

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020325\
 Data File : VW031686.D
 Acq On : 03 Feb 2025 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 7.64g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Feb 04 07:46:12 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	8.837	114	286407	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	207690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88802	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	92927	20.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.760%
7) Chloroethane-d5	2.899	69	63295	20.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	4.015	65	43379	19.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.920%
21) 2-Butanone-d5	7.088	46	78321	55.330	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.660%
24) Chloroform-d	7.648	84	140424	22.559	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.240%
26) 1,2-Dichloroethane-d4	8.301	65	56705	23.608	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.440%
32) Benzene-d6	8.270	84	306383	21.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.760%
36) 1,2-Dichloropropane-d6	9.270	67	74396	21.356	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.440%
41) Toluene-d8	10.319	98	264111	20.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.320%
43) trans-1,3-Dichloroprop...	10.575	79	24153	23.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.960%
47) 2-Hexanone-d5	10.922	63	34258	52.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61092	24.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	60085	20.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	96376	23.796	ug/L #	80
3) Chloromethane	2.216	50	93819	24.300	ug/L	95
5) Vinyl chloride	2.375	62	152512	28.679	ug/L	99
6) Bromomethane	2.783	94	65209	26.989	ug/L	91
8) Chloroethane	2.930	64	71313	27.534	ug/L	96
9) Trichlorofluoromethane	3.259	101	112254	26.972	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	135135	28.811	ug/L	94
12) 1,1-Dichloroethene	4.039	96	121716	26.925	ug/L	93
13) Acetone	4.149	43	71169	62.809	ug/L	97
14) Carbon disulfide	4.387	76	381062	27.658	ug/L	95
15) Methyl Acetate	4.679	43	57448	28.850	ug/L #	100
16) Methylene chloride	4.923	84	78703	26.186	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	117270	26.114	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	102101	26.476	ug/L #	91
19) 1,1-Dichloroethane	6.210	63	185643	26.754	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	98529	25.444	ug/L	97
22) 2-Butanone	7.179	43	94779	56.205	ug/L	98
23) Bromochloromethane	7.514	128	33546	26.732	ug/L	95
25) Chloroform	7.673	83	162163	26.259	ug/L	97

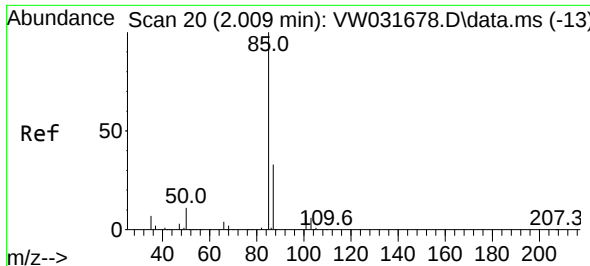
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020325\
 Data File : VW031686.D
 Acq On : 03 Feb 2025 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 7.64g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Feb 04 07:46:12 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)
27) 1,2-Dichloroethane	8.398	62	80676	27.013	ug/L	98
29) Cyclohexane	7.953	56	271454	28.421	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	174911	26.494	ug/L	99
31) Carbon tetrachloride	8.063	117	171878	27.699	ug/L	100
33) Benzene	8.319	78	422129	25.368	ug/L	100
34) Trichloroethene	9.087	95	122910	25.040	ug/L	97
35) Methylcyclohexane	9.331	83	289322	29.542	ug/L	100
37) 1,2-Dichloropropane	9.361	63	84082	25.094	ug/L	100
38) Bromodichloromethane	9.642	83	88941	25.489	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	108677	26.106	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	124896	56.343	ug/L	100
42) Toluene	10.386	91	432492	24.905	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	80958	26.732	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	52457	26.168	ug/L	95
46) Tetrachloroethene	10.861	164	98943	27.112	ug/L	99
48) 2-Hexanone	10.965	43	97858	58.760	ug/L	99
49) Dibromochloromethane	11.123	129	48089	25.918	ug/L	95
50) 1,2-Dibromoethane	11.233	107	52111	26.912	ug/L #	97
51) Chlorobenzene	11.654	112	228185	24.545	ug/L	93
52) Ethylbenzene	11.727	91	496784	24.804	ug/L	99
53) m,p-Xylene	11.837	106	184910	25.506	ug/L	94
54) o-Xylene	12.160	106	153402	24.837	ug/L	98
55) Styrene	12.178	104	239829	25.163	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	68619	26.350	ug/L	96
59) Bromoform	12.343	173	27091	27.706	ug/L	97
60) Isopropylbenzene	12.458	105	521448	25.422	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54204	26.758	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	369094	24.474	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	340030	25.098	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	155197	24.907	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	152579	24.839	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	127316	24.969	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15936	28.560	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	98736	22.718	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	77444	24.411	ug/L	98
71) Naphthalene	15.360	128	168303	25.940	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	62482	24.164	ug/L	98

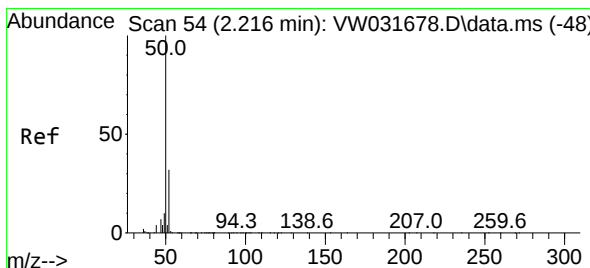
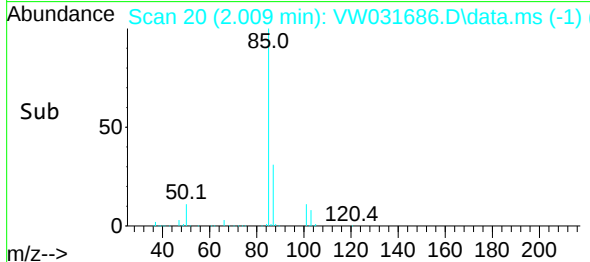
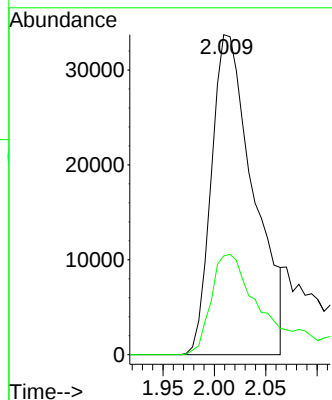
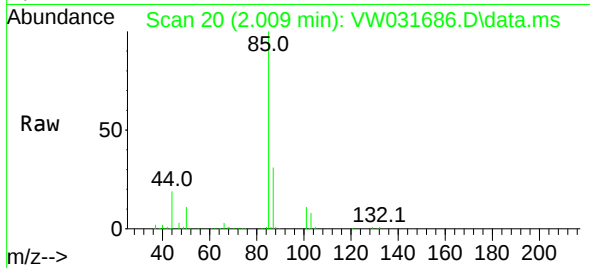
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 23.796 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

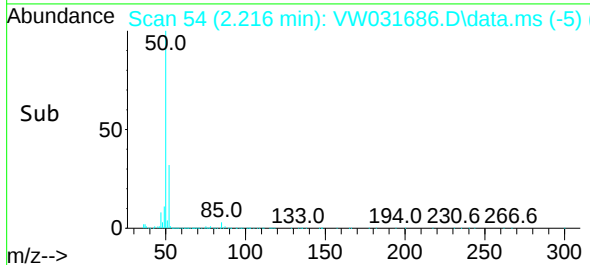
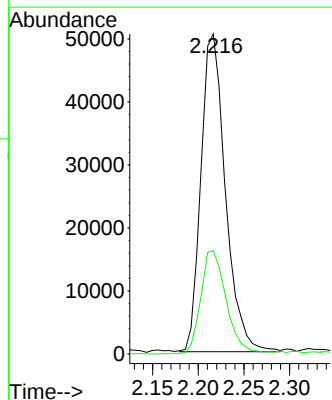
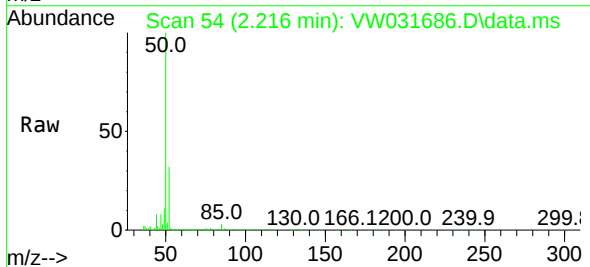
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

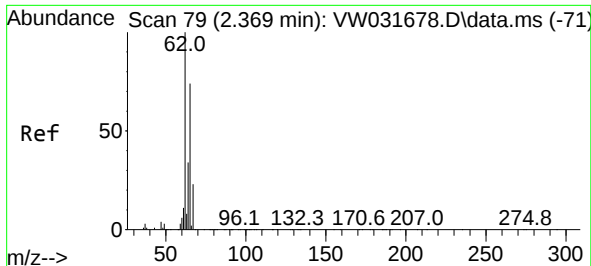
Tgt Ion: 85 Resp: 96376
 Ion Ratio Lower Upper
 85 100
 87 34.6 19.6 29.4#



#3
 Chloromethane
 Concen: 24.300 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

Tgt Ion: 50 Resp: 93819
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.6 45.8

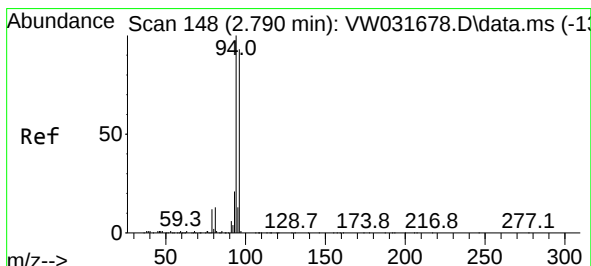
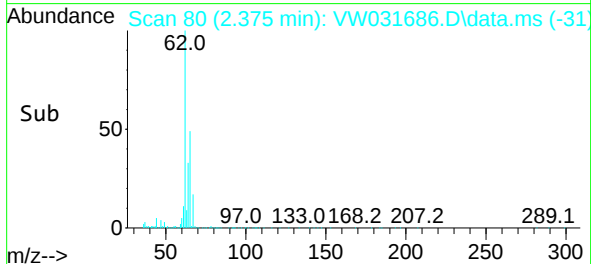
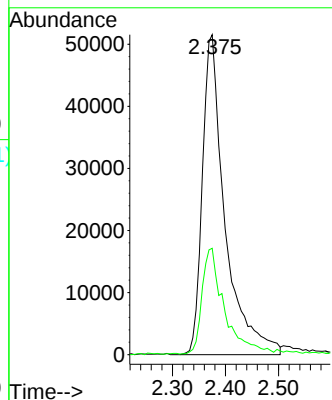
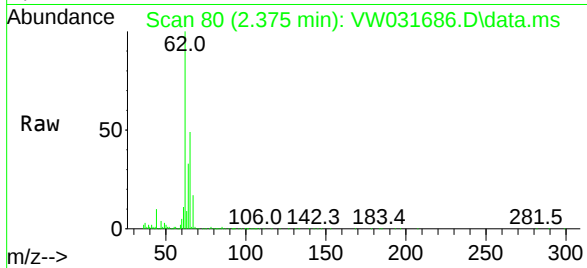




#5
 Vinyl chloride
 Concen: 28.679 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

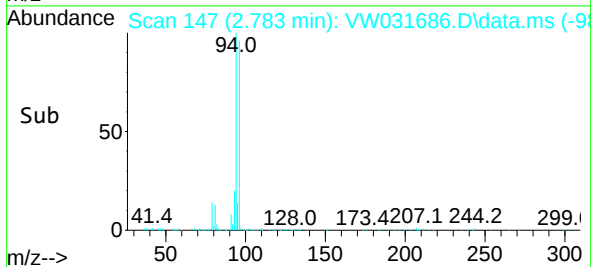
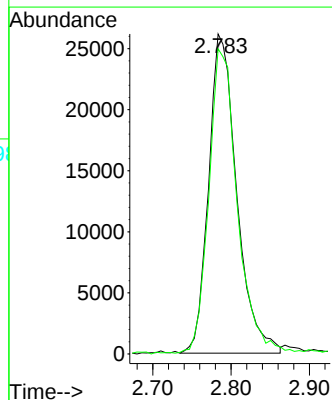
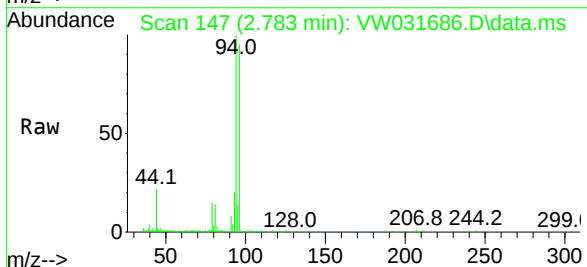
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

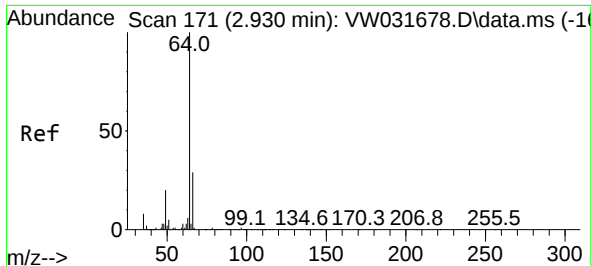
Tgt Ion: 62 Resp: 152512
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 44.2



#6
 Bromomethane
 Concen: 26.989 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

Tgt Ion: 94 Resp: 65209
 Ion Ratio Lower Upper
 94 100
 96 95.4 61.2 113.6

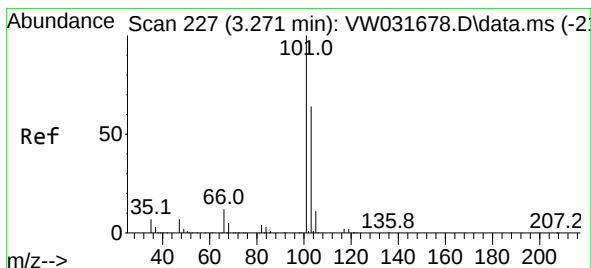
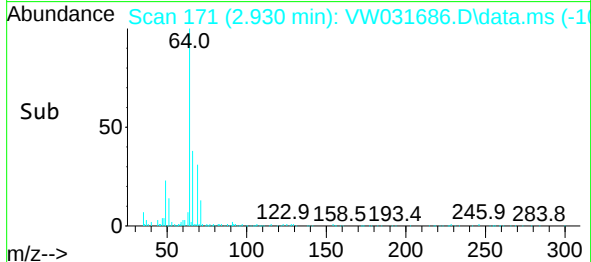
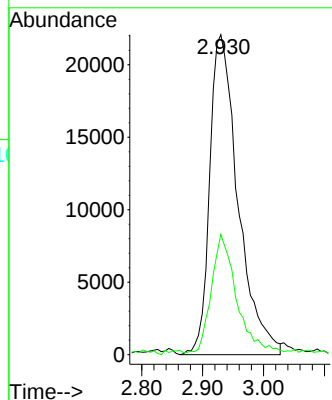
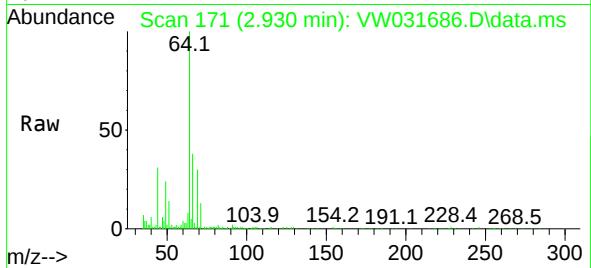




#8
Chloroethane
Concen: 27.534 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

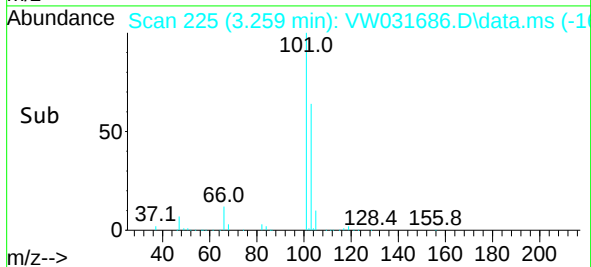
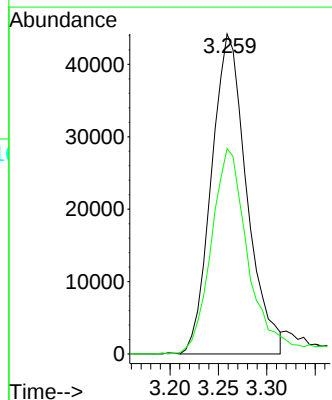
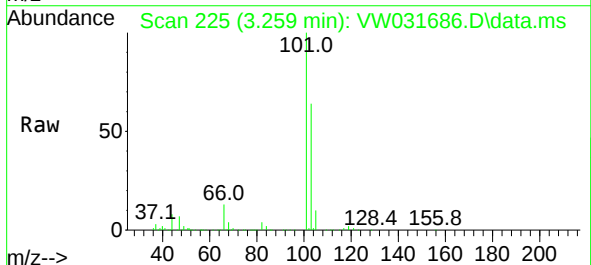
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

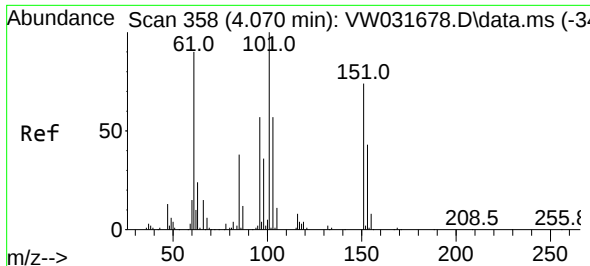
Tgt Ion: 64 Resp: 71313
Ion Ratio Lower Upper
64 100
66 37.5 24.7 45.9



#9
Trichlorofluoromethane
Concen: 26.972 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion:101 Resp: 112254
Ion Ratio Lower Upper
101 100
103 66.8 51.3 76.9

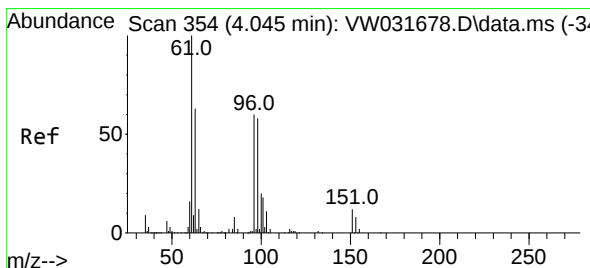
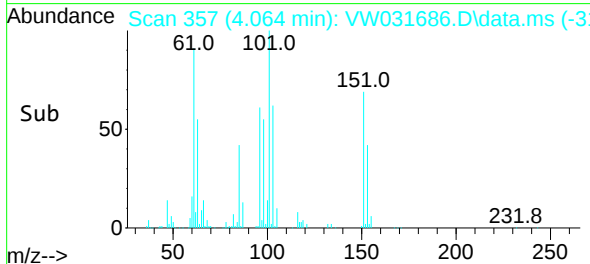
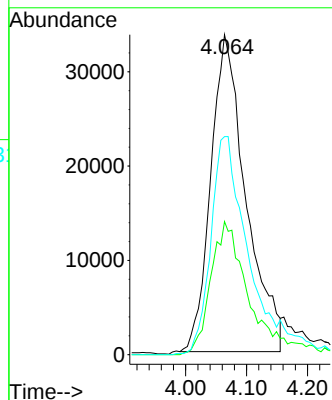
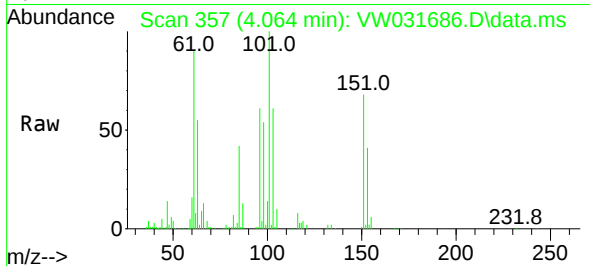




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.811 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

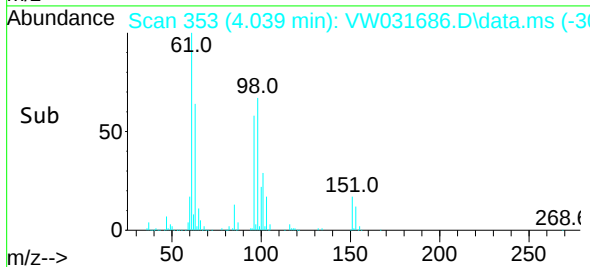
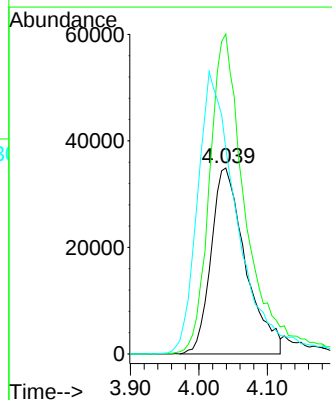
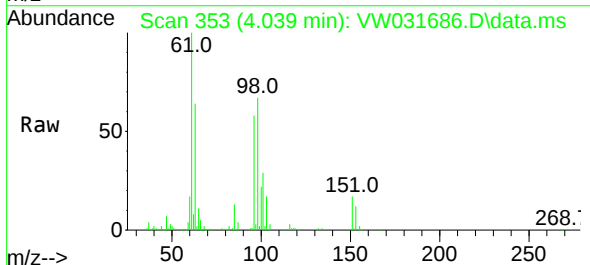
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

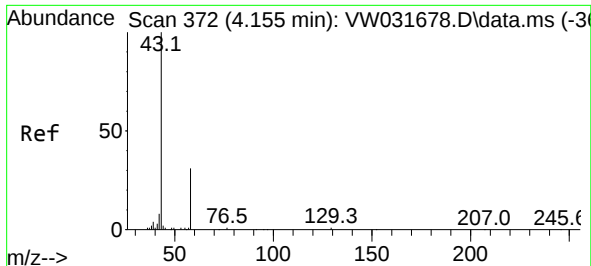
Tgt Ion:	101	Resp:	135135
Ion	Ratio	Lower	Upper
101	100		
85	38.4	36.3	54.5
151	67.7	55.9	83.9



#12
 1,1-Dichloroethene
 Concen: 26.925 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

Tgt Ion:	96	Resp:	121716
Ion	Ratio	Lower	Upper
96	100		
61	172.1	117.5	218.3
63	110.6	86.5	160.7

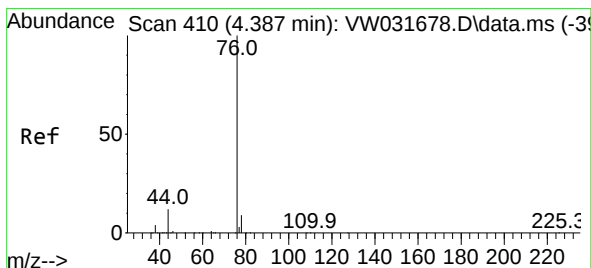
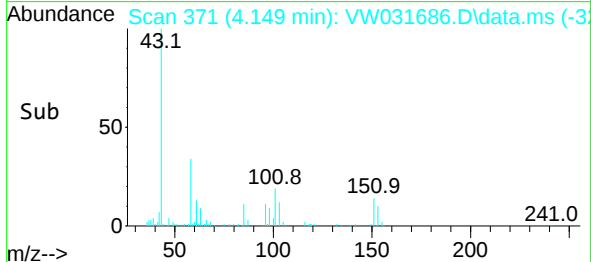
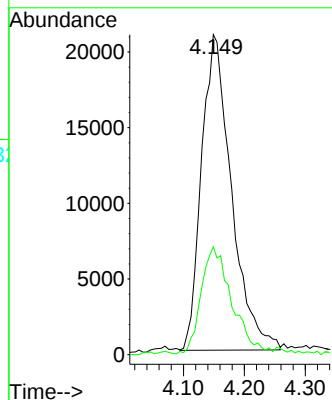
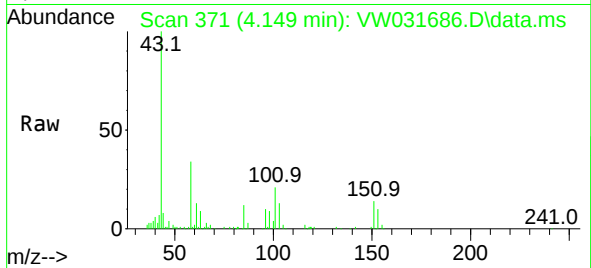




#13
Acetone
Concen: 62.809 ug/L
RT: 4.149 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

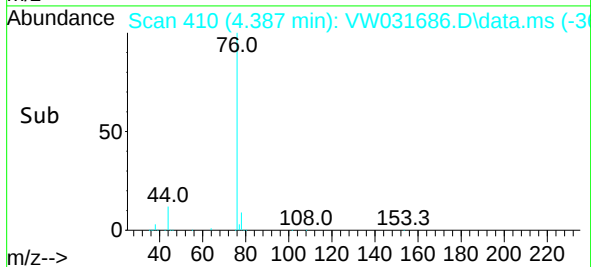
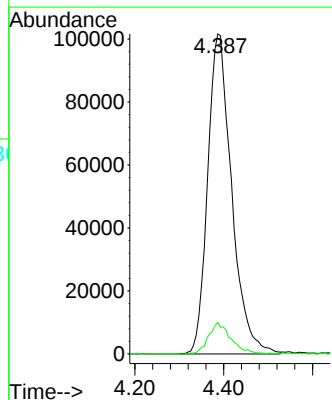
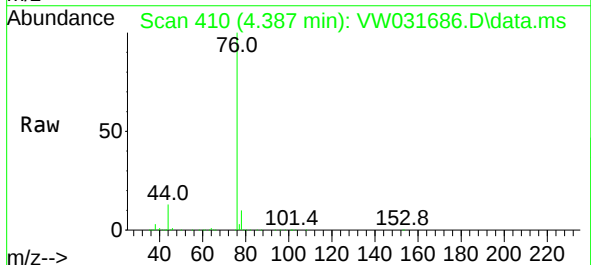
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

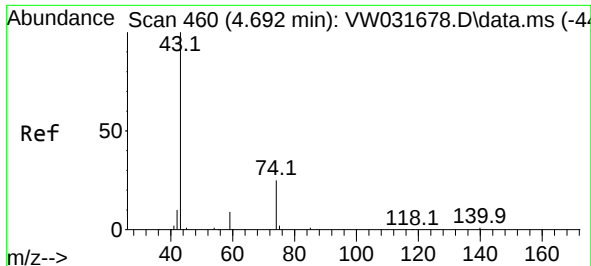
Tgt Ion: 43 Resp: 71169
Ion Ratio Lower Upper
43 100
58 33.6 0.0 70.2



#14
Carbon disulfide
Concen: 27.658 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 76 Resp: 381062
Ion Ratio Lower Upper
76 100
78 9.8 6.6 9.8

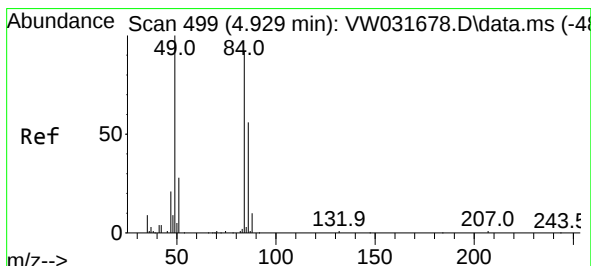
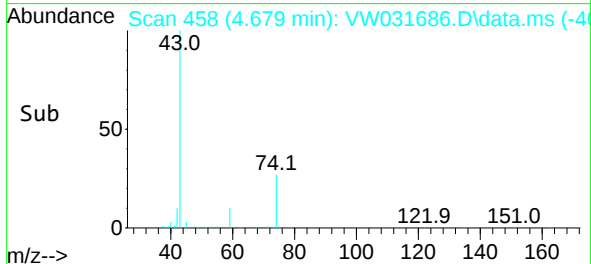
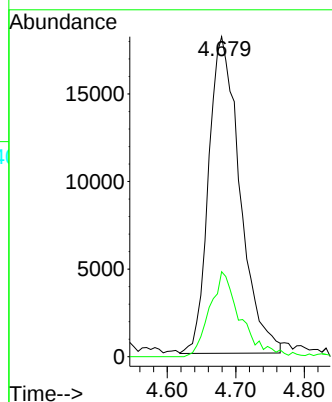
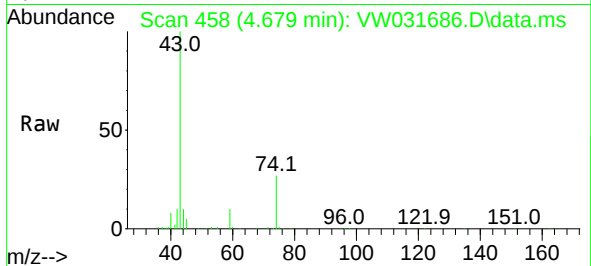




#15
Methyl Acetate
Concen: 28.850 ug/L
RT: 4.679 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

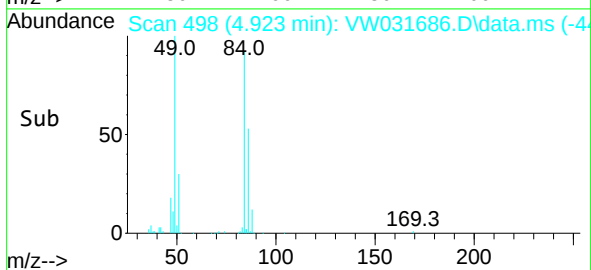
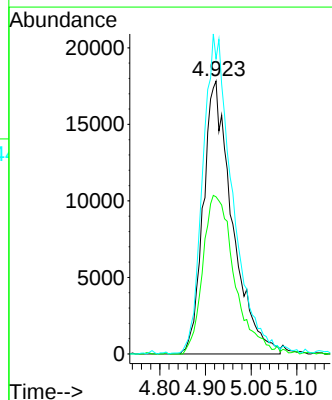
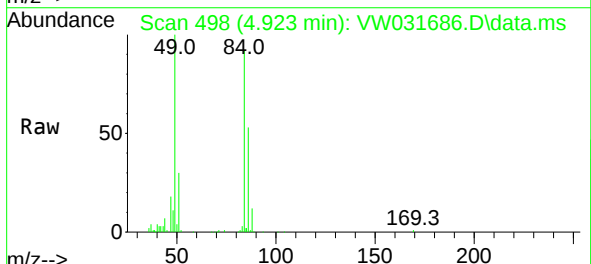
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

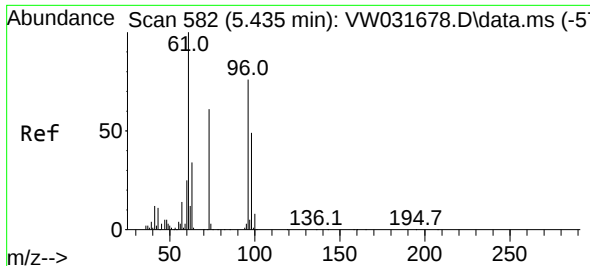
Tgt Ion: 43 Resp: 57448
Ion Ratio Lower Upper
43 100
74 20.4 0.0 0.0#



#16
Methylene chloride
Concen: 26.186 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 84 Resp: 78703
Ion Ratio Lower Upper
84 100
86 57.6 40.9 76.0
49 108.3 78.9 146.5

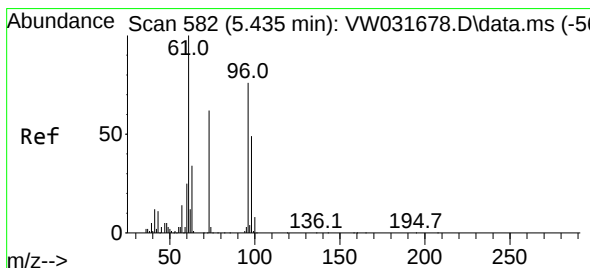
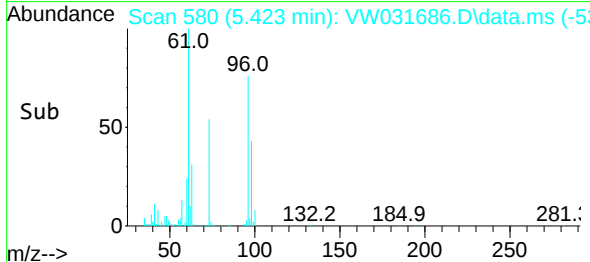
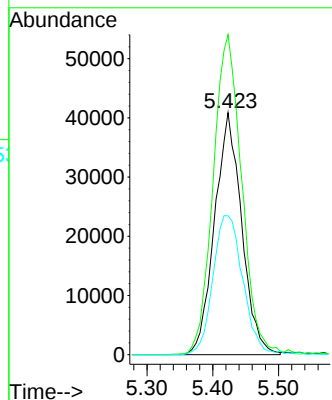
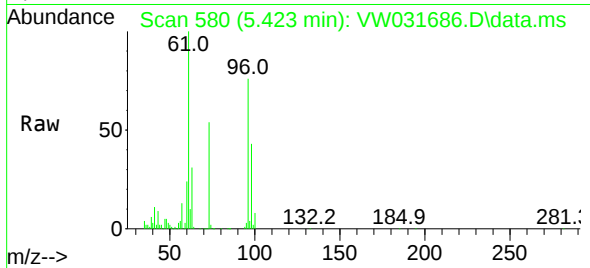




#17
trans-1,2-Dichloroethene
Concen: 26.114 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

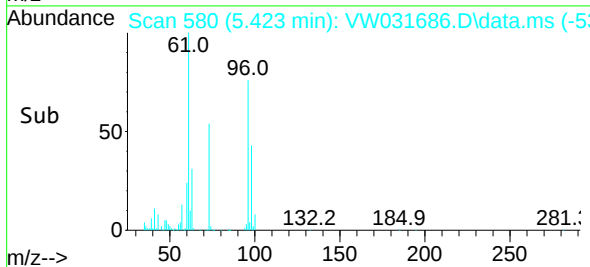
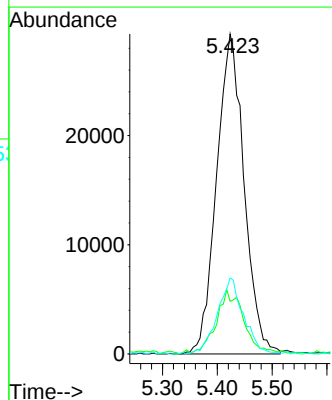
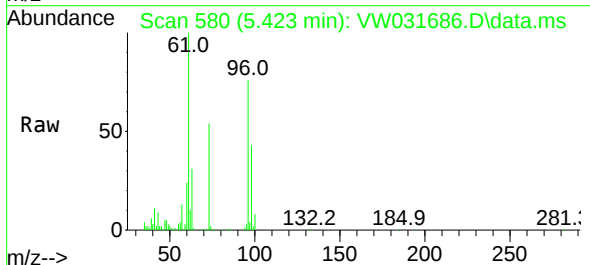
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

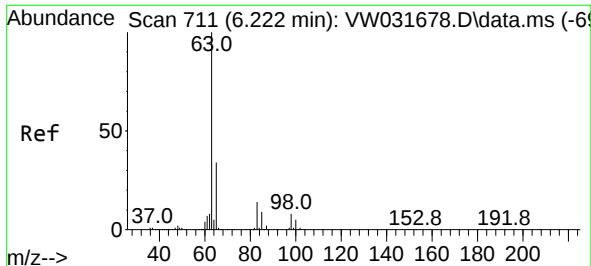
Tgt Ion: 96 Resp: 117270
Ion Ratio Lower Upper
96 100
61 132.2 90.3 167.7
98 57.3 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 26.476 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 73 Resp: 102101
Ion Ratio Lower Upper
73 100
43 10.1 15.4 23.2#
57 22.5 18.2 27.2





#19

1,1-Dichloroethane

Concen: 26.754 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.012 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

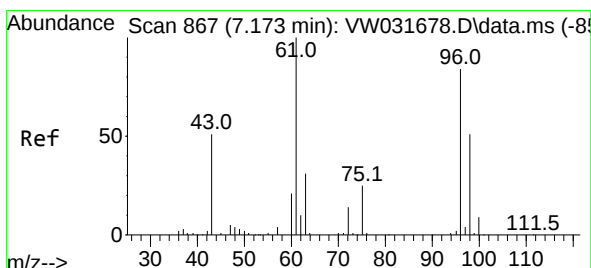
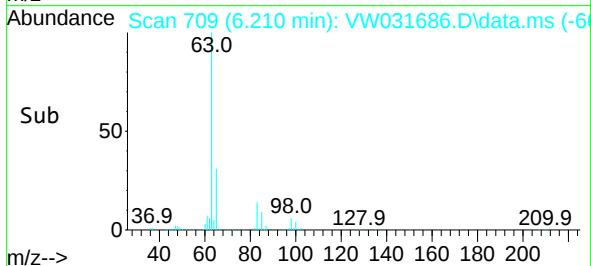
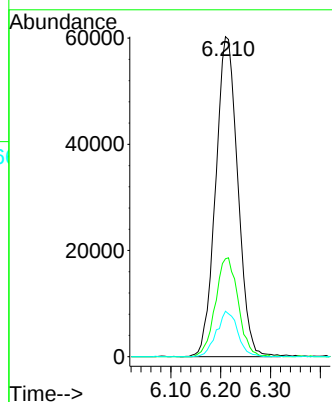
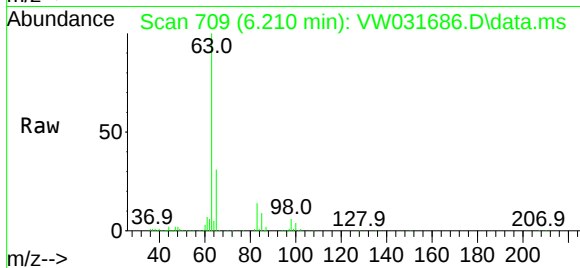
Tgt Ion: 63 Resp: 185643

Ion Ratio Lower Upper

63 100

65 30.6 21.6 40.2

83 14.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 25.444 ug/L

RT: 7.161 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

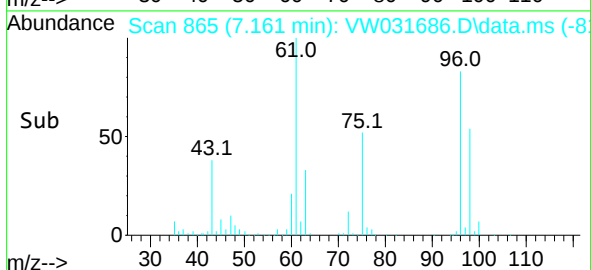
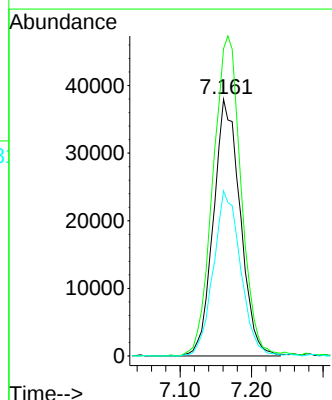
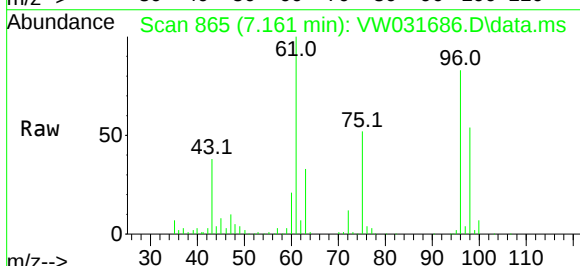
Tgt Ion: 96 Resp: 98529

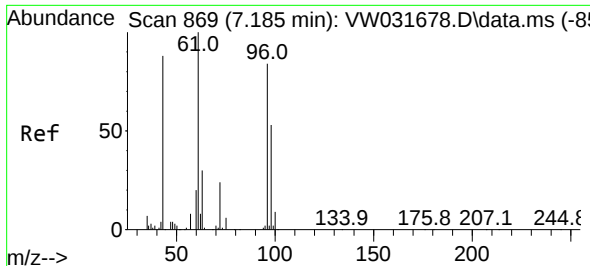
Ion Ratio Lower Upper

96 100

61 119.8 87.4 162.4

98 64.3 44.4 82.4

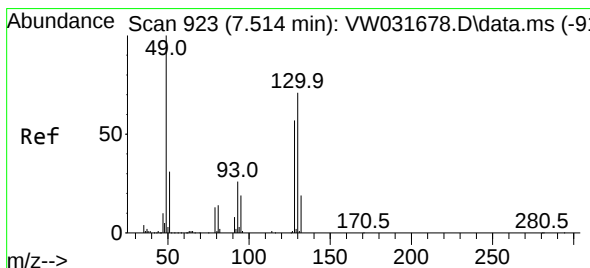
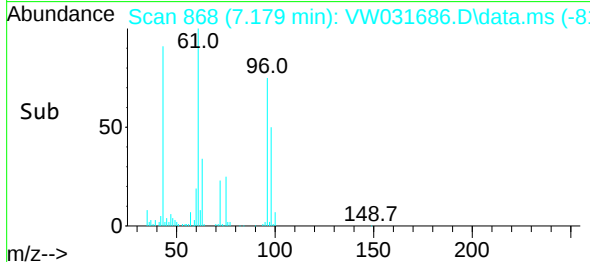
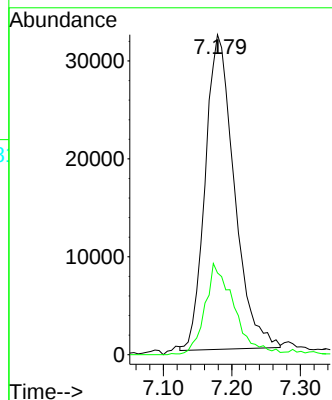
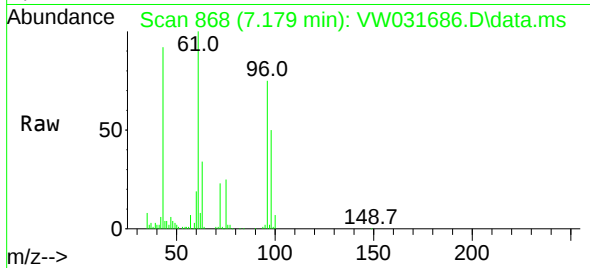




#22
2-Butanone
Concen: 56.205 ug/L
RT: 7.179 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

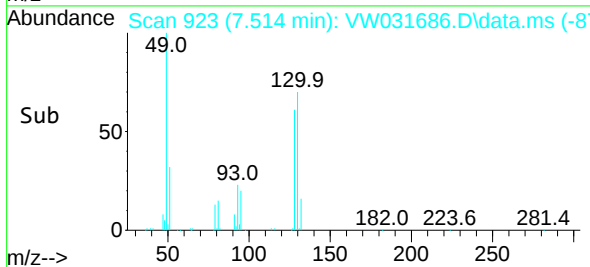
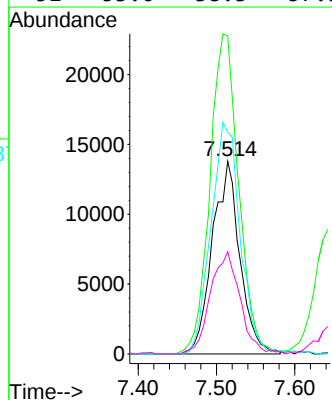
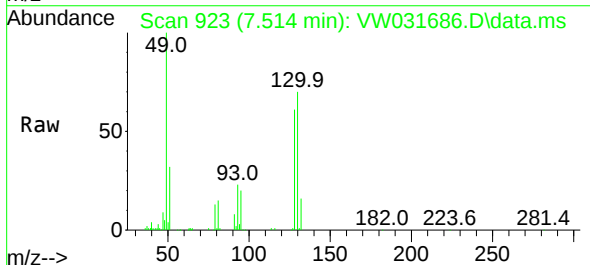
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

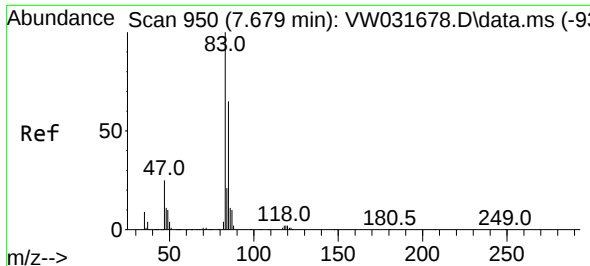
Tgt Ion: 43 Resp: 94779
Ion Ratio Lower Upper
43 100
72 28.7 13.8 41.4



#23
Bromochloromethane
Concen: 26.732 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 128 Resp: 33546
Ion Ratio Lower Upper
128 100
49 165.0 112.2 208.4
130 115.1 85.9 159.5
51 53.0 38.3 57.5

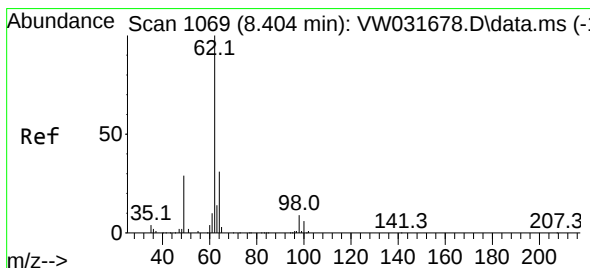
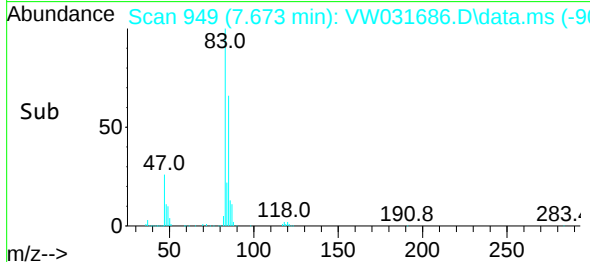
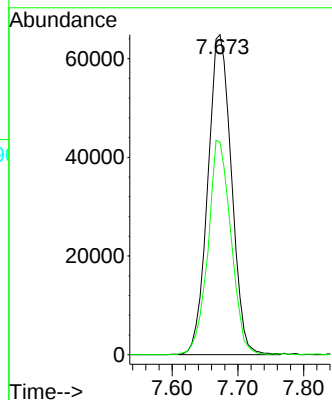
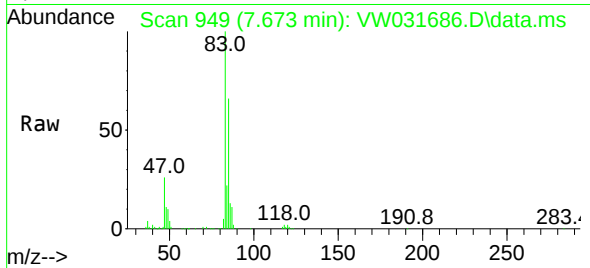




#25
Chloroform
Concen: 26.259 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

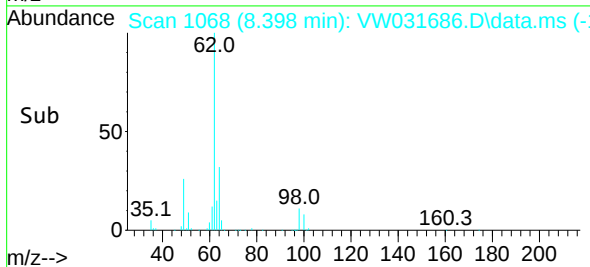
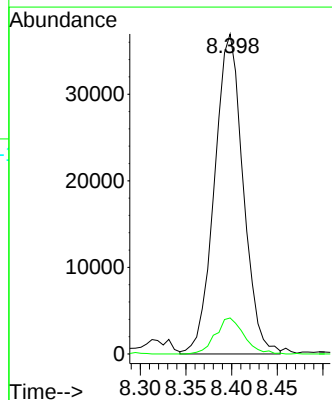
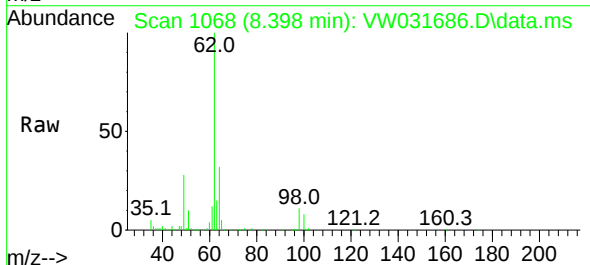
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

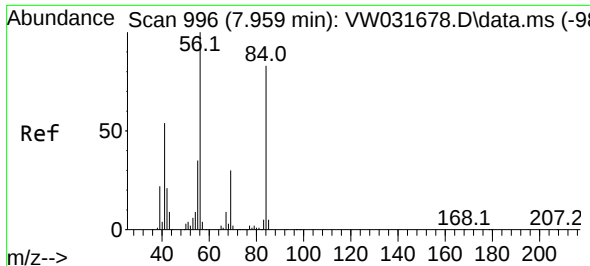
Tgt Ion: 83 Resp: 162163
Ion Ratio Lower Upper
83 100
85 66.4 48.4 89.8



#27
1,2-Dichloroethane
Concen: 27.013 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 62 Resp: 80676
Ion Ratio Lower Upper
62 100
98 11.2 8.3 12.5





#29

Cyclohexane

Concen: 28.421 ug/L

RT: 7.953 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

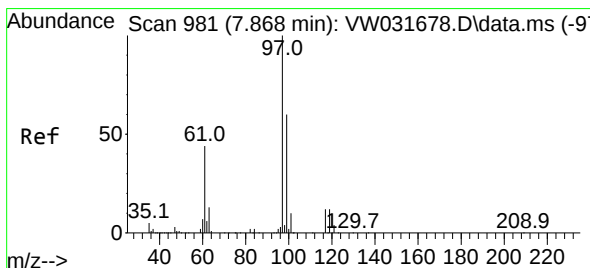
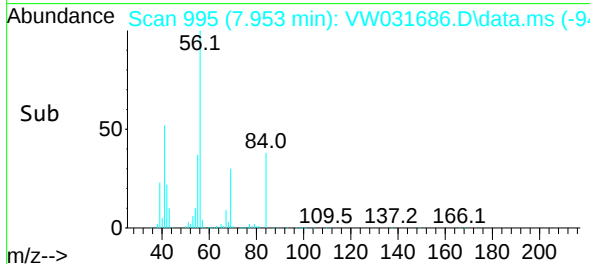
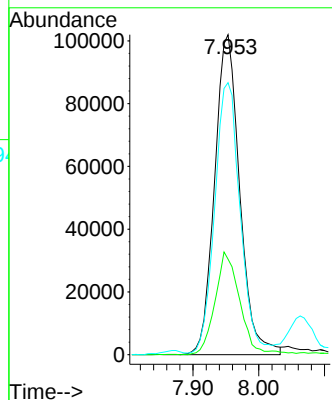
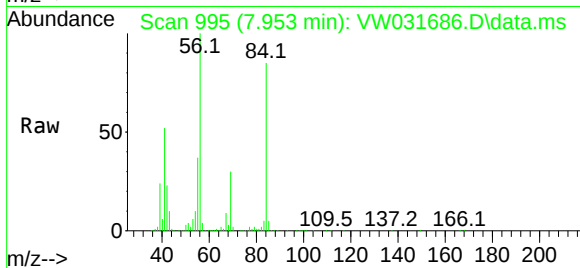
Tgt Ion: 56 Resp: 271454

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.4

84 85.6 67.8 101.8



#30

1,1,1-Trichloroethane

Concen: 26.494 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

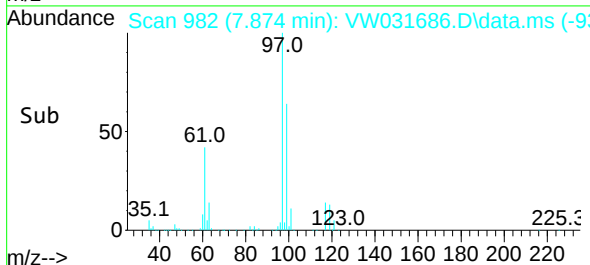
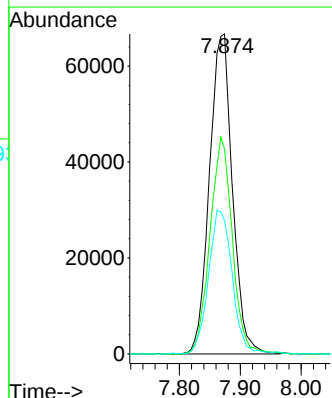
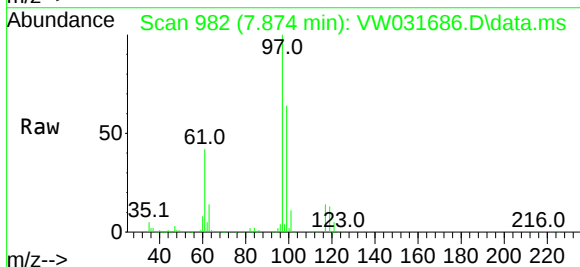
Tgt Ion: 97 Resp: 174911

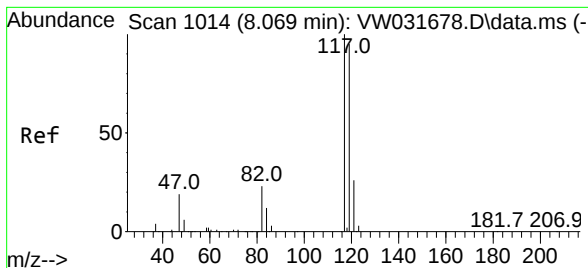
Ion Ratio Lower Upper

97 100

99 65.9 52.6 79.0

61 45.2 35.4 53.2

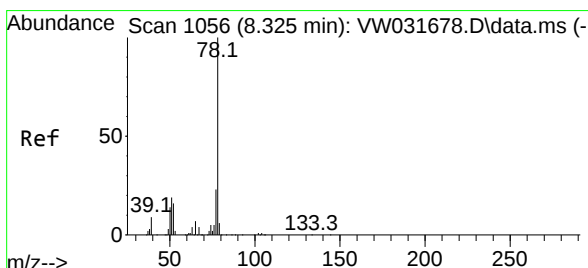
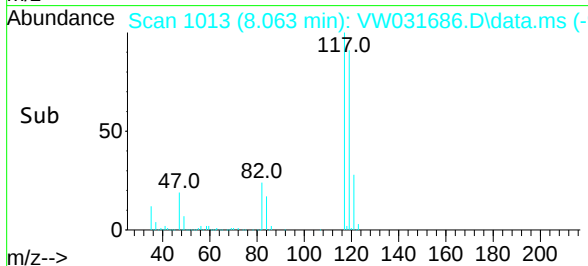
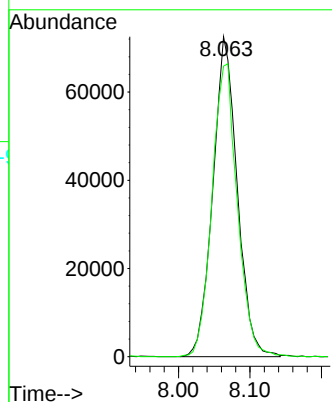
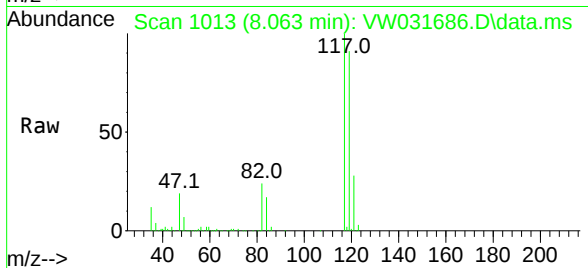




#31
Carbon tetrachloride
Concen: 27.699 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

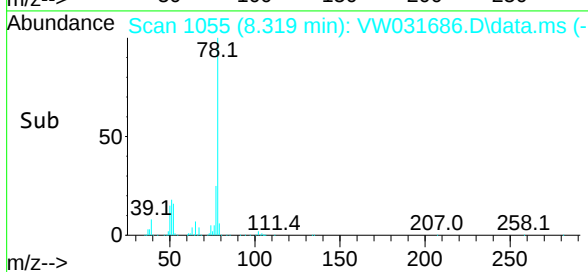
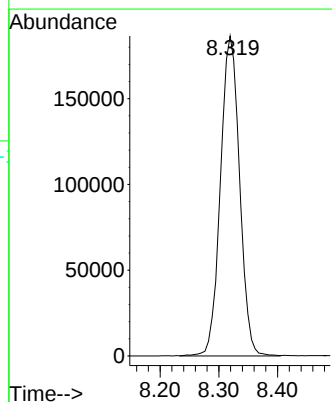
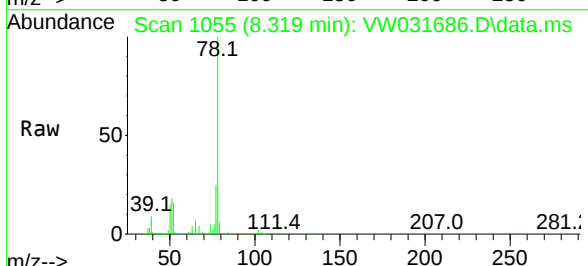
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

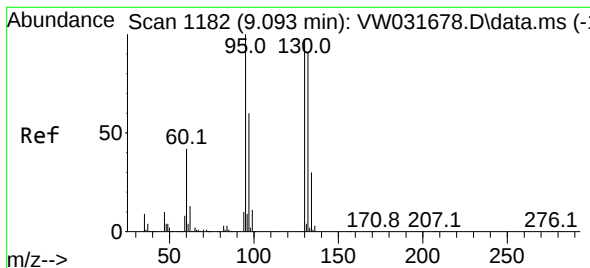
Tgt Ion:117 Resp: 171878
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5



#33
Benzene
Concen: 25.368 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 78 Resp: 422129





#34

Trichloroethene

Concen: 25.040 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

Tgt Ion: 95 Resp: 122910

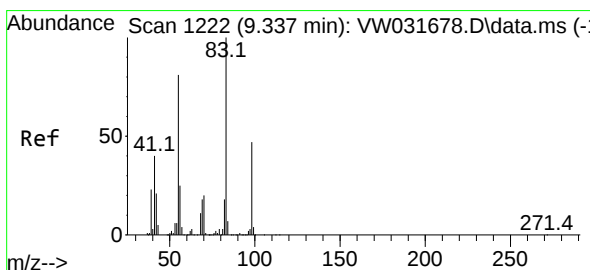
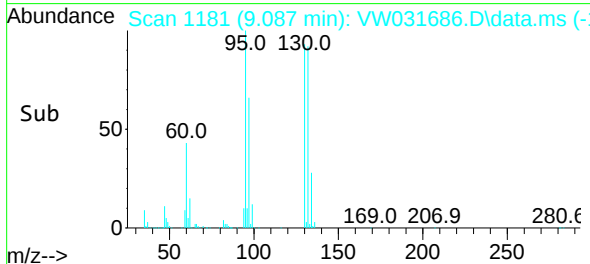
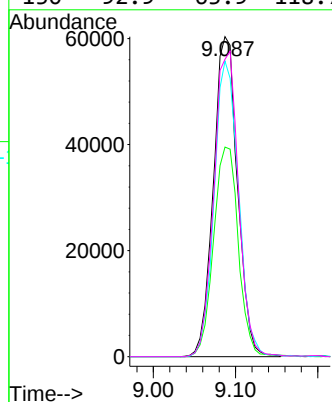
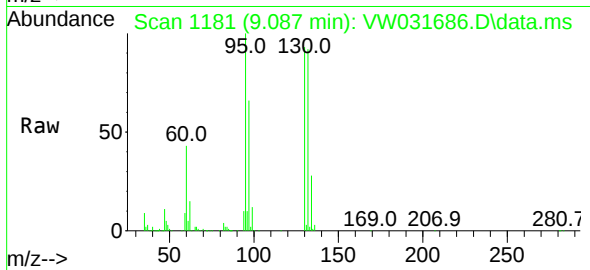
Ion Ratio Lower Upper

95 100

97 65.5 41.9 77.7

132 92.4 63.3 117.7

130 92.9 63.9 118.7



#35

Methylcyclohexane

Concen: 29.542 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

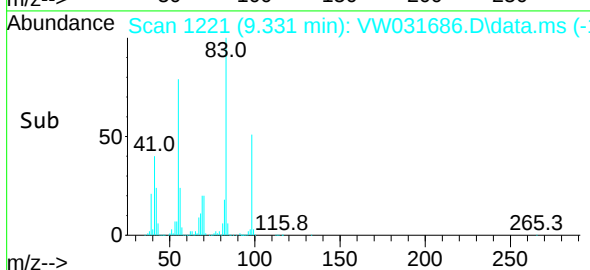
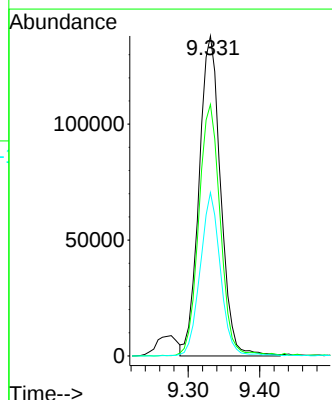
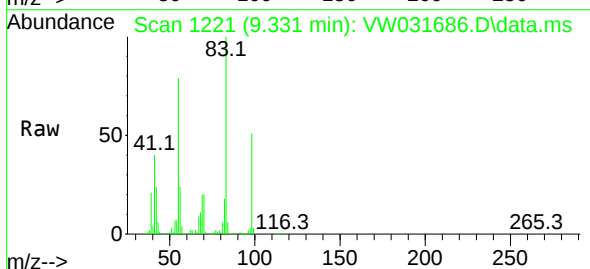
Tgt Ion: 83 Resp: 289322

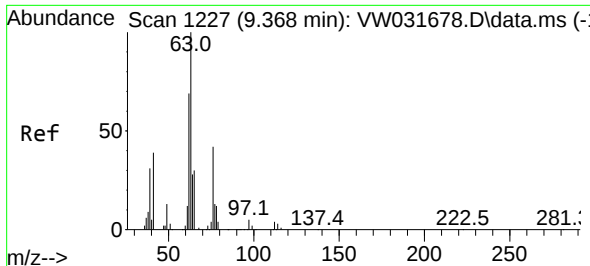
Ion Ratio Lower Upper

83 100

55 77.1 61.5 92.3

98 47.6 38.2 57.2





#37

1,2-Dichloropropane

Concen: 25.094 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

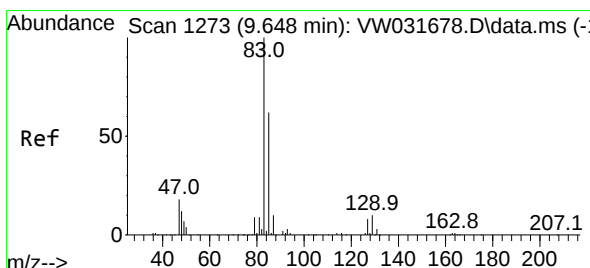
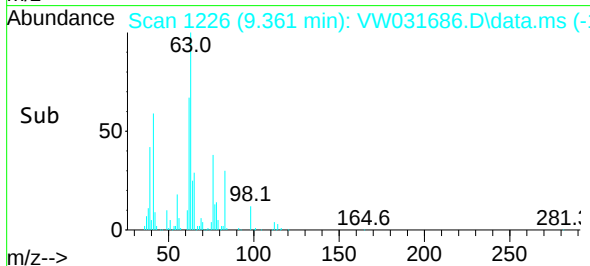
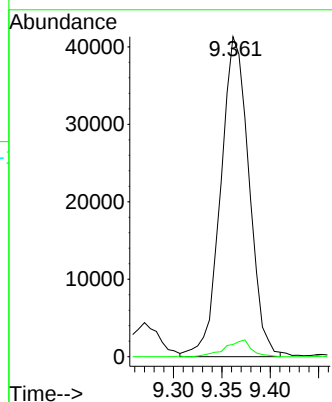
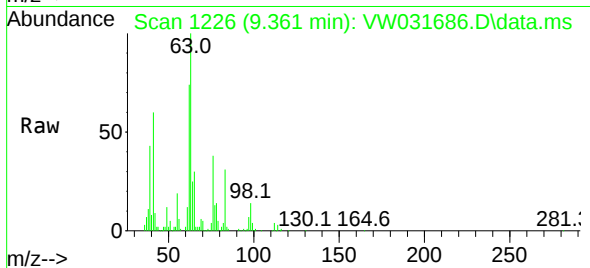
VSTD025494

Tgt Ion: 63 Resp: 84082

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 25.489 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

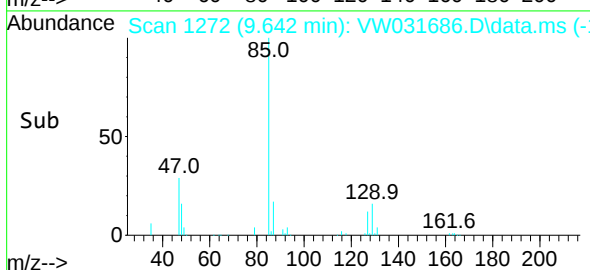
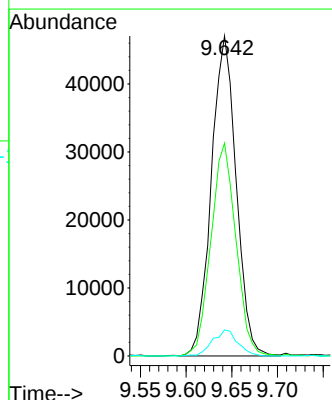
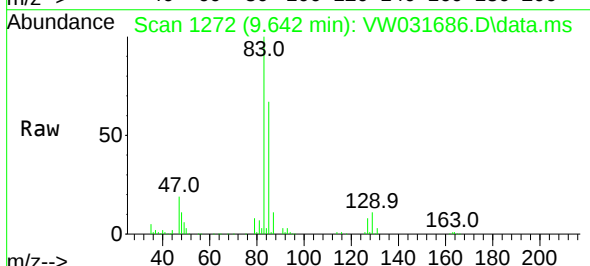
Tgt Ion: 83 Resp: 88941

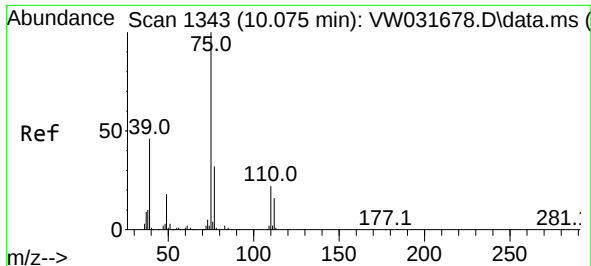
Ion Ratio Lower Upper

83 100

85 66.5 44.2 82.0

127 8.1 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 26.106 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

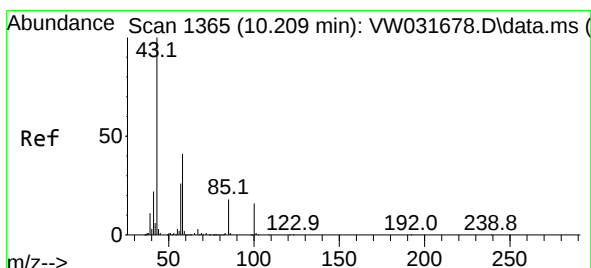
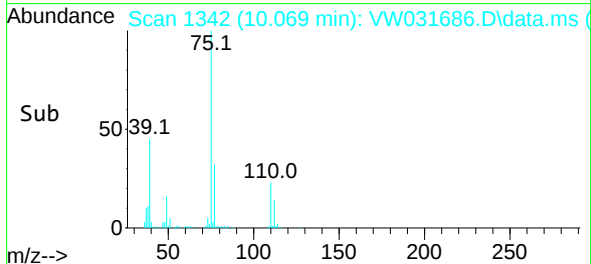
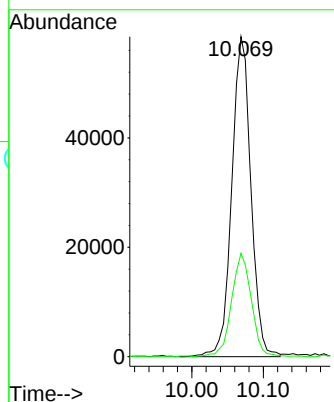
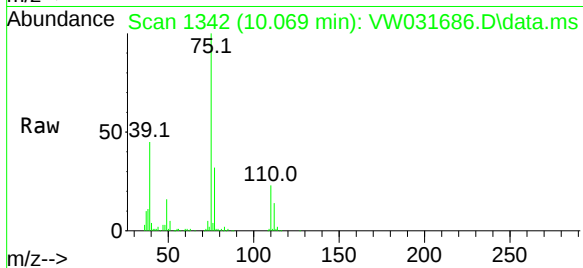
VSTD025494

Tgt Ion: 75 Resp: 108677

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.343 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

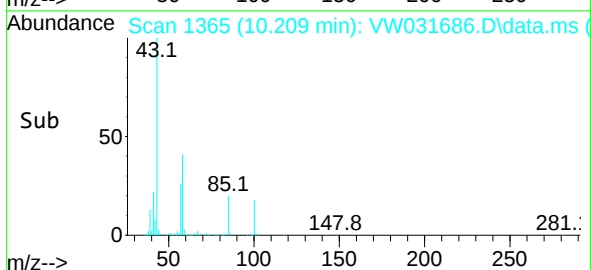
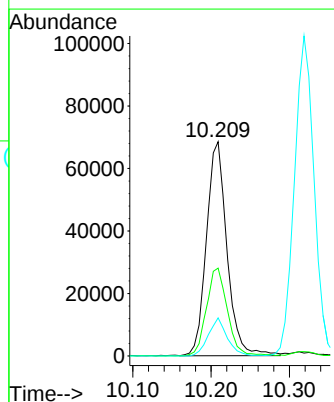
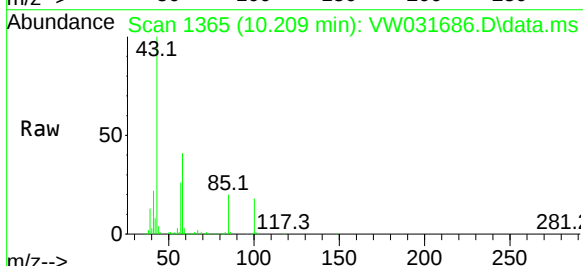
Tgt Ion: 43 Resp: 124896

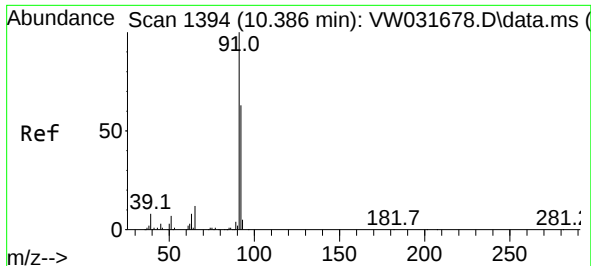
Ion Ratio Lower Upper

43 100

58 41.8 33.5 50.3

100 16.3 12.9 19.3

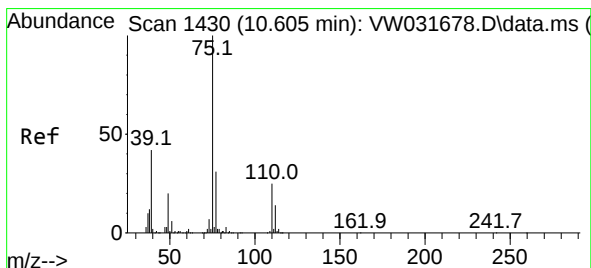
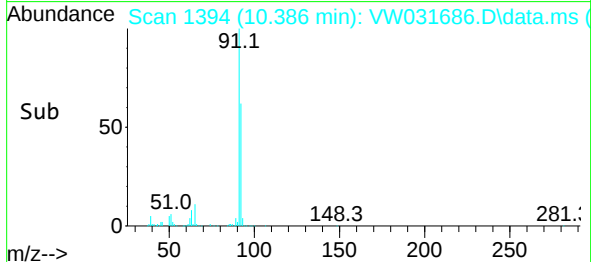
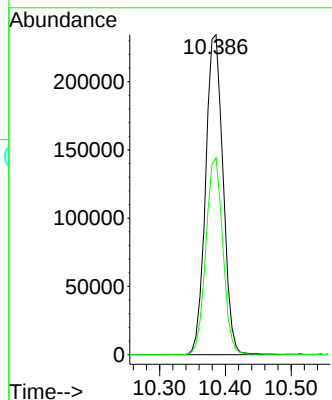
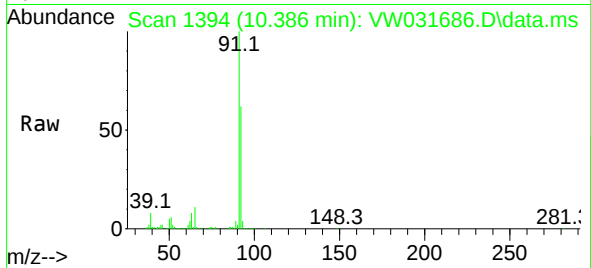




#42
Toluene
Concen: 24.905 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

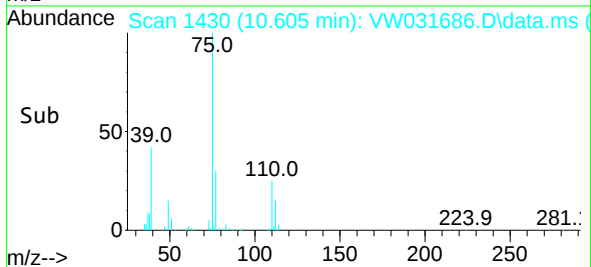
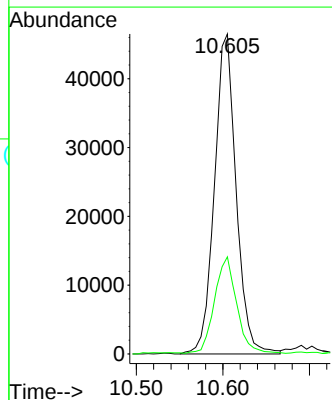
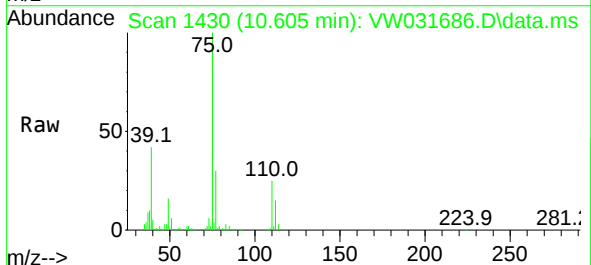
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

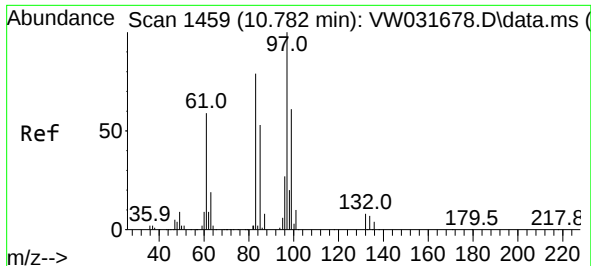
Tgt Ion: 91 Resp: 432492
Ion Ratio Lower Upper
91 100
92 61.6 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 26.732 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 75 Resp: 80958
Ion Ratio Lower Upper
75 100
77 30.4 22.1 41.1

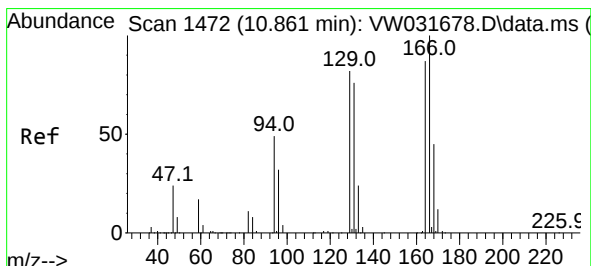
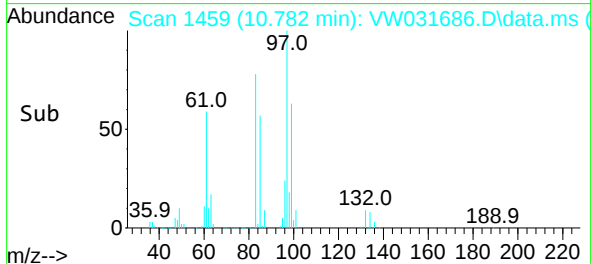
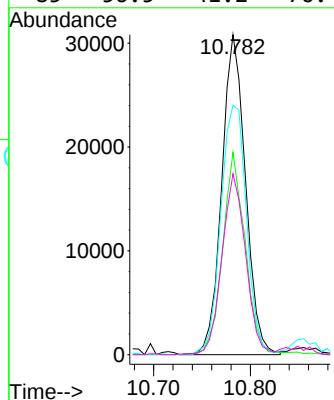
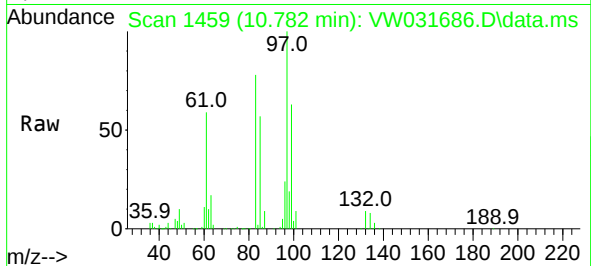




#45
1,1,2-Trichloroethane
Concen: 26.168 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

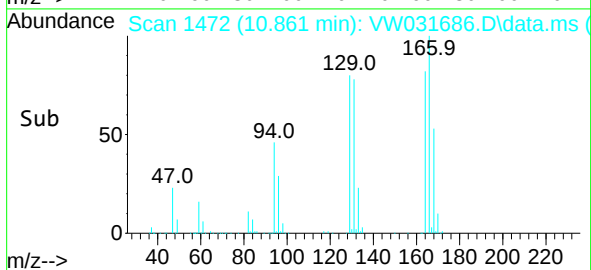
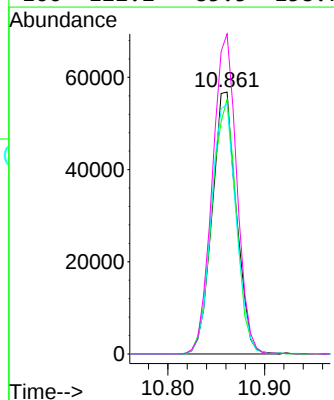
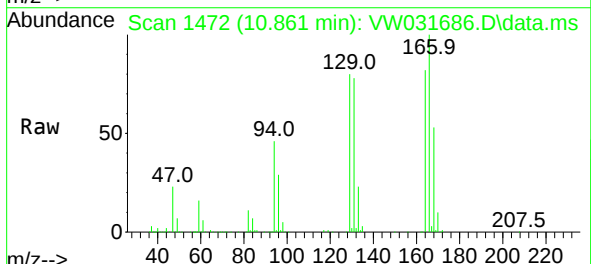
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

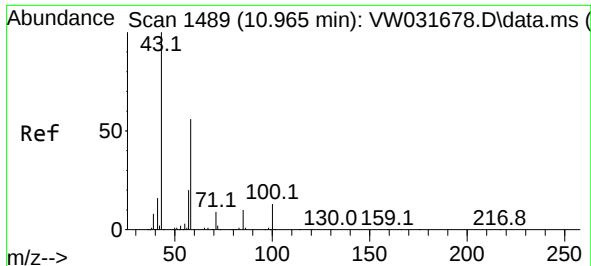
Tgt Ion: 97	Resp: 52457
Ion Ratio	Lower Upper
97 100	
99 63.3	44.9 83.5
83 77.9	60.7 112.7
85 56.5	41.2 76.4



#46
Tetrachloroethene
Concen: 27.112 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt	Ion:164	Resp:	98943
Ion	Ratio	Lower	Upper
164	100		
129	97.2	68.5	127.3
131	95.5	65.9	122.5
166	122.2	85.5	158.7

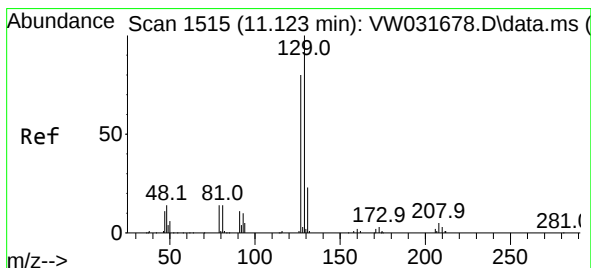
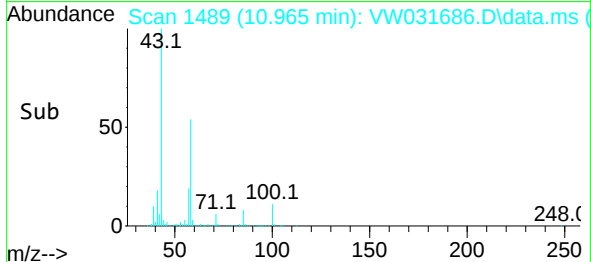
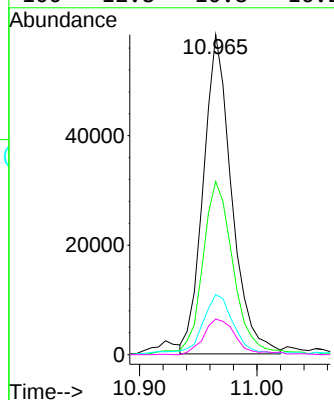
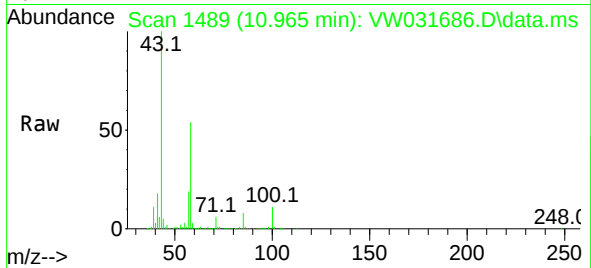




#48
2-Hexanone
Concen: 58.760 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

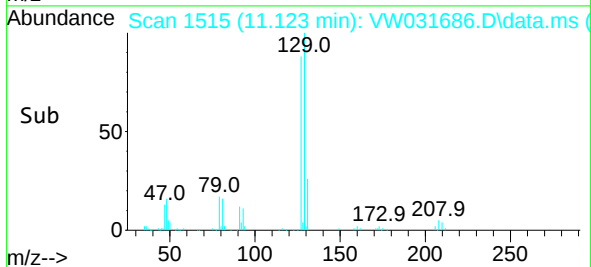
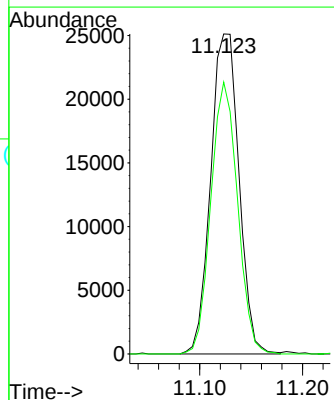
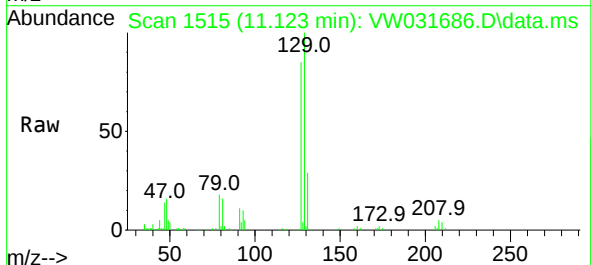
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

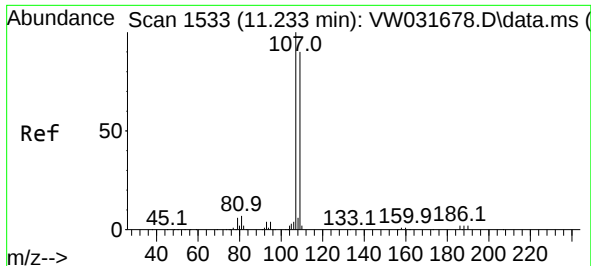
Tgt Ion: 43	Resp: 97858
Ion Ratio	Lower Upper
43 100	
58 58.2	46.0 69.0
57 21.5	16.4 24.6
100 12.8	10.8 16.2



#49
Dibromochloromethane
Concen: 25.918 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion:129	Resp:	48089	
Ion	Ratio	Lower	Upper
129	100		
127	84.9	56.4	104.7

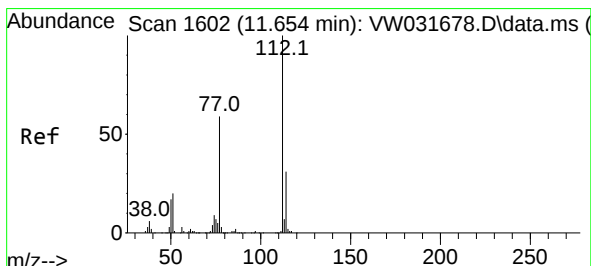
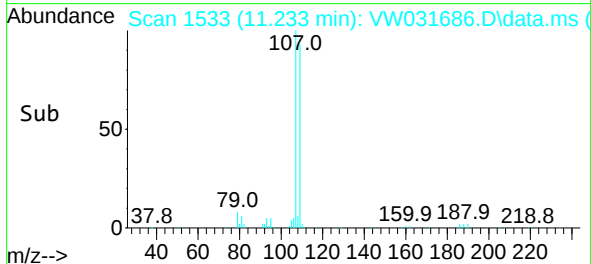
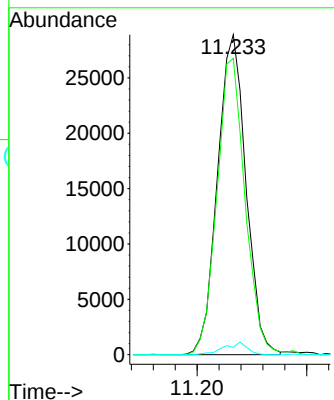
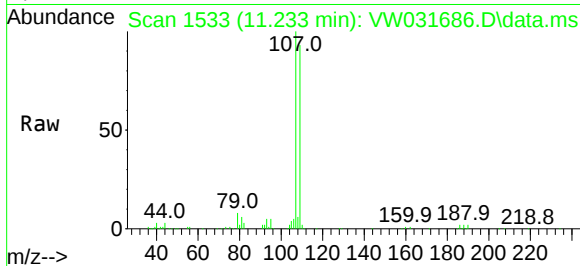




#50
1,2-Dibromoethane
Concen: 26.912 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

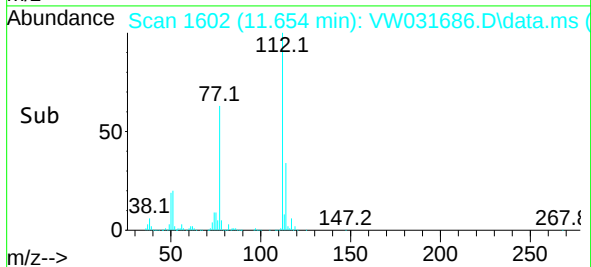
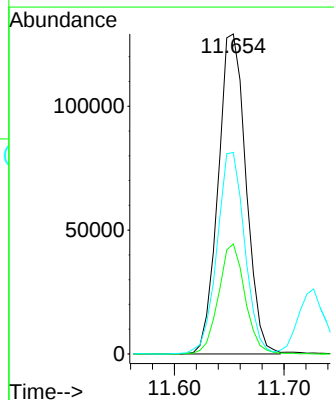
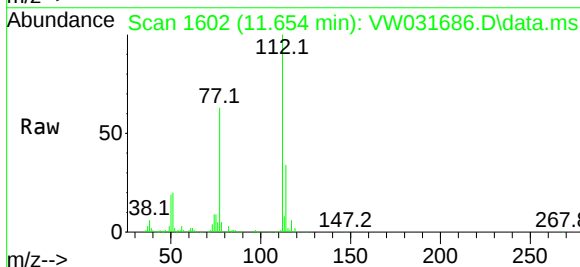
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

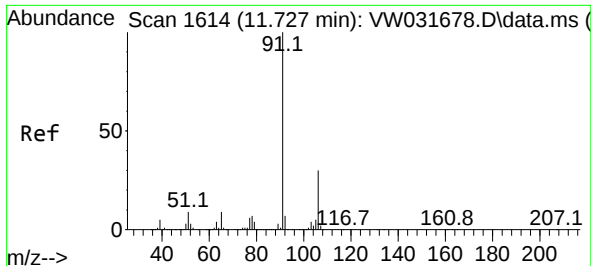
Tgt Ion:107 Resp: 52111
Ion Ratio Lower Upper
107 100
109 92.6 62.9 116.7
188 2.3 3.0 4.4#



#51
Chlorobenzene
Concen: 24.545 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion:112 Resp: 228185
Ion Ratio Lower Upper
112 100
114 34.4 21.1 39.3
77 63.0 46.6 69.8

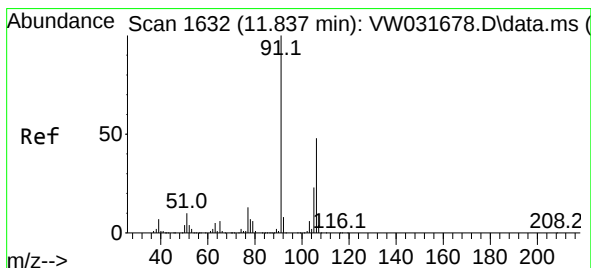
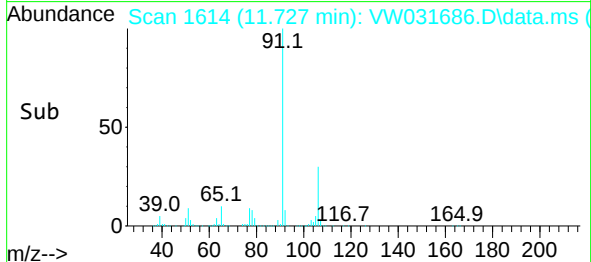
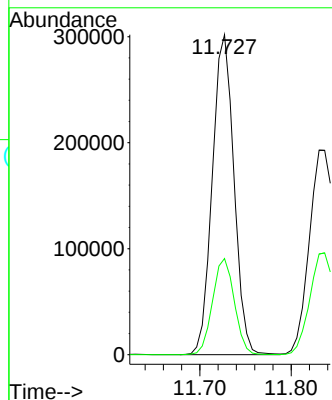
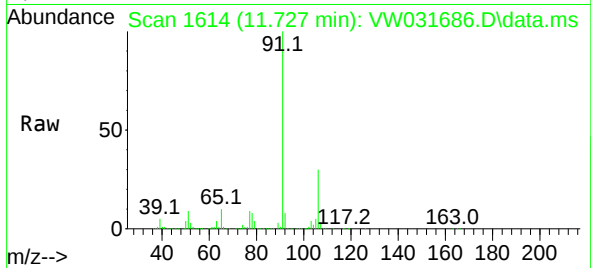




#52
Ethylbenzene
Concen: 24.804 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

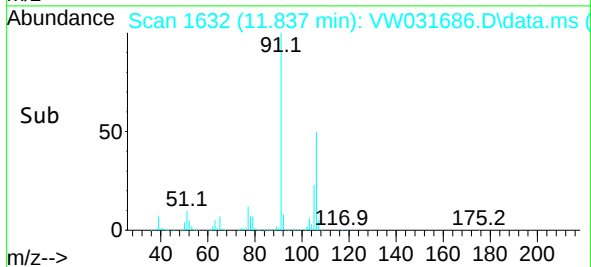
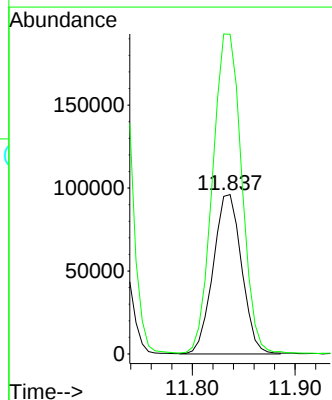
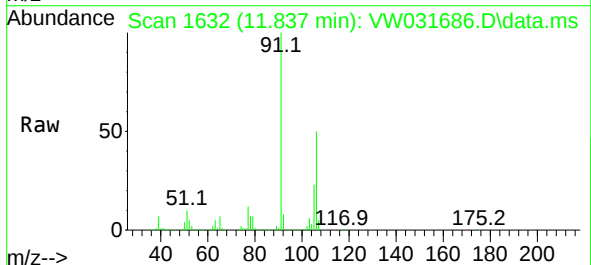
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

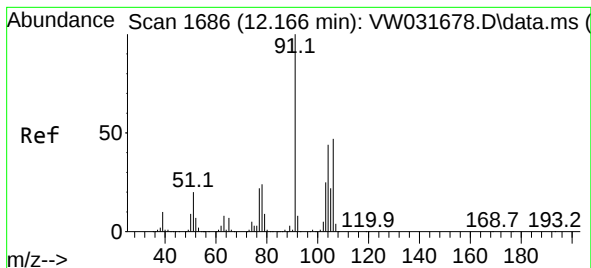
Tgt Ion: 91 Resp: 496784
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 25.506 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion:106 Resp: 184910
Ion Ratio Lower Upper
106 100
91 200.5 147.2 273.4

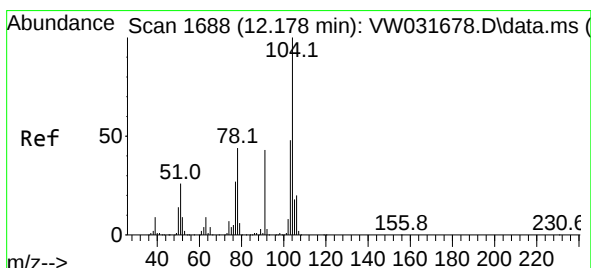
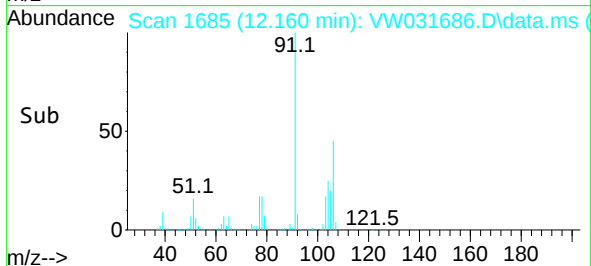
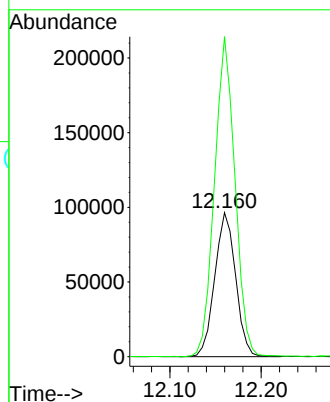
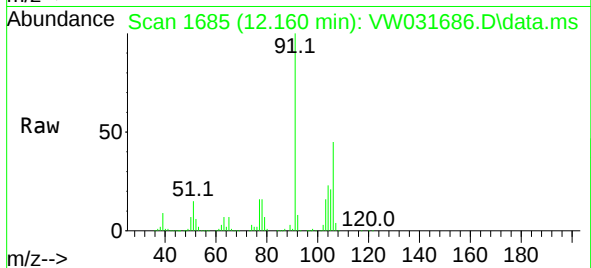




#54
o-Xylene
Concen: 24.837 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

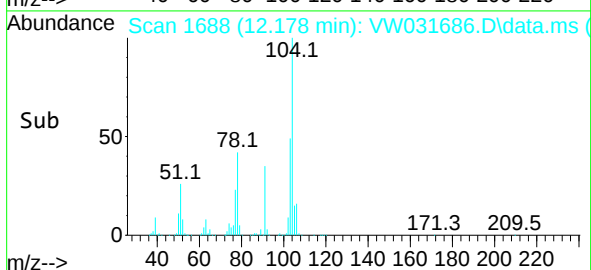
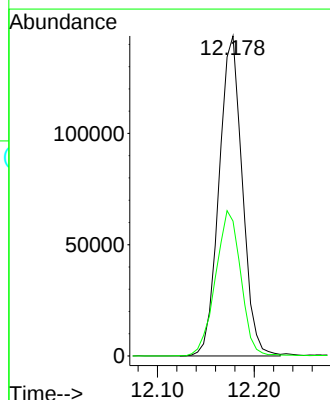
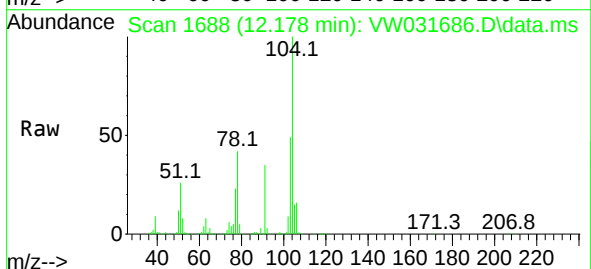
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

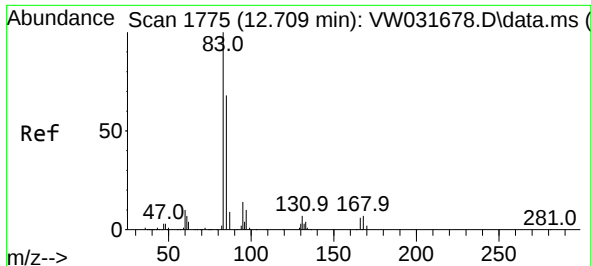
Tgt Ion:106 Resp: 153402
Ion Ratio Lower Upper
106 100
91 222.2 152.7 283.7



#55
Styrene
Concen: 25.163 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion:104 Resp: 239829
Ion Ratio Lower Upper
104 100
78 42.2 29.0 53.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.350 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

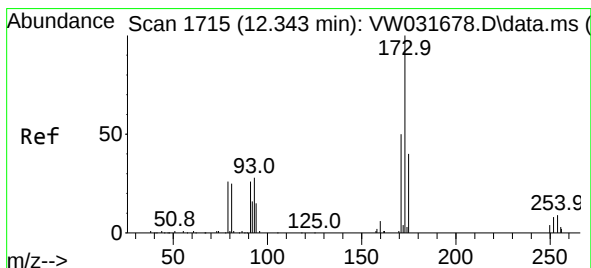
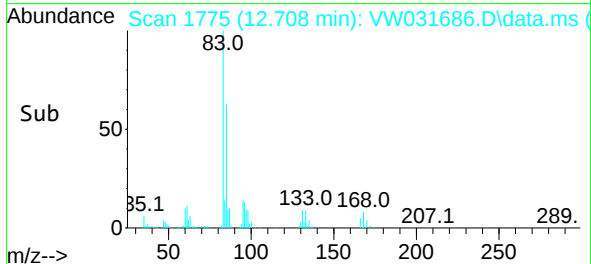
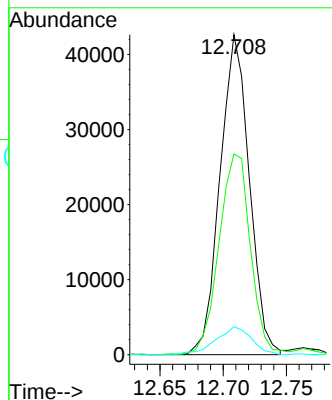
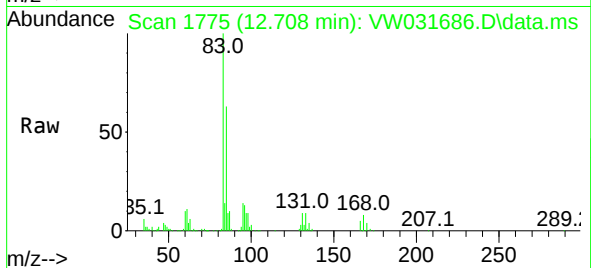
Tgt Ion: 83 Resp: 68619

Ion Ratio Lower Upper

83 100

85 62.8 46.3 86.1

131 8.7 7.1 10.7



#59

Bromoform

Concen: 27.706 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

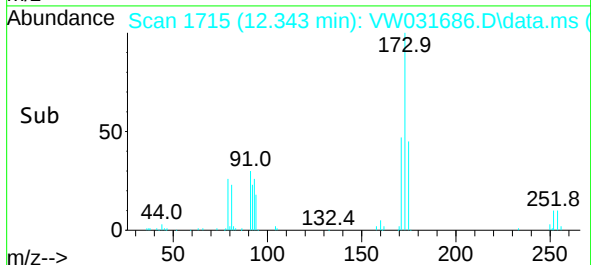
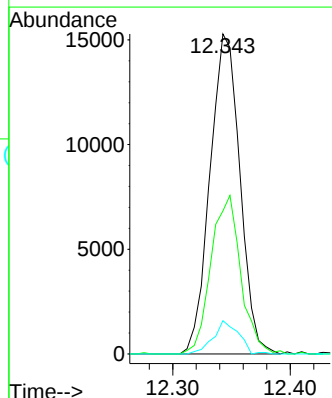
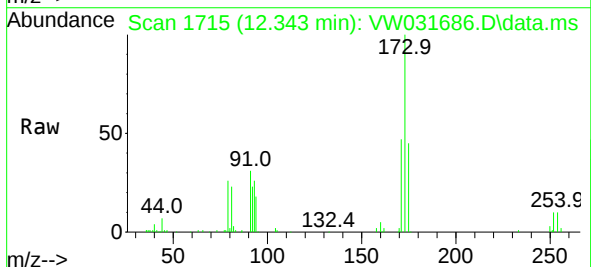
Tgt Ion:173 Resp: 27091

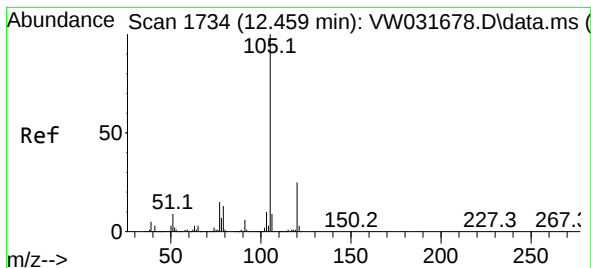
Ion Ratio Lower Upper

173 100

175 49.2 37.3 55.9

254 8.6 6.9 10.3





#60

Isopropylbenzene

Concen: 25.422 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

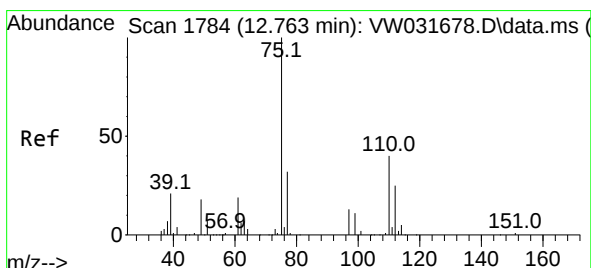
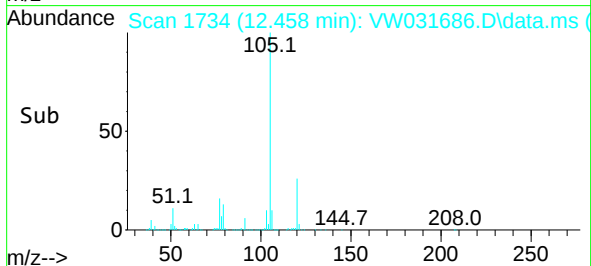
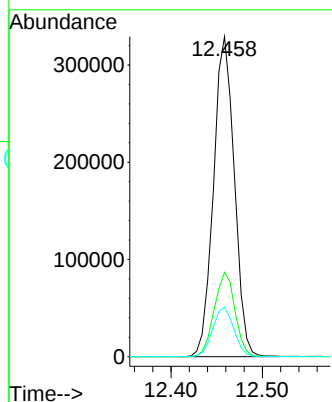
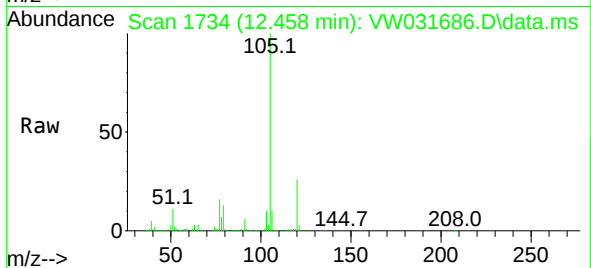
Tgt Ion:105 Resp: 521448

Ion Ratio Lower Upper

105 100

120 26.2 20.7 31.1

77 15.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 26.758 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

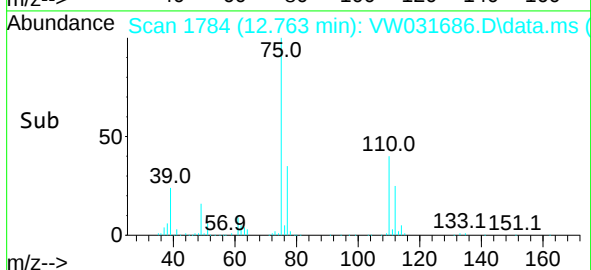
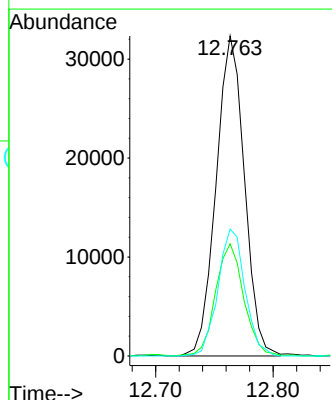
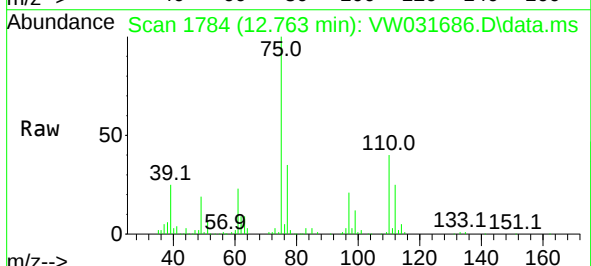
Tgt Ion: 75 Resp: 54204

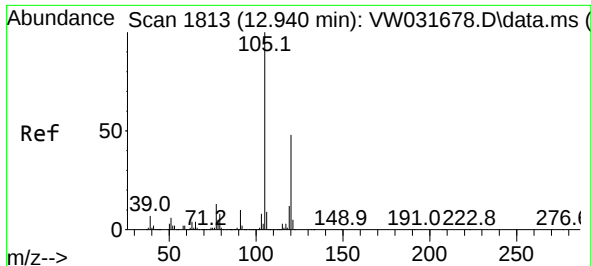
Ion Ratio Lower Upper

75 100

77 34.8 27.4 41.2

110 38.0 29.8 44.8

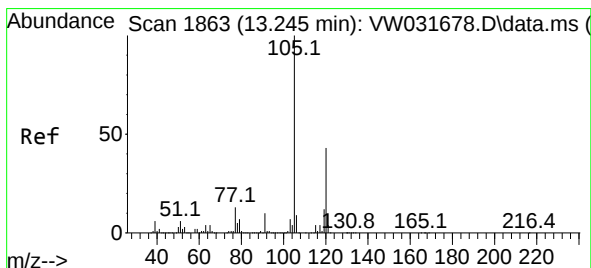
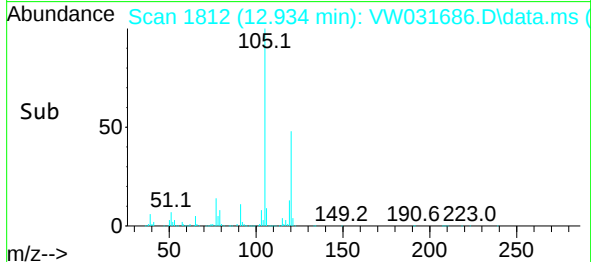
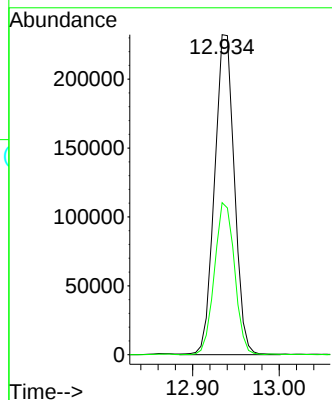
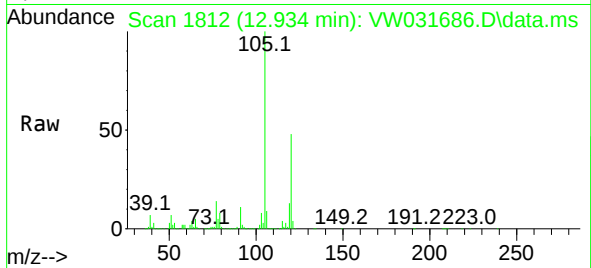




#62
 1,3,5-Trimethylbenzene
 Concen: 24.474 ug/L
 RT: 12.934 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

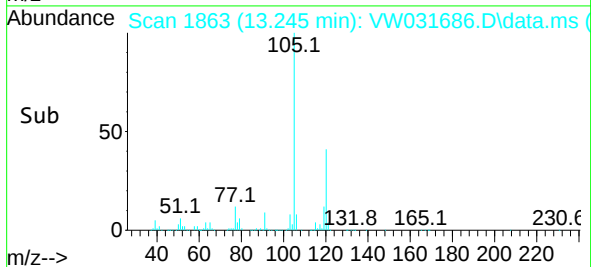
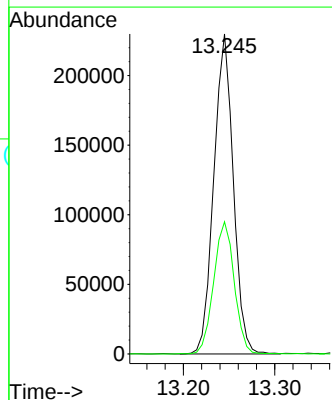
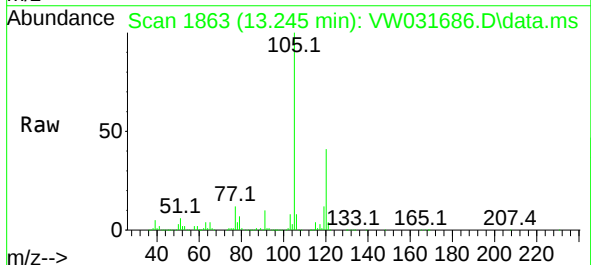
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

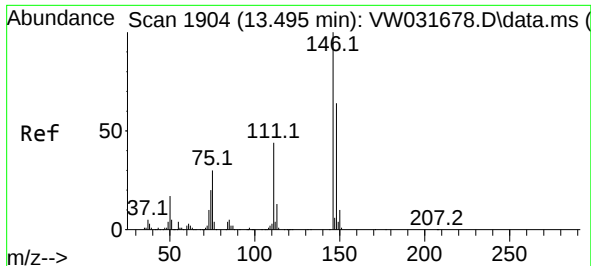
Tgt Ion:105 Resp: 369094
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 25.098 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031686.D
 Acq: 03 Feb 2025 16:32

Tgt Ion:105 Resp: 340030
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.1 52.7

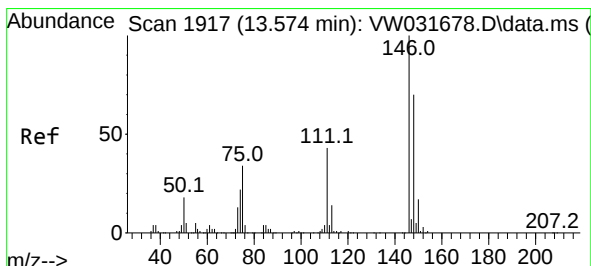
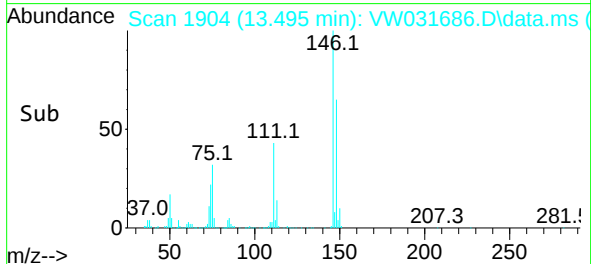
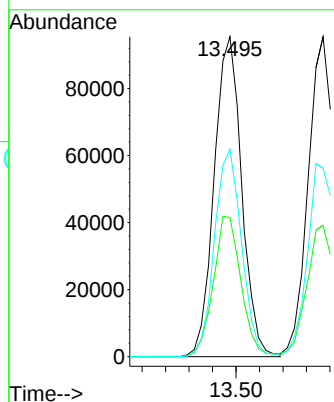
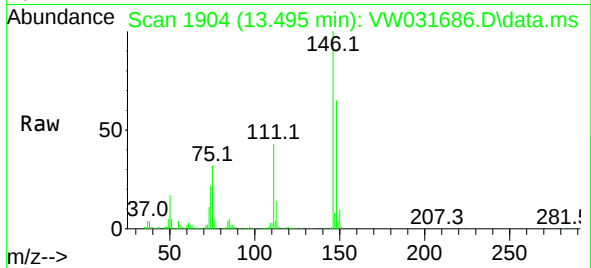




#64
1,3-Dichlorobenzene
Concen: 24.907 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

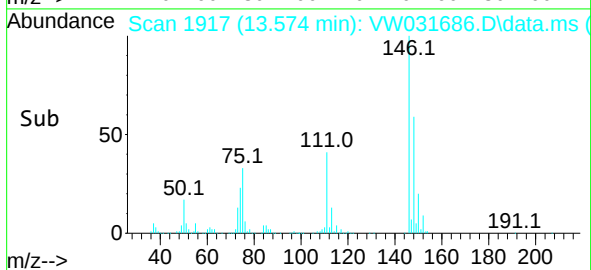
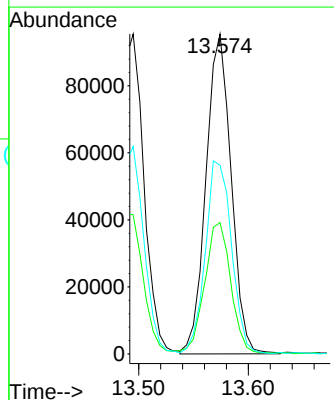
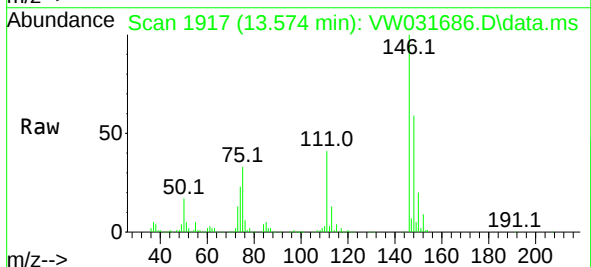
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

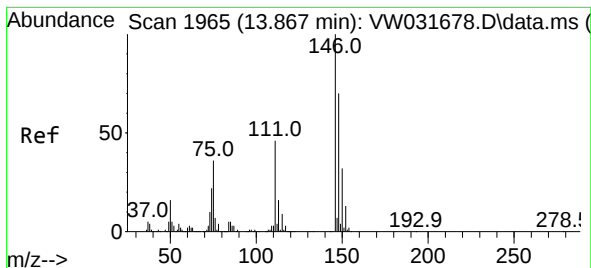
Tgt Ion:146 Resp: 155197
Ion Ratio Lower Upper
146 100
111 43.5 30.2 56.2
148 64.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 24.839 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion:146 Resp: 152579
Ion Ratio Lower Upper
146 100
111 41.1 28.1 52.3
148 59.0 41.4 77.0

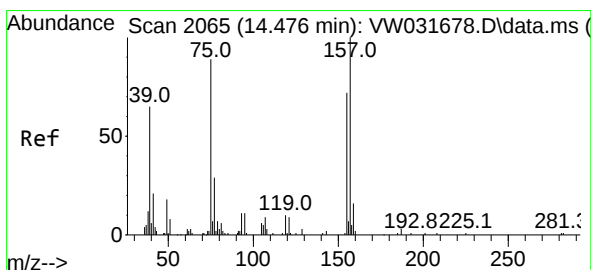
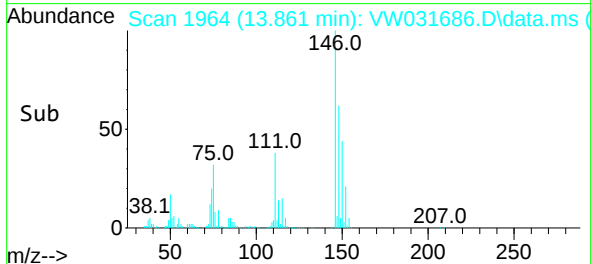
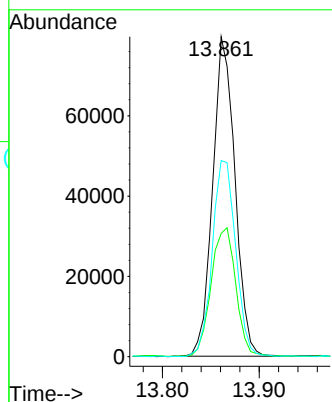
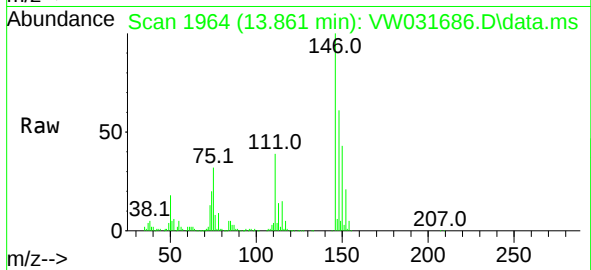




#67
1,2-Dichlorobenzene
Concen: 24.969 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

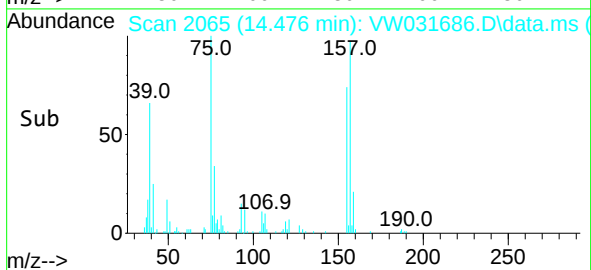
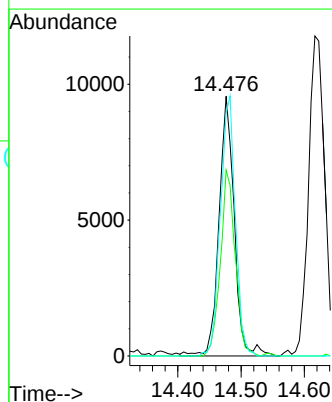
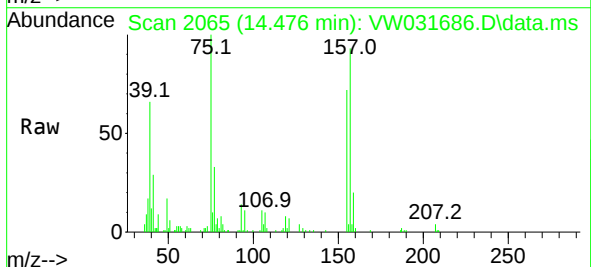
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

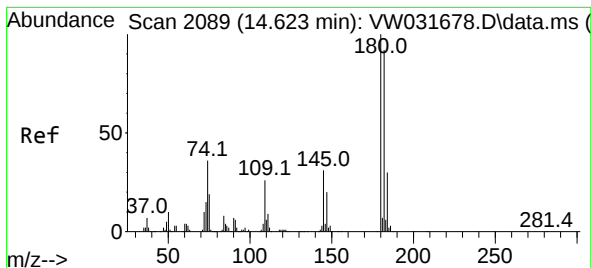
Tgt Ion:146 Resp: 127316
Ion Ratio Lower Upper
146 100
111 38.5 33.4 50.0
148 61.3 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 28.560 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion: 75 Resp: 15936
Ion Ratio Lower Upper
75 100
155 71.6 60.6 91.0
157 93.3 74.1 111.1





#69

1,3,5-Trichlorobenzene

Concen: 22.718 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

Tgt Ion:180 Resp: 98736

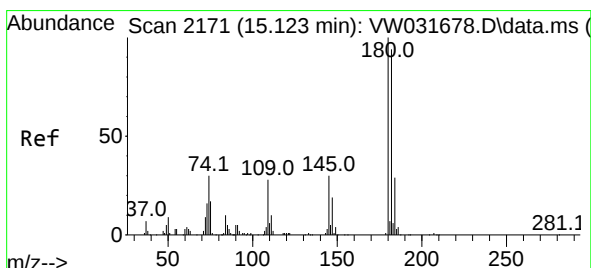
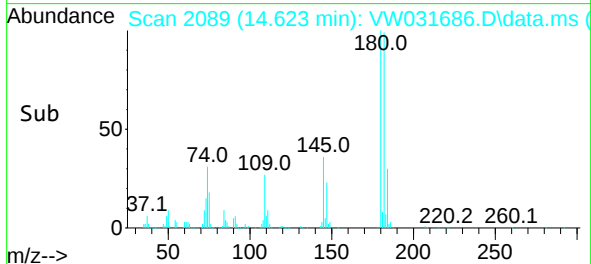
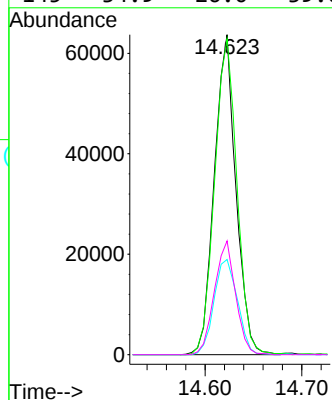
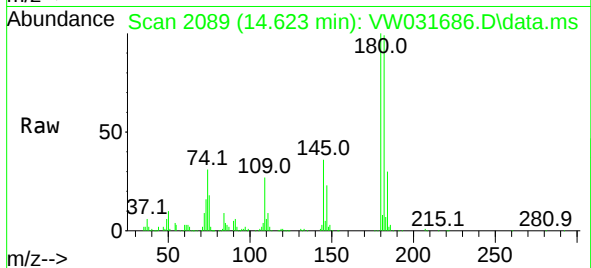
Ion Ratio Lower Upper

180 100

182 101.7 75.1 112.7

184 32.4 23.7 35.5

145 34.9 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 24.411 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031686.D

Acq: 03 Feb 2025 16:32

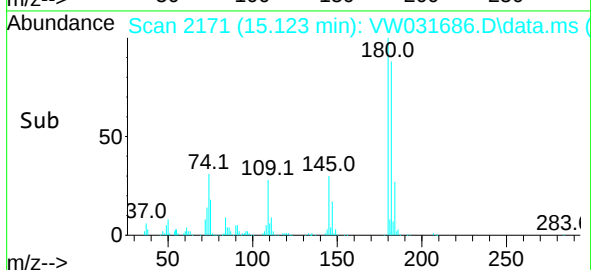
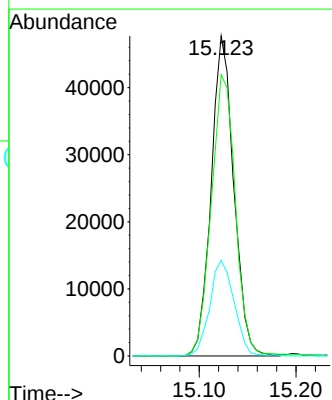
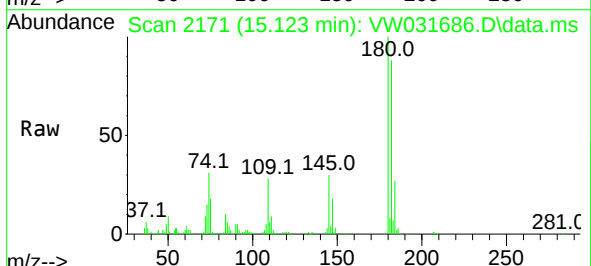
Tgt Ion:180 Resp: 77444

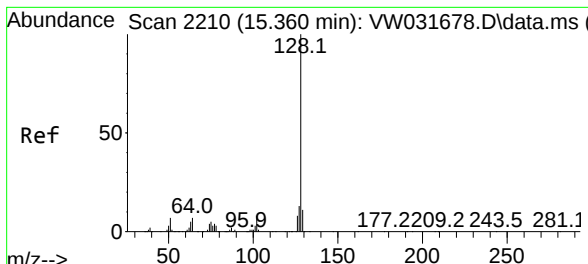
Ion Ratio Lower Upper

180 100

182 93.1 73.0 109.4

145 32.2 26.7 40.1



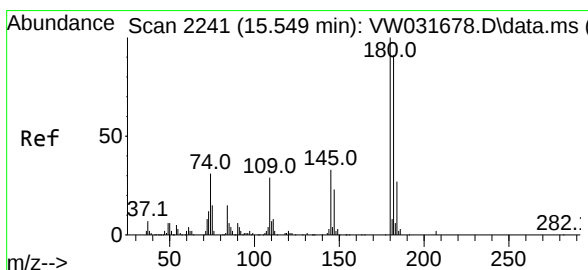
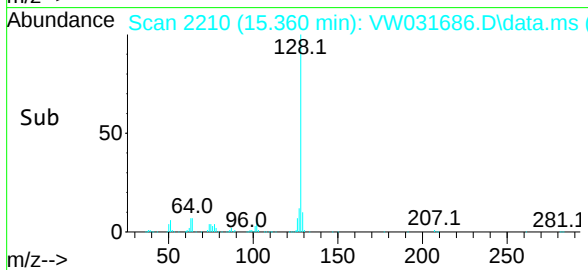
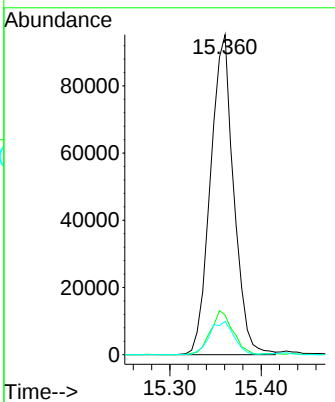
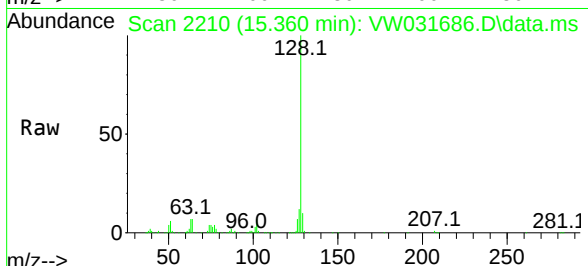


#71
Naphthalene
Concen: 25.940 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

Tgt Ion:128 Resp: 168303

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	10.8	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.164 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW031686.D
Acq: 03 Feb 2025 16:32

Tgt Ion:180 Resp: 62482

Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.4
145	35.7	30.2	45.4

