

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031695.D
 Acq On : 08 May 2025 11:33
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025466

Quant Time: May 08 14:33:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	450107	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305002	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128857	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	307761	28.81	ug/L	0.00
7) Chloroethane-d5	2.893	69	176122	27.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.009	65	128246	28.82	ug/L	0.00
21) 2-Butanone-d5	7.094	46	107504	48.35	ug/L	0.00
24) Chloroform-d	7.648	84	264365	25.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	94784	24.20	ug/L	0.00
32) Benzene-d6	8.270	84	608130	26.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	134580	25.26	ug/L	0.00
41) Toluene-d8	10.319	98	545680	26.00	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	43684	24.80	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	55472	49.30	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86375	23.90	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	101664	23.28	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	252278	28.06	ug/L	# 87
3) Chloromethane	2.216	50	161954	22.79	ug/L	100
5) Vinyl chloride	2.375	62	302979	28.36	ug/L	100
6) Bromomethane	2.783	94	108890	25.16	ug/L	100
8) Chloroethane	2.930	64	137726	26.87	ug/L	100
9) Trichlorofluoromethane	3.259	101	219135	26.23	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	316692	28.80	ug/L	100
12) 1,1-Dichloroethene	4.045	96	241210	28.14	ug/L	100
13) Acetone	4.155	43	73776	47.13	ug/L	100
14) Carbon disulfide	4.387	76	725092	26.82	ug/L	100
15) Methyl Acetate	4.686	43	69115	23.97	ug/L	100
16) Methylene chloride	4.923	84	112130	24.04	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	198307	26.40	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	130331	24.40	ug/L	100
19) 1,1-Dichloroethane	6.216	63	299003	25.64	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	146458	25.40	ug/L	100
22) 2-Butanone	7.185	43	117772	50.68	ug/L	100
23) Bromochloromethane	7.508	128	44184	23.64	ug/L	100
25) Chloroform	7.673	83	250450	24.99	ug/L	100
27) 1,2-Dichloroethane	8.398	62	114708	24.70	ug/L	100
29) Cyclohexane	7.953	56	553948	28.06	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	349264	27.26	ug/L	100
31) Carbon tetrachloride	8.063	117	354619	27.67	ug/L	100
33) Benzene	8.319	78	668365	26.81	ug/L	100
34) Trichloroethene	9.087	95	221057	26.99	ug/L	100
35) Methylcyclohexane	9.331	83	617464	28.58	ug/L	100
37) 1,2-Dichloropropane	9.368	63	127448	26.33	ug/L	100
38) Bromodichloromethane	9.642	83	132957	24.98	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	152455	25.45	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	149307	50.34	ug/L	100
42) Toluene	10.386	91	716587	27.05	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	111298	24.78	ug/L	100

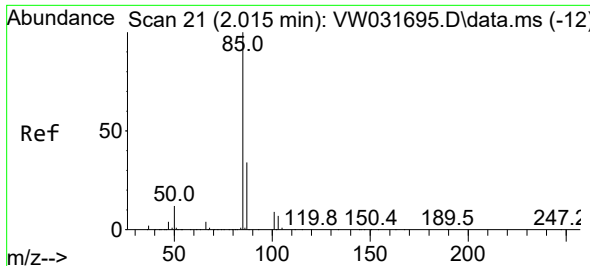
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031695.D
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Quant Time: May 08 14:33:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	70819	25.65	ug/L	100
46) Tetrachloroethene	10.855	164	189691	27.68	ug/L	100
48) 2-Hexanone	10.965	43	126480	53.74	ug/L	100
49) Dibromochloromethane	11.123	129	68001	24.39	ug/L	100
50) 1,2-Dibromoethane	11.233	107	66683	25.70	ug/L	100
51) Chlorobenzene	11.654	112	337083	25.54	ug/L	100
52) Ethylbenzene	11.727	91	862909	27.10	ug/L	100
53) m,p-Xylene	11.837	106	317032	27.66	ug/L	100
54) o-Xylene	12.160	106	245269	27.19	ug/L	100
55) Styrene	12.178	104	349974	26.92	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	89546	25.01	ug/L	100
59) Bromoform	12.349	173	39103	25.55	ug/L	100
60) Isopropylbenzene	12.459	105	960040	27.05	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69762	24.56	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	663865	27.33	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	550724	26.66	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	234946	25.09	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	226378	25.93	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	178135	25.02	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.477	75	21664	23.64	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	166259	25.76	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	111338	25.46	ug/L	100
71) Naphthalene	15.360	128	211093	24.89	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	87819	24.72	ug/L	100

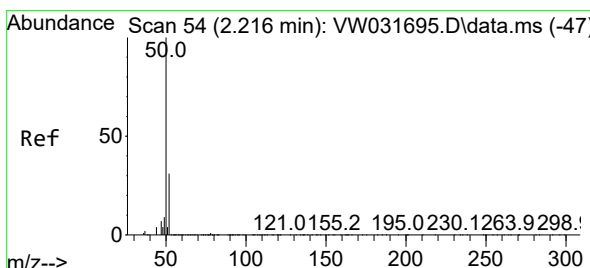
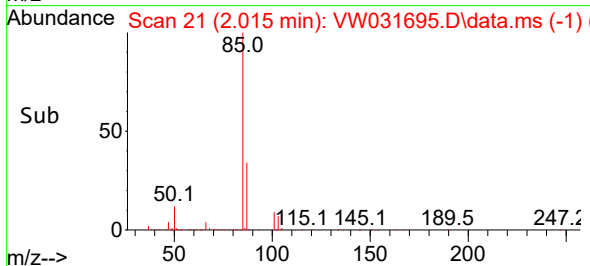
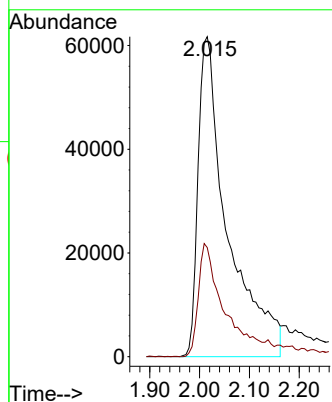
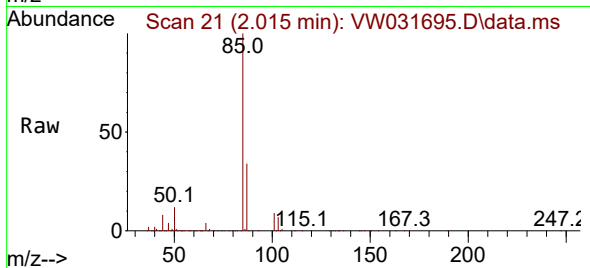
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#2
Dichlorodifluoromethane
Concen: 28.06 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

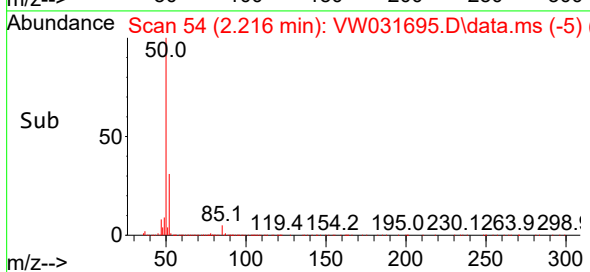
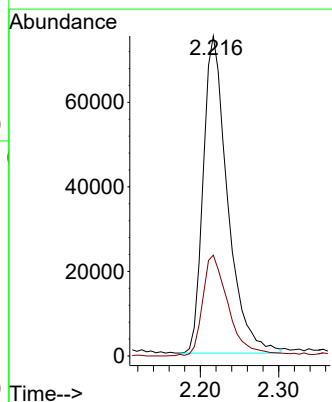
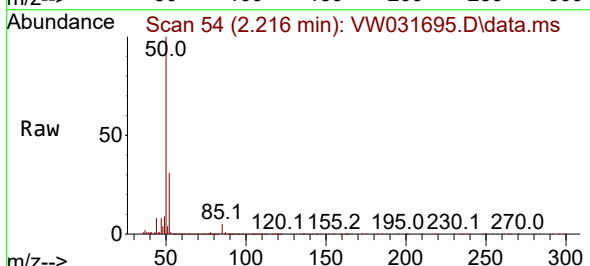
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

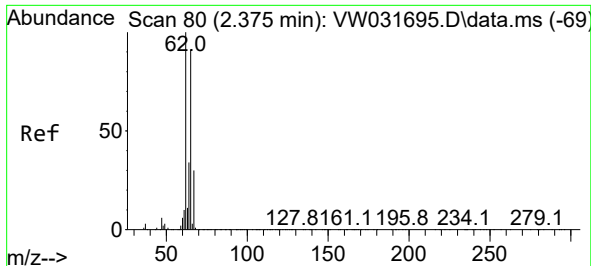
Tgt Ion: 85 Resp: 252278
Ion Ratio Lower Upper
85 100
87 30.8 0.1 0.1#



#3
Chloromethane
Concen: 22.79 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 50 Resp: 161954
Ion Ratio Lower Upper
50 100
52 31.5 22.0 41.0

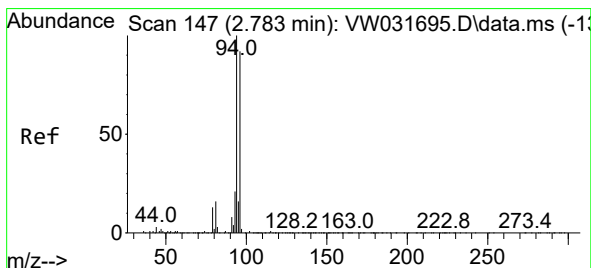
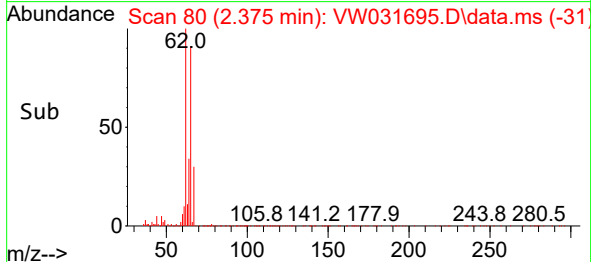
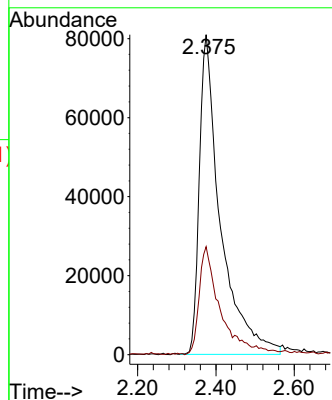
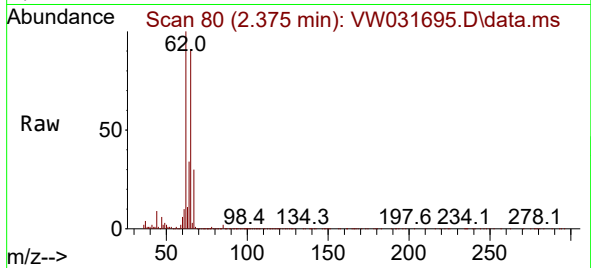




#5
 Vinyl chloride
 Concen: 28.36 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031695.D
 Acq: 08 May 2025 11:33

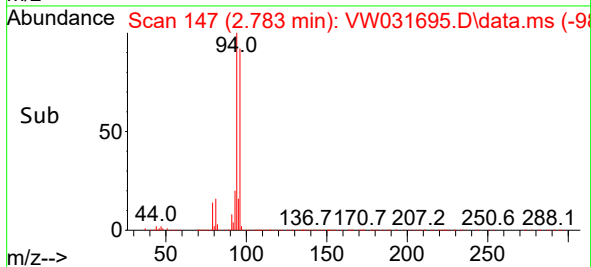
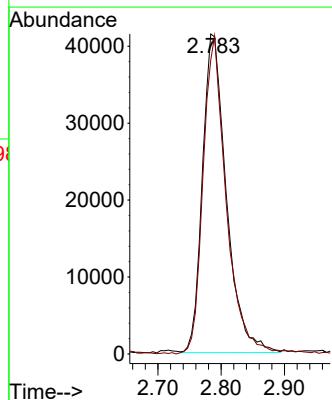
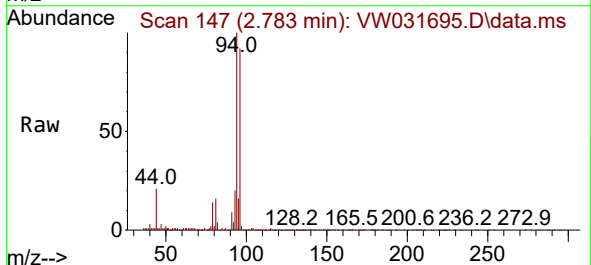
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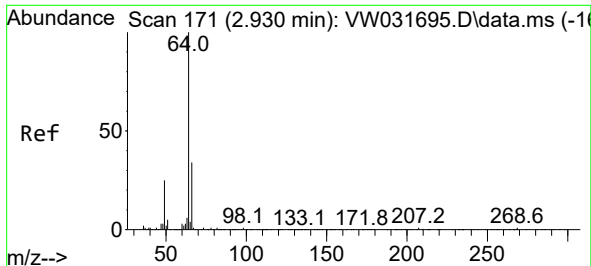
Tgt Ion: 62 Resp: 302979
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.7 43.9



#6
 Bromomethane
 Concen: 25.16 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031695.D
 Acq: 08 May 2025 11:33

Tgt Ion: 94 Resp: 108890
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.3 119.3

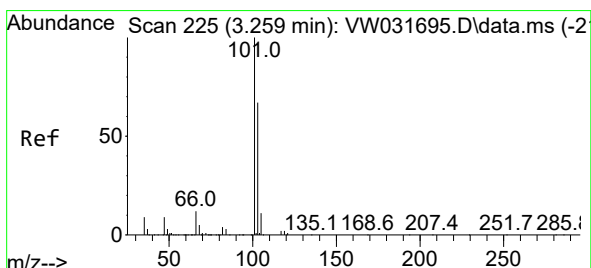
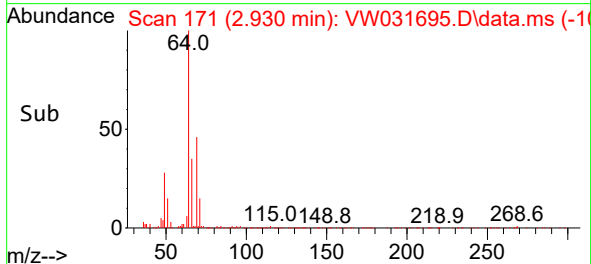
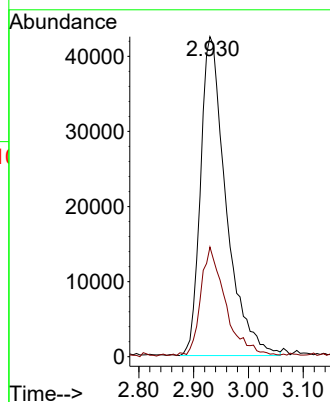
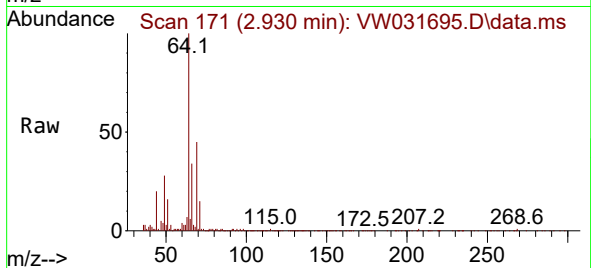




#8
Chloroethane
Concen: 26.87 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

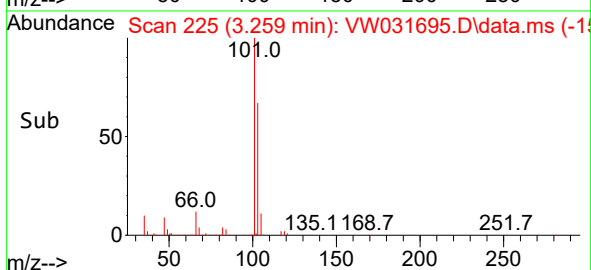
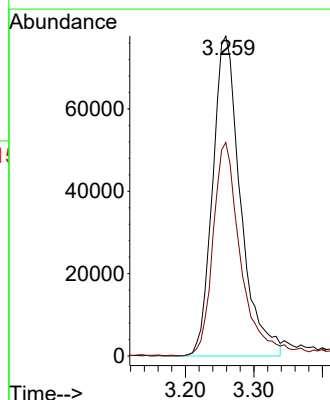
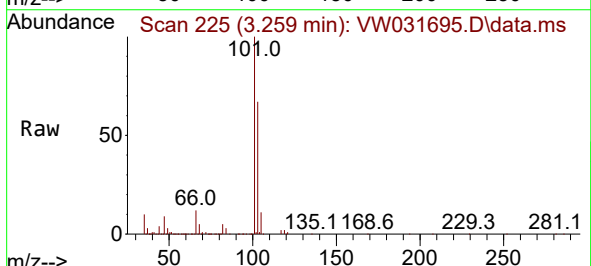
Instrument :
MSVOA_W
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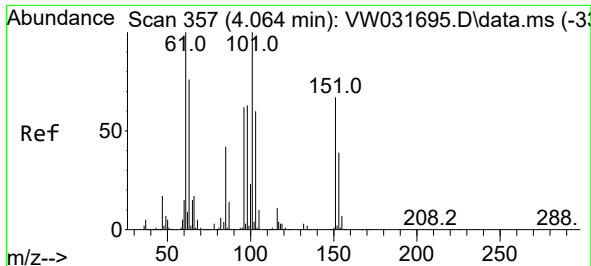
Tgt Ion: 64 Resp: 137726
Ion Ratio Lower Upper
64 100
66 34.2 23.9 44.5



#9
Trichlorofluoromethane
Concen: 26.23 ug/L
RT: 3.259 min Scan# 225
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 101 Resp: 219135
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 28.80 ug/L

RT: 4.064 min Scan# 357

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

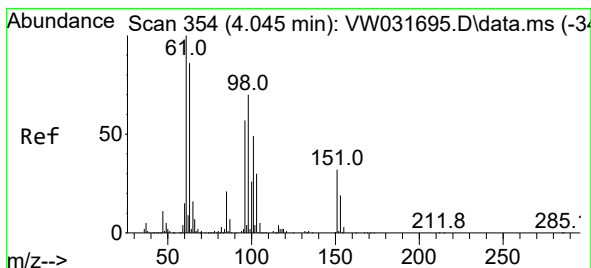
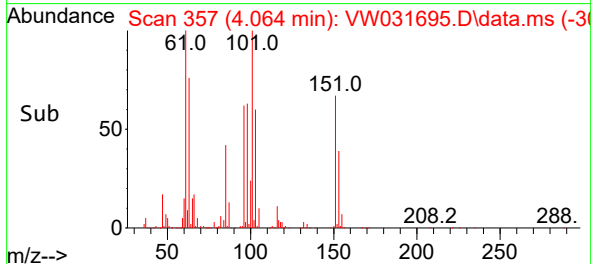
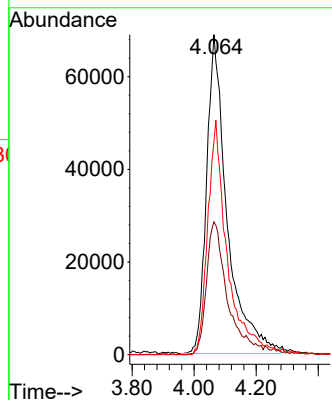
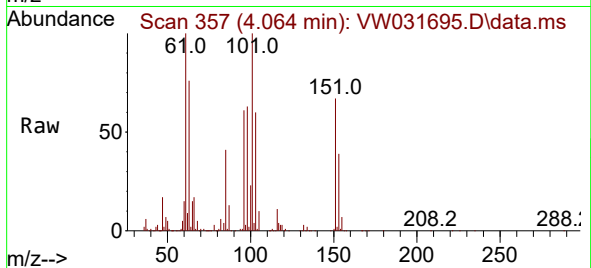
Tgt Ion:101 Resp: 316692

Ion Ratio Lower Upper

101 100

85 39.7 31.8 47.6

151 68.3 54.6 82.0



#12

1,1-Dichloroethene

Concen: 28.14 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

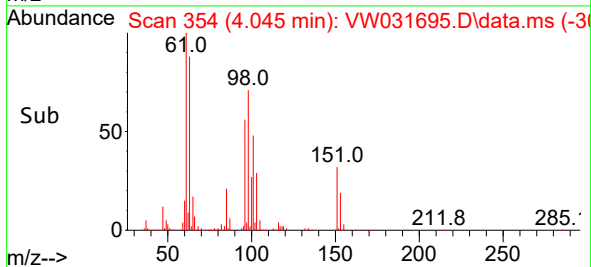
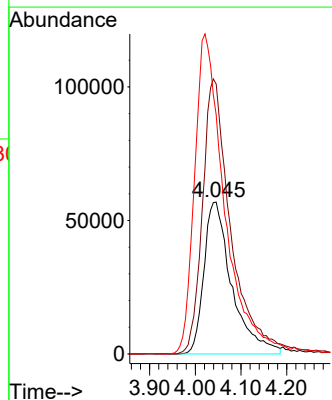
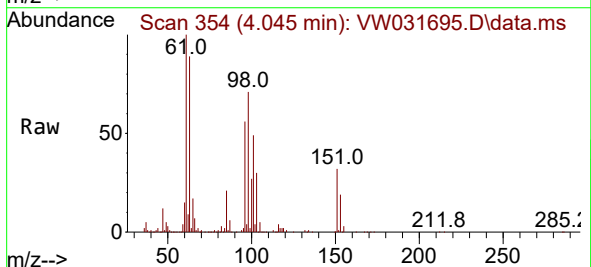
Tgt Ion: 96 Resp: 241210

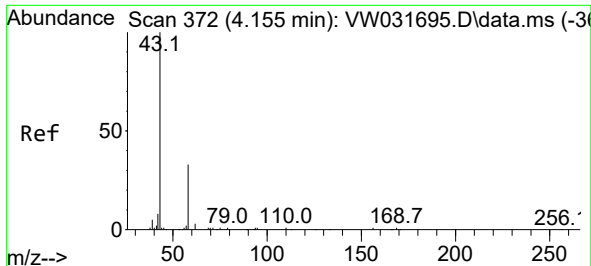
Ion Ratio Lower Upper

96 100

61 177.8 124.5 231.1

63 157.4 110.2 204.6

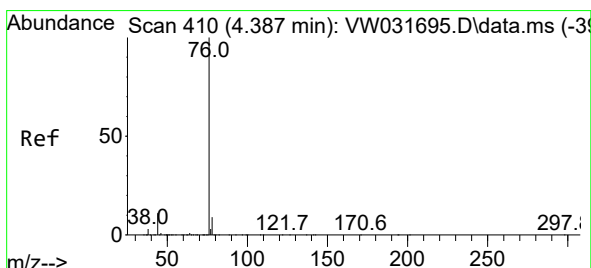
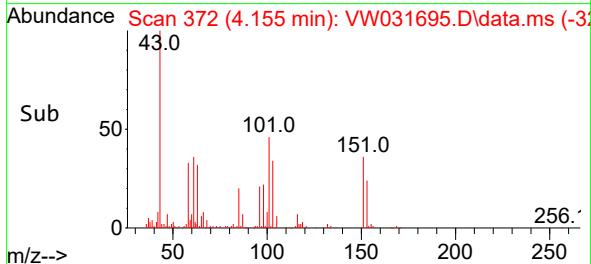
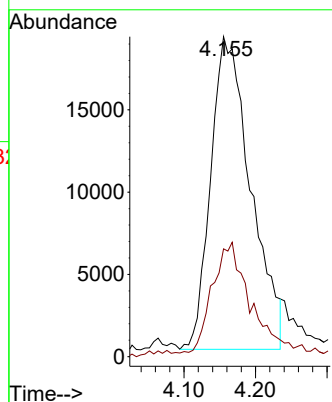
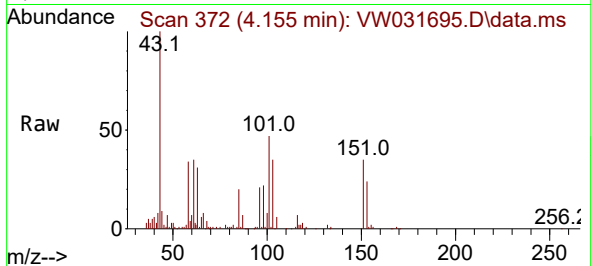




#13
Acetone
Concen: 47.13 ug/L
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

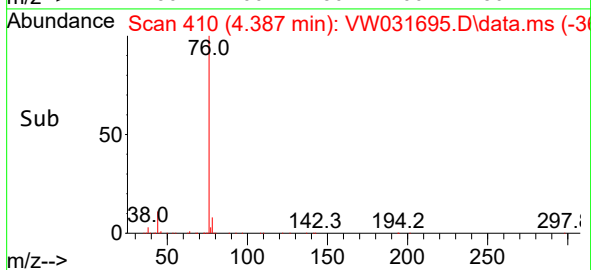
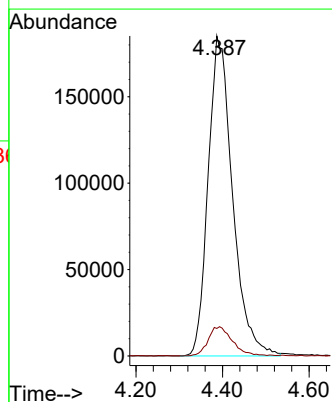
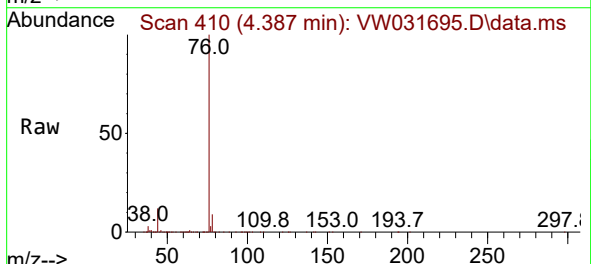
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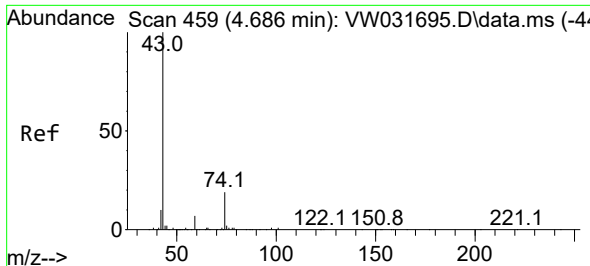
Tgt Ion: 43 Resp: 73776
Ion Ratio Lower Upper
43 100
58 33.1 0.0 66.2



#14
Carbon disulfide
Concen: 26.82 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 76 Resp: 725092
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

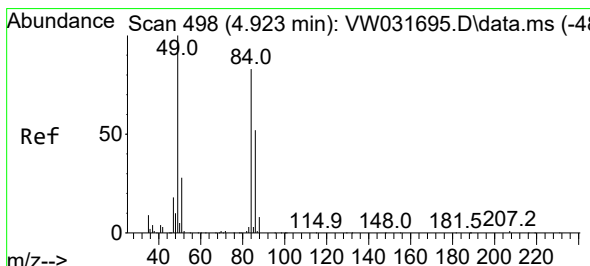
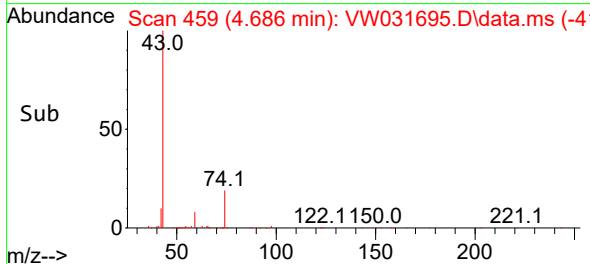
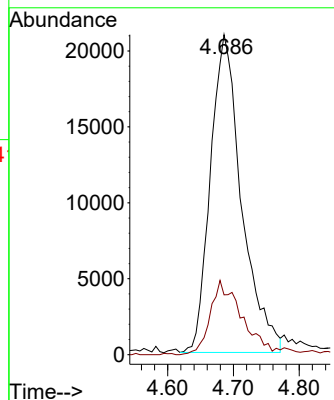
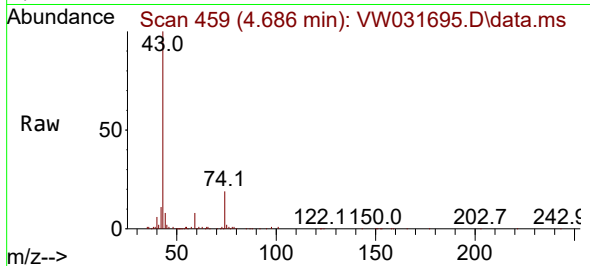




#15
Methyl Acetate
Concen: 23.97 ug/L
RT: 4.686 min Scan# 459
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

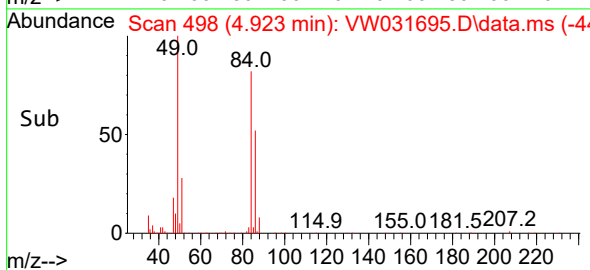
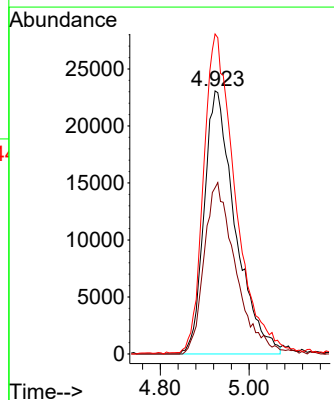
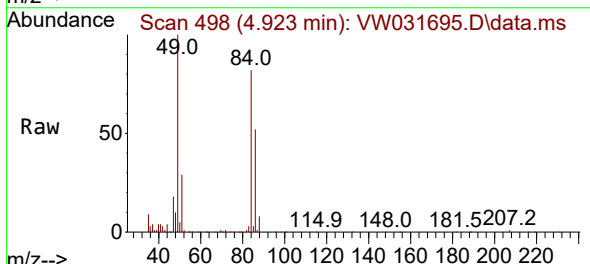
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MSVOA_W
ClientSampleId :
VSTD025466

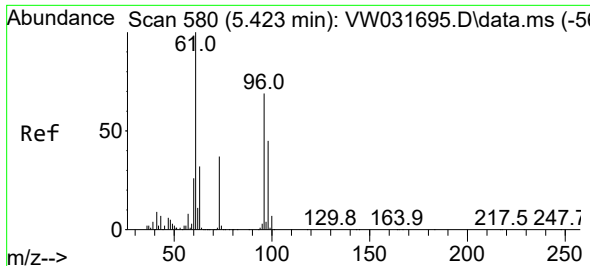
Tgt Ion: 43 Resp: 69115
Ion Ratio Lower Upper
43 100
74 10.9 8.7 13.1



#16
Methylene chloride
Concen: 24.04 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 84 Resp: 112130
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 121.6 85.1 158.1

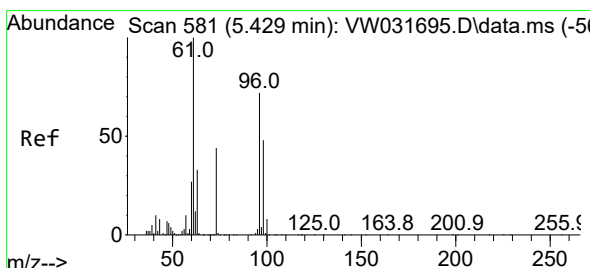
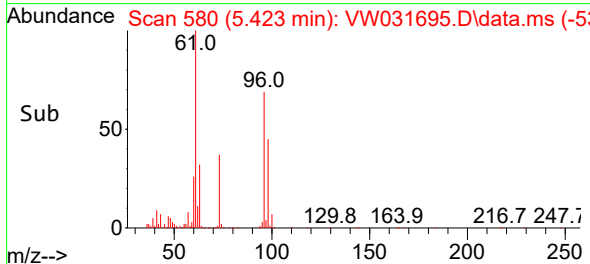
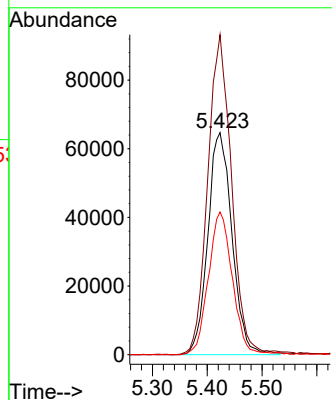
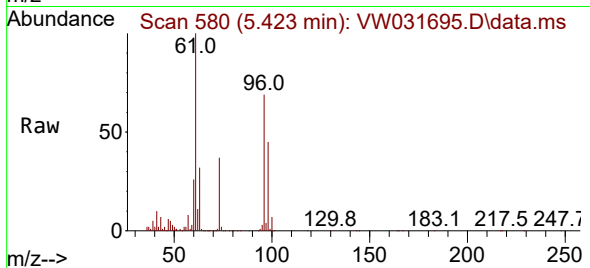




#17
trans-1,2-Dichloroethene
Concen: 26.40 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

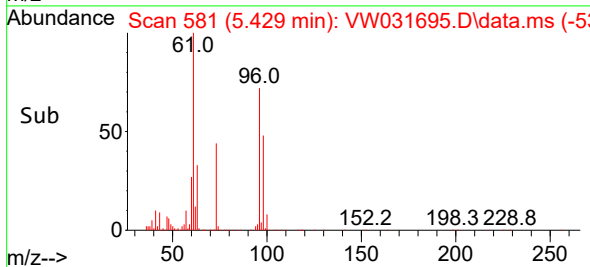
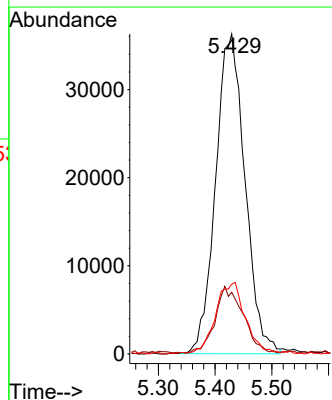
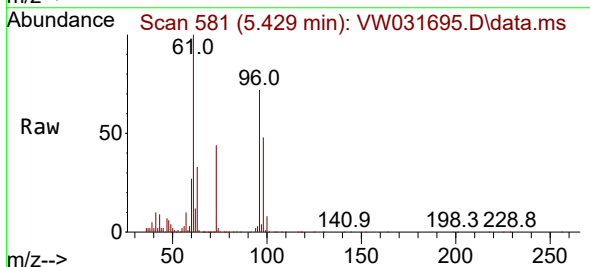
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

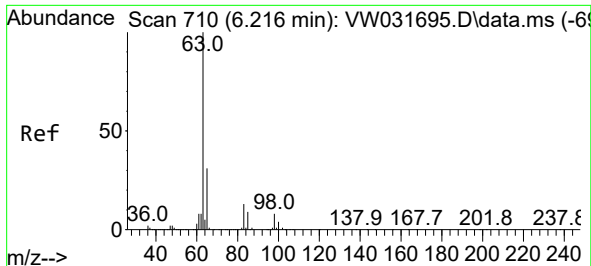
Tgt Ion: 96 Resp: 198307
Ion Ratio Lower Upper
96 100
61 144.1 100.9 187.3
98 64.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 24.40 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 73 Resp: 130331
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 10.6 8.5 12.7





#19

1,1-Dichloroethane

Concen: 25.64 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

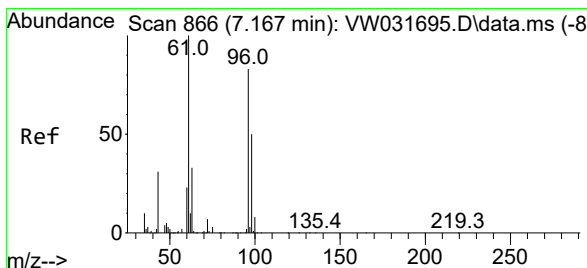
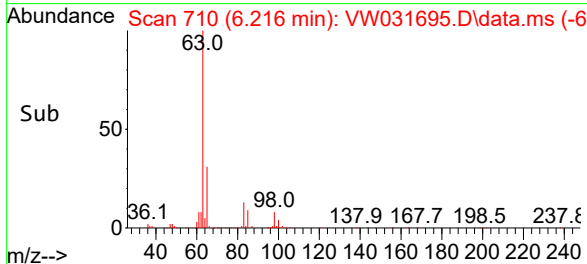
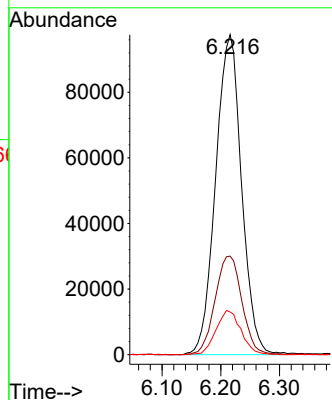
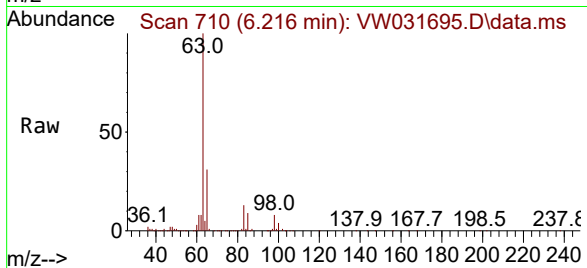
Tgt Ion: 63 Resp: 299003

Ion Ratio Lower Upper

63 100

65 30.8 21.6 40.0

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 25.40 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

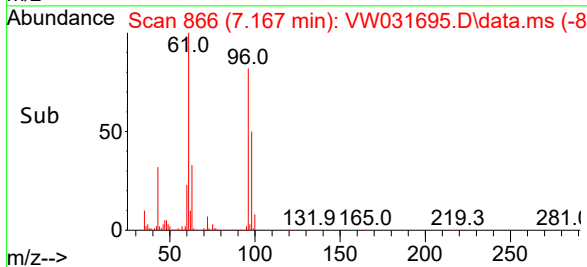
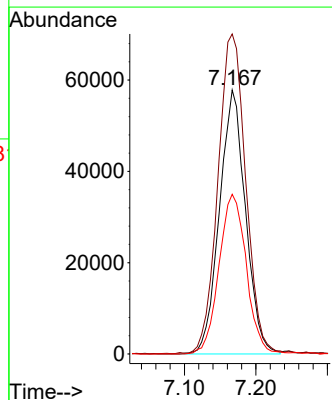
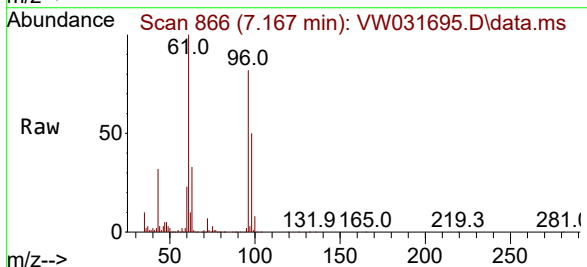
Tgt Ion: 96 Resp: 146458

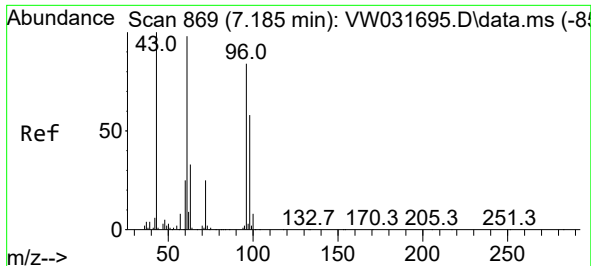
Ion Ratio Lower Upper

96 100

61 121.2 84.8 157.6

98 60.5 42.4 78.6

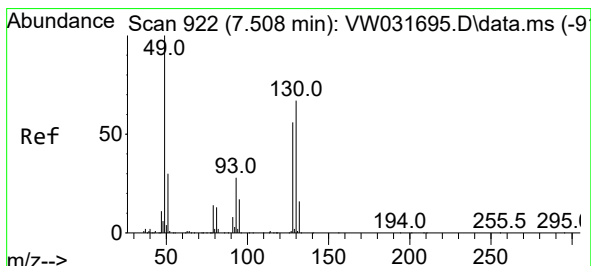
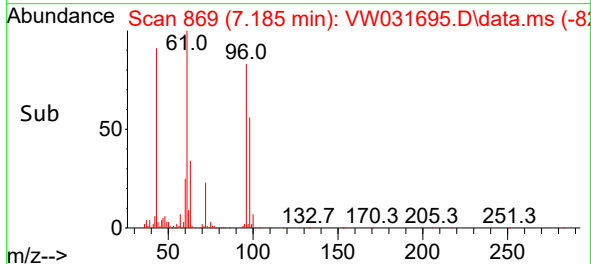
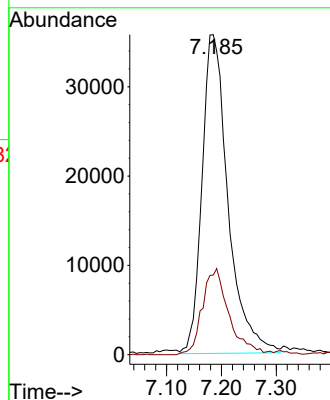
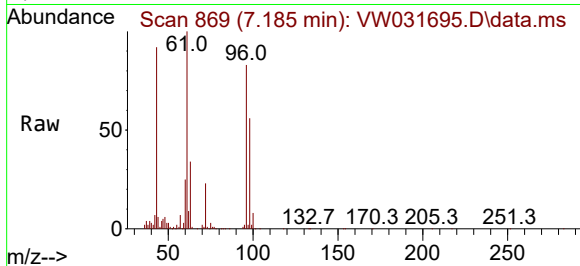




#22
2-Butanone
Concen: 50.68 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

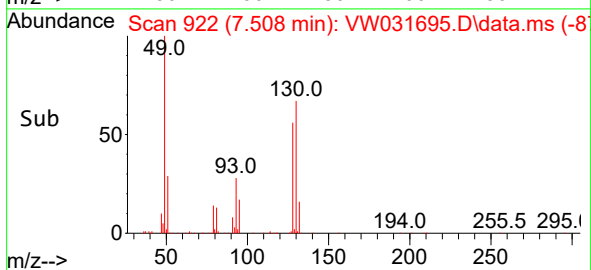
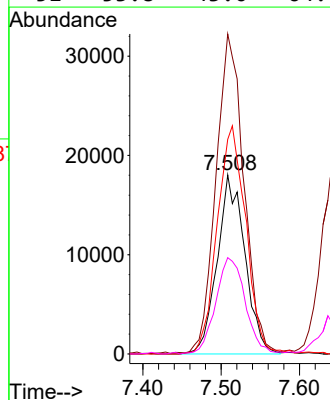
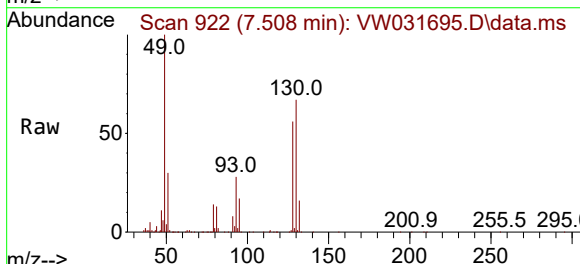
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

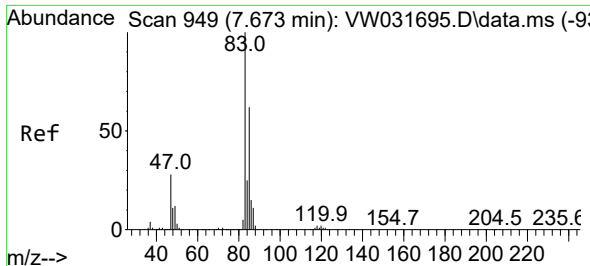
Tgt Ion: 43 Resp: 117772
Ion Ratio Lower Upper
43 100
72 27.3 13.7 41.1



#23
Bromochloromethane
Concen: 23.64 ug/L
RT: 7.508 min Scan# 922
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 128 Resp: 44184
Ion Ratio Lower Upper
128 100
49 178.7 125.1 232.3
130 119.8 83.9 155.7
51 53.8 43.0 64.6

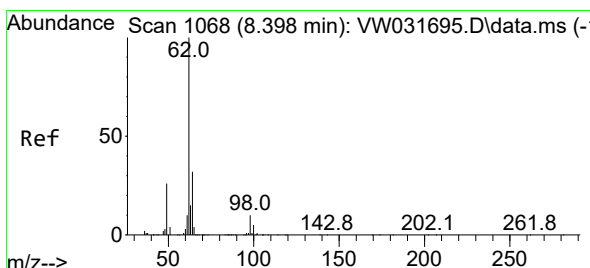
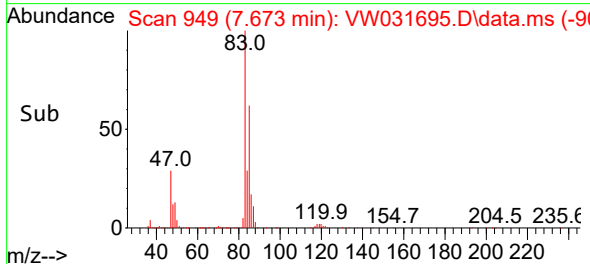
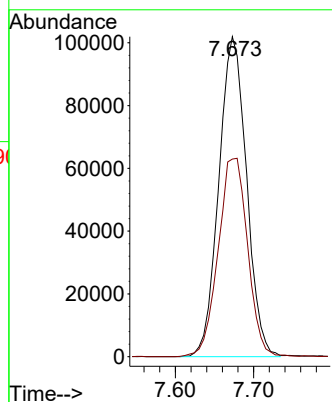
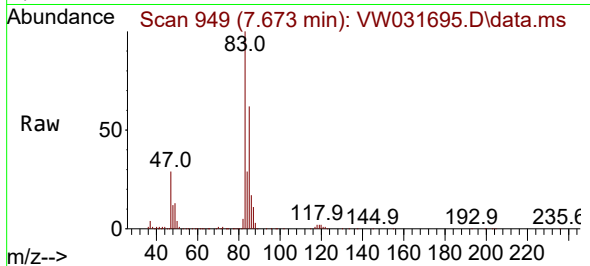




#25
Chloroform
Concen: 24.99 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

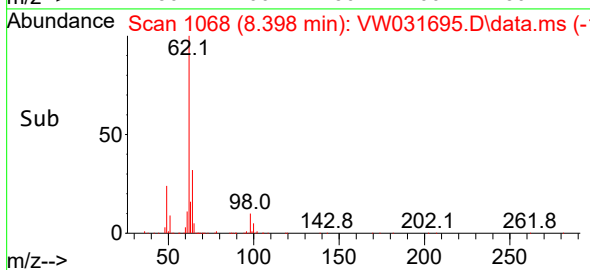
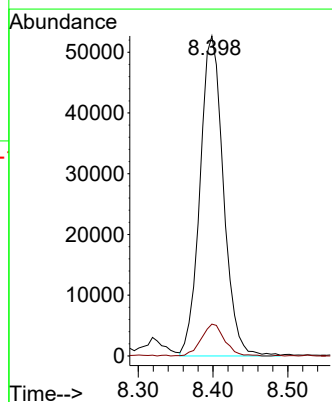
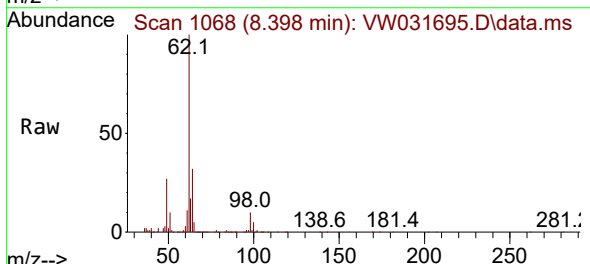
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

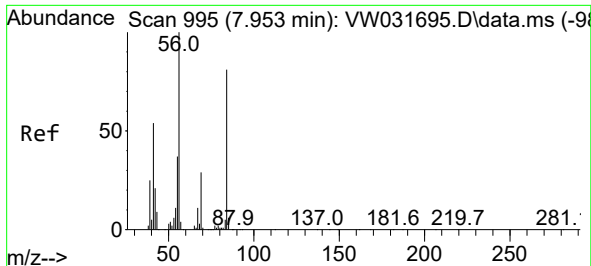
Tgt Ion: 83 Resp: 250450
Ion Ratio Lower Upper
83 100
85 61.7 43.2 80.2



#27
1,2-Dichloroethane
Concen: 24.70 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 62 Resp: 114708
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0

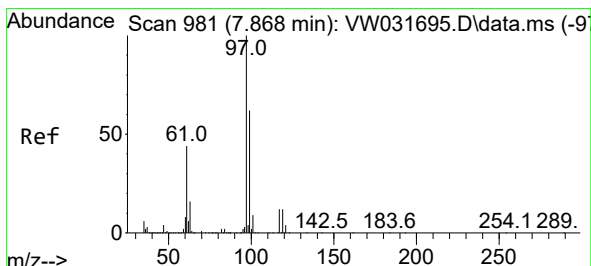
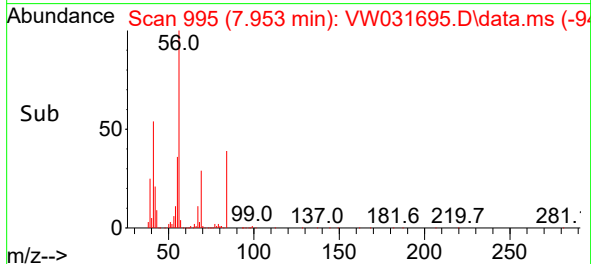
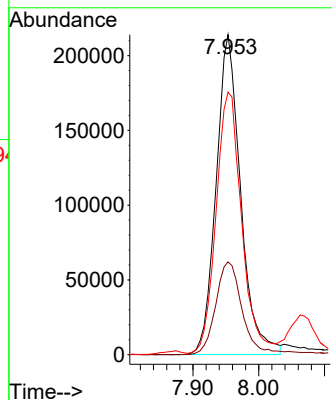
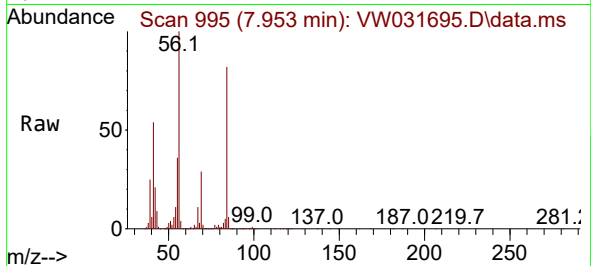




#29
Cyclohexane
Concen: 28.06 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

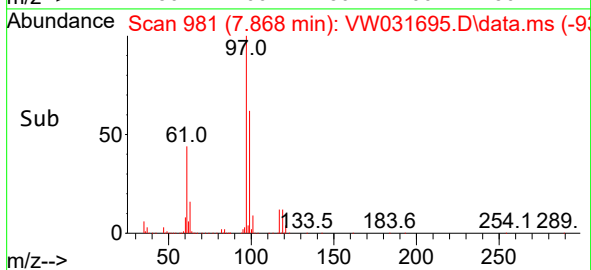
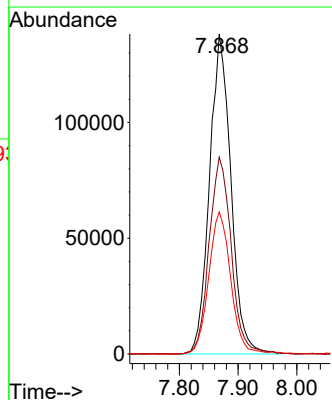
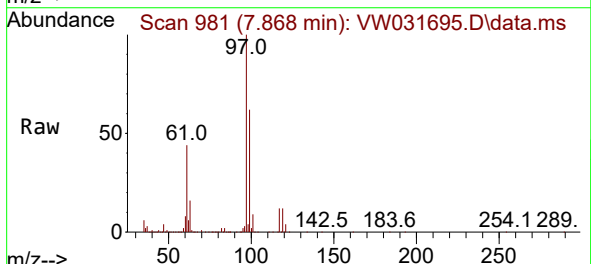
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

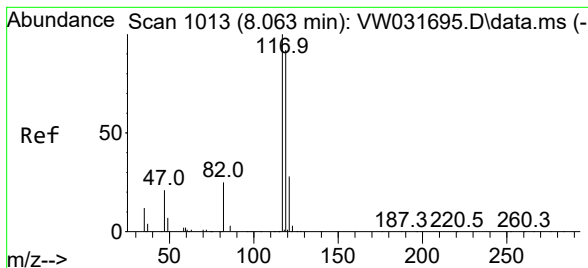
Tgt Ion: 56 Resp: 553948
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 85.3 68.2 102.4



#30
1,1,1-Trichloroethane
Concen: 27.26 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 97 Resp: 349264
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 45.5 36.4 54.6

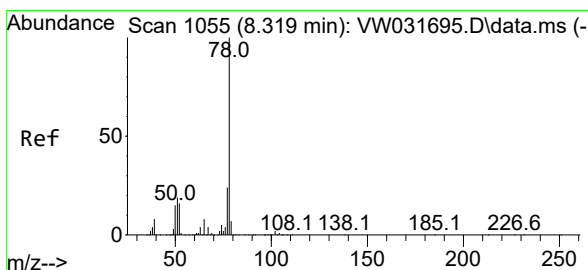
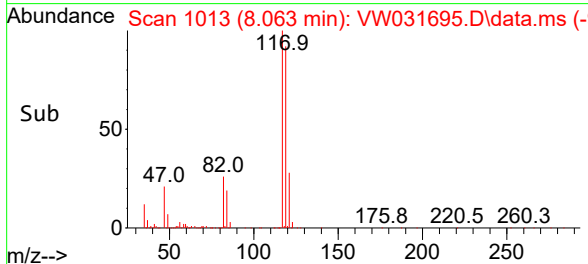
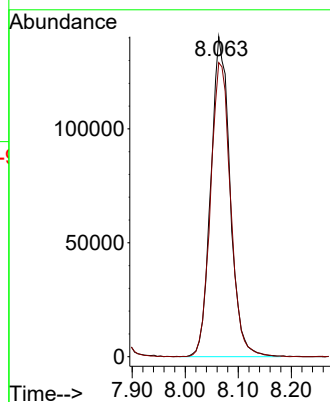
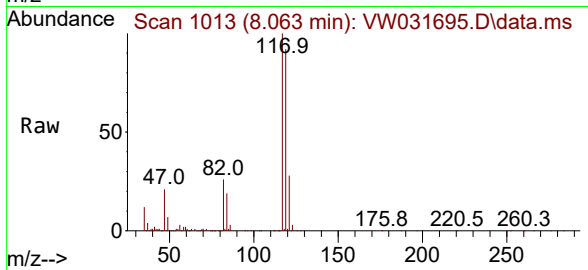




#31
Carbon tetrachloride
Concen: 27.67 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

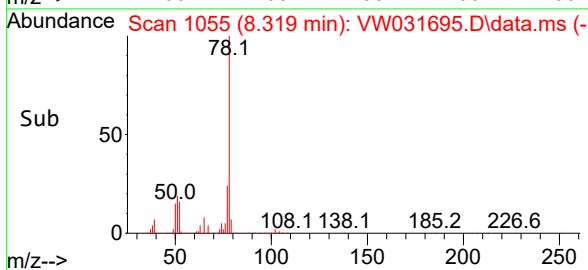
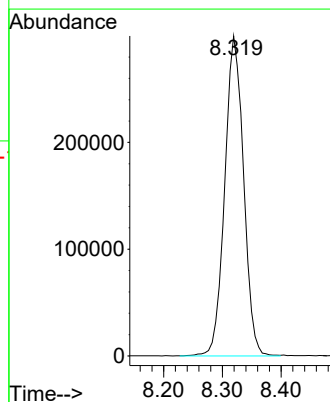
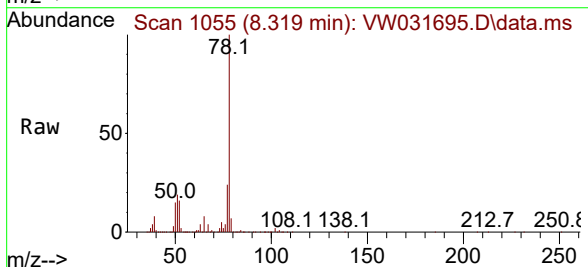
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

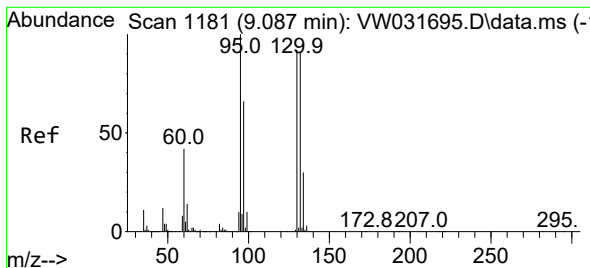
Tgt Ion:117 Resp: 354619
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 26.81 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 78 Resp: 668365





#34

Trichloroethene

Concen: 26.99 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

Tgt Ion: 95 Resp: 221057

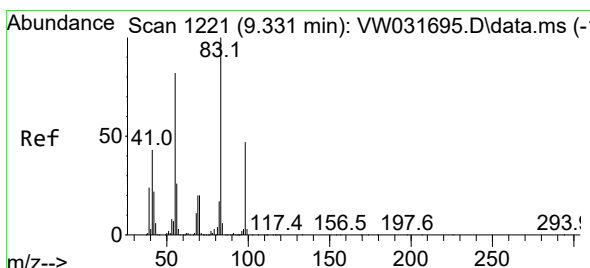
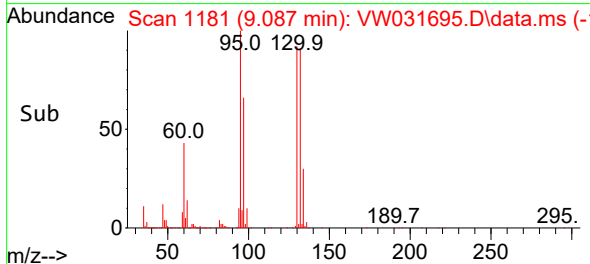
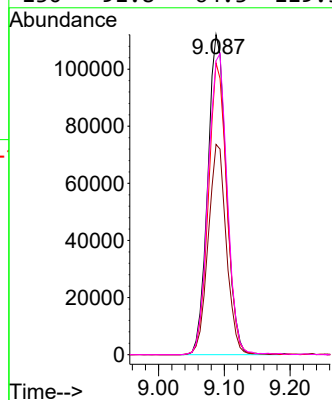
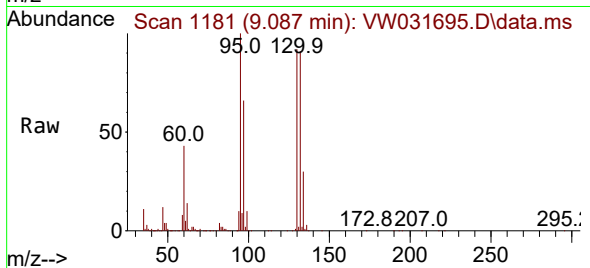
Ion Ratio Lower Upper

95 100

97 65.7 46.0 85.4

132 91.1 63.8 118.4

130 91.8 64.3 119.3



#35

Methylcyclohexane

Concen: 28.58 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

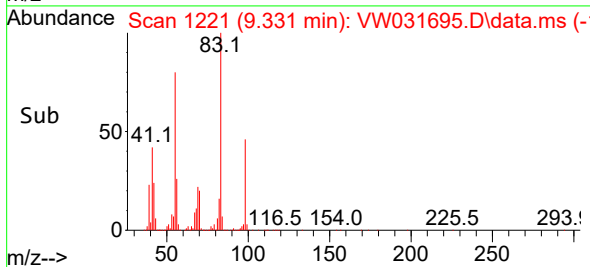
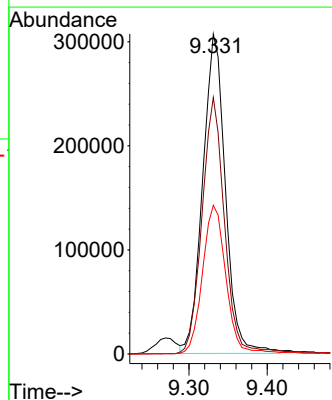
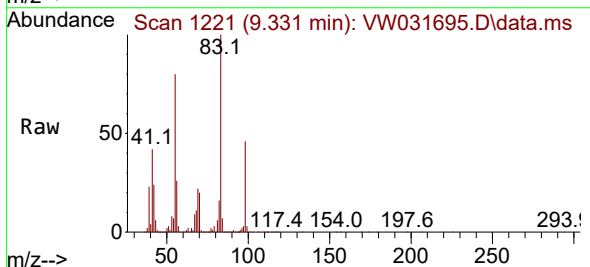
Tgt Ion: 83 Resp: 617464

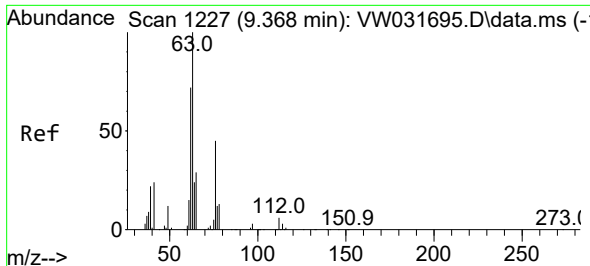
Ion Ratio Lower Upper

83 100

55 78.9 63.1 94.7

98 47.0 37.6 56.4

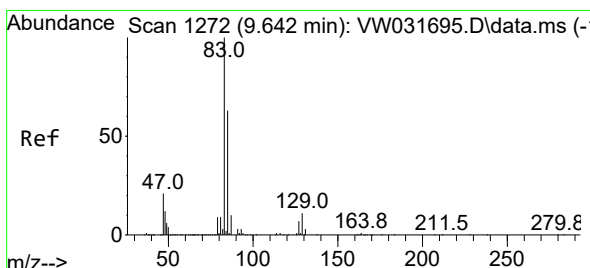
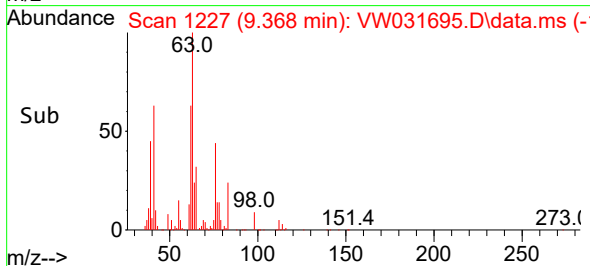
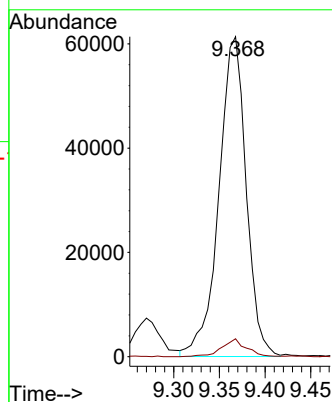
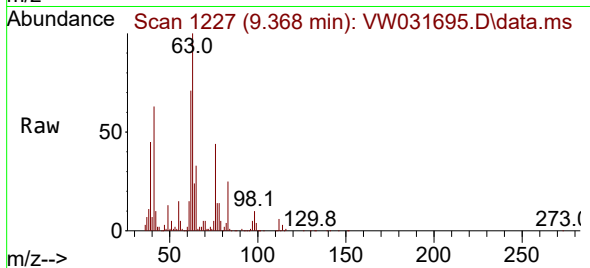




#37
1,2-Dichloropropane
Concen: 26.33 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

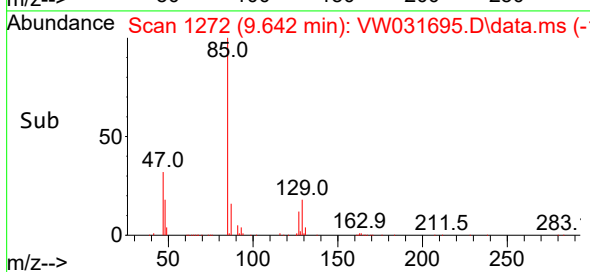
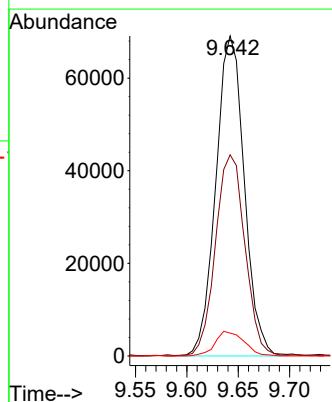
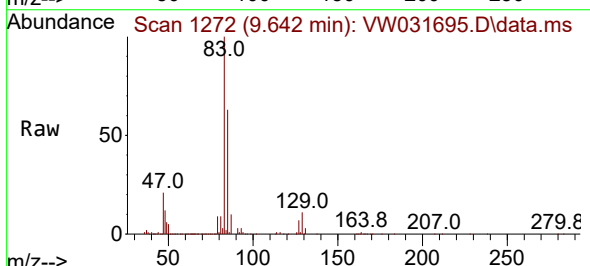
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

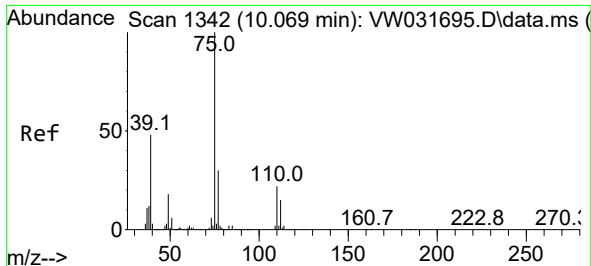
Tgt Ion: 63 Resp: 127448
Ion Ratio Lower Upper
63 100
112 5.0 4.0 6.0



#38
Bromodichloromethane
Concen: 24.98 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 83 Resp: 132957
Ion Ratio Lower Upper
83 100
85 62.9 44.0 81.8
127 7.2 5.8 8.6

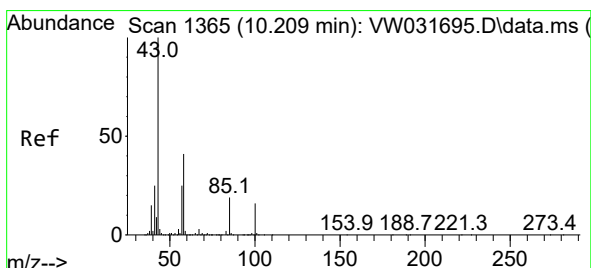
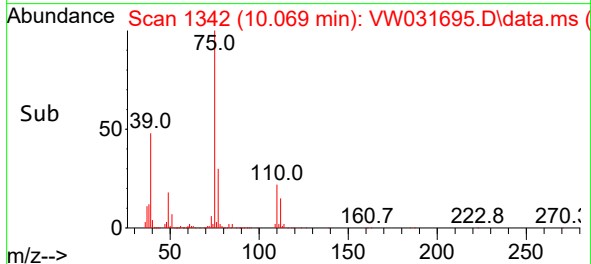
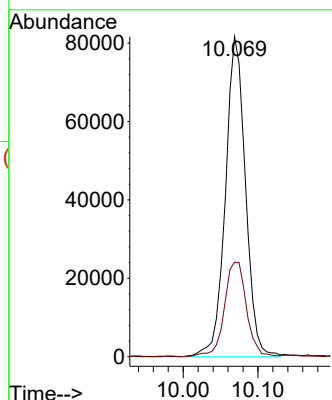
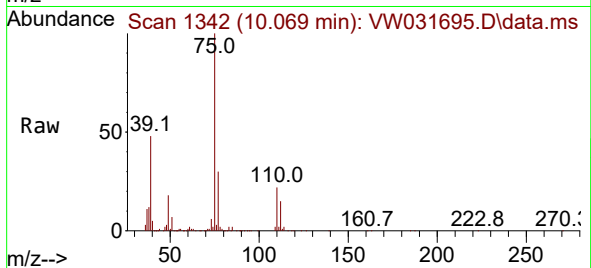




#39
cis-1,3-Dichloropropene
Concen: 25.45 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

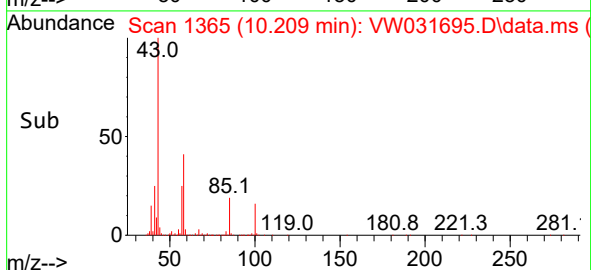
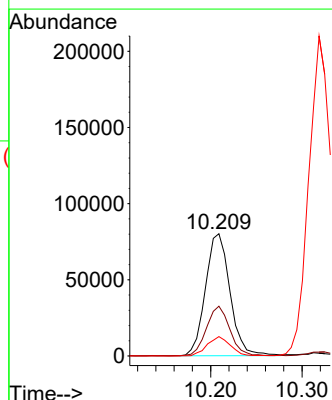
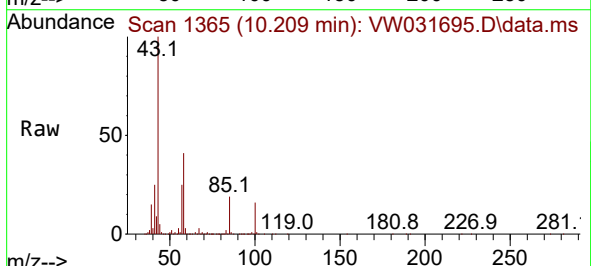
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

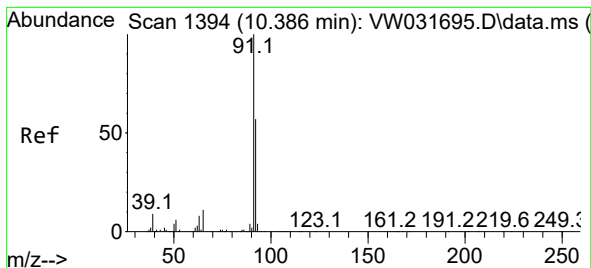
Tgt Ion: 75 Resp: 152455
Ion Ratio Lower Upper
75 100
77 29.6 20.7 38.5



#40
4-Methyl-2-pentanone
Concen: 50.34 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 43 Resp: 149307
Ion Ratio Lower Upper
43 100
58 39.0 31.0 46.6
100 15.0 11.9 17.9





#42

Toluene

Concen: 27.05 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

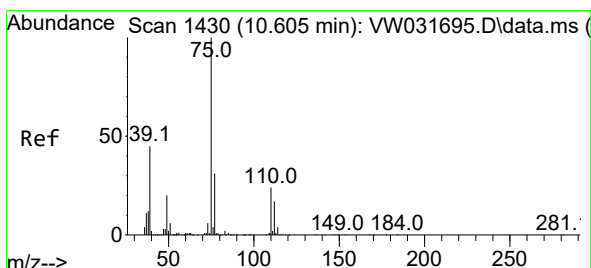
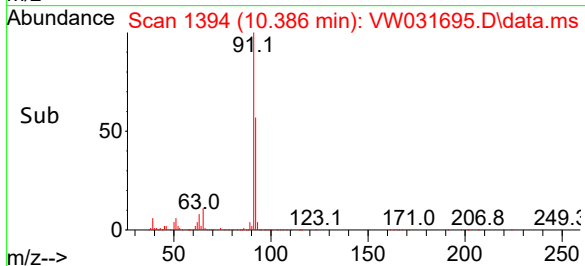
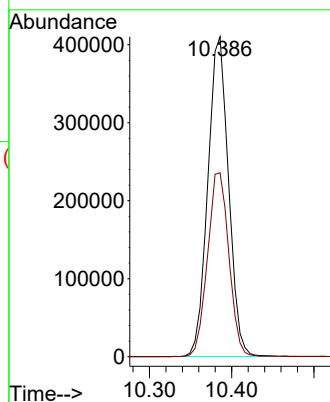
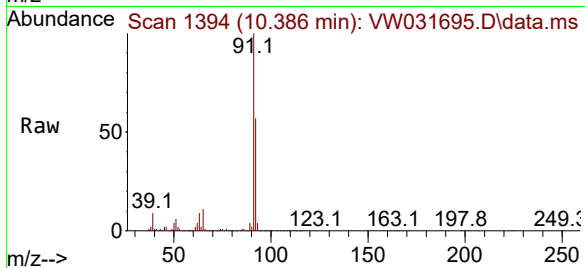
VSTD025466

Tgt Ion: 91 Resp: 716587

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 24.78 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031695.D

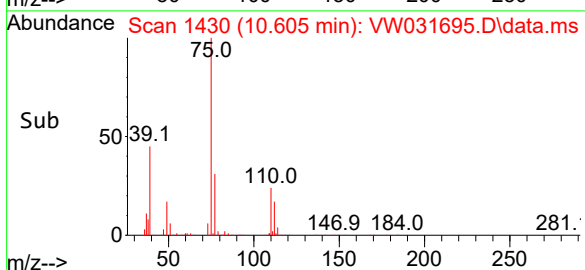
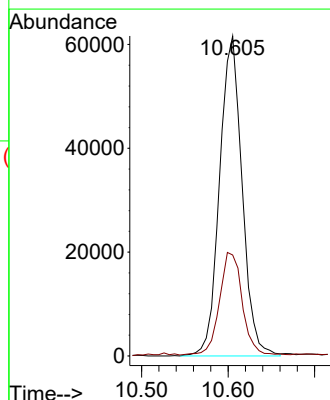
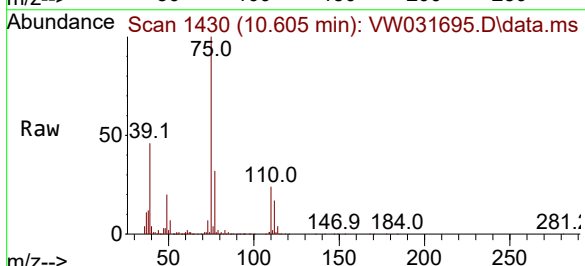
Acq: 08 May 2025 11:33

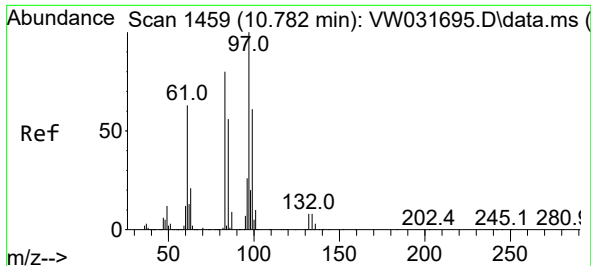
Tgt Ion: 75 Resp: 111298

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

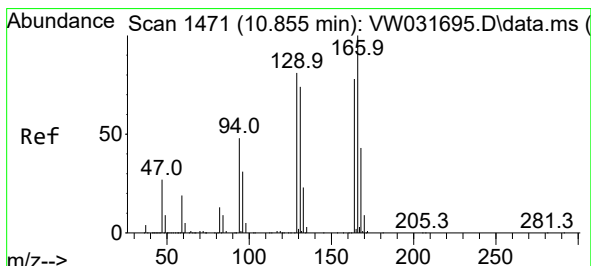
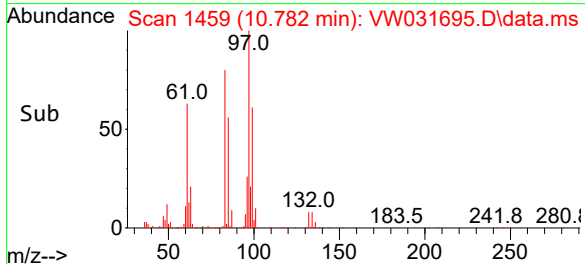
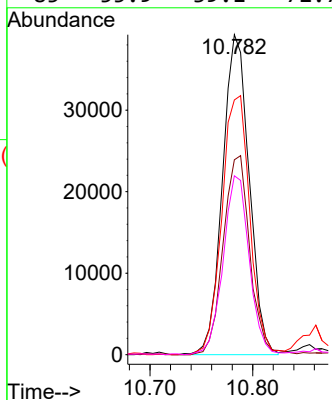
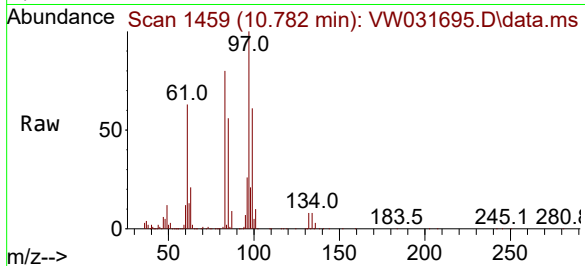




#45
1,1,2-Trichloroethane
Concen: 25.65 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

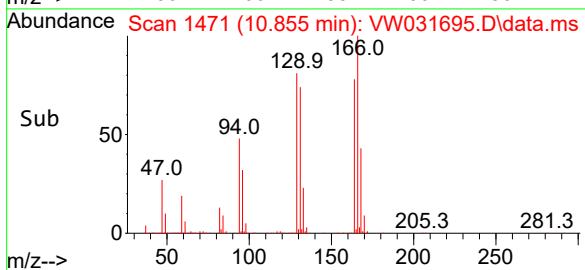
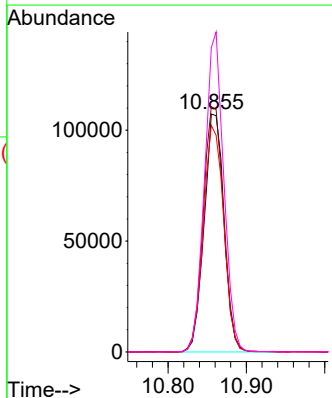
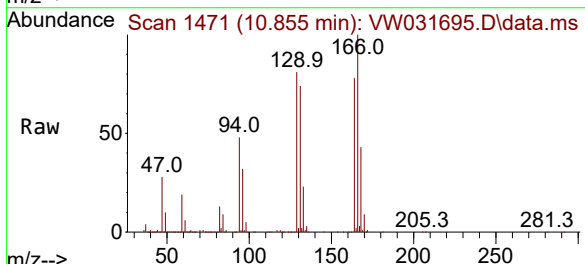
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

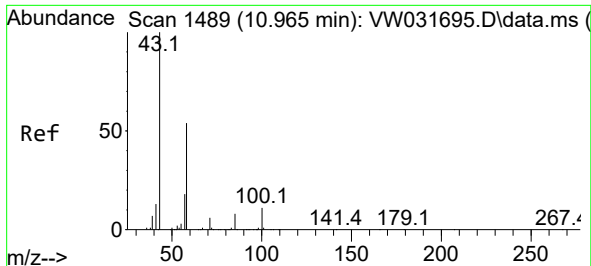
Tgt Ion:	97	Resp:	70819
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.6	79.2
83	79.6	55.7	103.5
85	55.9	39.1	72.7



#46
Tetrachloroethene
Concen: 27.68 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion:	164	Resp:	189691
Ion	Ratio	Lower	Upper
164	100		
129	103.1	72.2	134.0
131	95.2	66.6	123.8
166	127.9	89.5	166.3

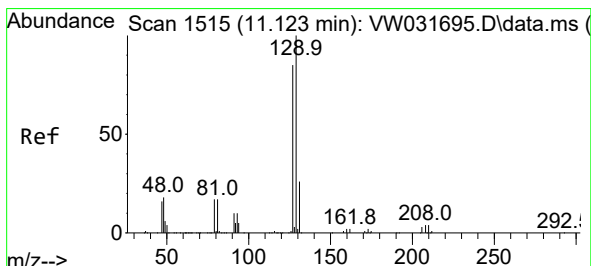
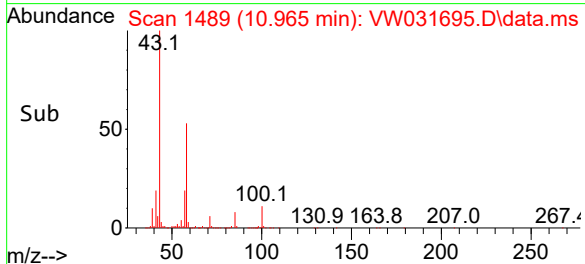
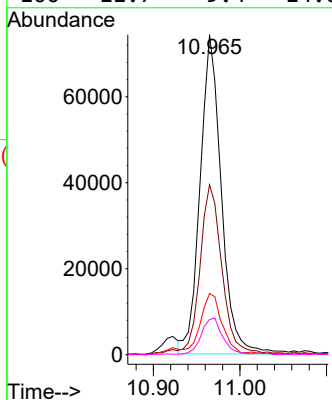
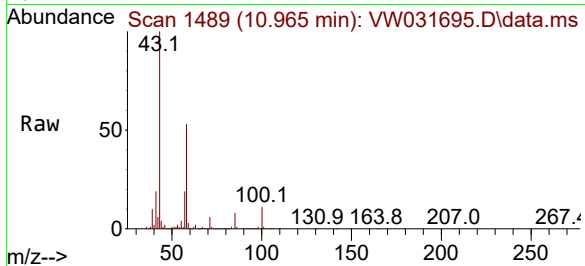




#48
2-Hexanone
Concen: 53.74 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

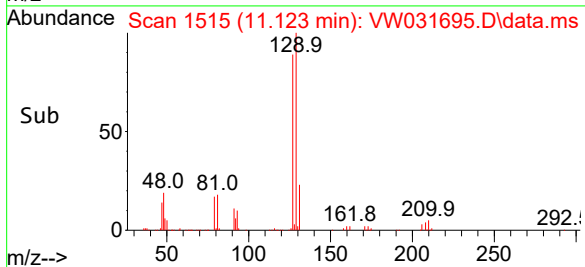
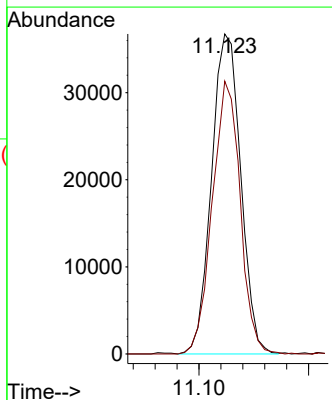
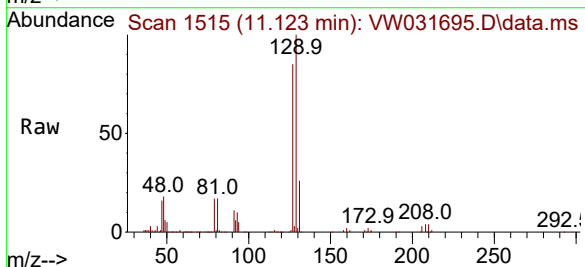
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

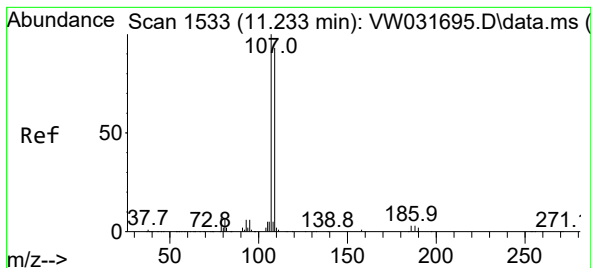
Tgt Ion:	43	Resp:	126480
Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.6	65.4
57	19.2	15.4	23.0
100	11.7	9.4	14.0



#49
Dibromochloromethane
Concen: 24.39 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion:	129	Resp:	68001
Ion	Ratio	Lower	Upper
129	100		
127	85.3	59.7	110.9





#50

1,2-Dibromoethane

Concen: 25.70 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

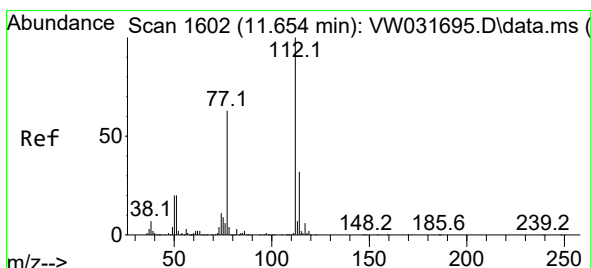
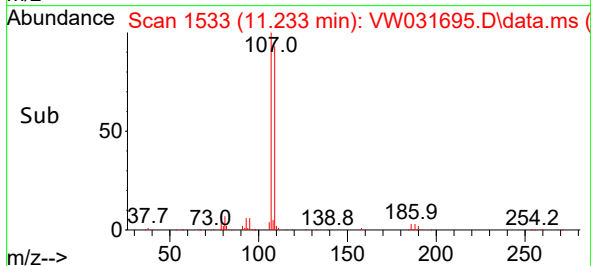
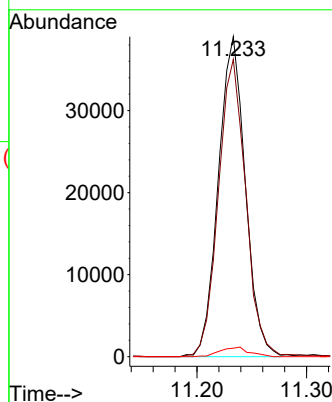
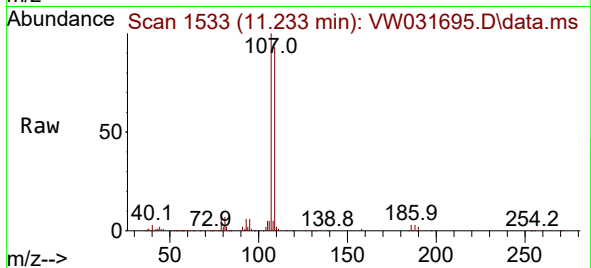
Tgt Ion:107 Resp: 66683

Ion Ratio Lower Upper

107 100

109 92.9 65.0 120.8

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 25.54 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

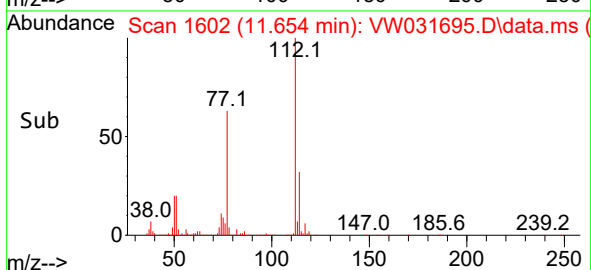
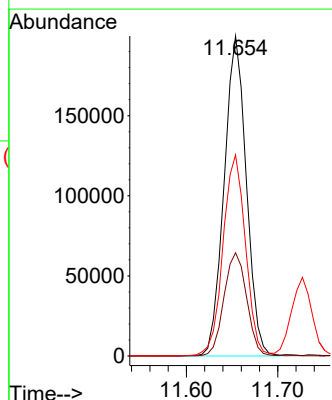
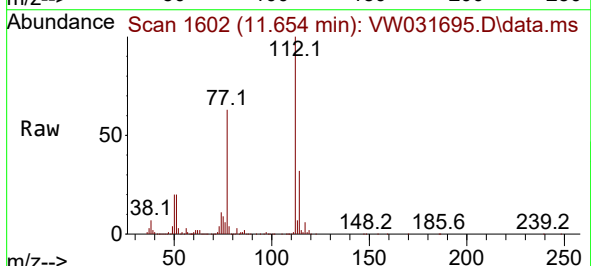
Tgt Ion:112 Resp: 337083

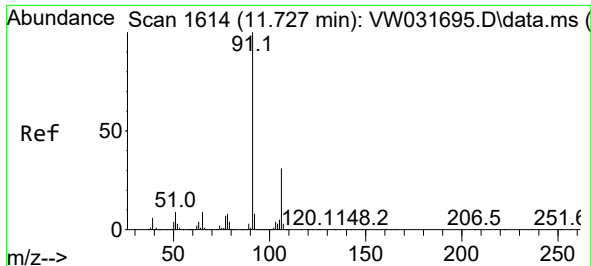
Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 62.9 50.3 75.5

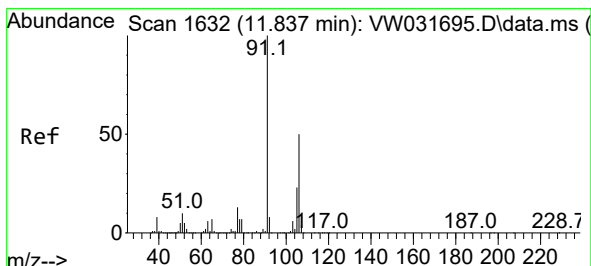
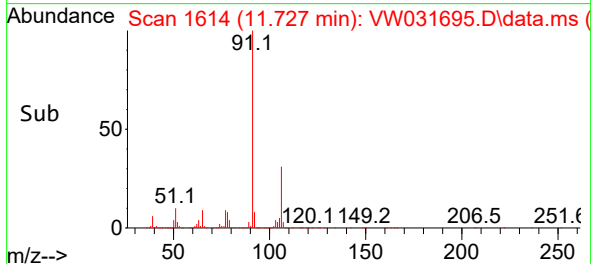
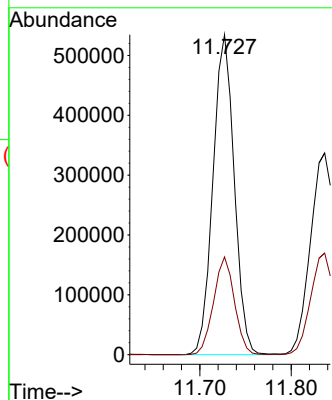
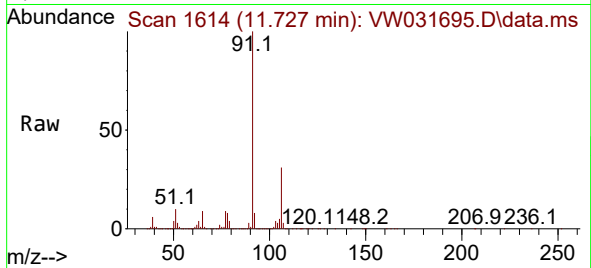




#52
Ethylbenzene
Concen: 27.10 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

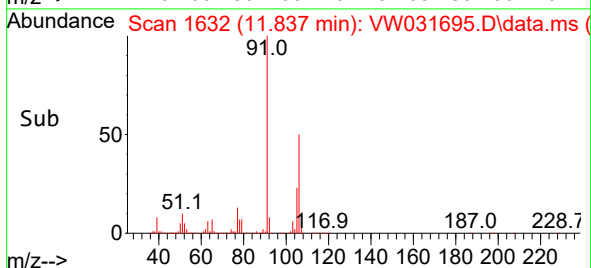
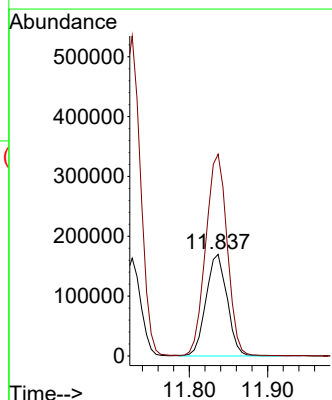
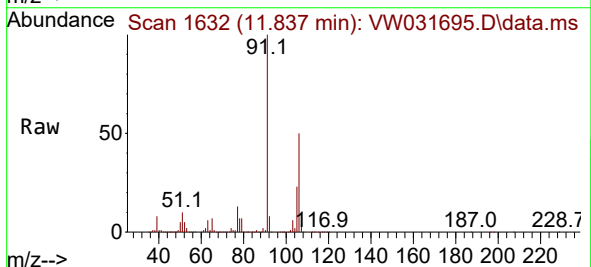
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

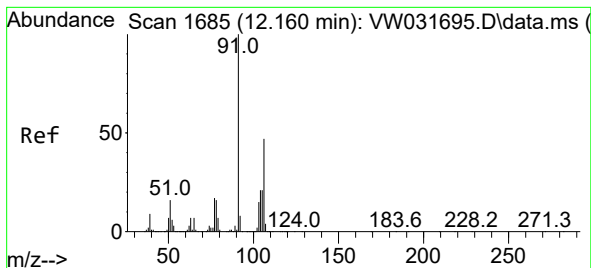
Tgt Ion: 91 Resp: 862909
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 27.66 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 106 Resp: 317032
Ion Ratio Lower Upper
106 100
91 198.4 138.9 257.9

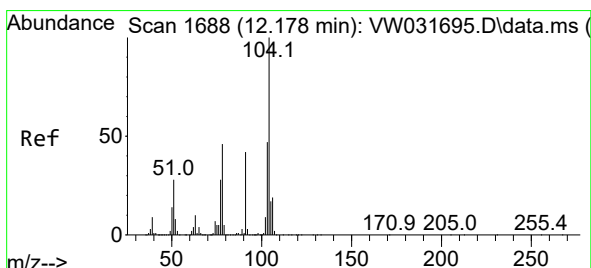
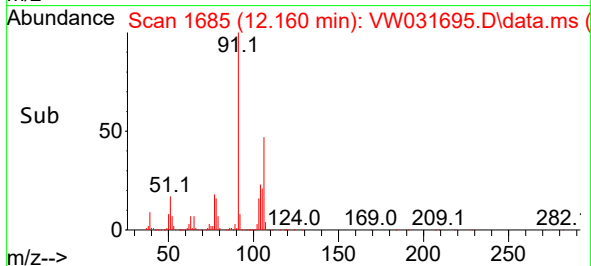
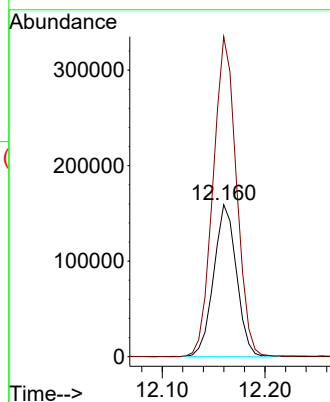
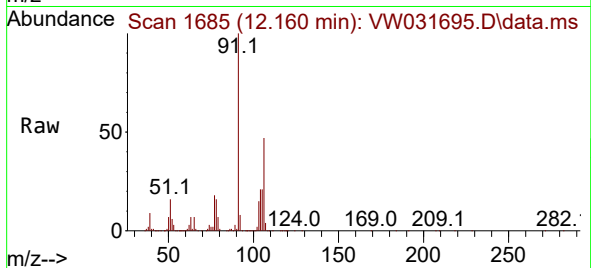




#54
o-Xylene
Concen: 27.19 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

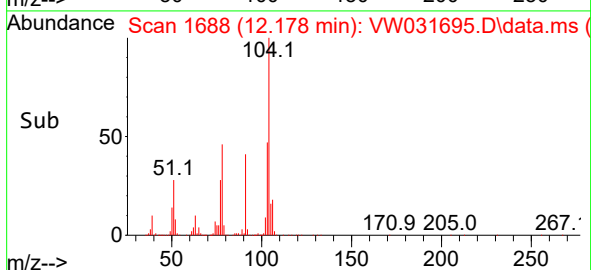
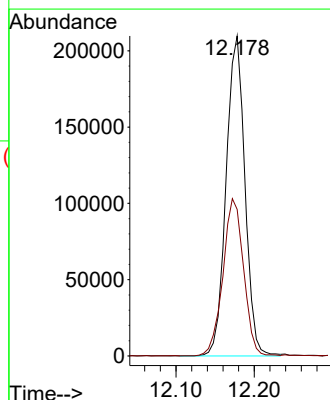
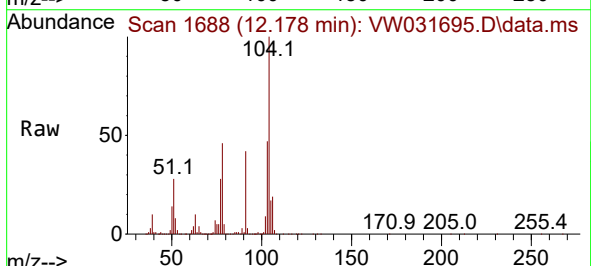
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

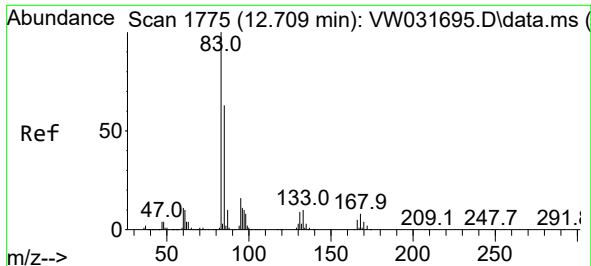
Tgt Ion:106 Resp: 245269
Ion Ratio Lower Upper
106 100
91 210.6 147.4 273.8



#55
Styrene
Concen: 26.92 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion:104 Resp: 349974
Ion Ratio Lower Upper
104 100
78 45.8 32.1 59.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.01 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

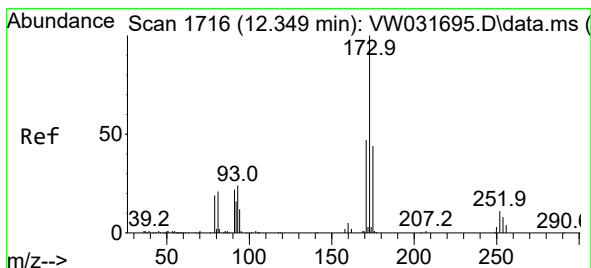
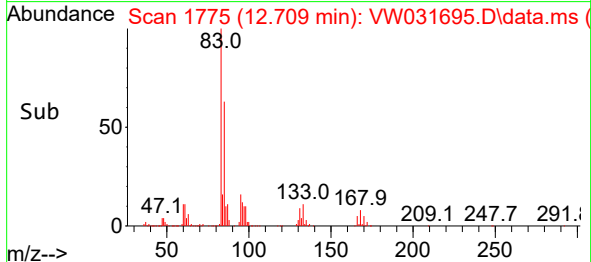
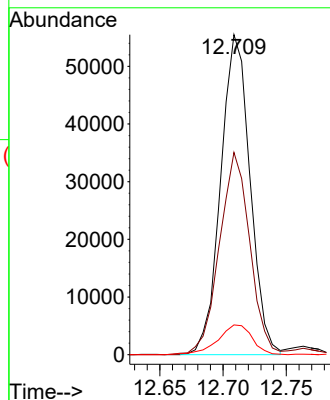
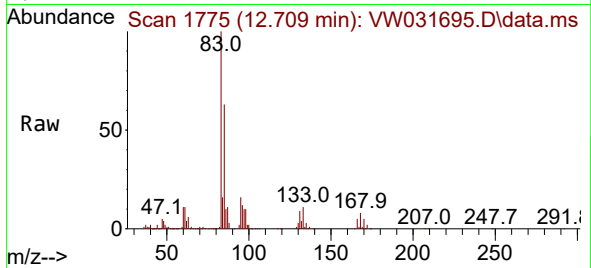
Tgt Ion: 83 Resp: 89546

Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.2

131 9.3 7.4 11.2



#59

Bromoform

Concen: 25.55 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

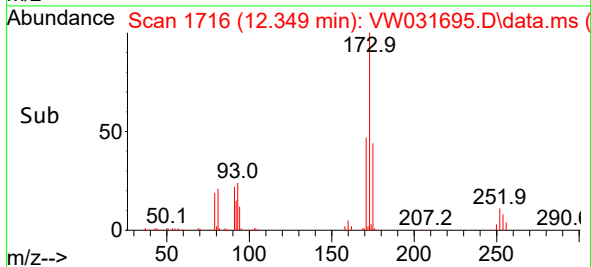
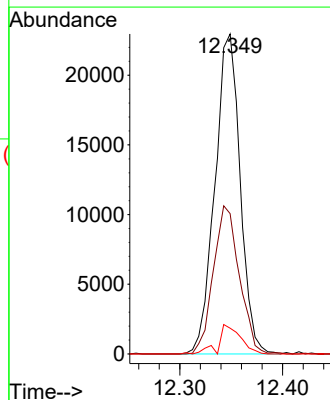
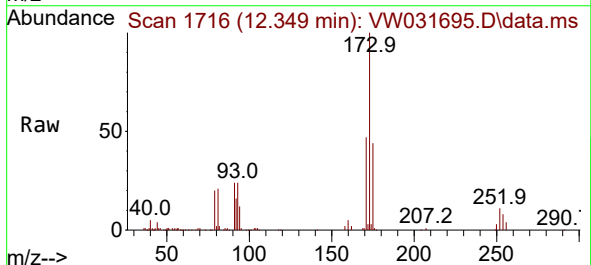
Tgt Ion: 173 Resp: 39103

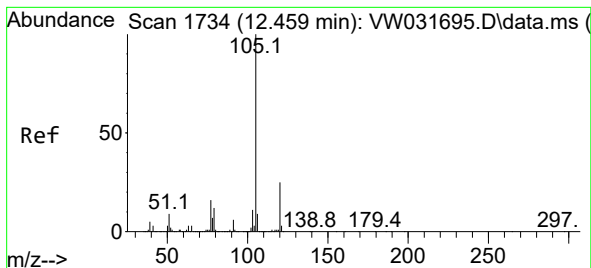
Ion Ratio Lower Upper

173 100

175 47.6 38.1 57.1

254 6.9 5.5 8.3

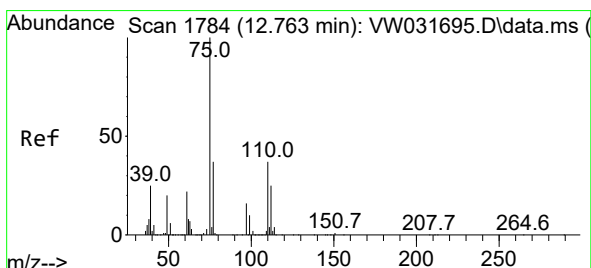
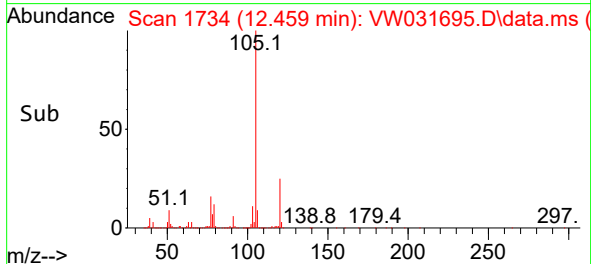
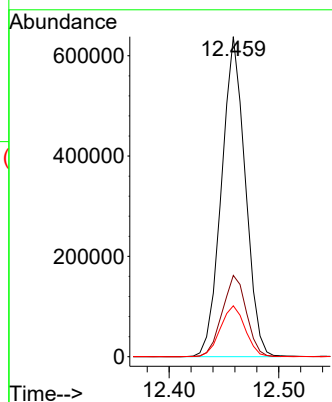
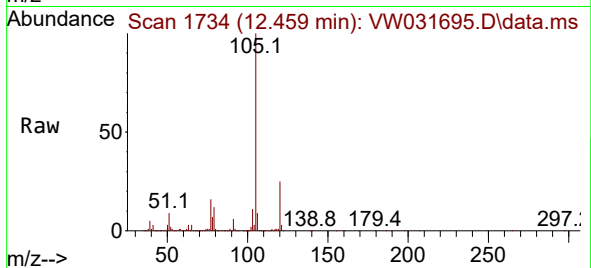




#60
Isopropylbenzene
Concen: 27.05 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

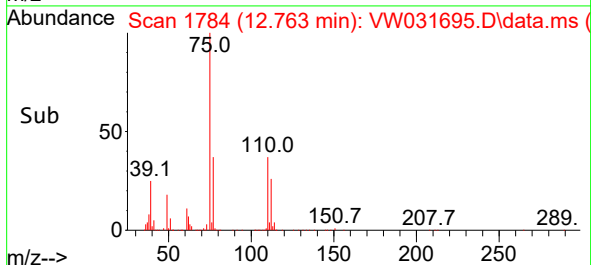
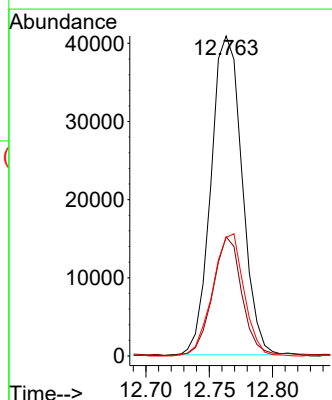
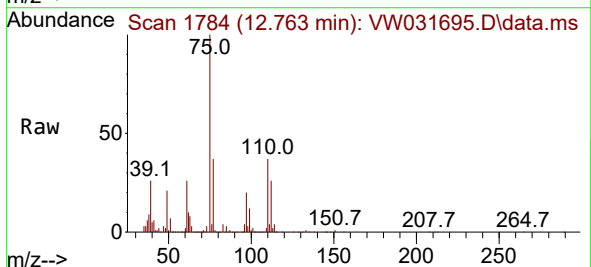
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

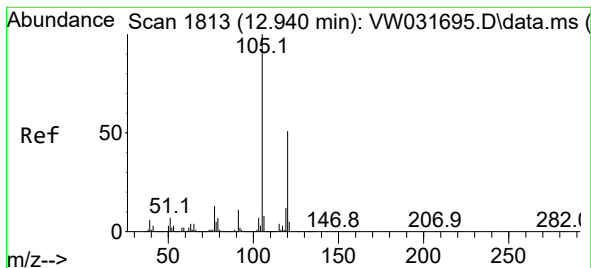
Tgt Ion:105 Resp: 960040
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.6 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 24.56 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion: 75 Resp: 69762
Ion Ratio Lower Upper
75 100
77 35.5 28.4 42.6
110 38.6 30.9 46.3

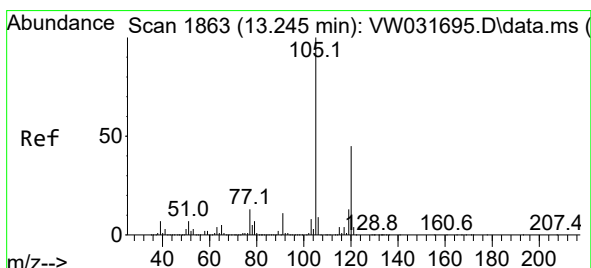
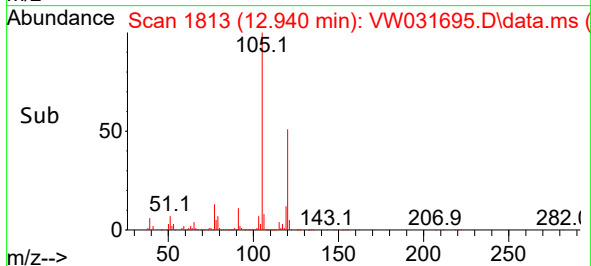
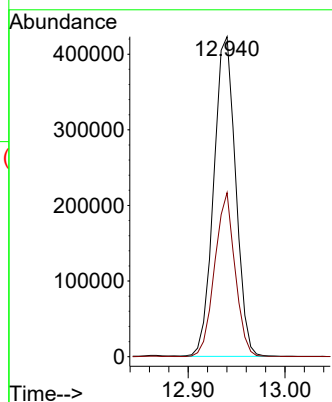
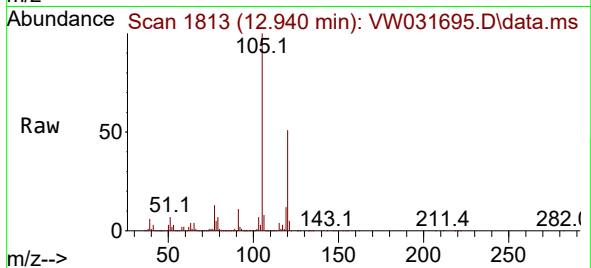




#62
1,3,5-Trimethylbenzene
Concen: 27.33 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

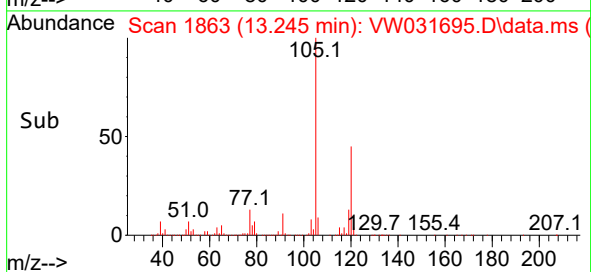
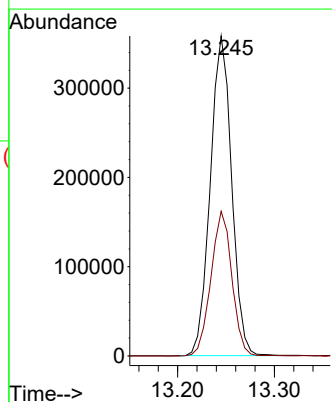
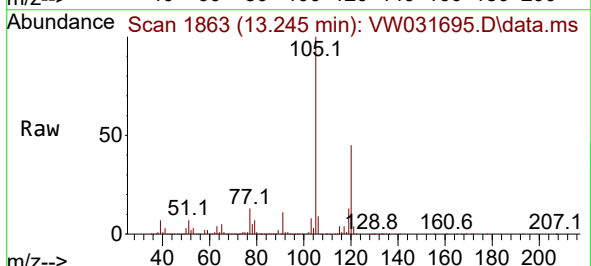
Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

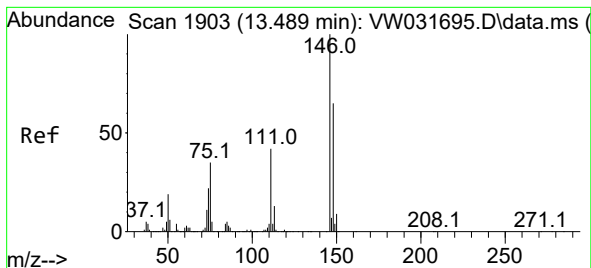
Tgt Ion:105 Resp: 663865
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 26.66 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion:105 Resp: 550724
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 25.09 ug/L

RT: 13.489 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

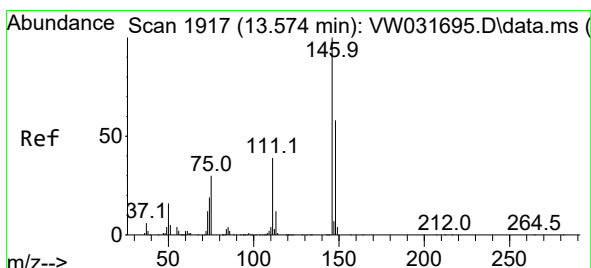
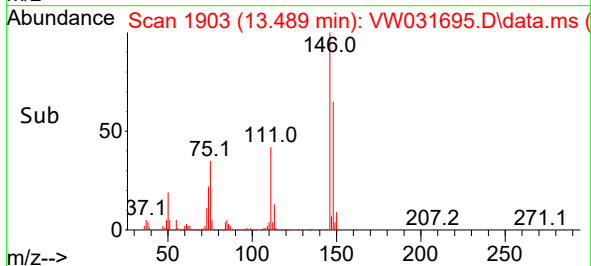
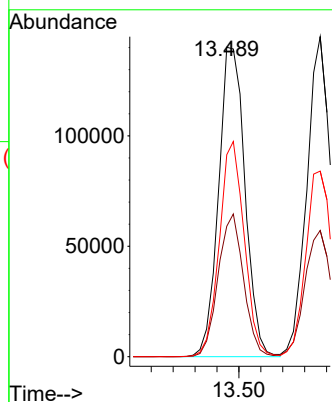
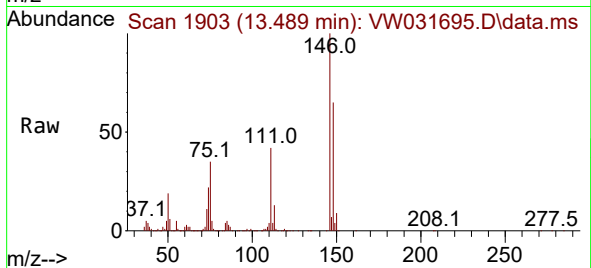
Tgt Ion:146 Resp: 234946

Ion Ratio Lower Upper

146 100

111 42.2 29.5 54.9

148 65.3 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 25.93 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

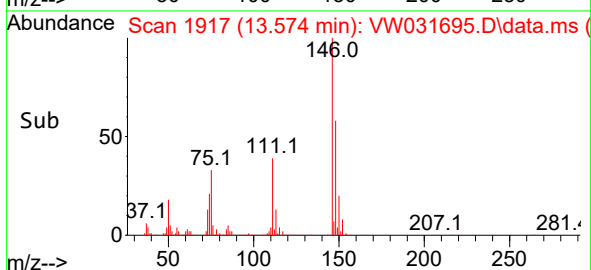
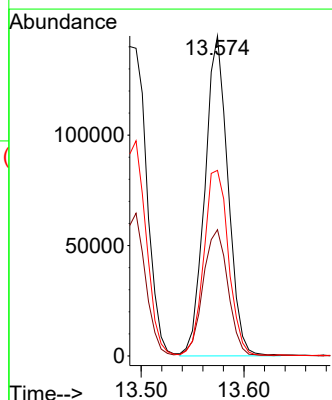
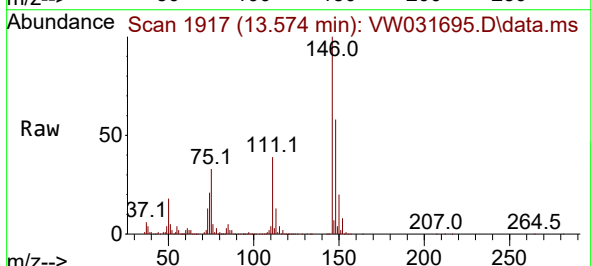
Tgt Ion:146 Resp: 226378

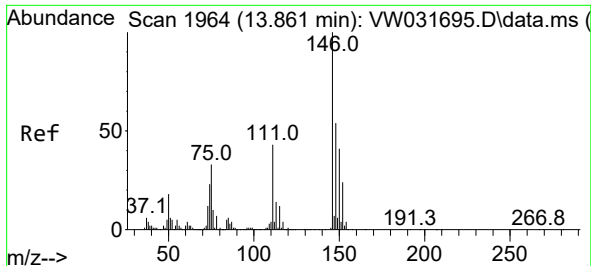
Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.2

148 58.0 40.6 75.4





#67

1,2-Dichlorobenzene

Concen: 25.02 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

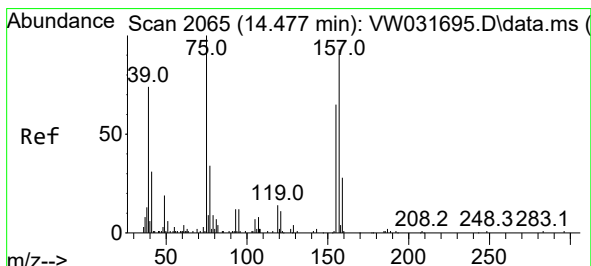
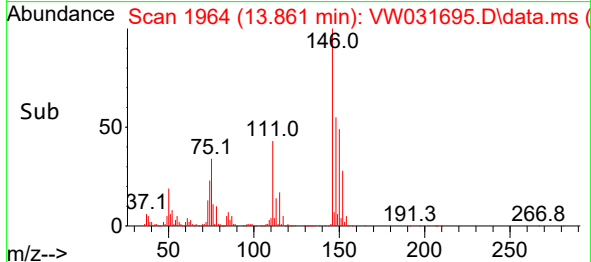
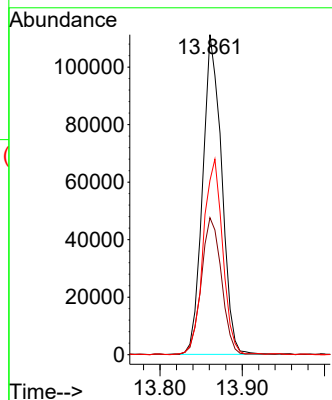
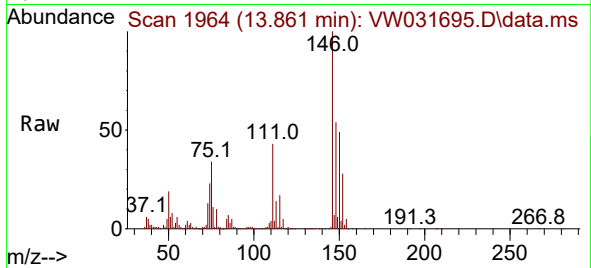
Tgt Ion:146 Resp: 178135

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.4

148 54.4 43.5 65.3



#68

1,2-Dibromo-3-chloropropane

Concen: 23.64 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

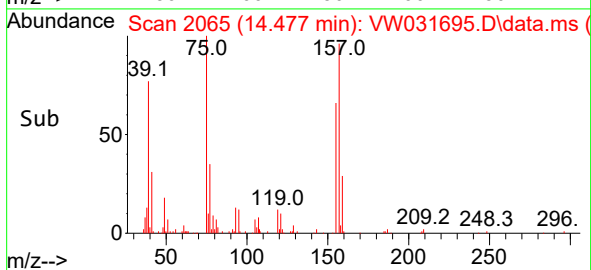
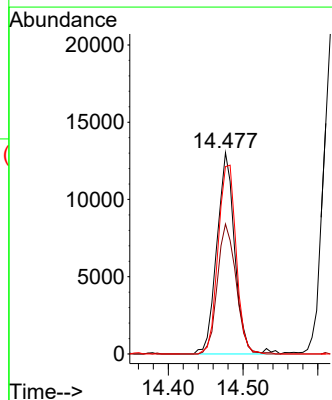
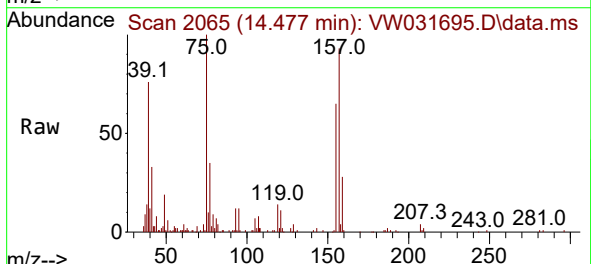
Tgt Ion: 75 Resp: 21664

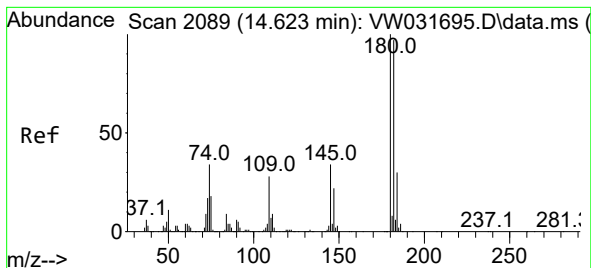
Ion Ratio Lower Upper

75 100

155 64.5 51.6 77.4

157 93.2 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 25.76 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025466

Tgt Ion:180 Resp: 166259

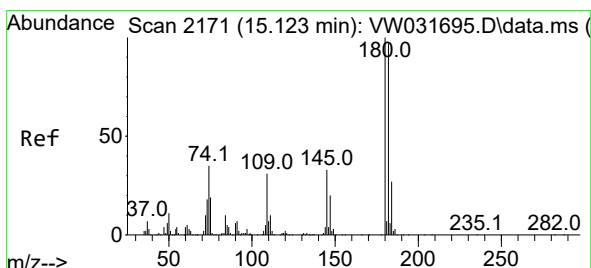
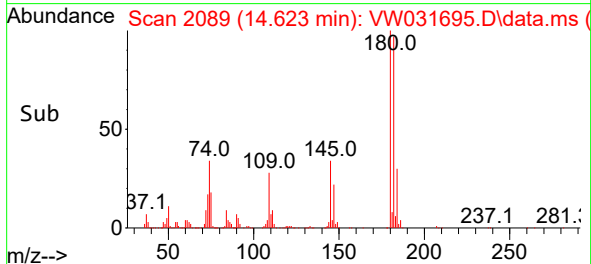
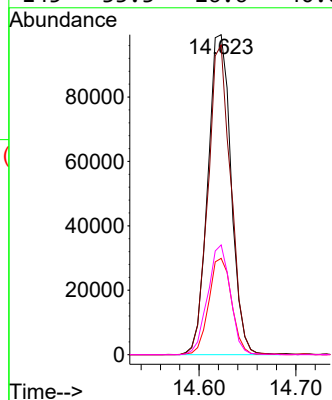
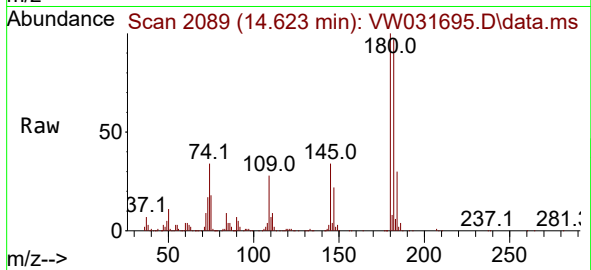
Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

184 29.6 23.7 35.5

145 33.3 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 25.46 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031695.D

Acq: 08 May 2025 11:33

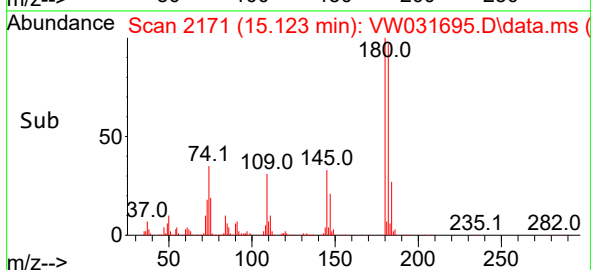
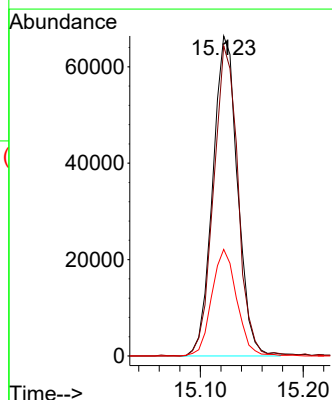
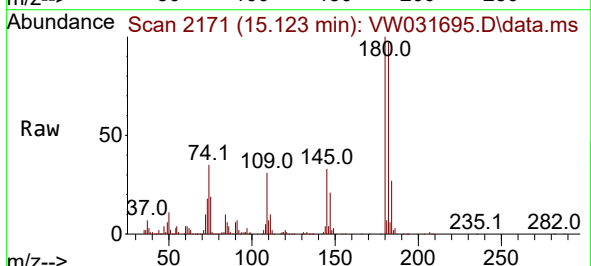
Tgt Ion:180 Resp: 111338

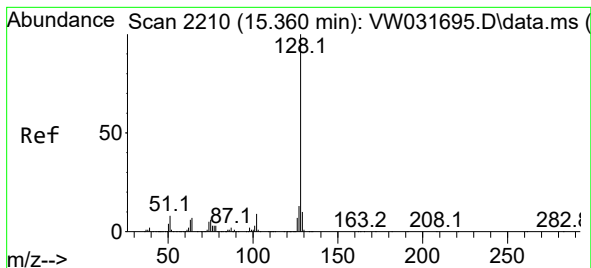
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 33.4 26.7 40.1

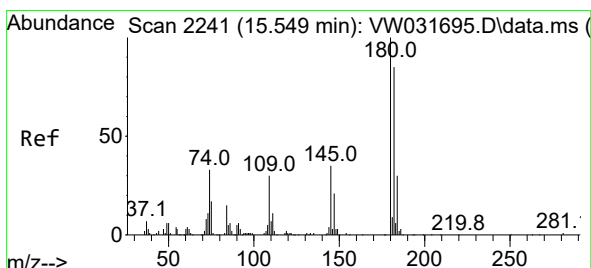
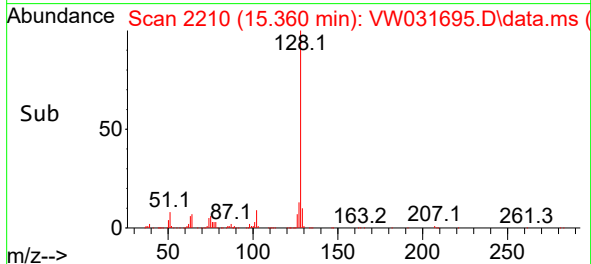
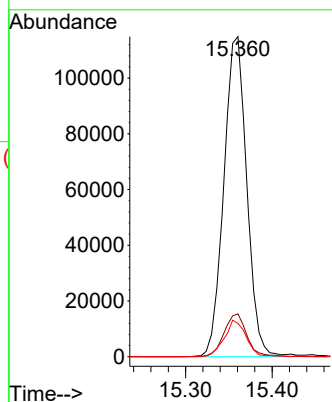
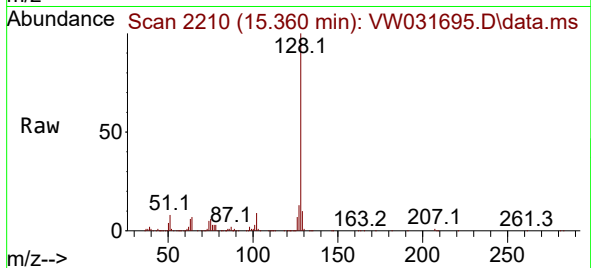




#71
Naphthalene
Concen: 24.89 ug/L
RT: 15.360 min Scan# 211093
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

Tgt Ion:128 Resp: 211093
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.72 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031695.D
Acq: 08 May 2025 11:33

Tgt Ion:180 Resp: 87819
Ion Ratio Lower Upper
180 100
182 96.6 77.3 115.9
145 35.8 28.6 43.0

