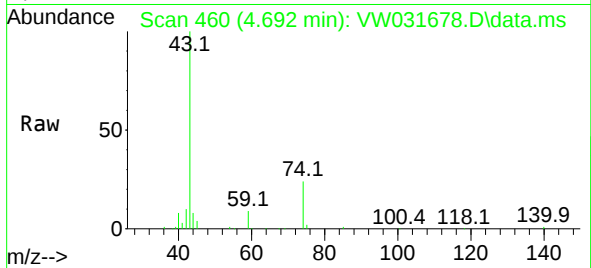




#15
Methyl Acetate
Concen: 25.478 ug/L
RT: 4.692 min Scan# 460
Delta R.T. 0.012 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

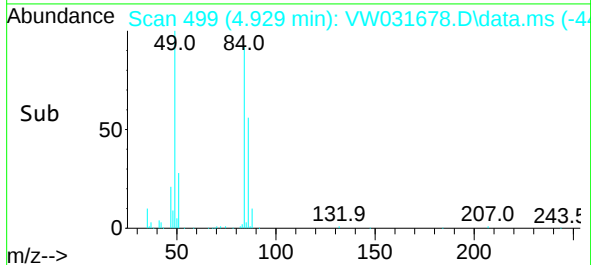
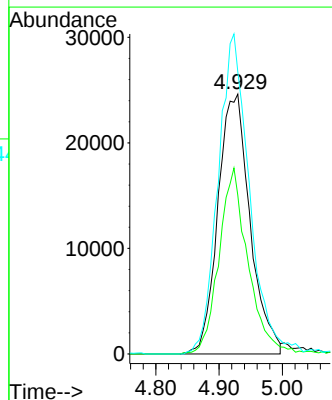
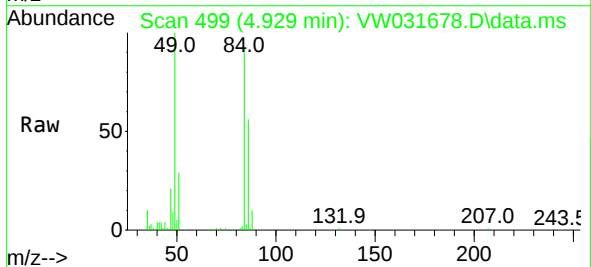
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

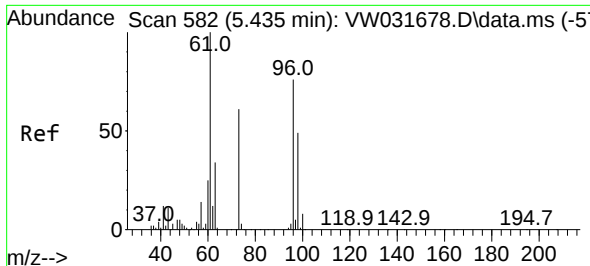
Tgt Ion: 43 Resp: 60564
Ion Ratio Lower Upper
43 100
74 24.8 0.0 0.0#



#16
Methylene chloride
Concen: 24.158 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 84 Resp: 86679
Ion Ratio Lower Upper
84 100
86 61.1 40.9 76.0
49 108.6 78.9 146.5

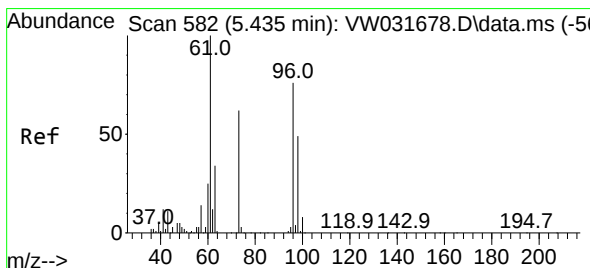
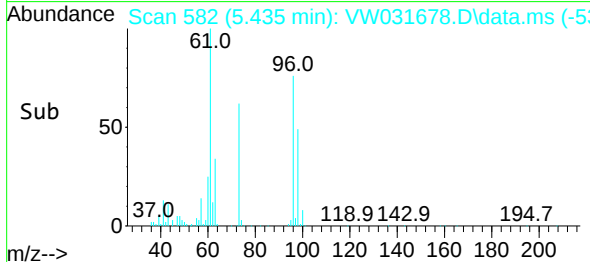
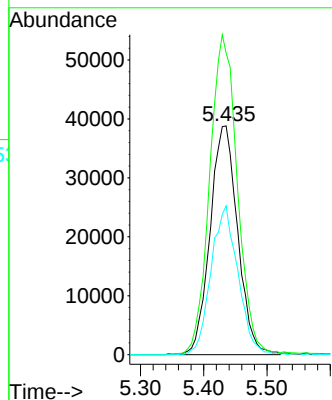
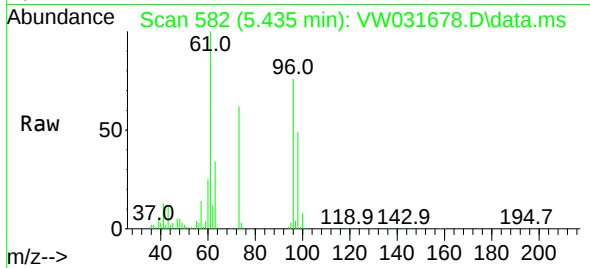




#17
trans-1,2-Dichloroethene
Concen: 21.923 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

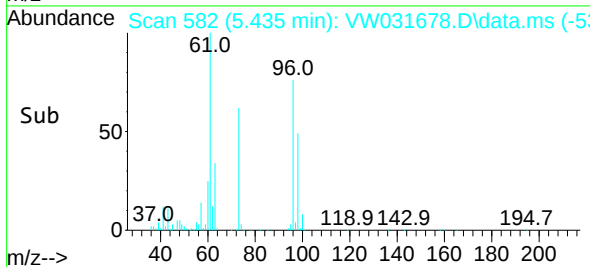
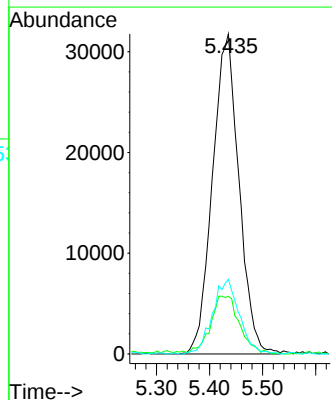
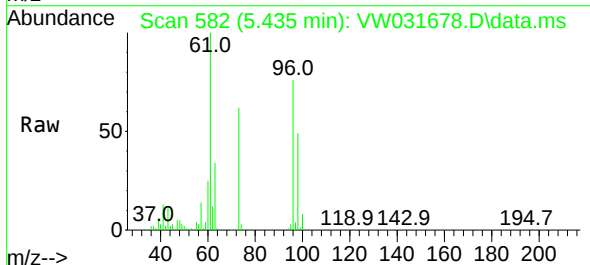
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

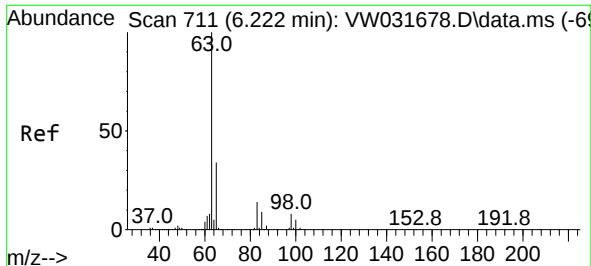
Tgt Ion: 96 Resp: 117528
Ion Ratio Lower Upper
96 100
61 131.8 90.3 167.7
98 65.0 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 23.895 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 73 Resp: 110003
Ion Ratio Lower Upper
73 100
43 0.2 15.4 23.2#
57 12.6 18.2 27.2#





#19

1,1-Dichloroethane

Concen: 23.032 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

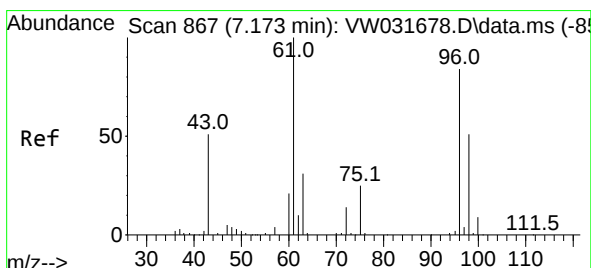
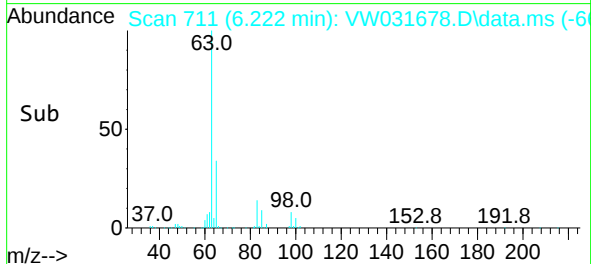
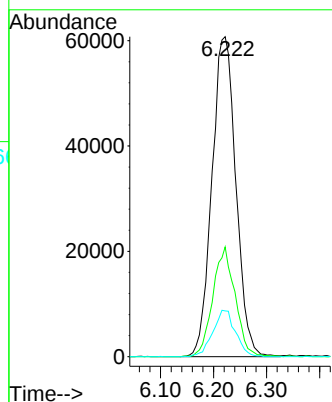
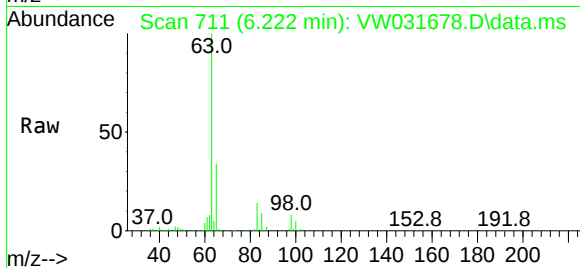
Tgt Ion: 63 Resp: 190784

Ion Ratio Lower Upper

63 100

65 34.3 21.6 40.2

83 14.3 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 23.131 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

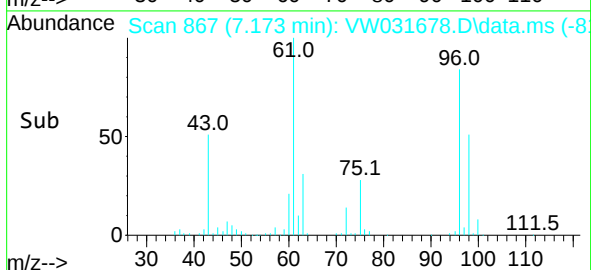
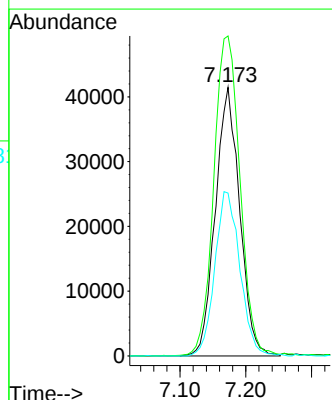
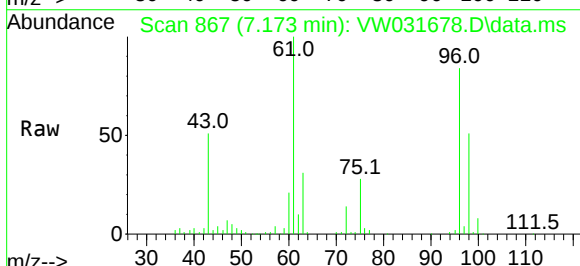
Tgt Ion: 96 Resp: 106928

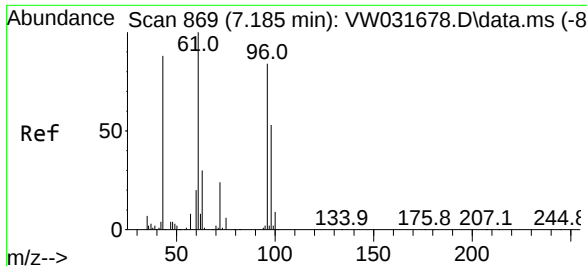
Ion Ratio Lower Upper

96 100

61 119.1 87.4 162.4

98 60.6 44.4 82.4

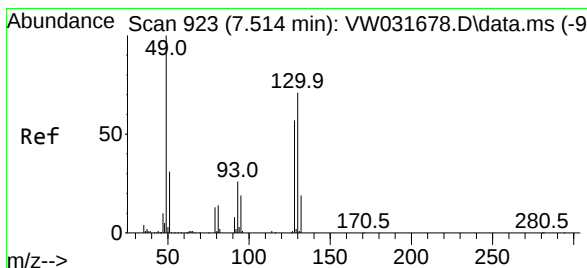
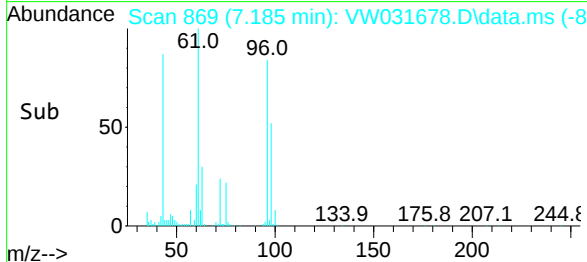
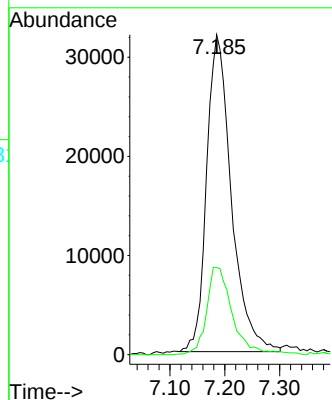
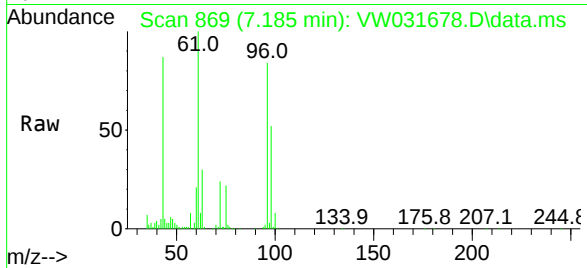




#22
2-Butanone
Concen: 49.718 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

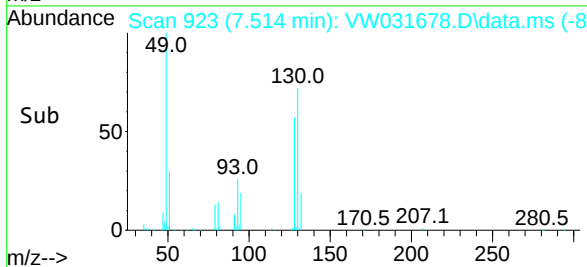
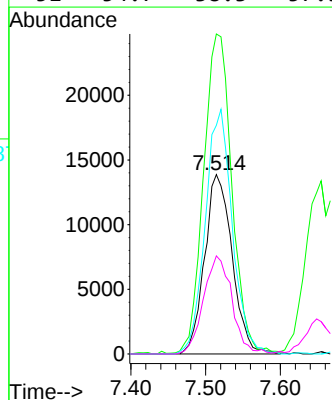
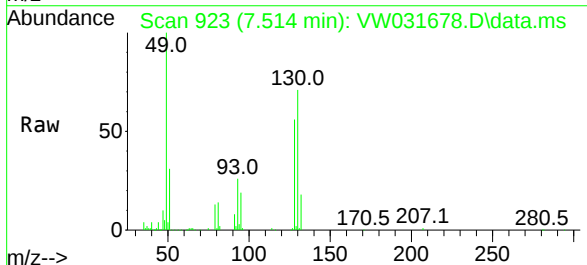
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

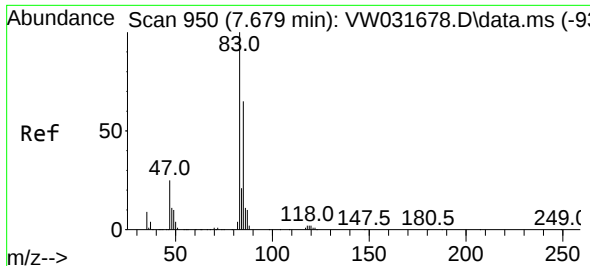
Tgt Ion: 43 Resp: 100085
Ion Ratio Lower Upper
43 100
72 26.6 13.8 41.4



#23
Bromochloromethane
Concen: 23.711 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 128 Resp: 35521
Ion Ratio Lower Upper
128 100
49 178.4 112.2 208.4
130 127.5 85.9 159.5
51 54.7 38.3 57.5

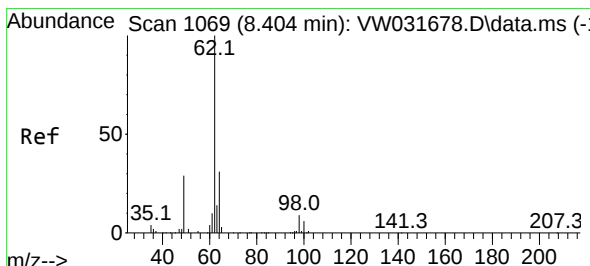
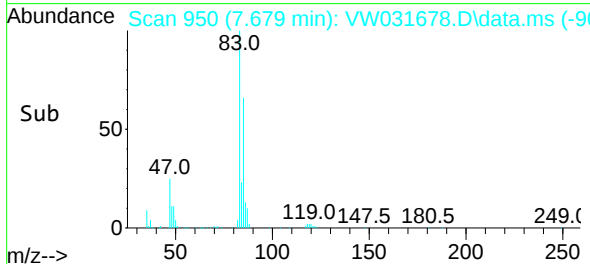
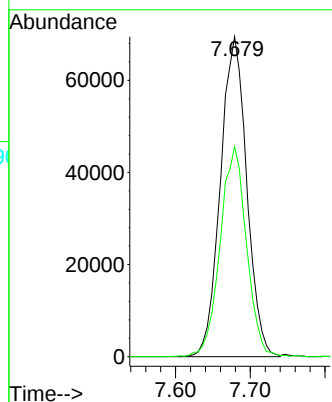
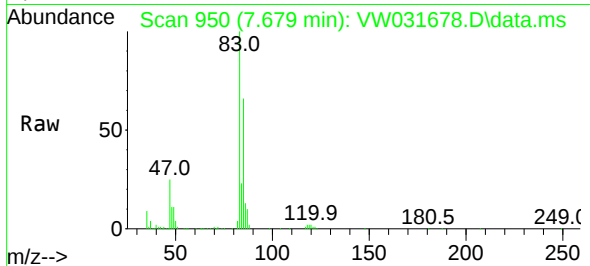




#25
Chloroform
Concen: 23.067 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

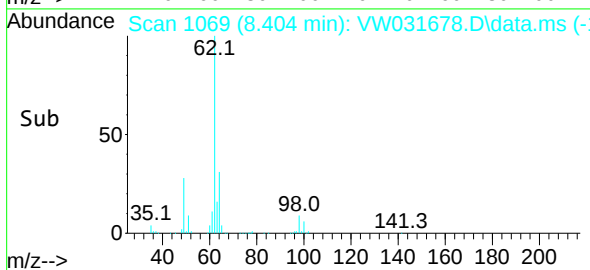
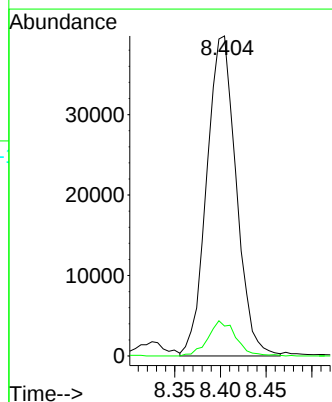
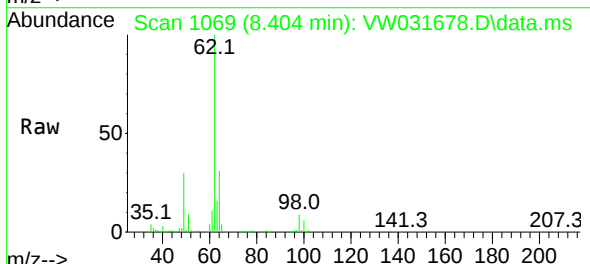
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

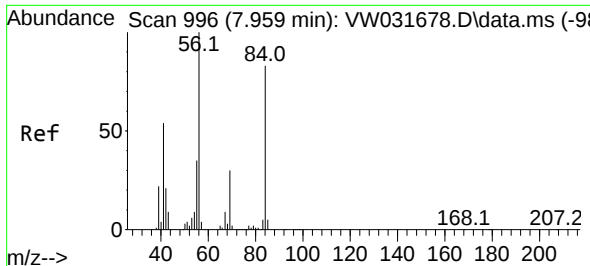
Tgt Ion: 83 Resp: 170048
Ion Ratio Lower Upper
83 100
85 65.6 48.4 89.8



#27
1,2-Dichloroethane
Concen: 25.005 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 62 Resp: 89153
Ion Ratio Lower Upper
62 100
98 9.3 8.3 12.5

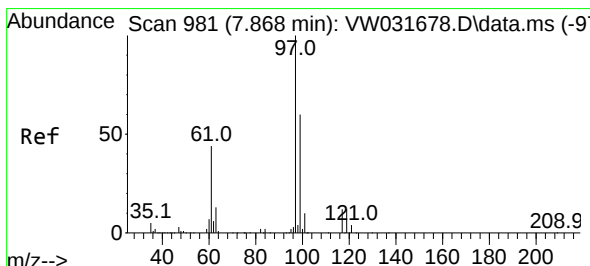
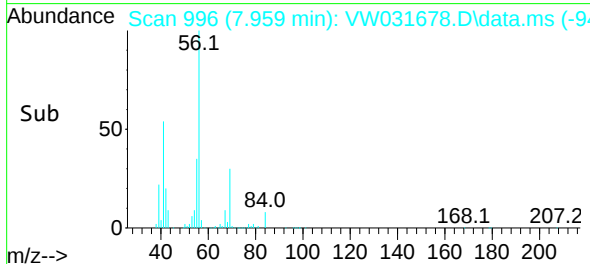
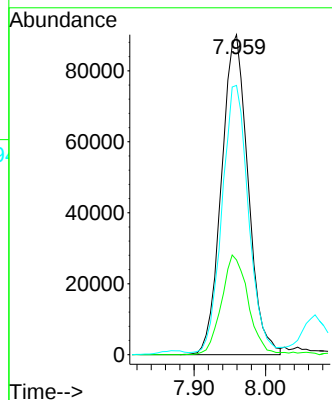
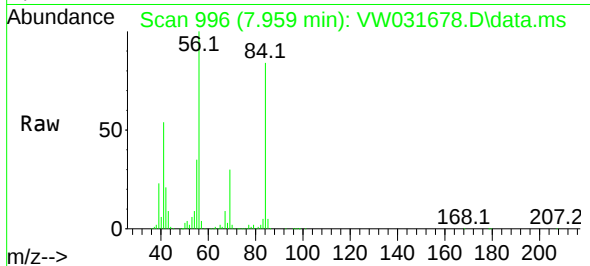




#29
Cyclohexane
Concen: 20.834 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

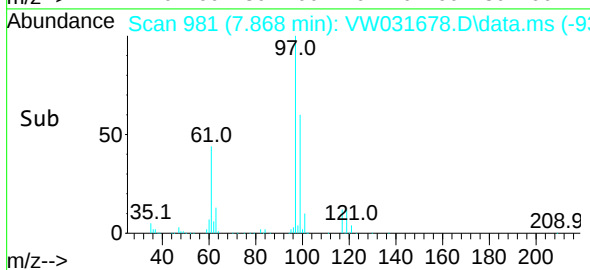
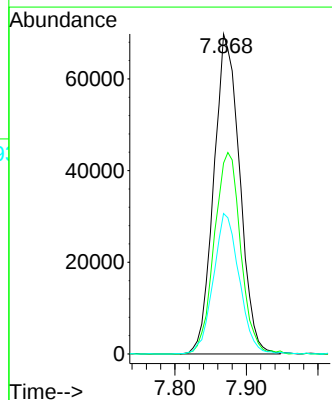
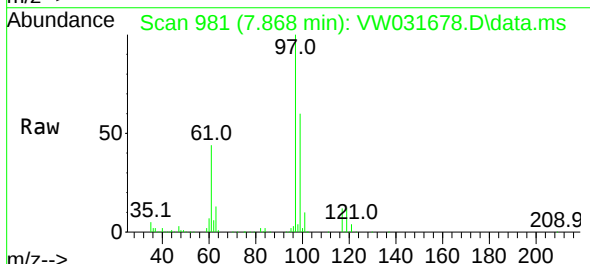
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

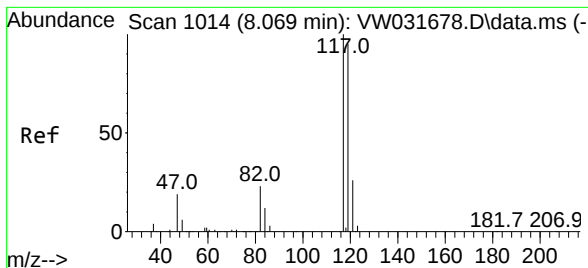
Tgt Ion: 56 Resp: 232921
Ion Ratio Lower Upper
56 100
69 31.1 24.2 36.4
84 83.6 67.8 101.8



#30
1,1,1-Trichloroethane
Concen: 22.697 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 97 Resp: 175397
Ion Ratio Lower Upper
97 100
99 64.2 52.6 79.0
61 43.9 35.4 53.2

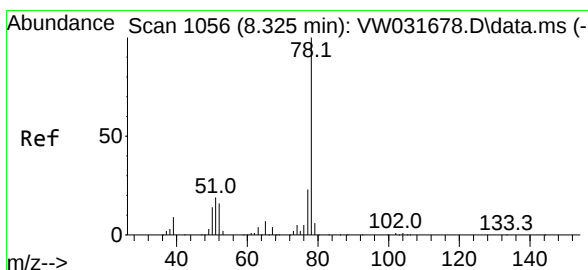
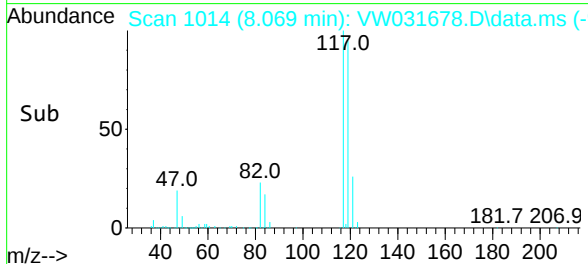
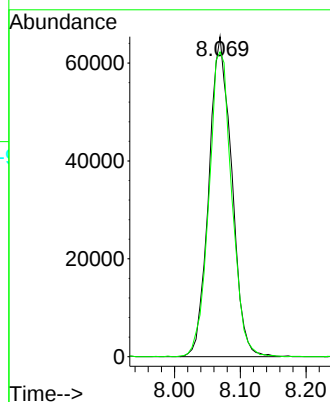
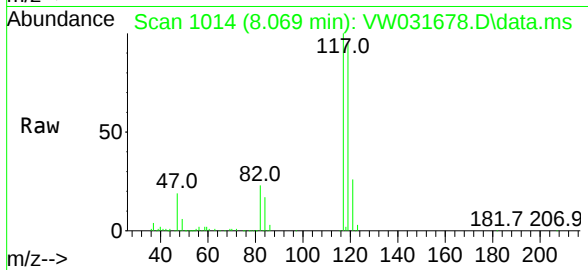




#31
Carbon tetrachloride
Concen: 21.762 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

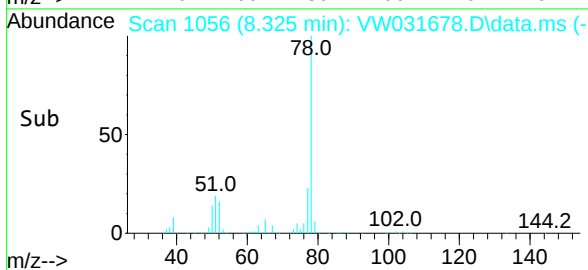
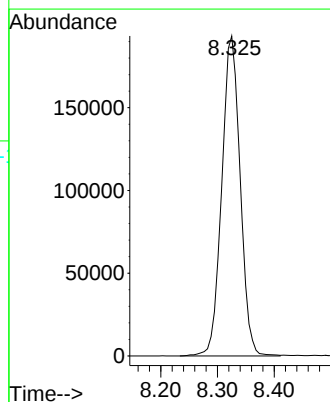
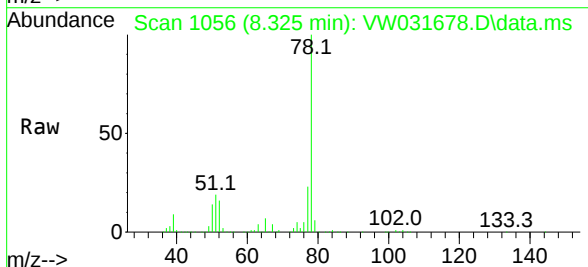
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

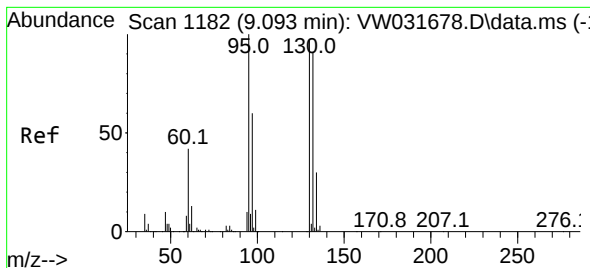
Tgt Ion:117 Resp: 158061
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 22.386 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 78 Resp: 436033





#34

Trichloroethene

Concen: 21.223 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

Tgt Ion: 95 Resp: 121939

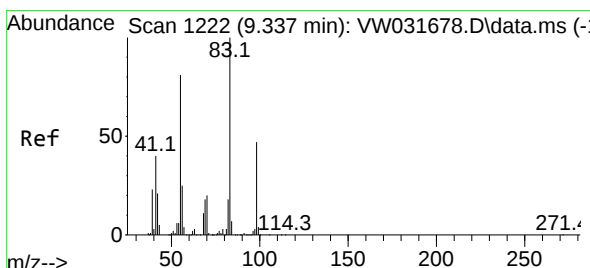
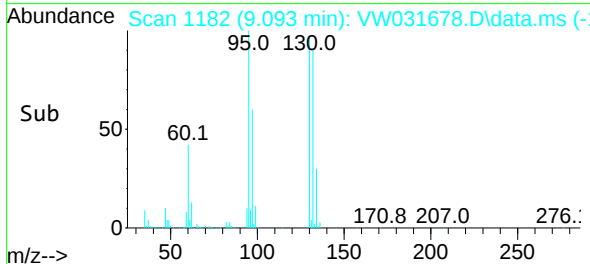
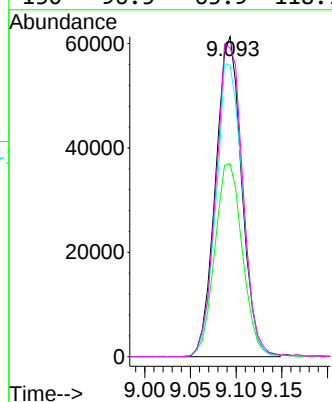
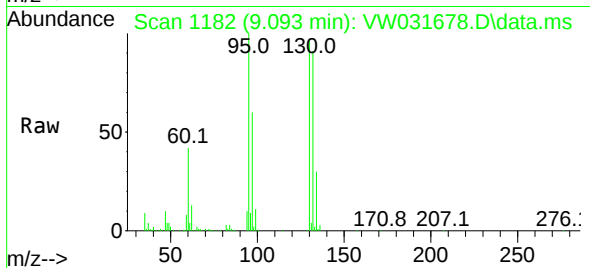
Ion Ratio Lower Upper

95 100

97 60.3 41.9 77.7

132 91.1 63.3 117.7

130 96.5 63.9 118.7



#35

Methylcyclohexane

Concen: 21.255 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

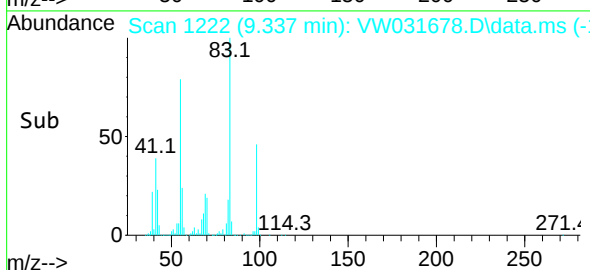
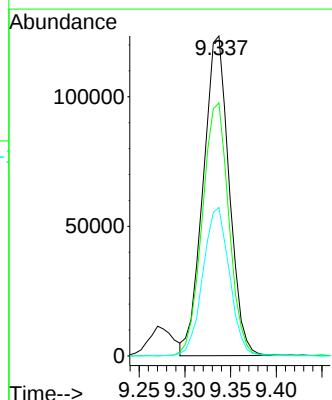
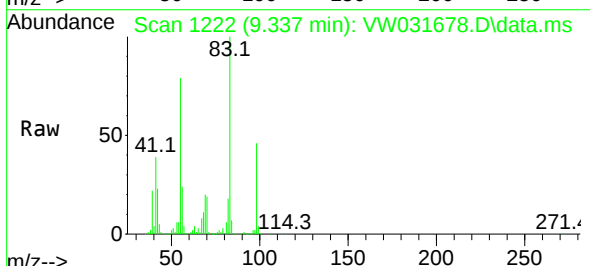
Tgt Ion: 83 Resp: 243657

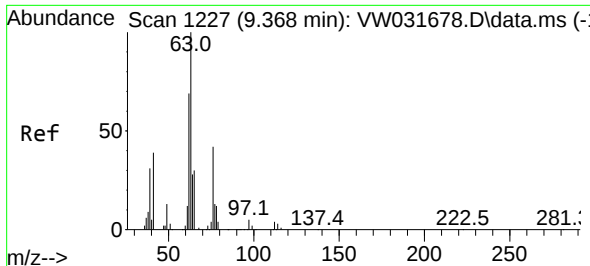
Ion Ratio Lower Upper

83 100

55 81.2 61.5 92.3

98 47.6 38.2 57.2





#37

1,2-Dichloropropane

Concen: 22.905 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

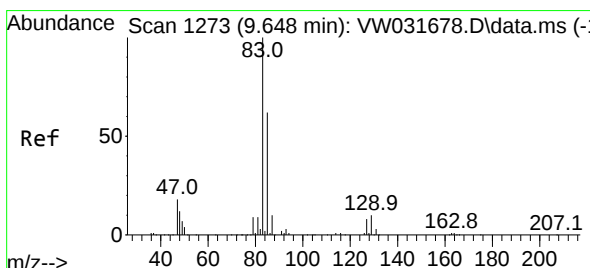
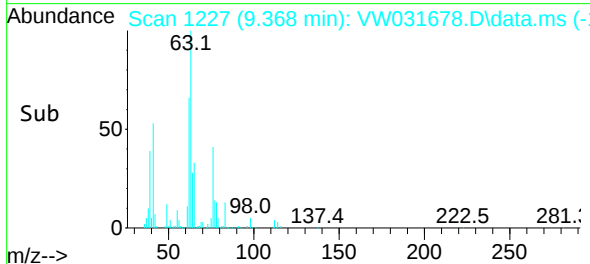
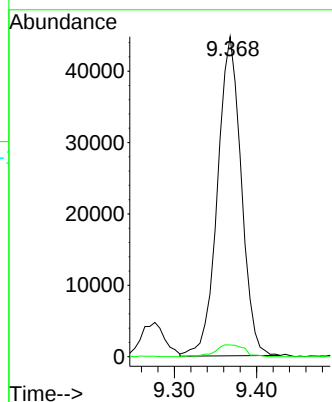
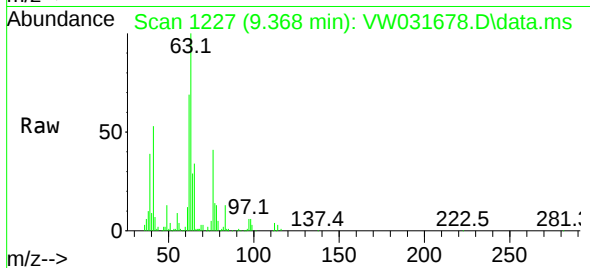
VSTD025493

Tgt Ion: 63 Resp: 89836

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 23.515 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

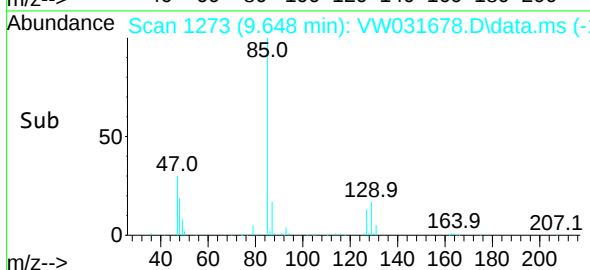
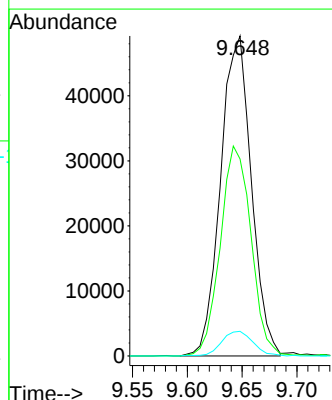
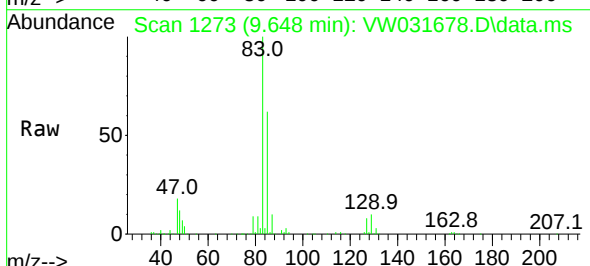
Tgt Ion: 83 Resp: 96044

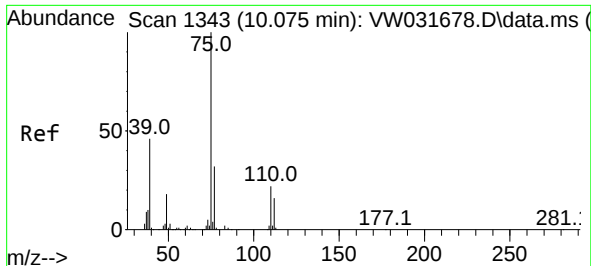
Ion Ratio Lower Upper

83 100

85 61.6 44.2 82.0

127 7.7 5.5 8.3

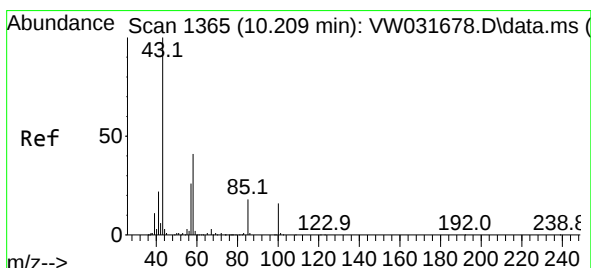
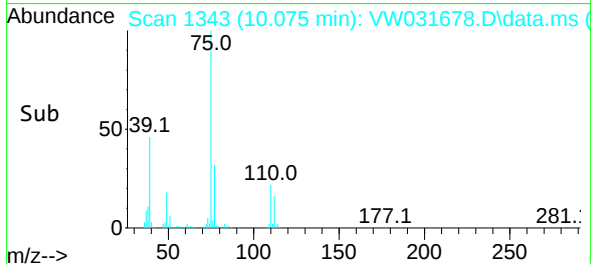
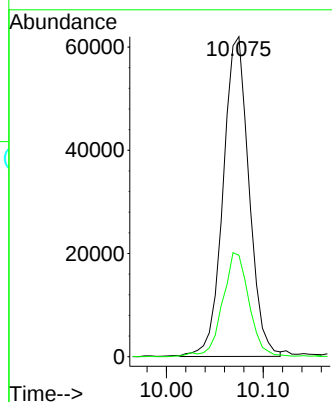
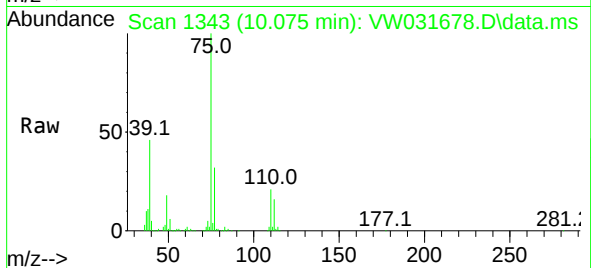




#39
 cis-1,3-Dichloropropene
 Concen: 23.634 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

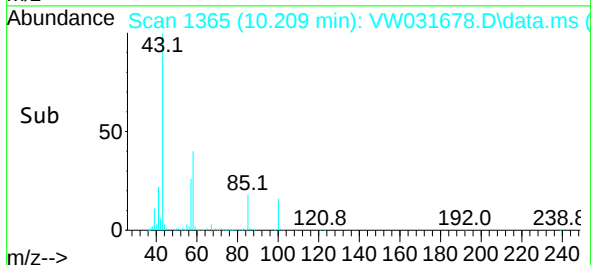
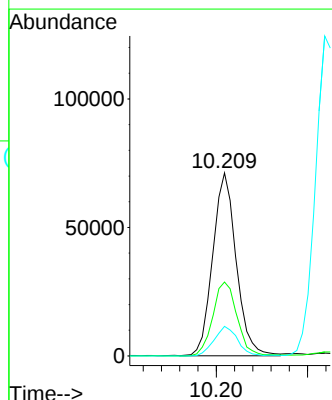
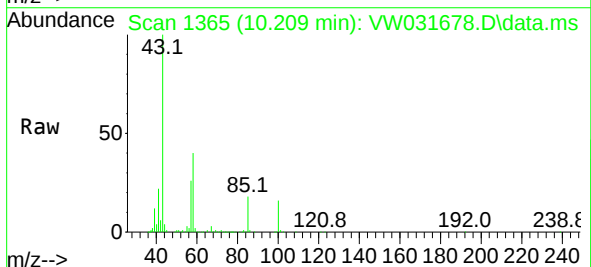
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

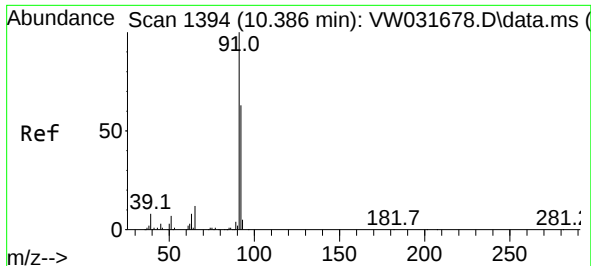
Tgt Ion: 75 Resp: 115161
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 49.076 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

Tgt Ion: 43 Resp: 127339
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.5 50.3
 100 16.1 12.9 19.3

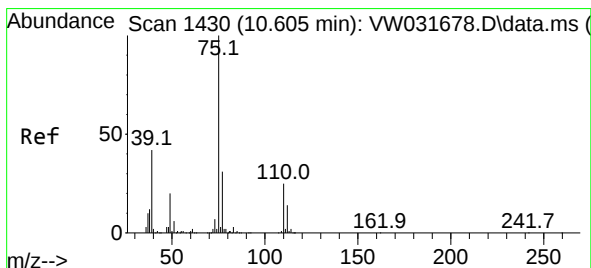
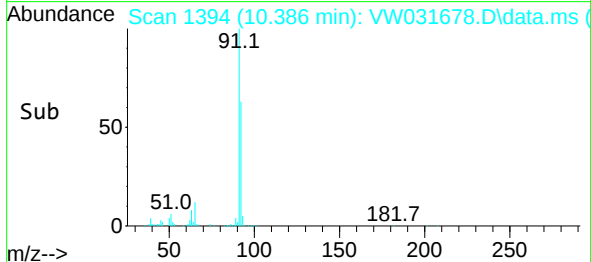
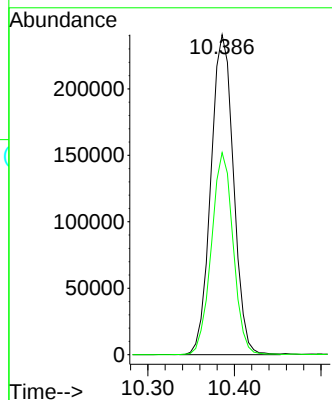
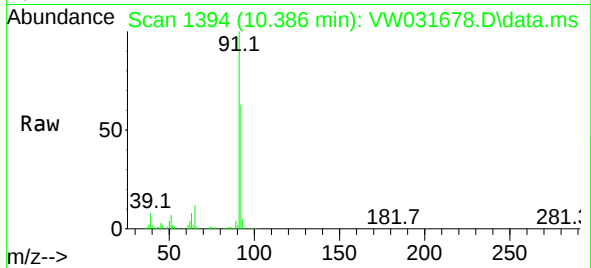




#42
Toluene
Concen: 21.494 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

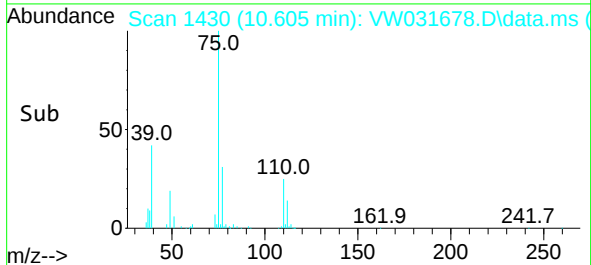
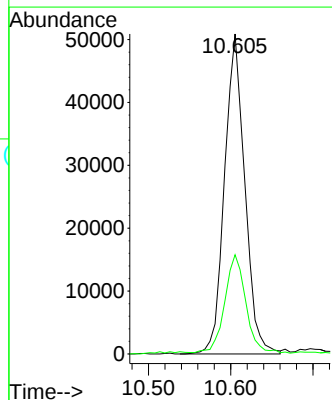
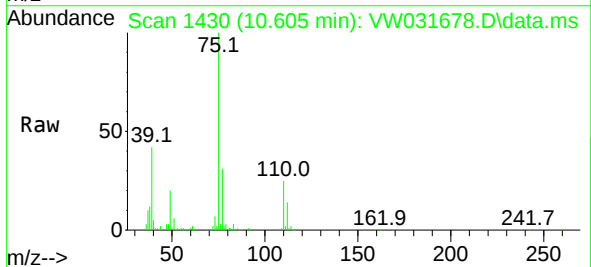
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

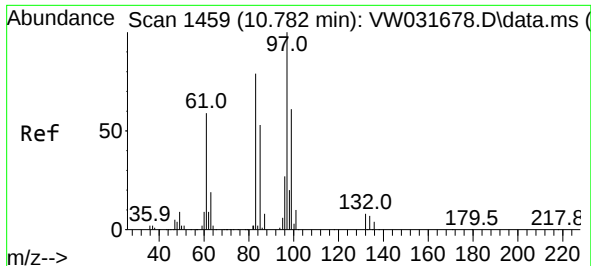
Tgt Ion: 91 Resp: 436898
Ion Ratio Lower Upper
91 100
92 63.1 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 24.623 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 75 Resp: 87290
Ion Ratio Lower Upper
75 100
77 31.0 22.1 41.1

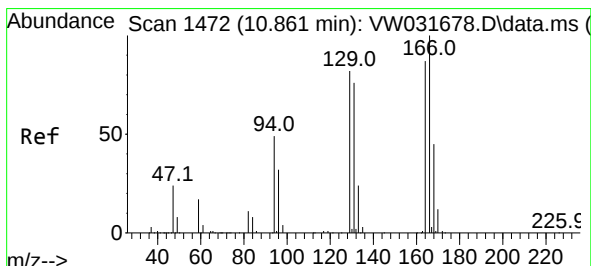
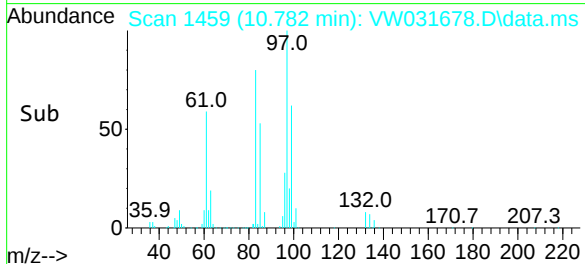
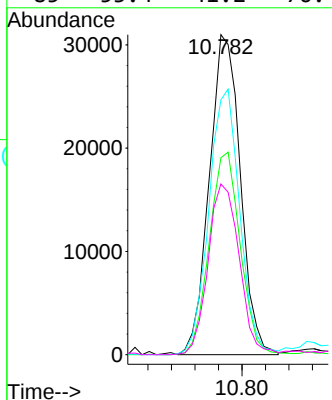
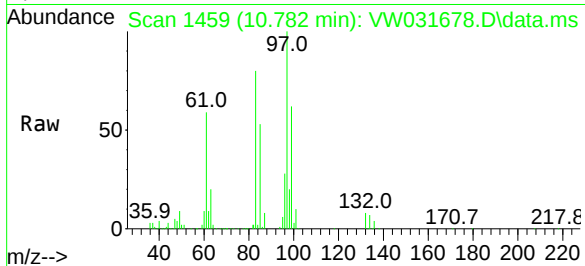




#45
1,1,2-Trichloroethane
Concen: 24.225 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

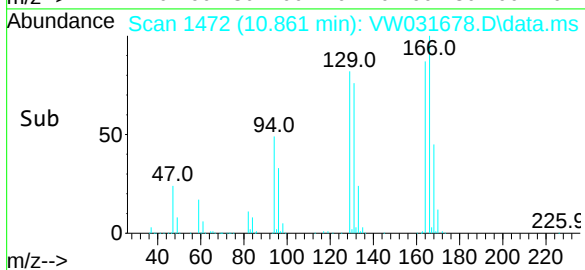
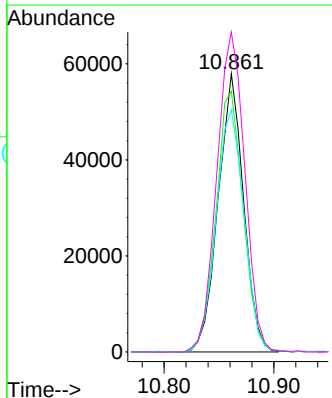
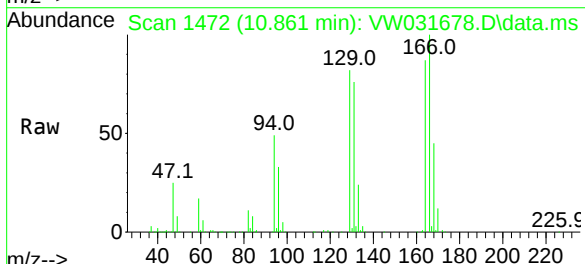
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

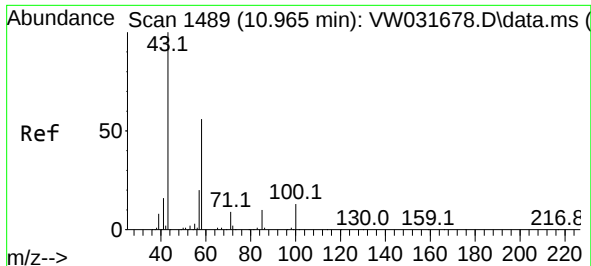
Tgt Ion: 97	Resp: 56844
Ion Ratio	Lower Upper
97 100	
99 61.6	44.9 83.5
83 79.7	60.7 112.7
85 53.4	41.2 76.4



#46
Tetrachloroethene
Concen: 21.863 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt	Ion:164	Resp:	93395
Ion	Ratio	Lower	Upper
164	100		
129	93.7	68.5	127.3
131	87.0	65.9	122.5
166	115.0	85.5	158.7

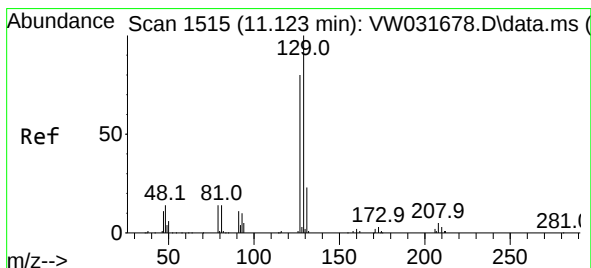
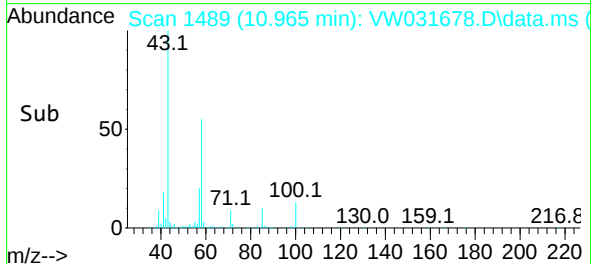
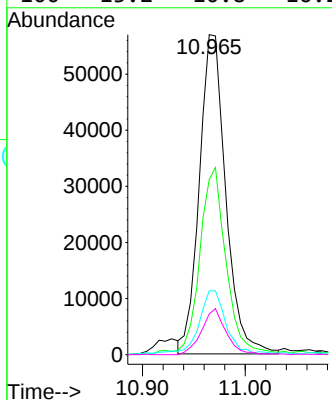
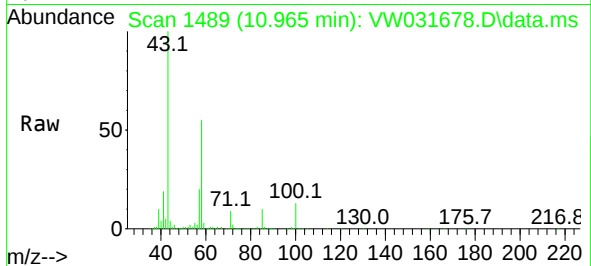




#48
2-Hexanone
Concen: 52.375 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

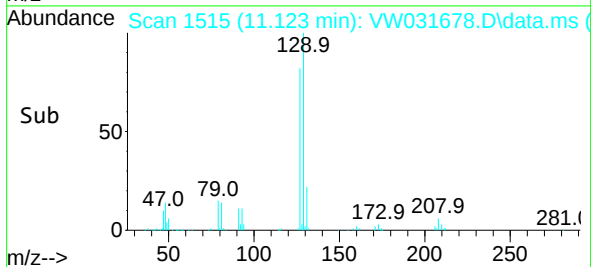
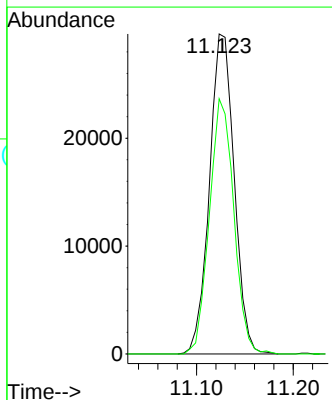
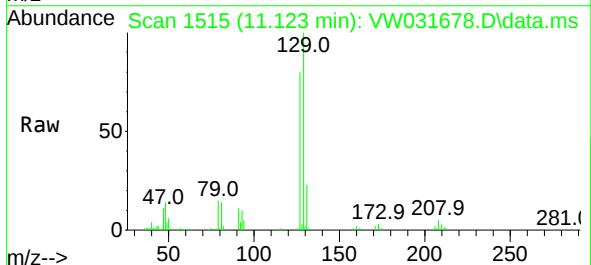
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

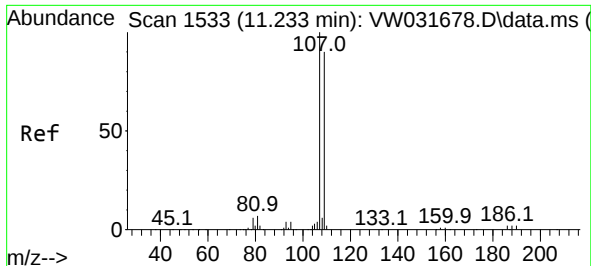
Tgt Ion: 43 Resp: 102099
Ion Ratio Lower Upper
43 100
58 56.6 46.0 69.0
57 20.8 16.4 24.6
100 13.2 10.8 16.2



#49
Dibromochloromethane
Concen: 24.298 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion:129 Resp: 52770
Ion Ratio Lower Upper
129 100
127 79.7 56.4 104.7





#50

1,2-Dibromoethane

Concen: 24.558 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

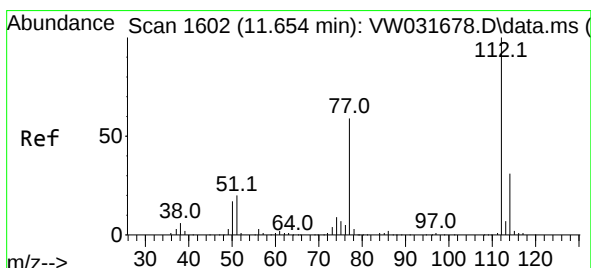
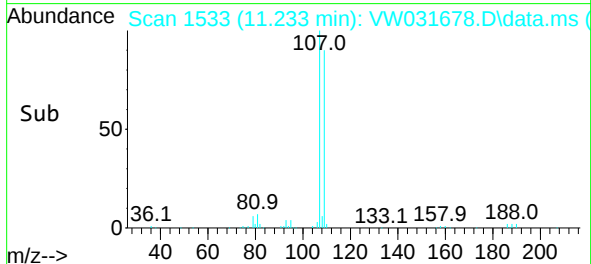
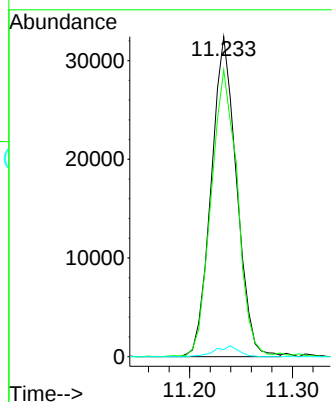
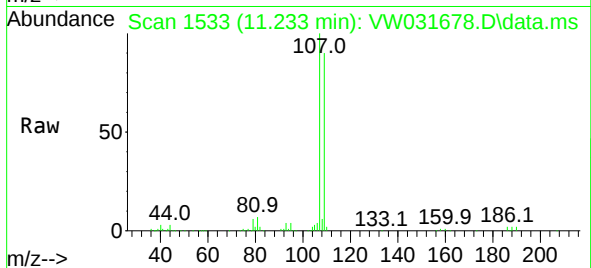
Tgt Ion:107 Resp: 55661

Ion Ratio Lower Upper

107 100

109 89.6 62.9 116.7

188 2.2 3.0 4.4#



#51

Chlorobenzene

Concen: 22.580 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

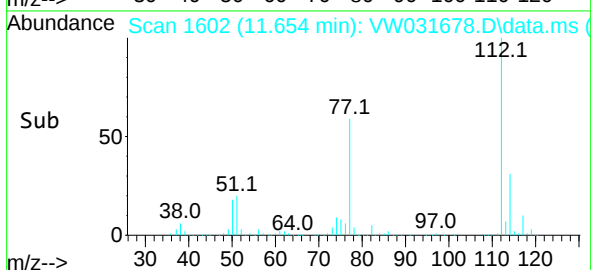
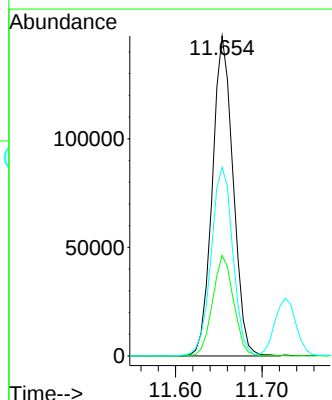
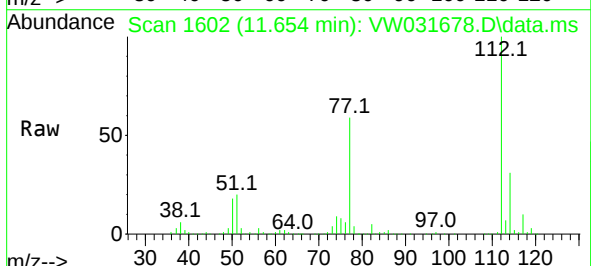
Tgt Ion:112 Resp: 245716

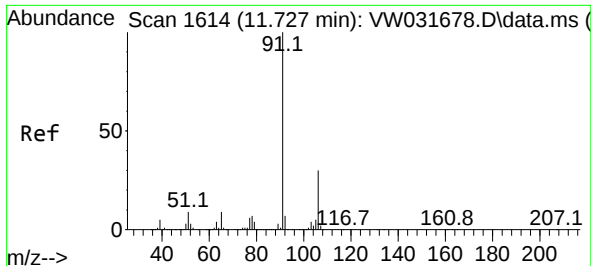
Ion Ratio Lower Upper

112 100

114 31.4 21.1 39.3

77 58.9 46.6 69.8





#52

Ethylbenzene

Concen: 21.114 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

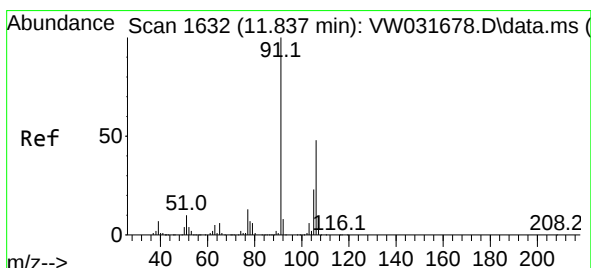
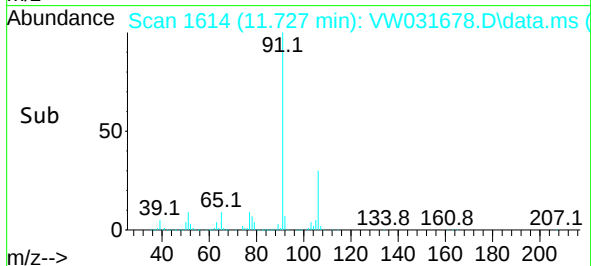
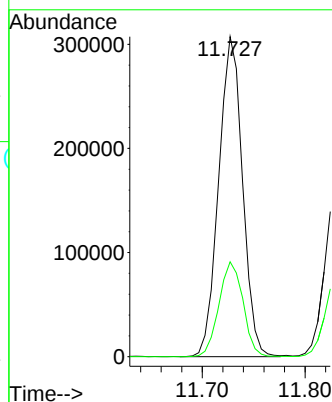
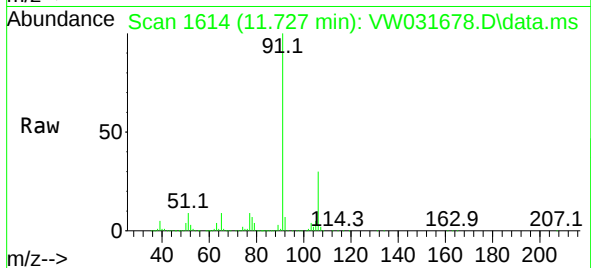
VSTD025493

Tgt Ion: 91 Resp: 494983

Ion Ratio Lower Upper

91 100

106 29.7 21.3 39.5



#53

m,p-Xylene

Concen: 21.701 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031678.D

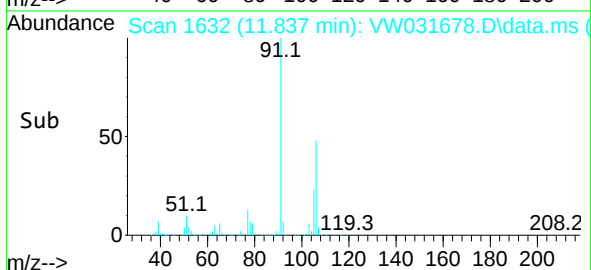
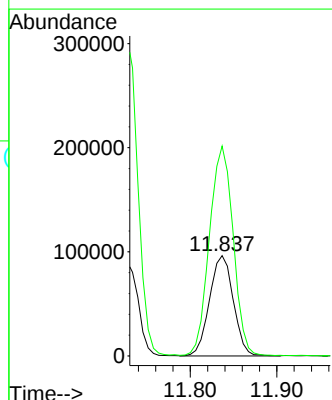
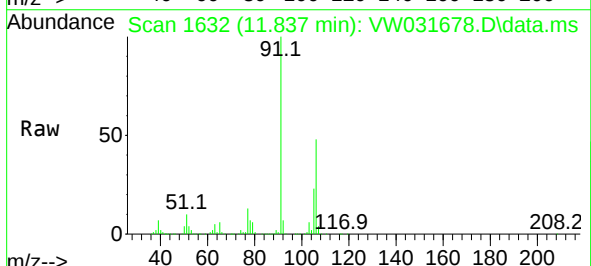
Acq: 03 Feb 2025 08:33

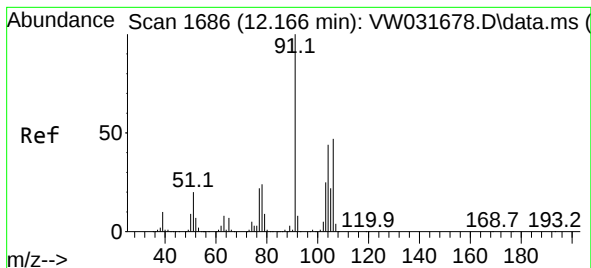
Tgt Ion:106 Resp: 184150

Ion Ratio Lower Upper

106 100

91 209.3 147.2 273.4





#54

o-Xylene

Concen: 21.666 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

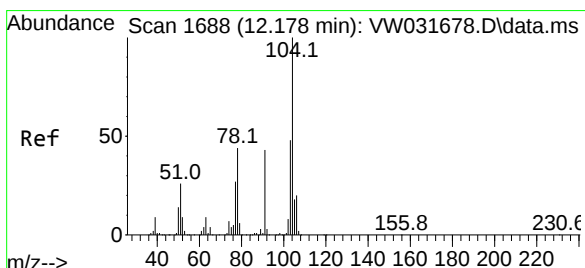
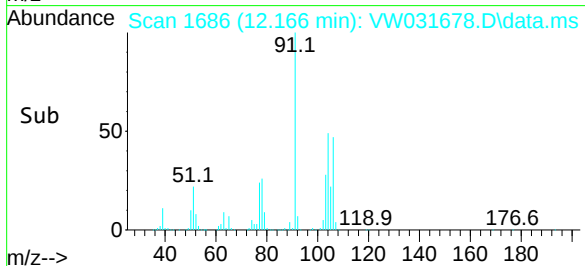
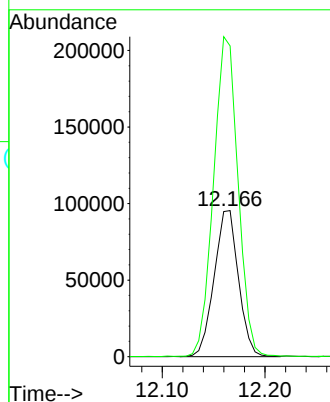
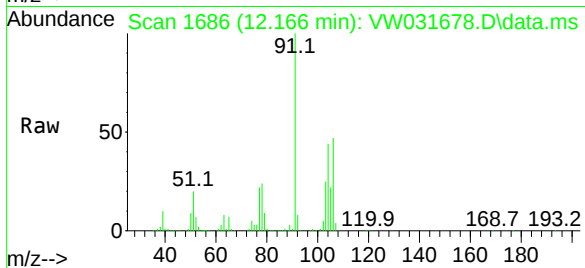
VSTD025493

Tgt Ion:106 Resp: 156635

Ion Ratio Lower Upper

106 100

91 212.7 152.7 283.7



#55

Styrene

Concen: 22.891 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031678.D

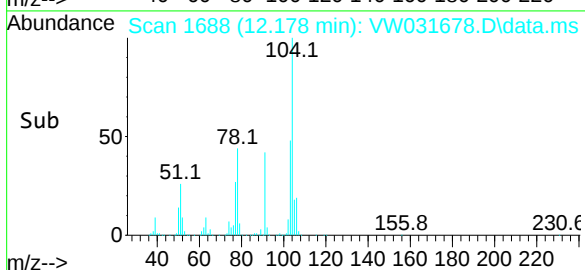
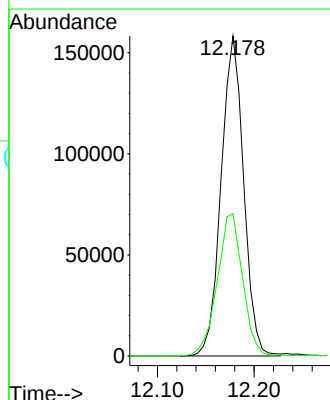
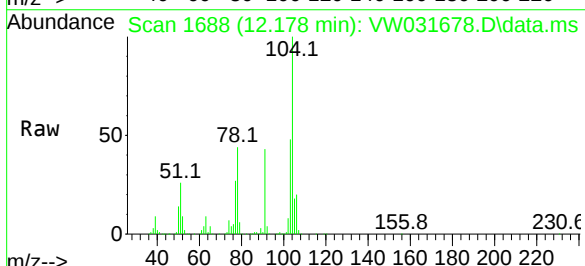
Acq: 03 Feb 2025 08:33

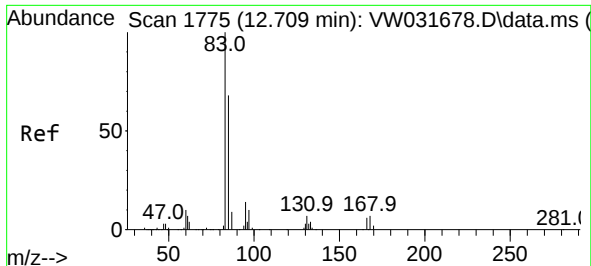
Tgt Ion:104 Resp: 255381

Ion Ratio Lower Upper

104 100

78 44.5 29.0 53.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.569 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

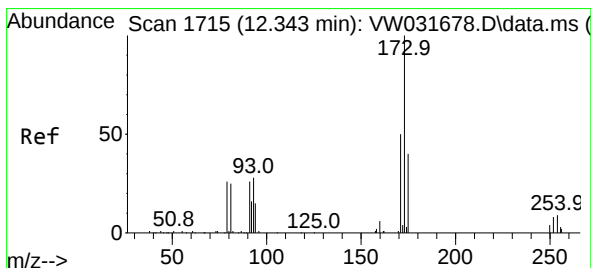
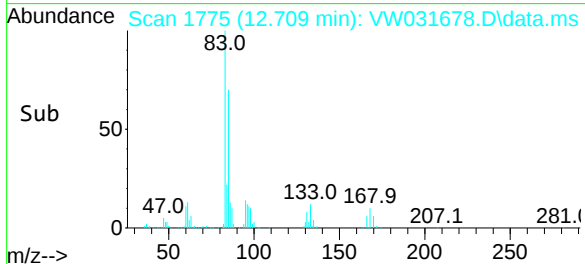
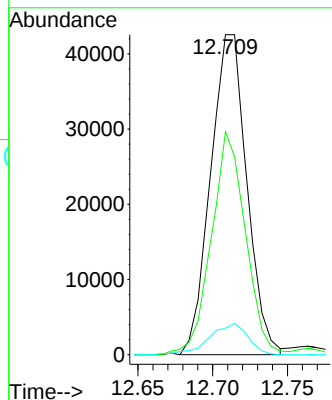
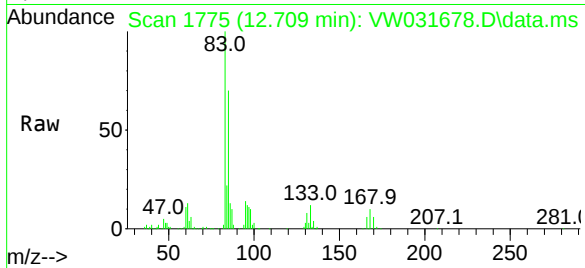
Tgt Ion: 83 Resp: 71843

Ion Ratio Lower Upper

83 100

85 69.8 46.3 86.1

131 8.3 7.1 10.7



#59

Bromoform

Concen: 28.527 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

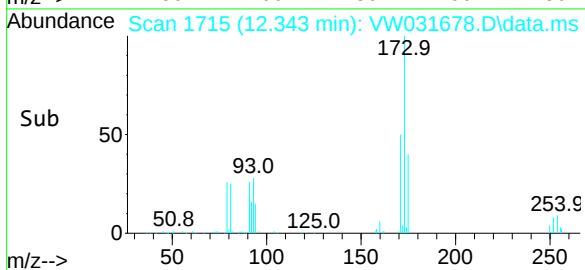
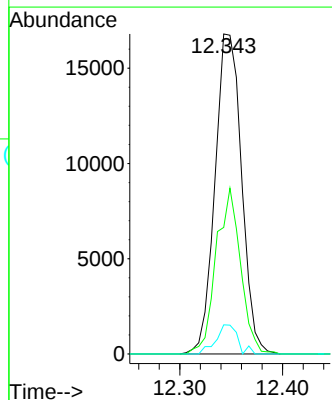
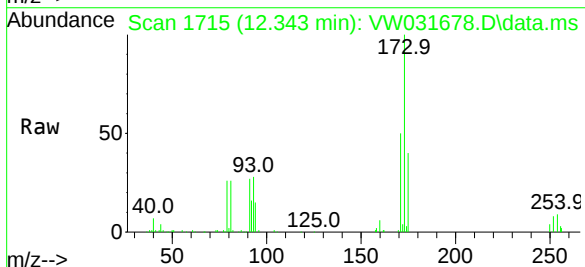
Tgt Ion: 173 Resp: 30158

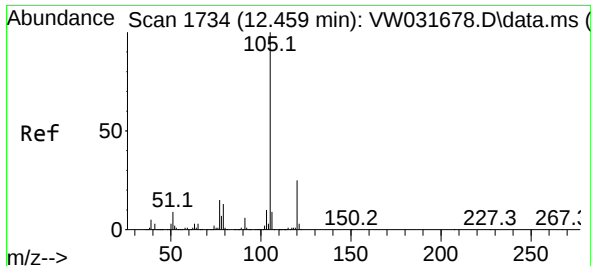
Ion Ratio Lower Upper

173 100

175 47.5 37.3 55.9

254 7.0 6.9 10.3

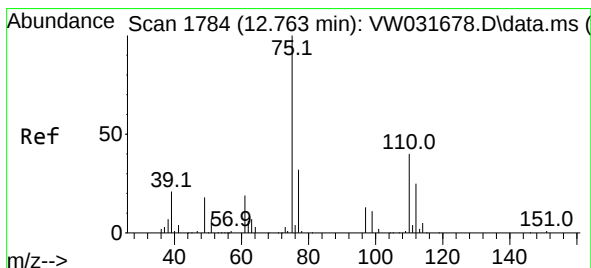
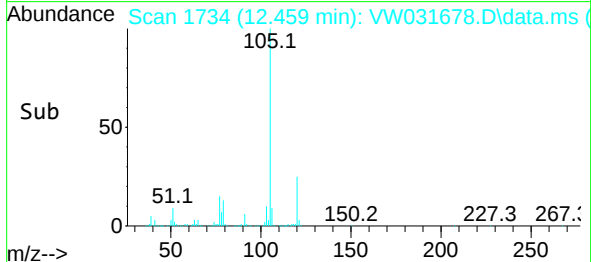
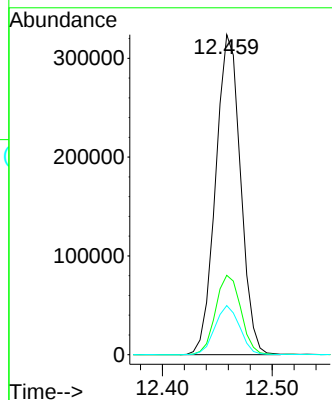
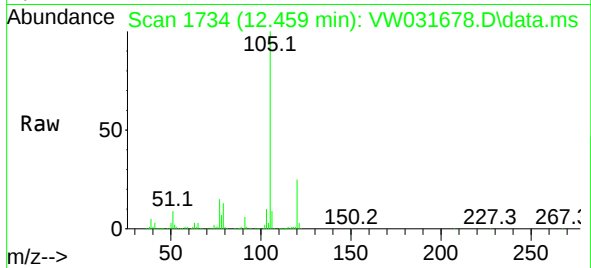




#60
Isopropylbenzene
Concen: 23.089 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

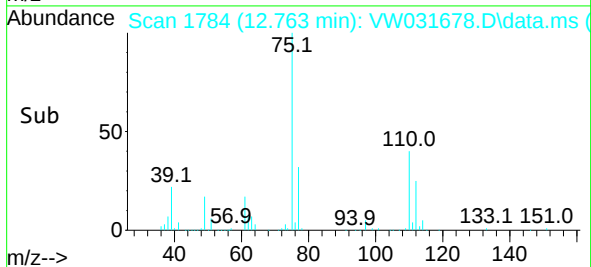
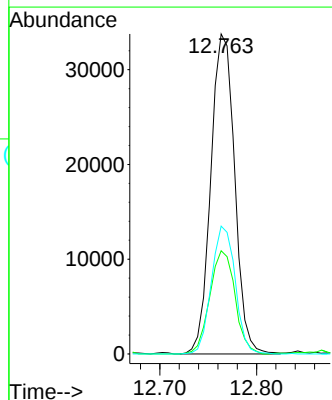
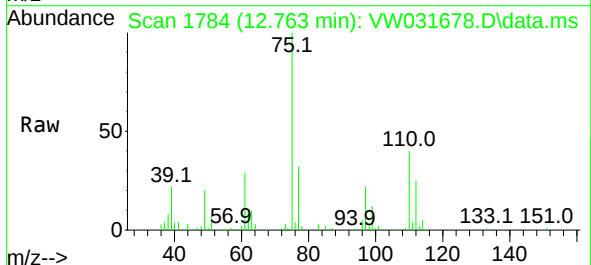
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

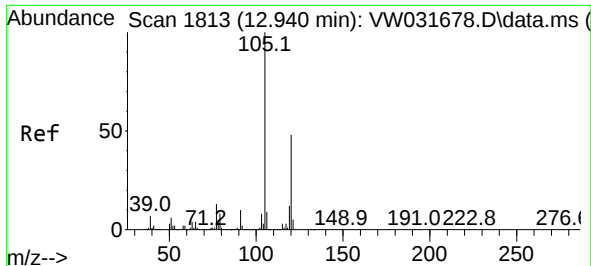
Tgt Ion:105 Resp: 512059
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 15.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 26.418 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion: 75 Resp: 57860
Ion Ratio Lower Upper
75 100
77 34.1 27.4 41.2
110 39.8 29.8 44.8

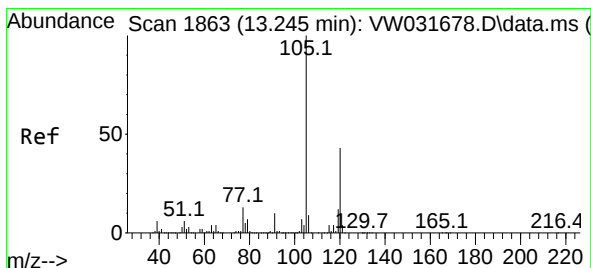
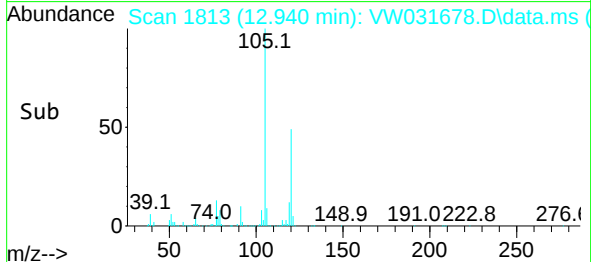
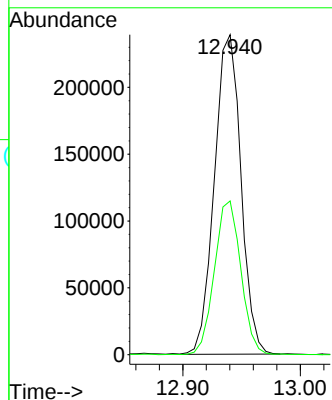
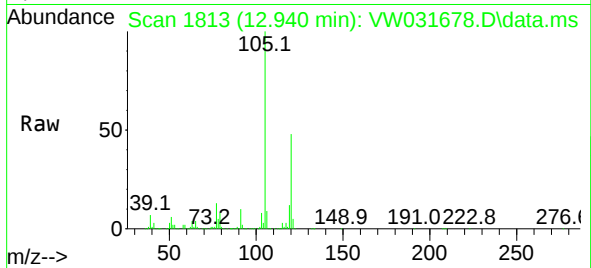




#62
1,3,5-Trimethylbenzene
Concen: 23.032 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

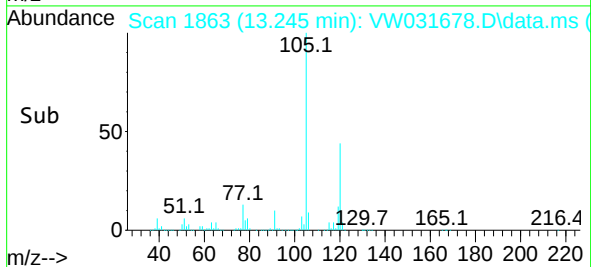
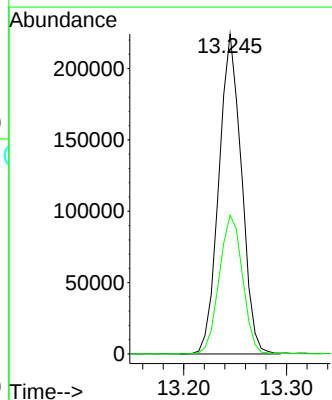
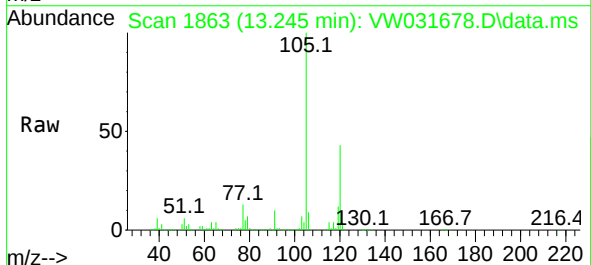
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

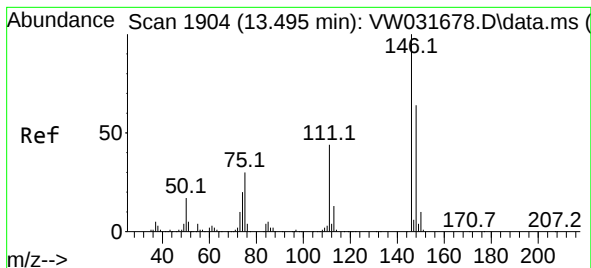
Tgt Ion:105 Resp: 375548
Ion Ratio Lower Upper
105 100
120 48.0 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 23.363 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion:105 Resp: 342230
Ion Ratio Lower Upper
105 100
120 44.6 35.1 52.7

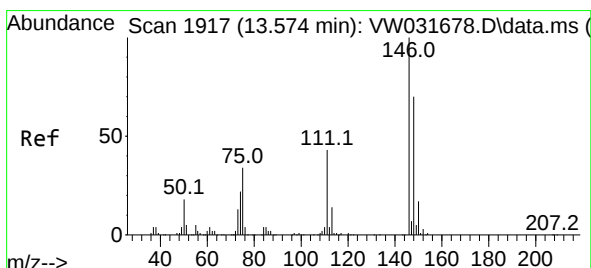
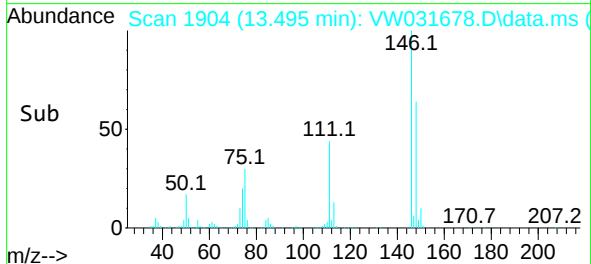
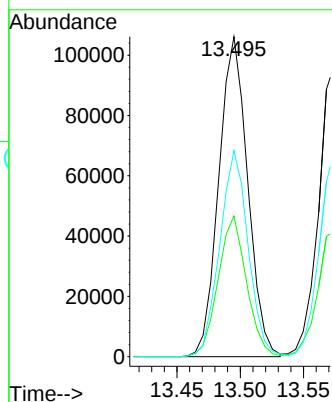
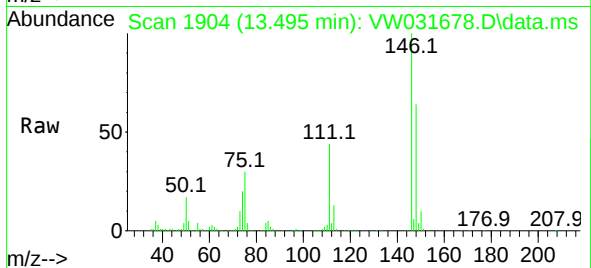




#64
1,3-Dichlorobenzene
Concen: 24.978 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

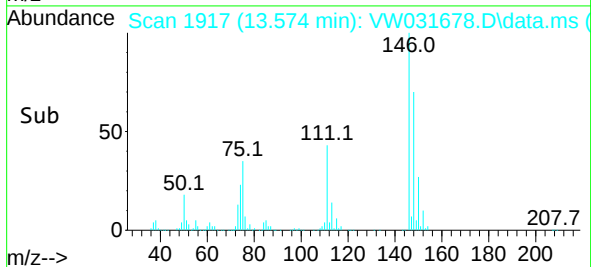
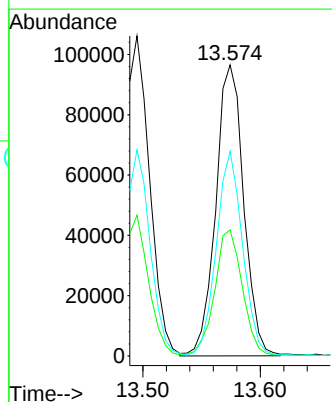
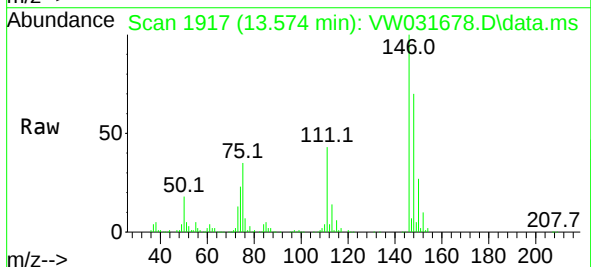
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

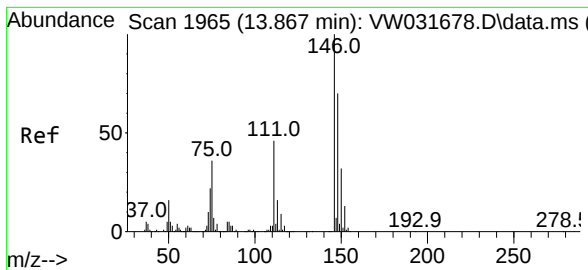
Tgt Ion:146 Resp: 168276
Ion Ratio Lower Upper
146 100
111 44.0 30.2 56.2
148 64.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 23.977 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion:146 Resp: 159243
Ion Ratio Lower Upper
146 100
111 43.3 28.1 52.3
148 70.3 41.4 77.0

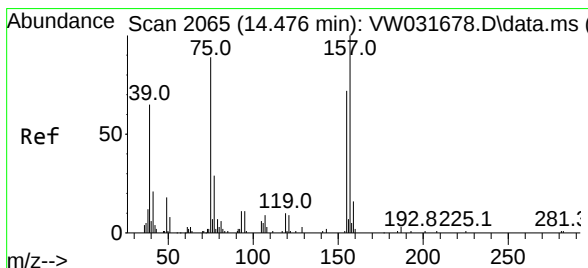
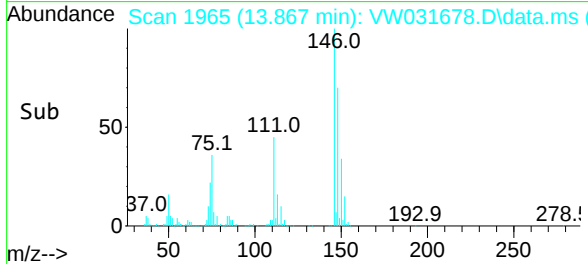
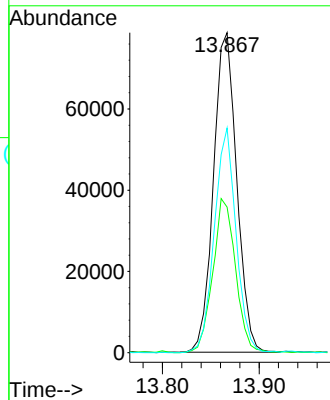
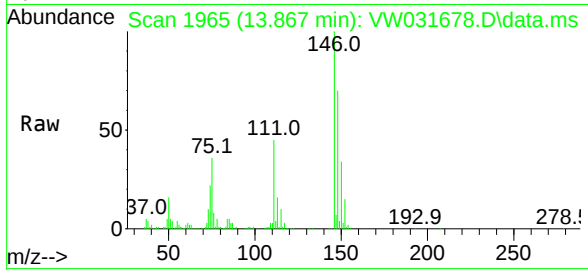




#67
 1,2-Dichlorobenzene
 Concen: 23.827 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

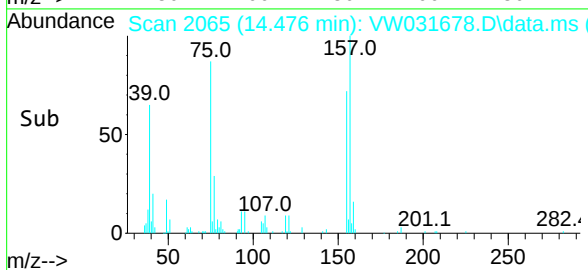
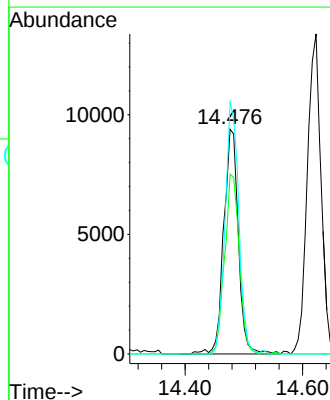
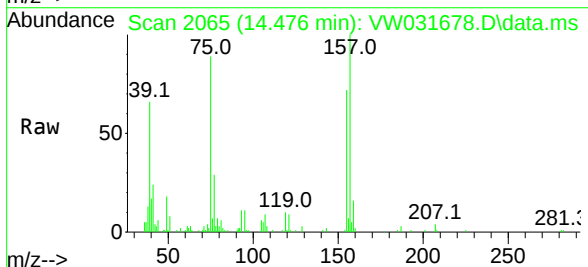
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

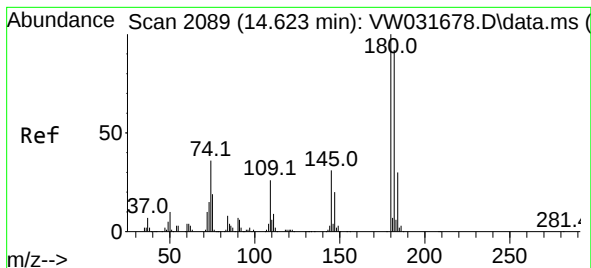
Tgt Ion:146 Resp: 131356
 Ion Ratio Lower Upper
 146 100
 111 45.5 33.4 50.0
 148 70.2 51.6 77.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 26.921 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW031678.D
 Acq: 03 Feb 2025 08:33

Tgt Ion: 75 Resp: 16241
 Ion Ratio Lower Upper
 75 100
 155 80.0 60.6 91.0
 157 111.8 74.1 111.1#





#69

1,3,5-Trichlorobenzene

Concen: 23.519 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

Tgt Ion:180 Resp: 110517

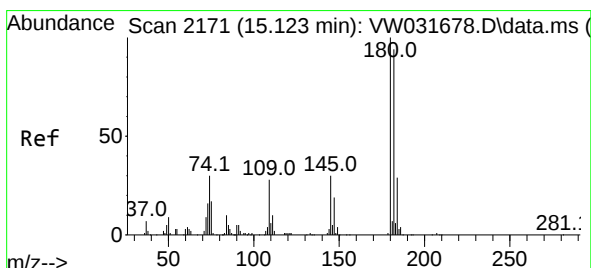
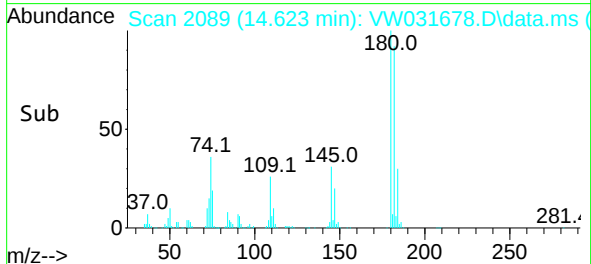
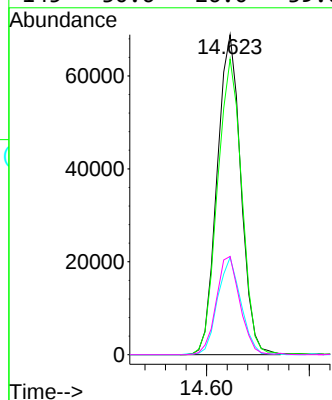
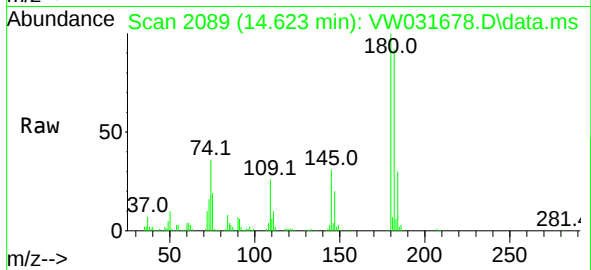
Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

184 29.6 23.7 35.5

145 30.6 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 24.502 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031678.D

Acq: 03 Feb 2025 08:33

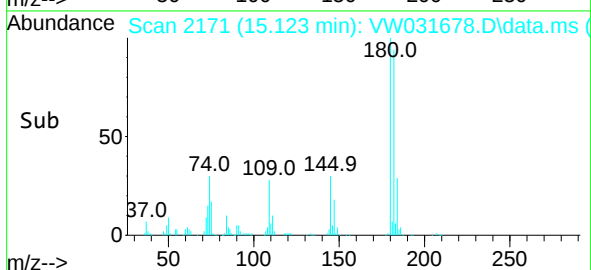
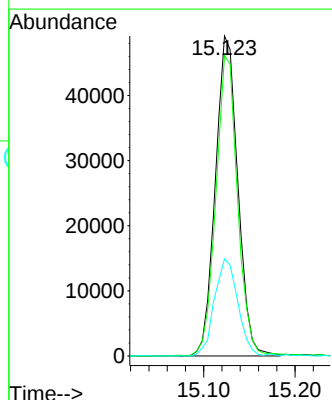
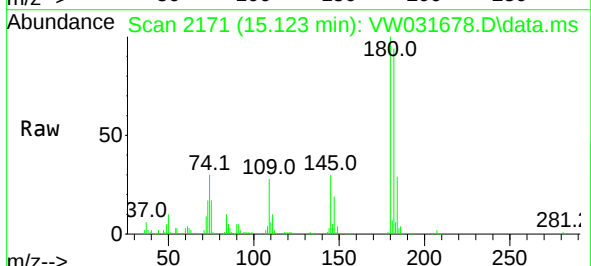
Tgt Ion:180 Resp: 84044

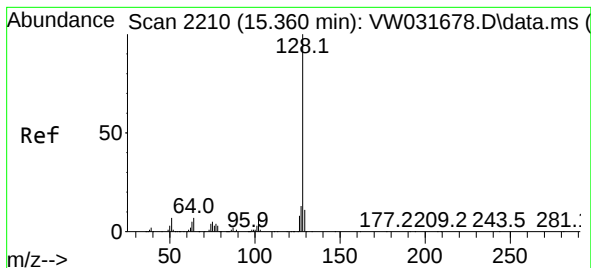
Ion Ratio Lower Upper

180 100

182 90.3 73.0 109.4

145 31.5 26.7 40.1

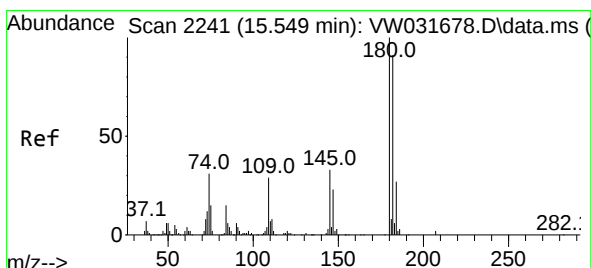
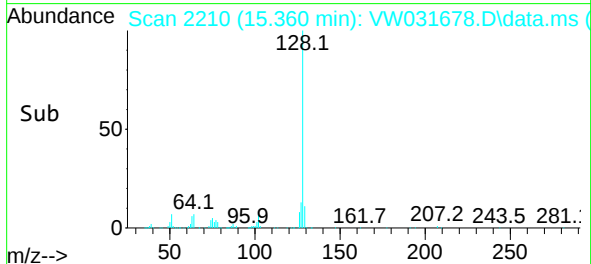
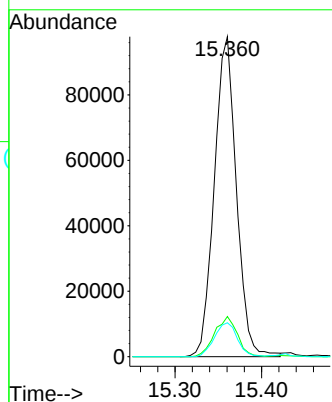
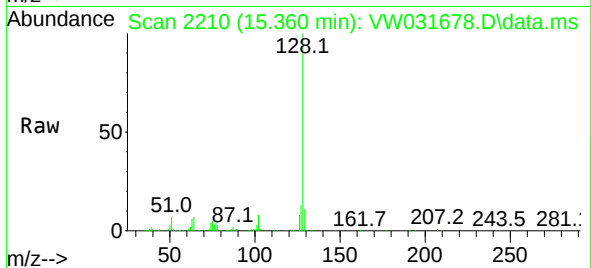




#71
Naphthalene
Concen: 24.726 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Tgt Ion:128 Resp: 173455
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 23.375 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031678.D
Acq: 03 Feb 2025 08:33

Tgt Ion:180 Resp: 65351
Ion Ratio Lower Upper
180 100
182 96.3 78.2 117.4
145 36.6 30.2 45.4

