

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031696.D
 Acq On : 08 May 2025 11:58
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050467

Quant Time: May 08 14:34:17 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	467661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	320763	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139066	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	656803	59.18	ug/L	0.00
7) Chloroethane-d5	2.893	69	361783	54.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	270237	58.45	ug/L	0.01
21) 2-Butanone-d5	7.087	46	233502	101.07	ug/L	0.00
24) Chloroform-d	7.648	84	546004	49.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	196972	48.39	ug/L	0.00
32) Benzene-d6	8.270	84	1285487	52.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	278871	49.77	ug/L	0.00
41) Toluene-d8	10.319	98	1163106	52.70	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	93440	50.44	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	123783	104.60	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186510	49.06	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	223470	47.41	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	505059	54.07	ug/L #	87
3) Chloromethane	2.222	50	358300	48.53	ug/L	96
5) Vinyl chloride	2.375	62	560945	50.54	ug/L	97
6) Bromomethane	2.789	94	216538	48.15	ug/L	95
8) Chloroethane	2.930	64	262983	49.39	ug/L	98
9) Trichlorofluoromethane	3.253	101	472159	54.40	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	643666	56.34	ug/L #	64
12) 1,1-Dichloroethene	4.045	96	491561	55.20	ug/L	94
13) Acetone	4.155	43	158166	97.25	ug/L	98
14) Carbon disulfide	4.399	76	1446959	51.51	ug/L	97
15) Methyl Acetate	4.685	43	143272	47.82	ug/L	96
16) Methylene chloride	4.941	84	221009	45.60	ug/L	90
17) trans-1,2-Dichloroethene	5.423	96	392581	50.31	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	273847	49.34	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	598152	49.37	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	297097	49.60	ug/L	92
22) 2-Butanone	7.185	43	238809	98.90	ug/L	99
23) Bromochloromethane	7.514	128	91539	47.13	ug/L	92
25) Chloroform	7.673	83	507502	48.75	ug/L	96
27) 1,2-Dichloroethane	8.398	62	230525	47.78	ug/L	98
29) Cyclohexane	7.953	56	1213256	58.44	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	699938	51.95	ug/L	99
31) Carbon tetrachloride	8.069	117	742483	55.08	ug/L	97
33) Benzene	8.319	78	1335172	50.93	ug/L	100
34) Trichloroethene	9.087	95	438942	50.97	ug/L	97
35) Methylcyclohexane	9.331	83	1312568	57.78	ug/L	100
37) 1,2-Dichloropropane	9.367	63	250162	49.15	ug/L	98
38) Bromodichloromethane	9.642	83	272236	48.63	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	327444	51.99	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	315585	101.18	ug/L	98
42) Toluene	10.386	91	1454383	52.21	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	240992	51.02	ug/L	96

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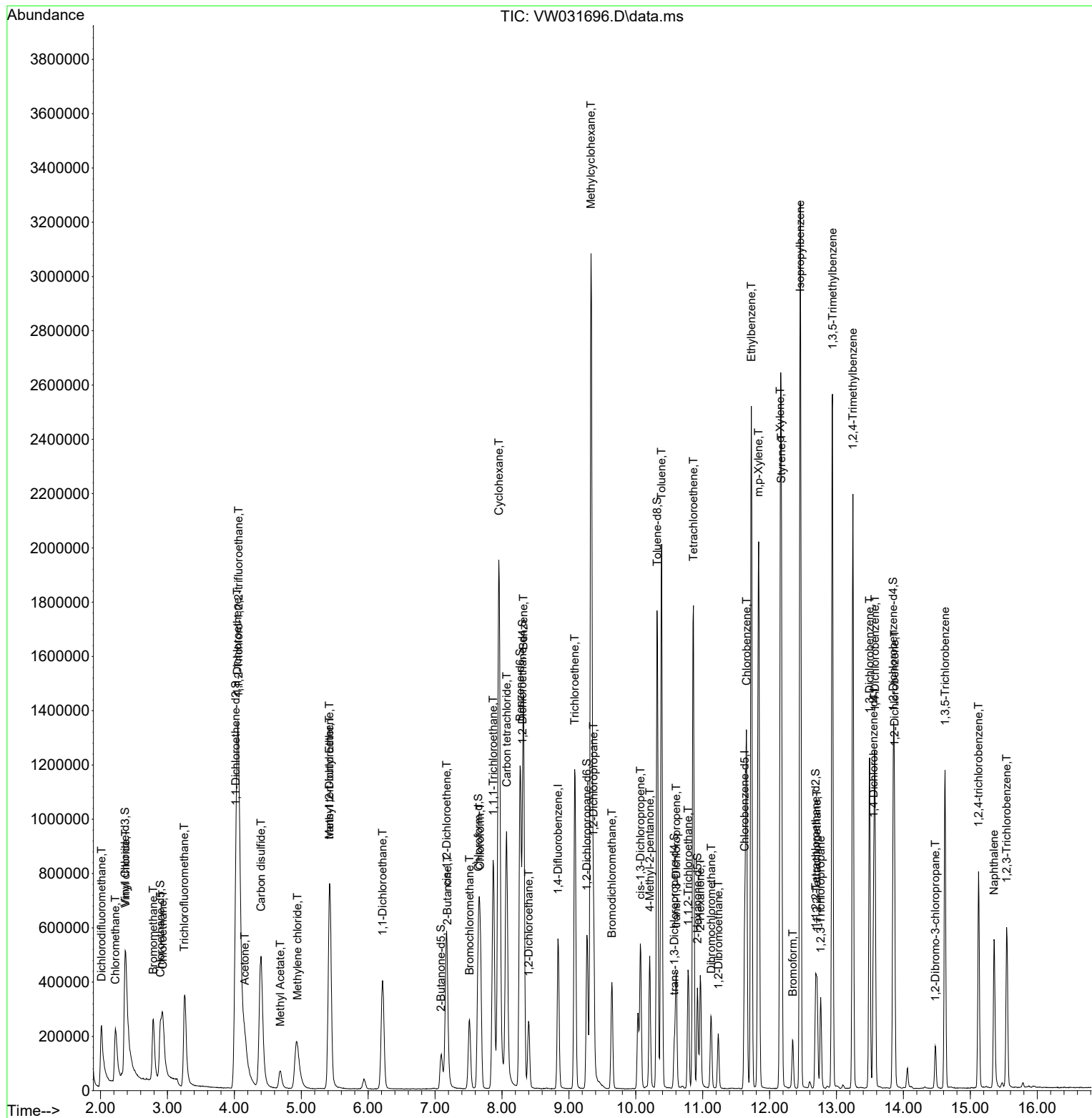
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	143176	49.31	ug/L	96
46) Tetrachloroethene	10.861	164	391904	54.37	ug/L	97
48) 2-Hexanone	10.965	43	262609	106.09	ug/L	97
49) Dibromochloromethane	11.129	129	140642	47.97	ug/L	90
50) 1,2-Dibromoethane	11.233	107	135388	49.61	ug/L	97
51) Chlorobenzene	11.654	112	688414	49.60	ug/L	98
52) Ethylbenzene	11.727	91	1753633	52.36	ug/L	99
53) m,p-Xylene	11.837	106	647726	53.73	ug/L	99
54) o-Xylene	12.160	106	505774	53.32	ug/L	94
55) Styrene	12.178	104	745345	54.51	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	181116	48.10	ug/L	98
59) Bromoform	12.349	173	81470	49.33	ug/L #	98
60) Isopropylbenzene	12.458	105	2055953	53.68	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	140814	45.94	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	1384850	52.83	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1158201	51.94	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	484165	47.91	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	457871	48.59	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	369732	48.12	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	43455	43.93	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	338367	48.59	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	236182	50.04	ug/L	96
71) Naphthalene	15.354	128	463425	50.63	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	183131	47.77	ug/L	99

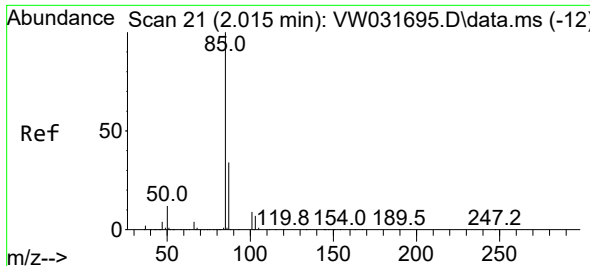
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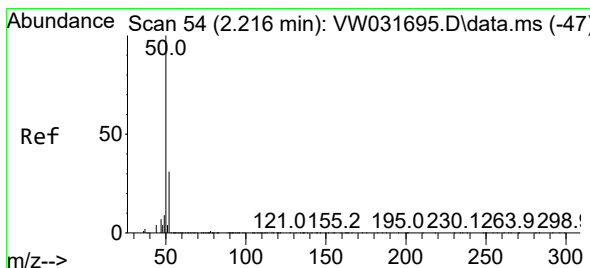
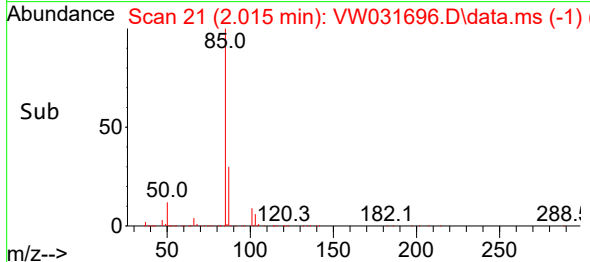
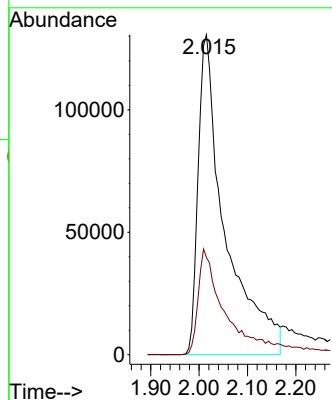
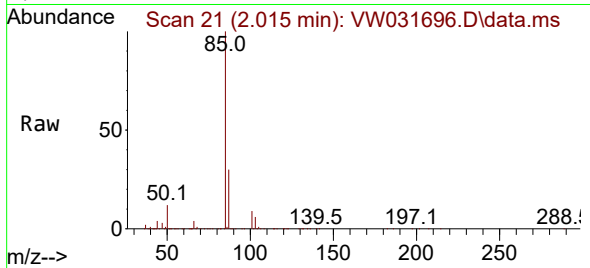




#2
Dichlorodifluoromethane
Concen: 54.07 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

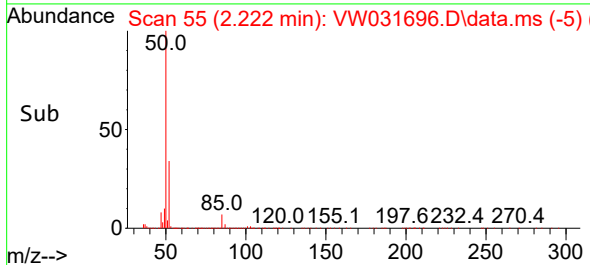
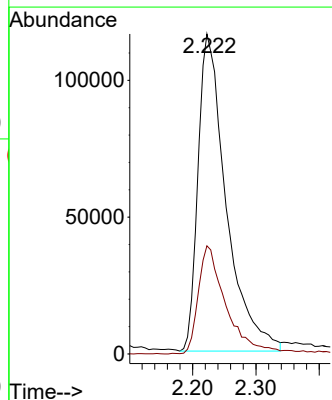
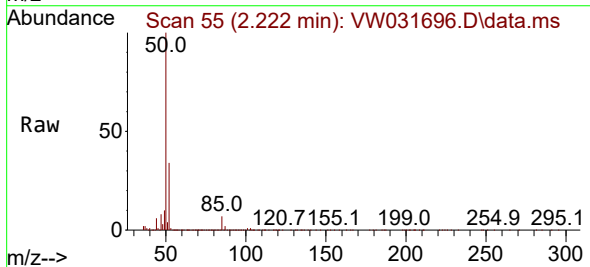
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

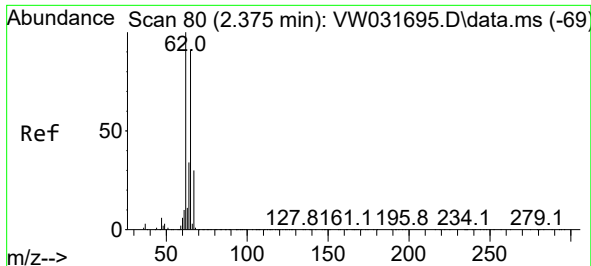
Tgt Ion: 85 Resp: 505059
Ion Ratio Lower Upper
85 100
87 29.9 0.1 0.1#



#3
Chloromethane
Concen: 48.53 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 50 Resp: 358300
Ion Ratio Lower Upper
50 100
52 33.8 22.0 41.0

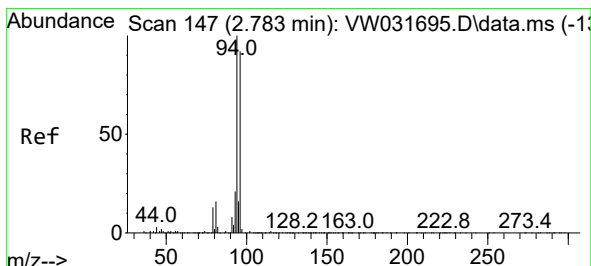
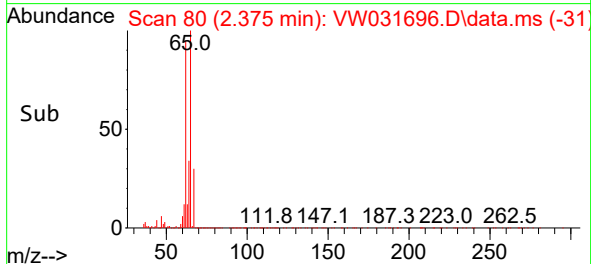
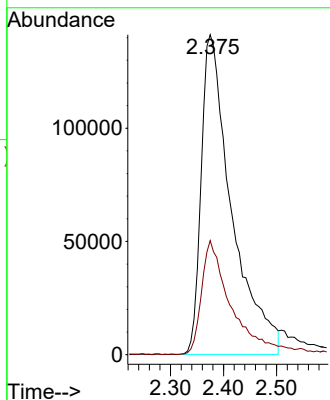
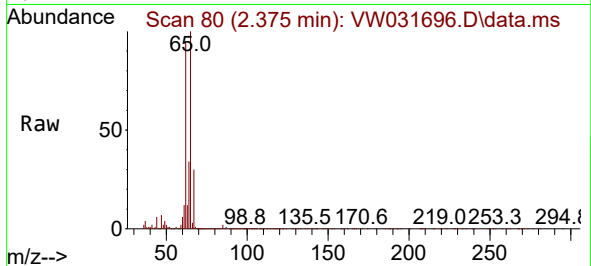




#5
 Vinyl chloride
 Concen: 50.54 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031696.D
 Acq: 08 May 2025 11:58

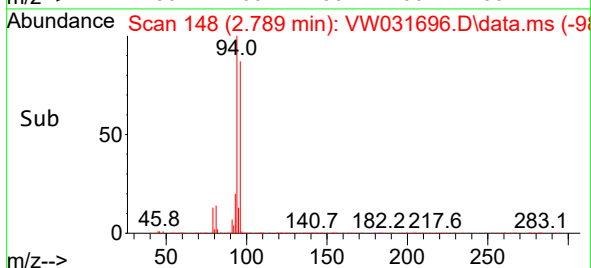
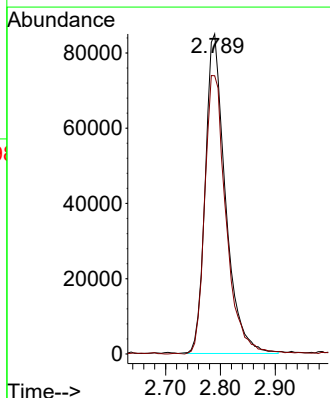
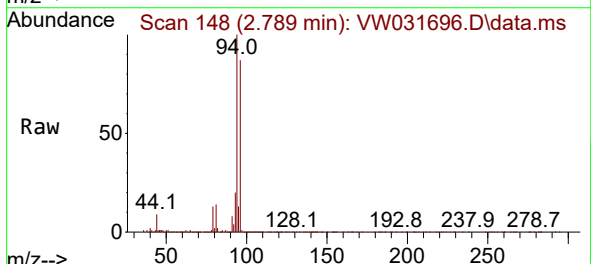
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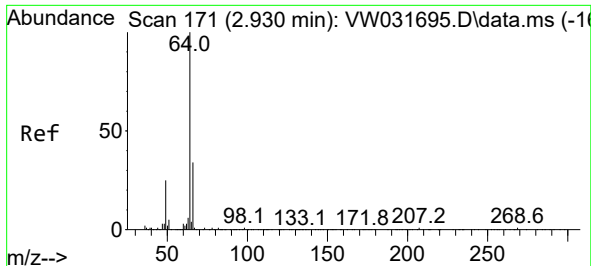
Tgt Ion: 62 Resp: 560945
 Ion Ratio Lower Upper
 62 100
 64 35.6 23.7 43.9



#6
 Bromomethane
 Concen: 48.15 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031696.D
 Acq: 08 May 2025 11:58

Tgt Ion: 94 Resp: 216538
 Ion Ratio Lower Upper
 94 100
 96 87.0 64.3 119.3

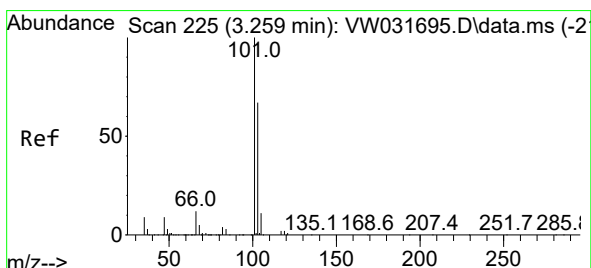
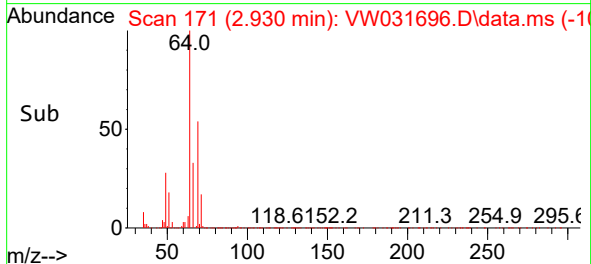
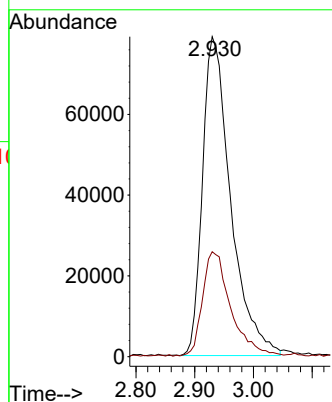
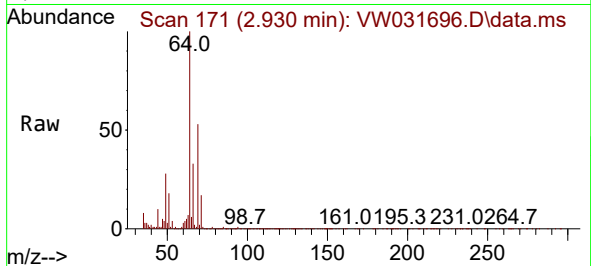




#8
Chloroethane
Concen: 49.39 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

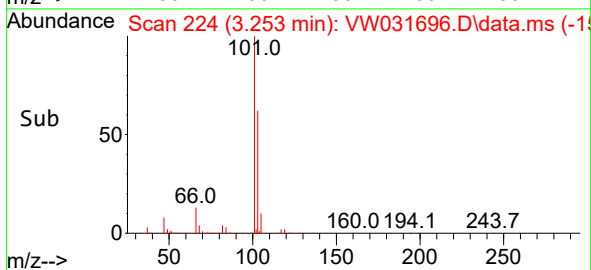
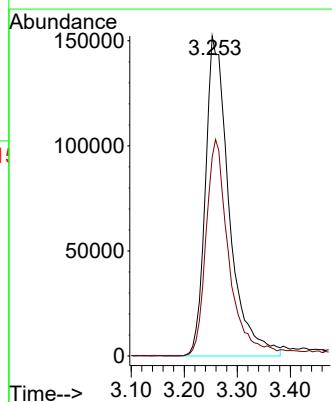
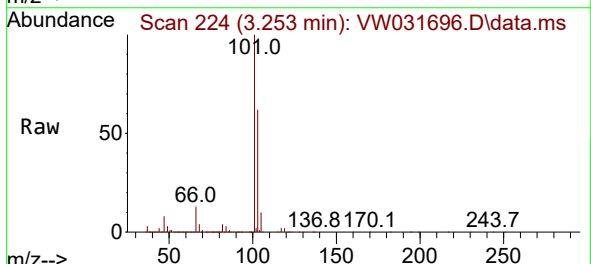
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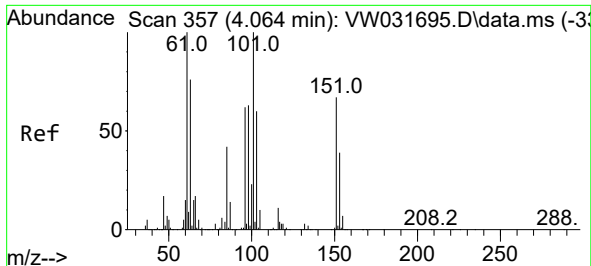
Tgt Ion: 64 Resp: 262983
Ion Ratio Lower Upper
64 100
66 32.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 54.40 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.006 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 101 Resp: 472159
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

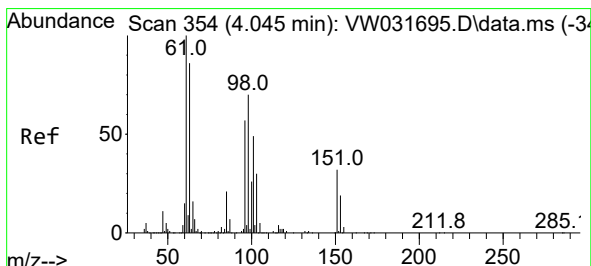
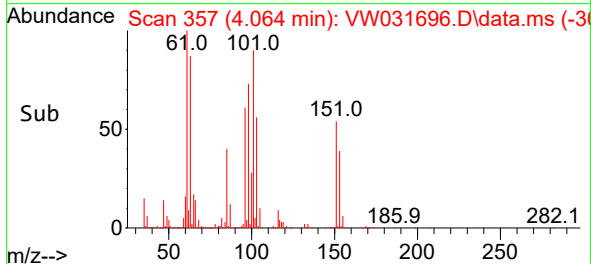
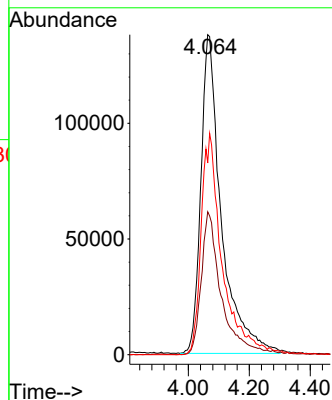
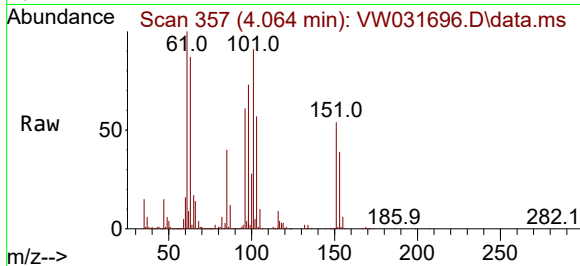




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.34 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

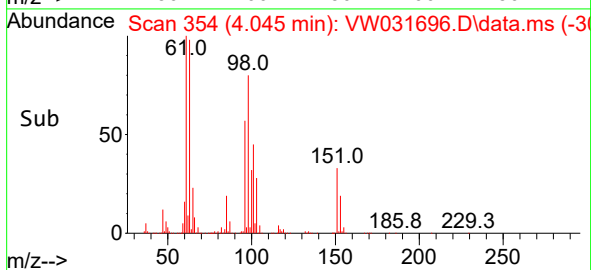
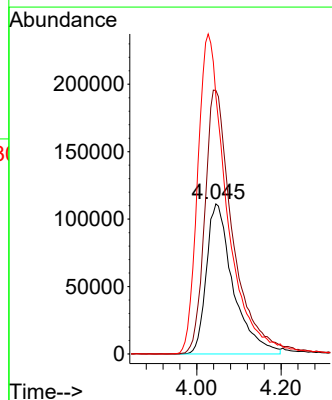
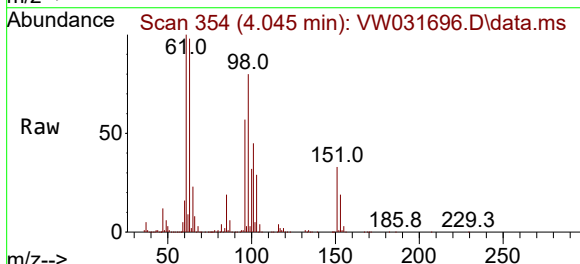
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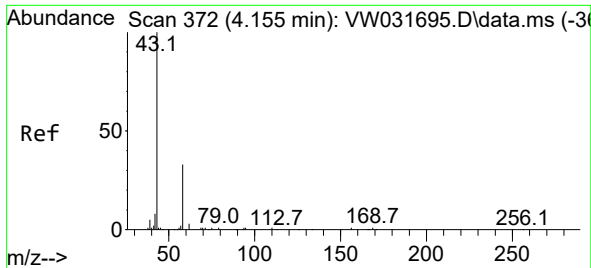
Tgt Ion:101 Resp: 643666
Ion Ratio Lower Upper
101 100
85 43.2 31.8 47.6
151 24.8 54.6 82.0#



#12
1,1-Dichloroethene
Concen: 55.20 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW031696.D
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Tgt Ion: 96 Resp: 491561
Ion Ratio Lower Upper
96 100
61 175.5 124.5 231.1
63 171.7 110.2 204.6

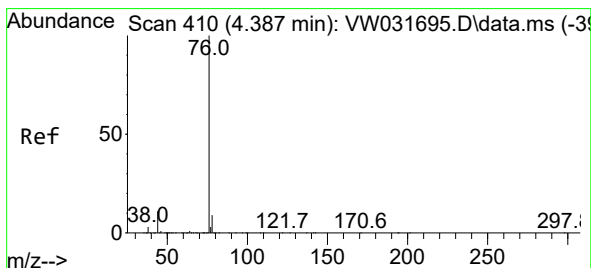
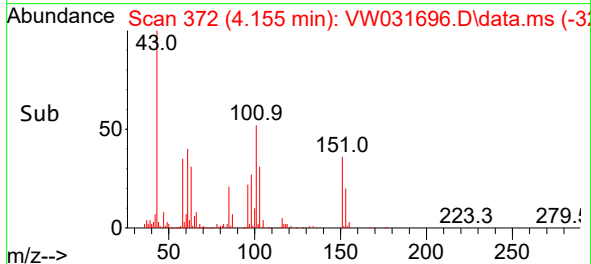
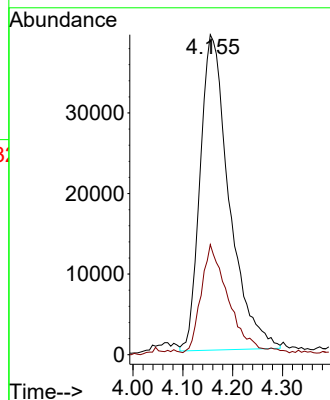
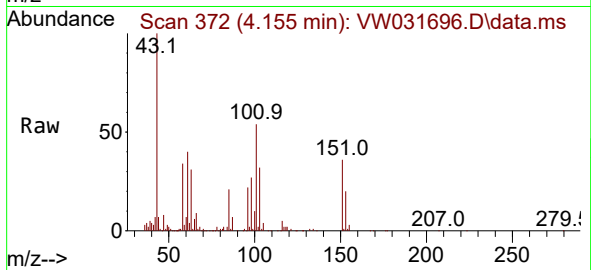




#13
Acetone
Concen: 97.25 ug/L
RT: 4.155 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

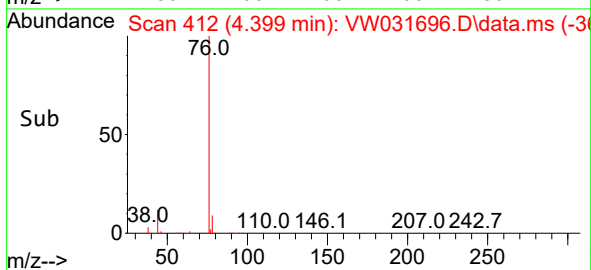
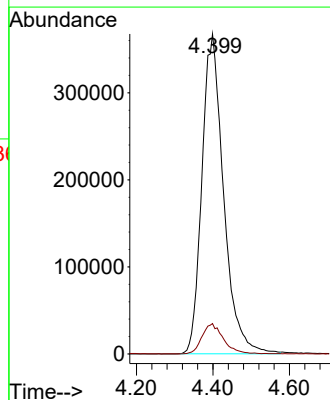
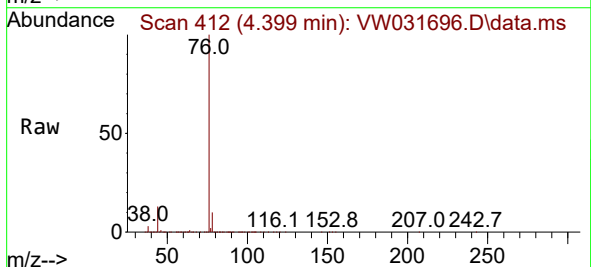
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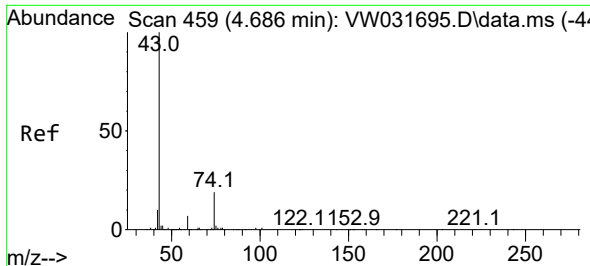
Tgt Ion: 43 Resp: 158166
Ion Ratio Lower Upper
43 100
58 32.2 0.0 66.2



#14
Carbon disulfide
Concen: 51.51 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 76 Resp: 1446959
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3

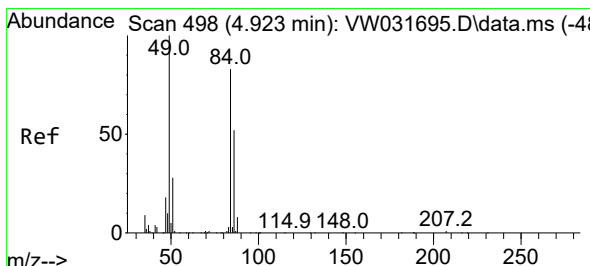
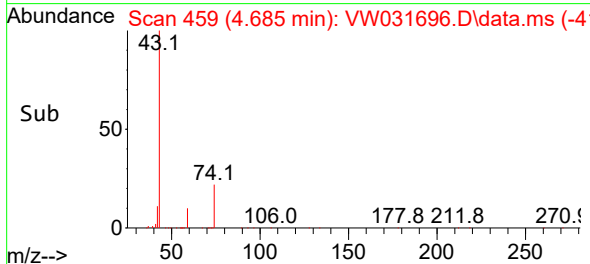
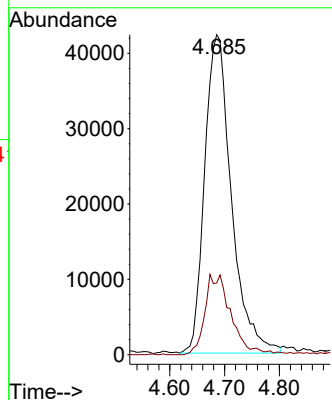
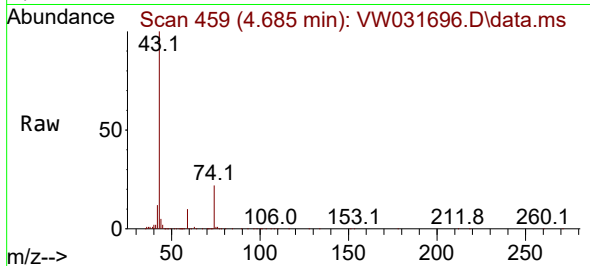




#15
Methyl Acetate
Concen: 47.82 ug/L
RT: 4.685 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

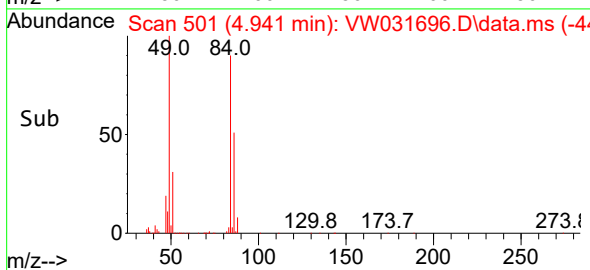
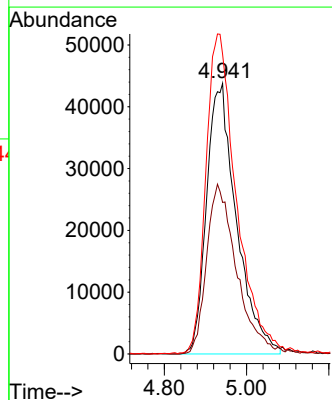
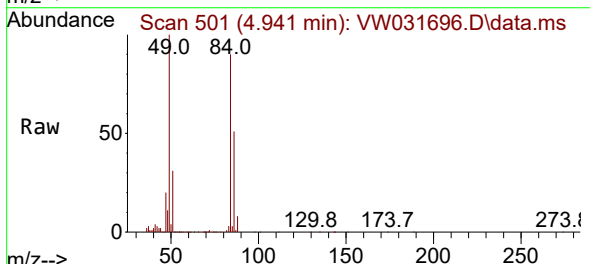
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

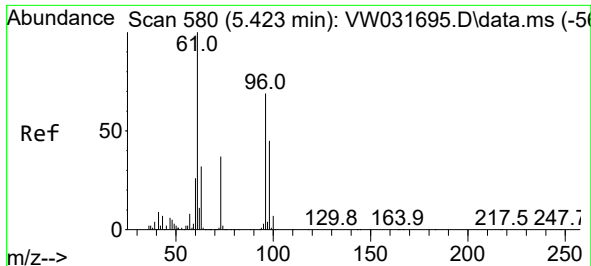
Tgt Ion: 43 Resp: 143272
Ion Ratio Lower Upper
43 100
74 9.3 8.7 13.1



#16
Methylene chloride
Concen: 45.60 ug/L
RT: 4.941 min Scan# 501
Delta R.T. 0.018 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 84 Resp: 221009
Ion Ratio Lower Upper
84 100
86 56.0 44.2 82.2
49 110.8 85.1 158.1

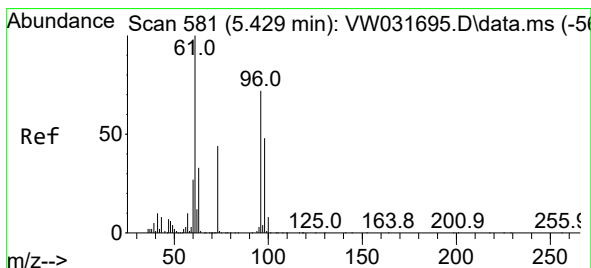
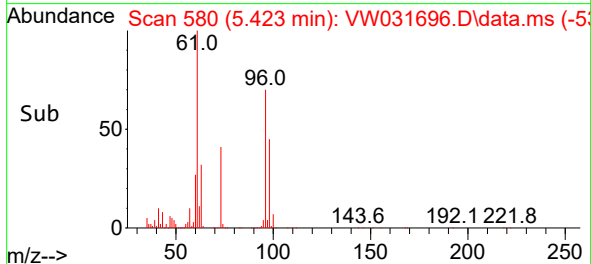
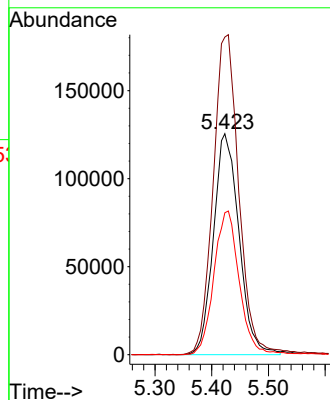
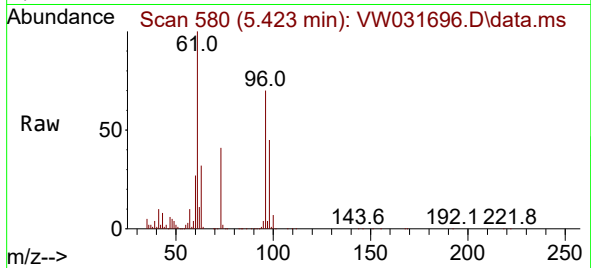




#17
trans-1,2-Dichloroethene
Concen: 50.31 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

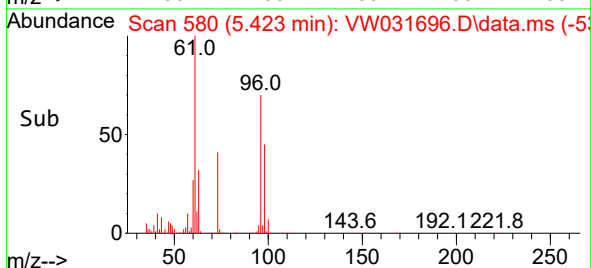
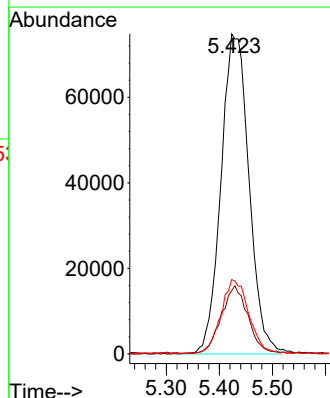
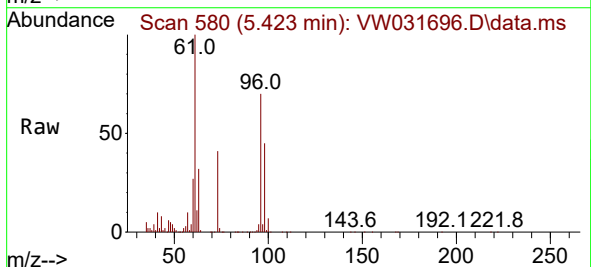
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

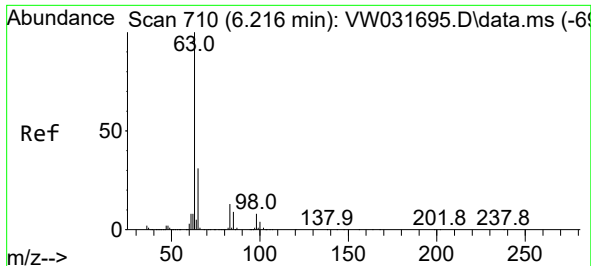
Tgt Ion: 96 Resp: 392581
Ion Ratio Lower Upper
96 100
61 143.7 100.9 187.3
98 64.2 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 49.34 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 73 Resp: 273847
Ion Ratio Lower Upper
73 100
43 20.0 15.4 23.2
57 23.2 8.5 12.7





#19

1,1-Dichloroethane

Concen: 49.37 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD050467

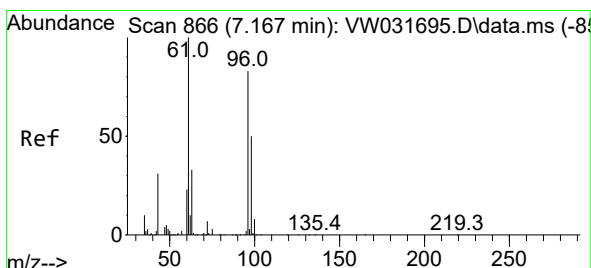
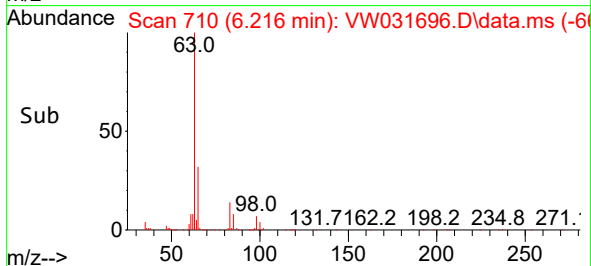
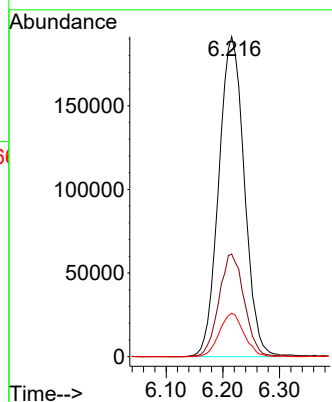
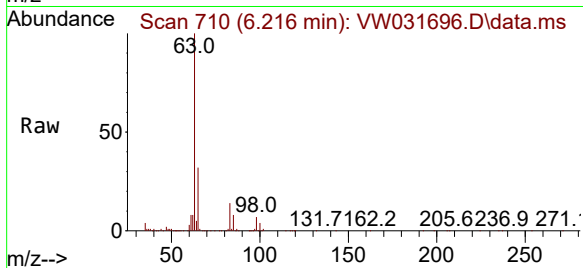
Tgt Ion: 63 Resp: 598152

Ion Ratio Lower Upper

63 100

65 32.1 21.6 40.0

83 13.5 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 49.60 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

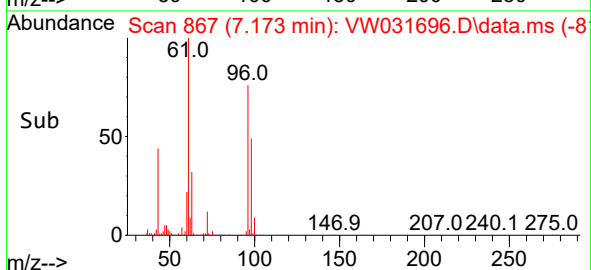
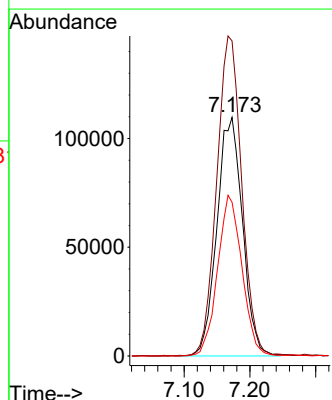
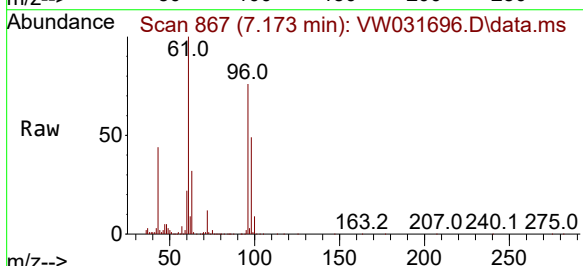
Tgt Ion: 96 Resp: 297097

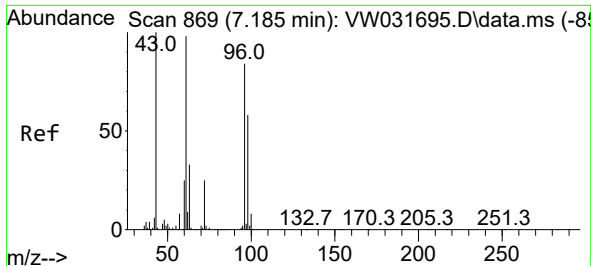
Ion Ratio Lower Upper

96 100

61 132.0 84.8 157.6

98 64.4 42.4 78.6

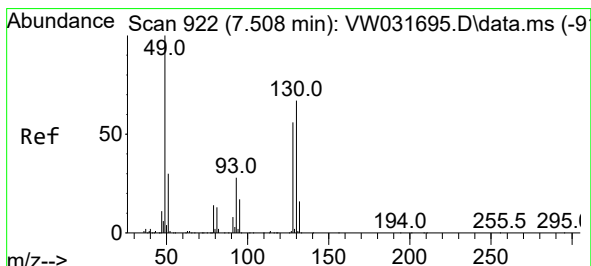
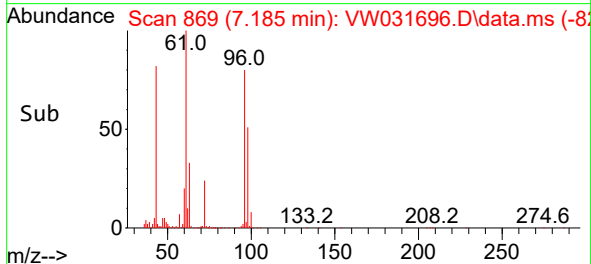
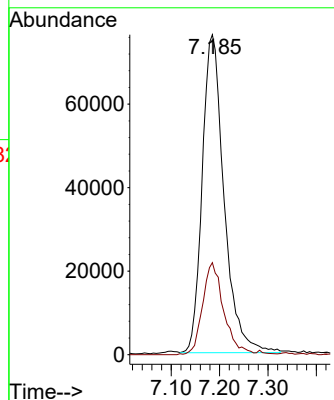
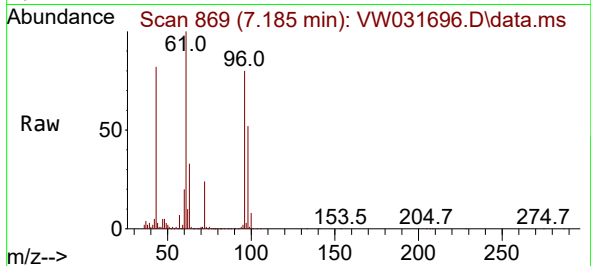




#22
2-Butanone
Concen: 98.90 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

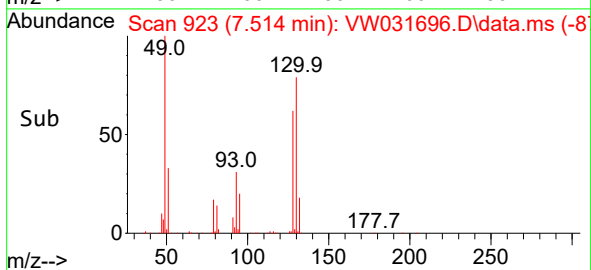
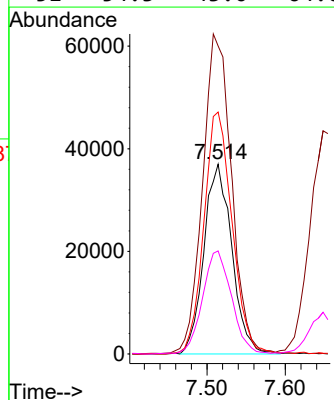
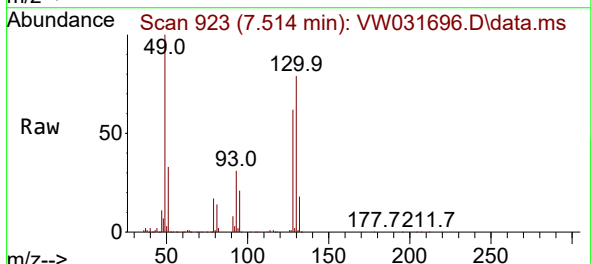
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

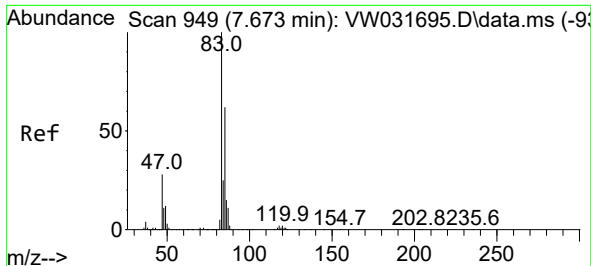
Tgt Ion: 43 Resp: 238809
Ion Ratio Lower Upper
43 100
72 26.6 13.7 41.1



#23
Bromochloromethane
Concen: 47.13 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 128 Resp: 91539
Ion Ratio Lower Upper
128 100
49 162.4 125.1 232.3
130 127.5 83.9 155.7
51 54.3 43.0 64.6

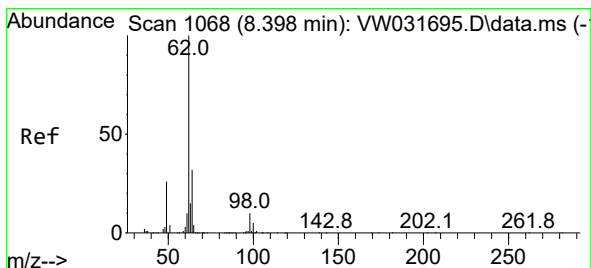
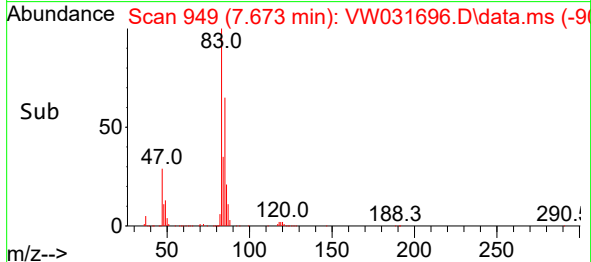
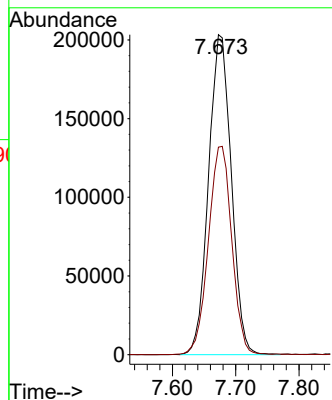
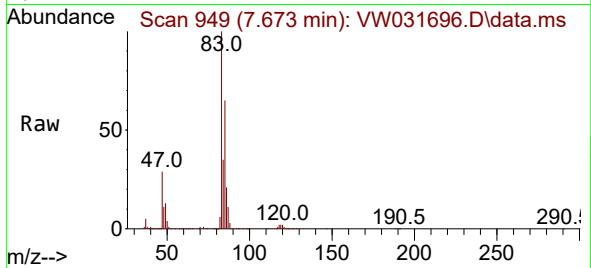




#25
Chloroform
Concen: 48.75 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

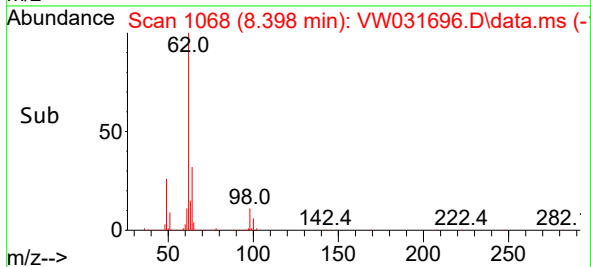
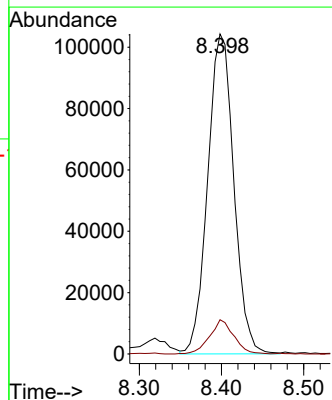
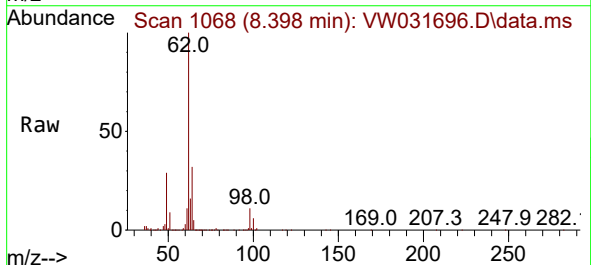
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

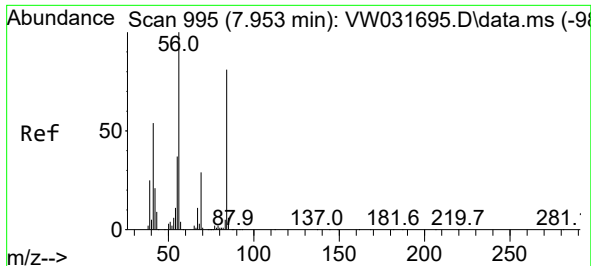
Tgt Ion: 83 Resp: 507502
Ion Ratio Lower Upper
83 100
85 64.8 43.2 80.2



#27
1,2-Dichloroethane
Concen: 47.78 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 62 Resp: 230525
Ion Ratio Lower Upper
62 100
98 10.7 8.0 12.0

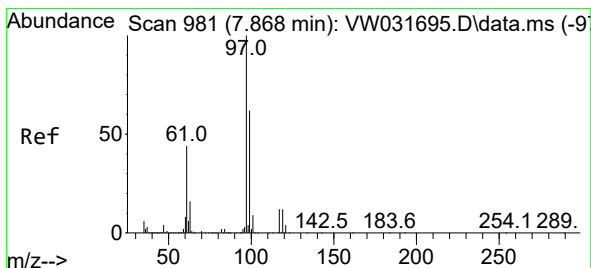
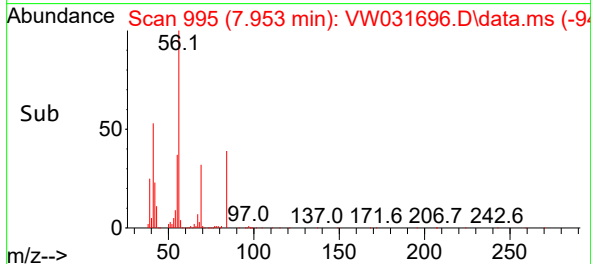
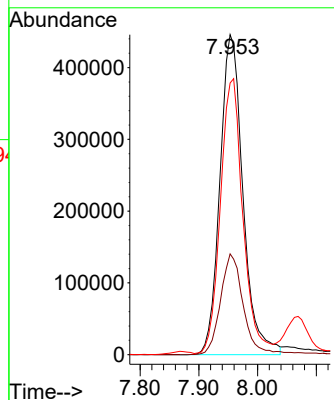
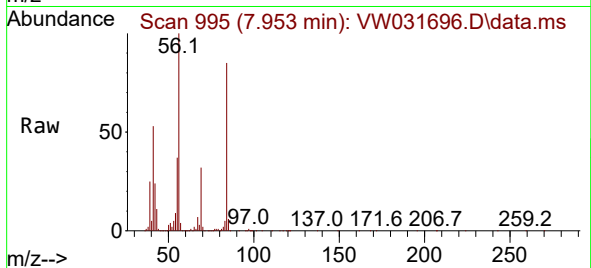




#29
Cyclohexane
Concen: 58.44 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

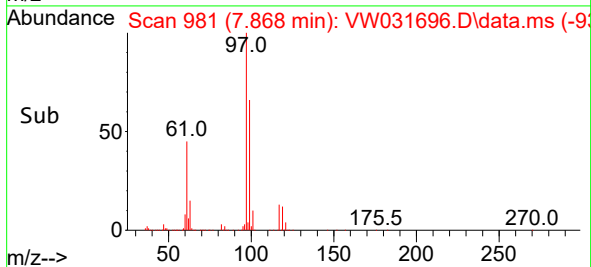
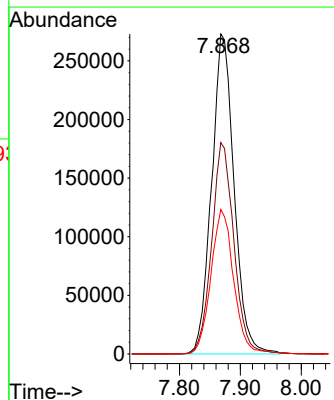
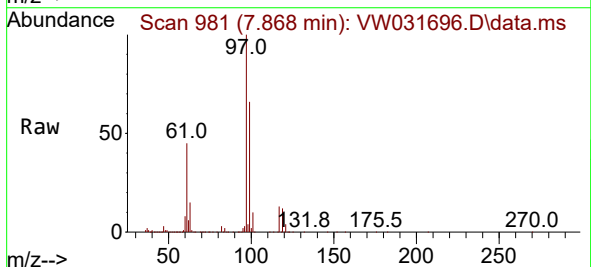
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

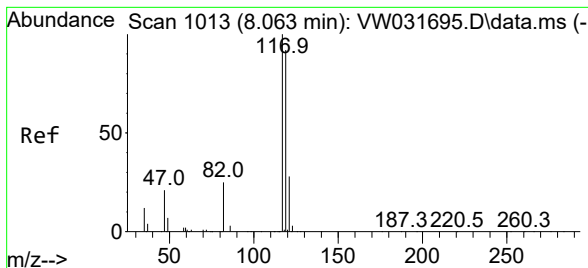
Tgt Ion: 56 Resp: 1213256
Ion Ratio Lower Upper
56 100
69 30.5 24.9 37.3
84 84.0 68.2 102.4



#30
1,1,1-Trichloroethane
Concen: 51.95 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 97 Resp: 699938
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 45.8 36.4 54.6





#31

Carbon tetrachloride

Concen: 55.08 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Instrument :

MSVOA_W

ClientSampleId :

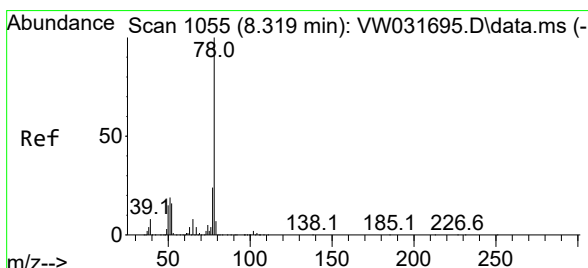
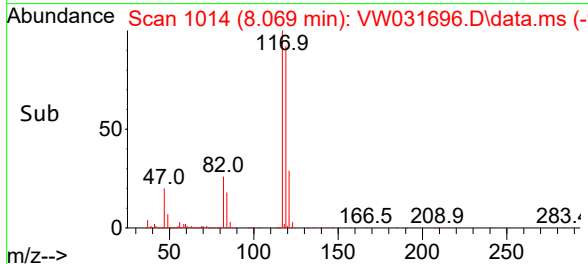
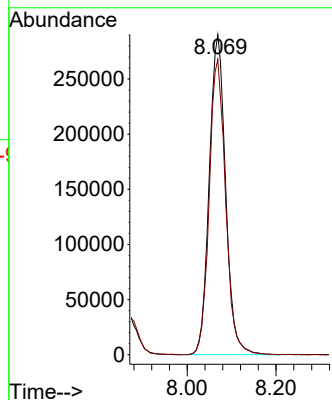
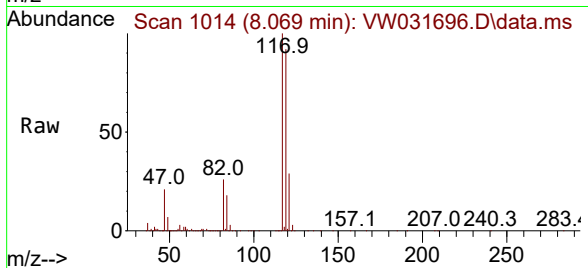
VSTD050467

Tgt Ion:117 Resp: 742483

Ion Ratio Lower Upper

117 100

119 92.4 76.5 114.7



#33

Benzene

Concen: 50.93 ug/L

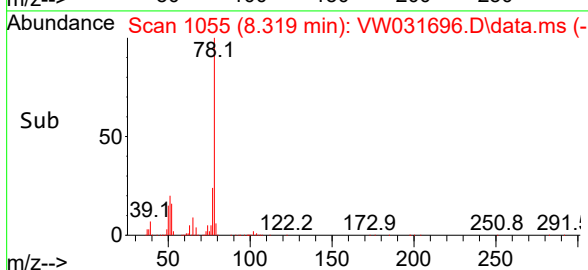
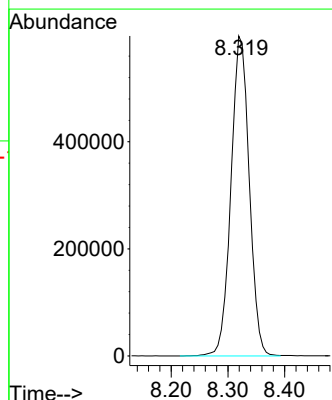
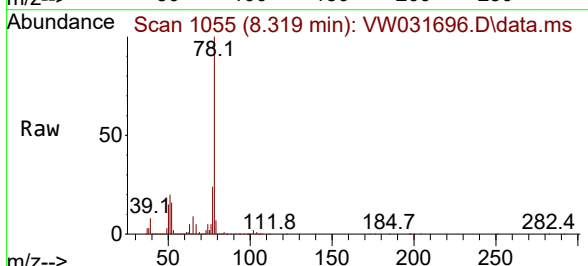
RT: 8.319 min Scan# 1055

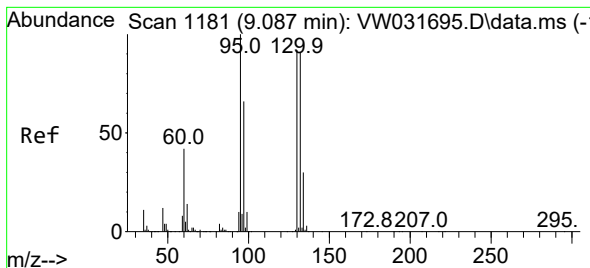
Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Tgt Ion: 78 Resp: 1335172



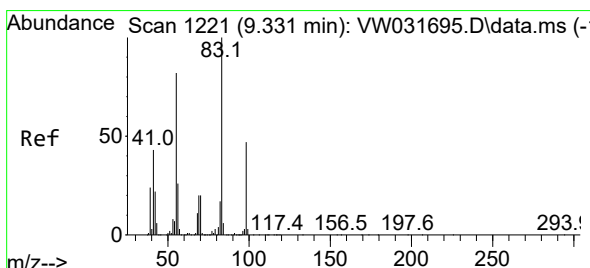
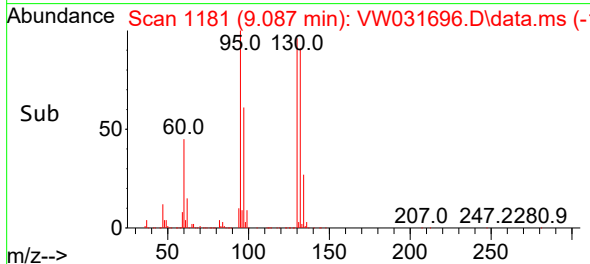
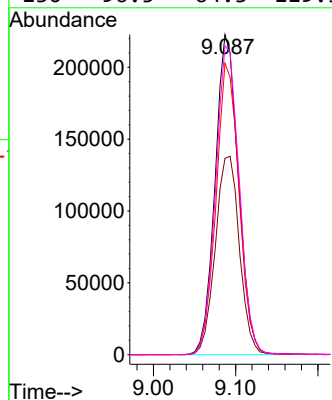
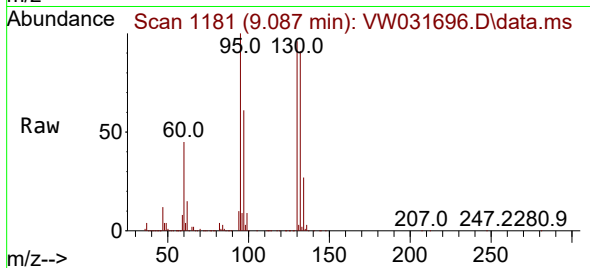


#34
Trichloroethene
Concen: 50.97 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

Tgt Ion: 95 Resp: 438942

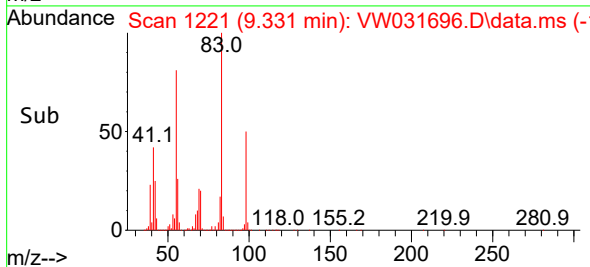
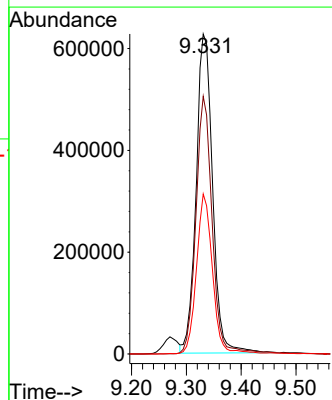
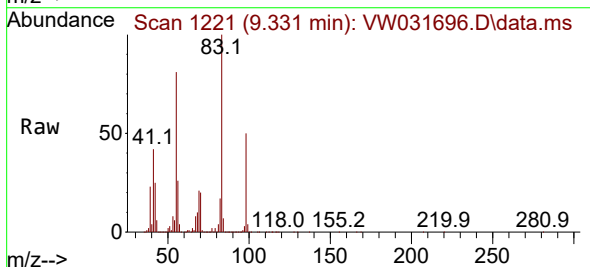
Ion	Ratio	Lower	Upper
95	100		
97	61.4	46.0	85.4
132	91.1	63.8	118.4
130	96.5	64.3	119.3

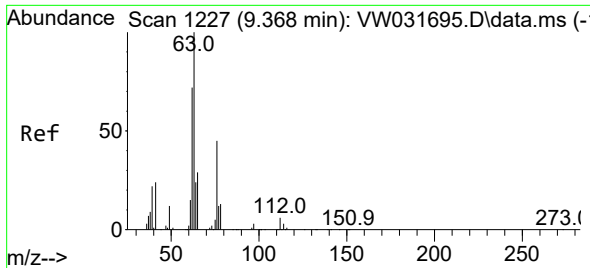


#35
Methylcyclohexane
Concen: 57.78 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 83 Resp: 1312568

Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.1	94.7
98	47.3	37.6	56.4

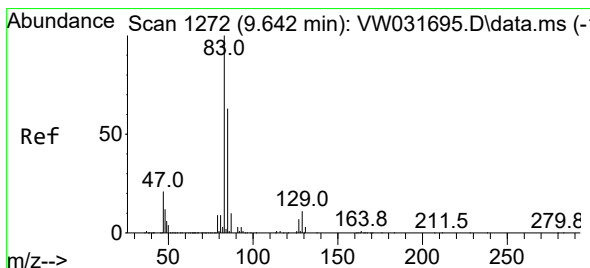
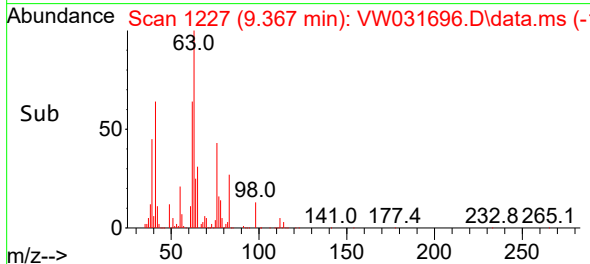
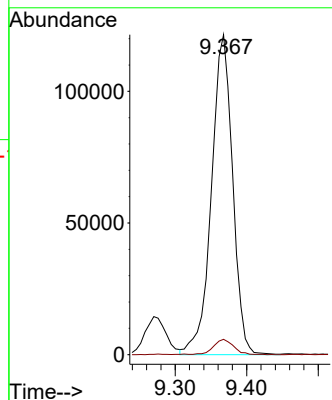
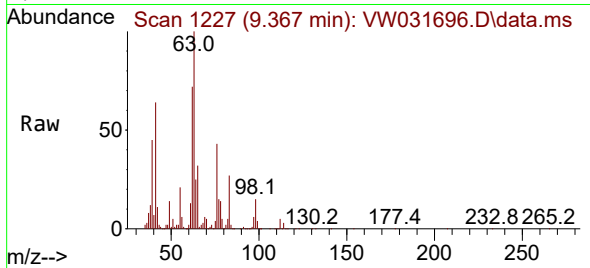




#37
1,2-Dichloropropane
Concen: 49.15 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

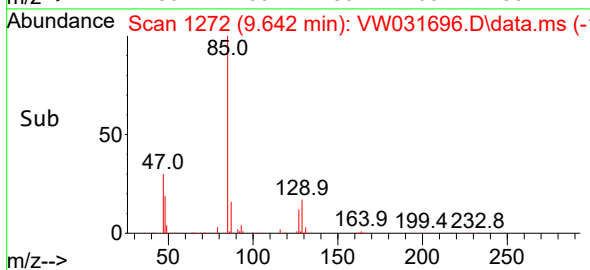
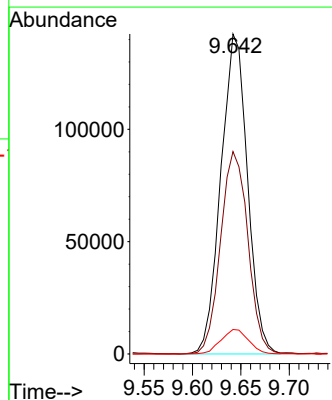
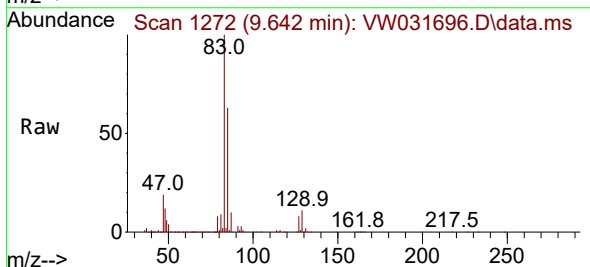
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

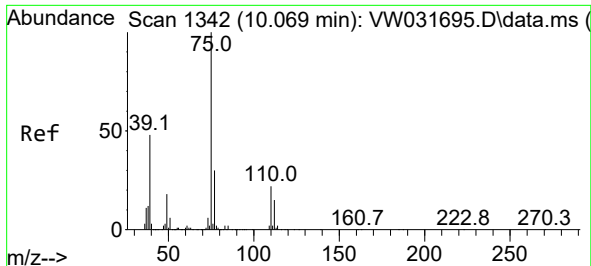
Tgt Ion: 63 Resp: 250162
Ion Ratio Lower Upper
63 100
112 4.4 4.0 6.0



#38
Bromodichloromethane
Concen: 48.63 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 83 Resp: 272236
Ion Ratio Lower Upper
83 100
85 63.3 44.0 81.8
127 7.6 5.8 8.6

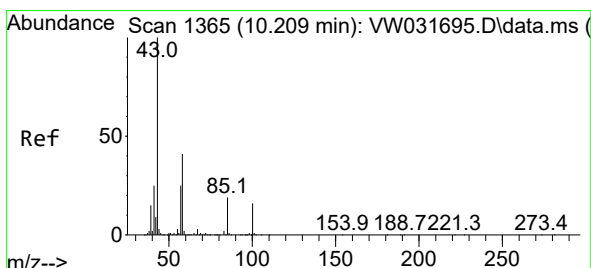
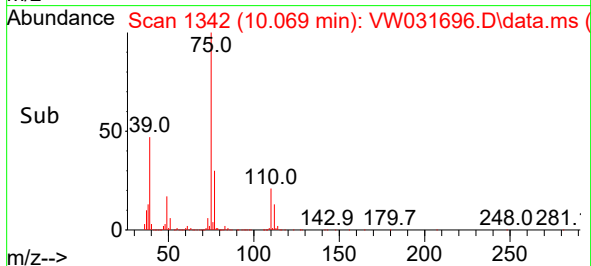
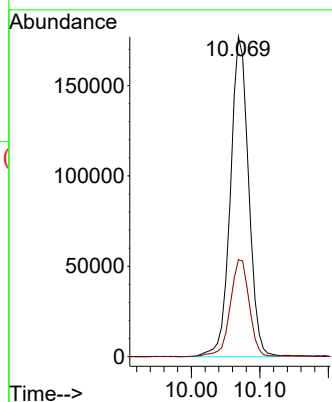
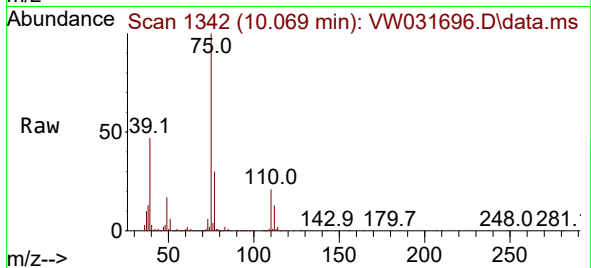




#39
cis-1,3-Dichloropropene
Concen: 51.99 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

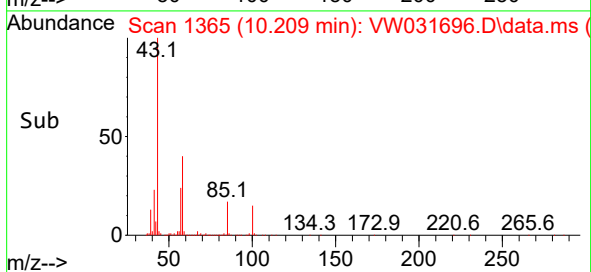
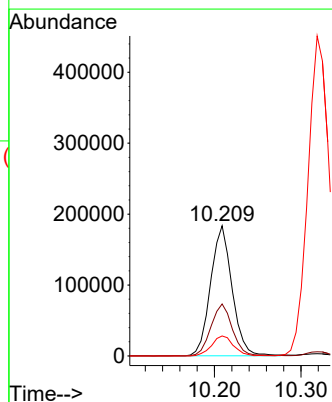
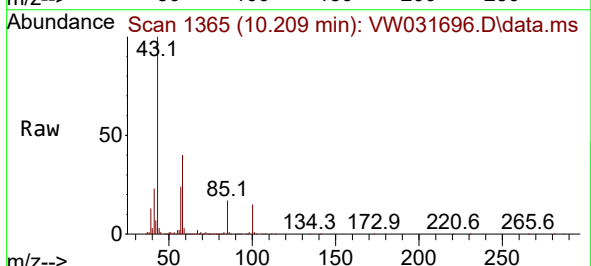
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

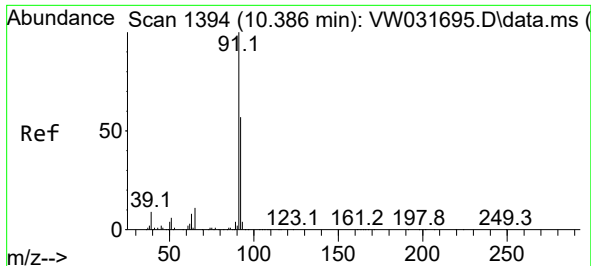
Tgt Ion: 75 Resp: 327444
Ion Ratio Lower Upper
75 100
77 30.3 20.7 38.5



#40
4-Methyl-2-pentanone
Concen: 101.18 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 43 Resp: 315585
Ion Ratio Lower Upper
43 100
58 40.1 31.0 46.6
100 15.7 11.9 17.9

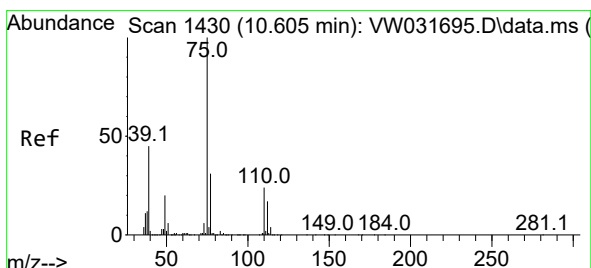
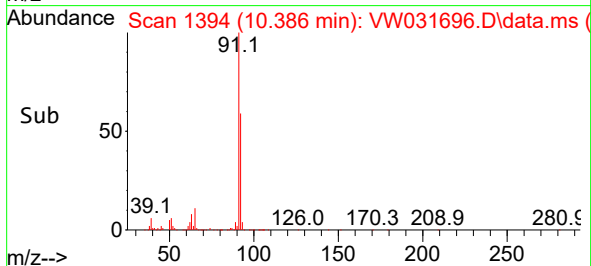
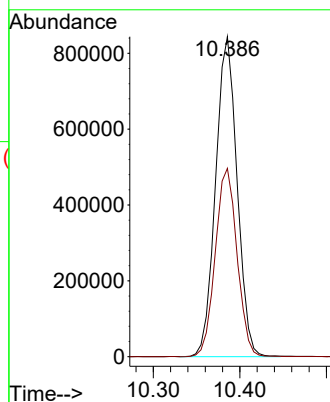
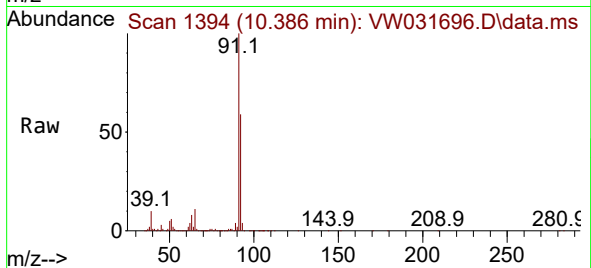




#42
Toluene
Concen: 52.21 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

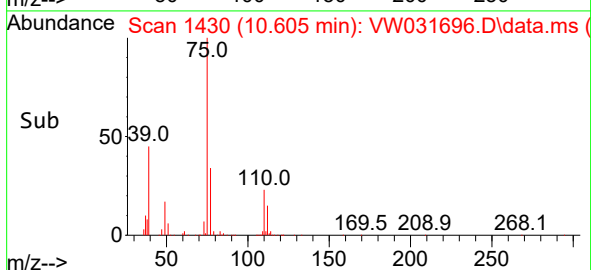
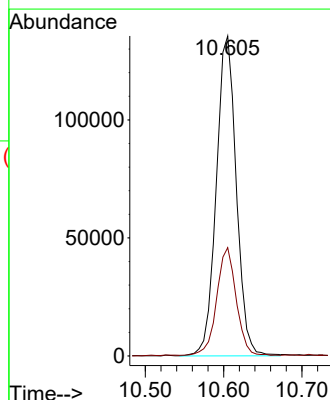
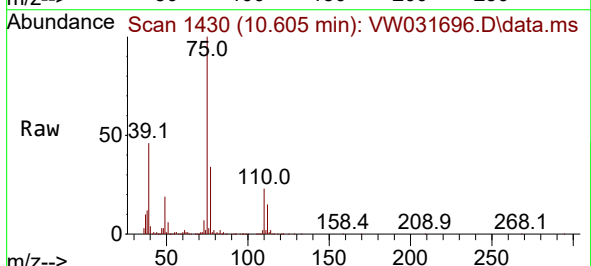
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

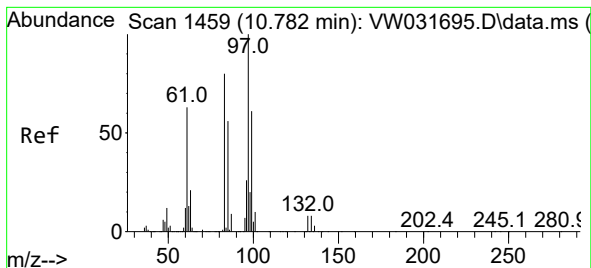
Tgt Ion: 91 Resp: 1454383
Ion Ratio Lower Upper
91 100
92 58.9 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 51.02 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 75 Resp: 240992
Ion Ratio Lower Upper
75 100
77 33.9 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 49.31 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD050467

Tgt Ion: 97 Resp: 143176

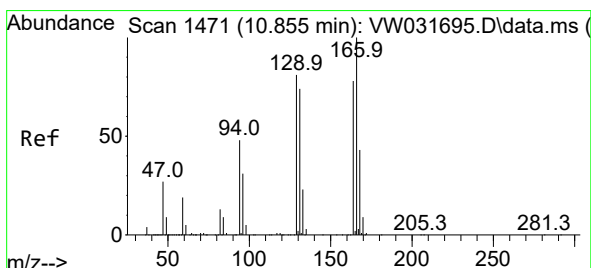
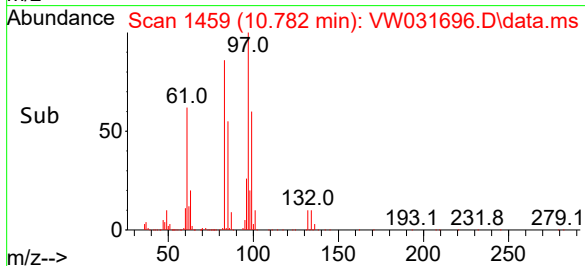
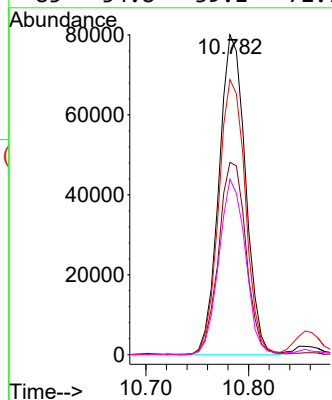
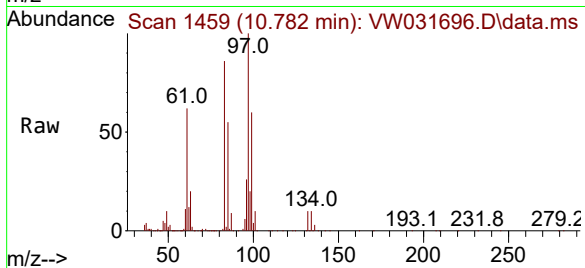
Ion Ratio Lower Upper

97 100

99 60.1 42.6 79.2

83 85.9 55.7 103.5

85 54.8 39.1 72.7



#46

Tetrachloroethene

Concen: 54.37 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Tgt Ion:164 Resp: 391904

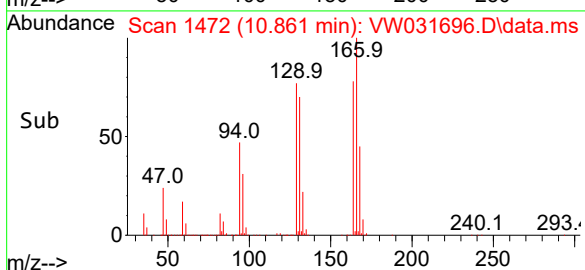
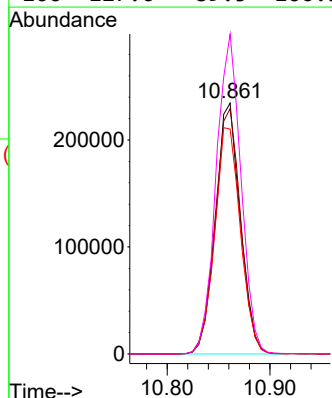
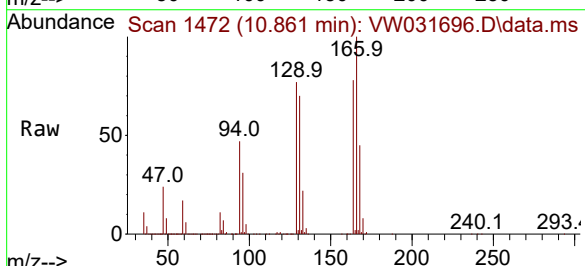
Ion Ratio Lower Upper

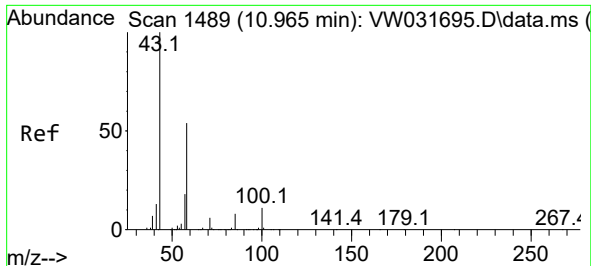
164 100

129 97.8 72.2 134.0

131 89.7 66.6 123.8

166 127.6 89.5 166.3

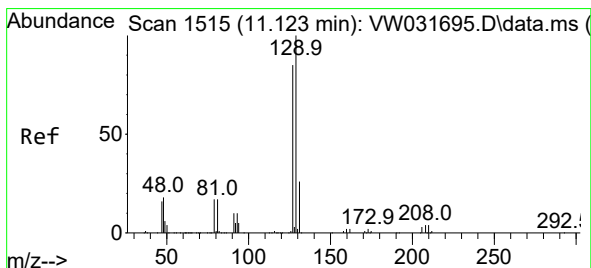
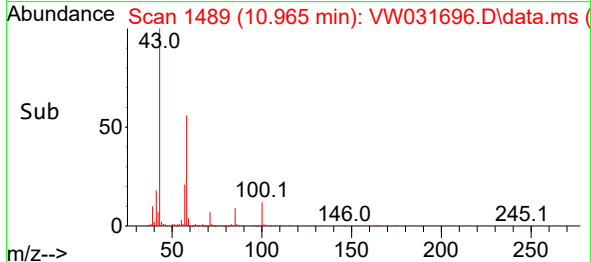
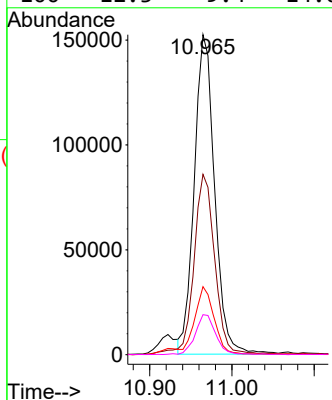
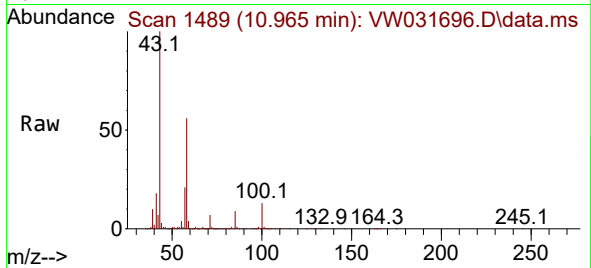




#48
2-Hexanone
Concen: 106.09 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

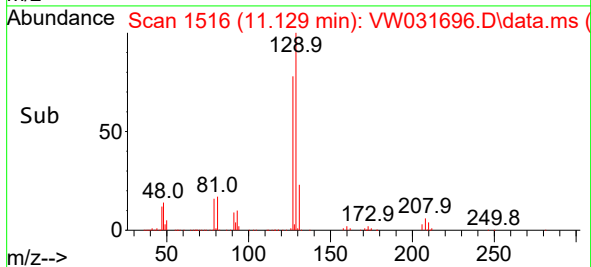
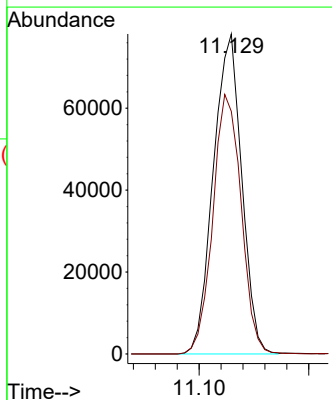
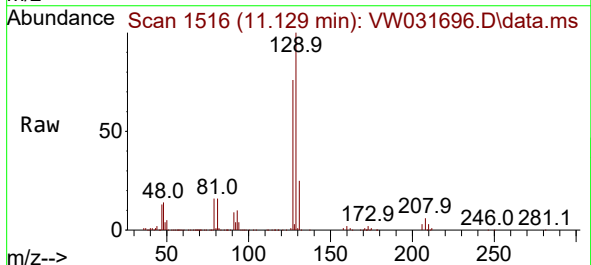
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

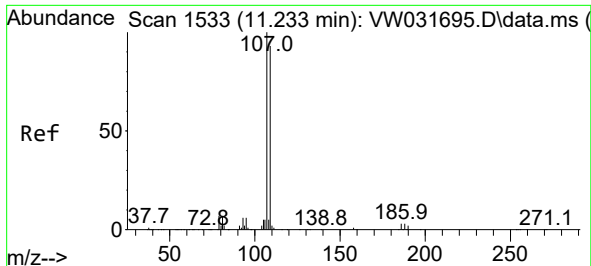
Tgt Ion:	43	Resp:	262609
Ion	Ratio	Lower	Upper
43	100		
58	57.5	43.6	65.4
57	19.4	15.4	23.0
100	12.3	9.4	14.0



#49
Dibromochloromethane
Concen: 47.97 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion:	129	Resp:	140642
Ion	Ratio	Lower	Upper
129	100		
127	75.8	59.7	110.9

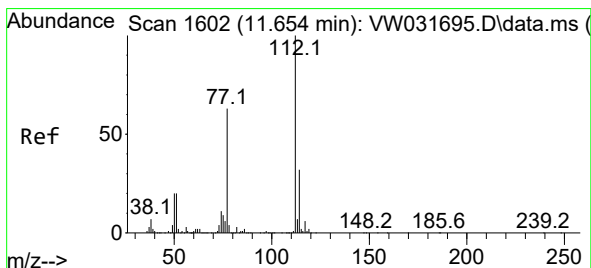
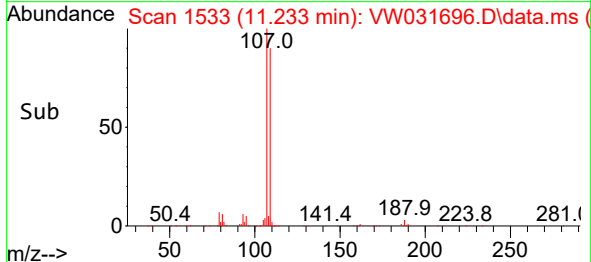
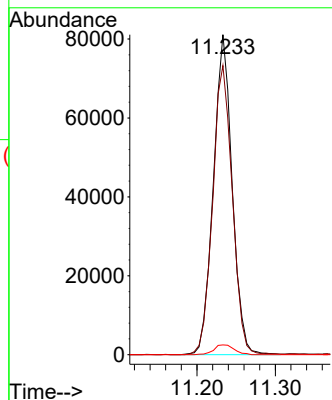
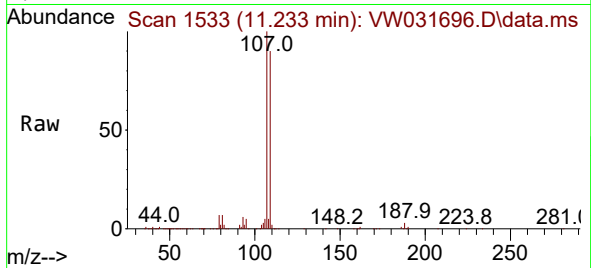




#50
1,2-Dibromoethane
Concen: 49.61 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

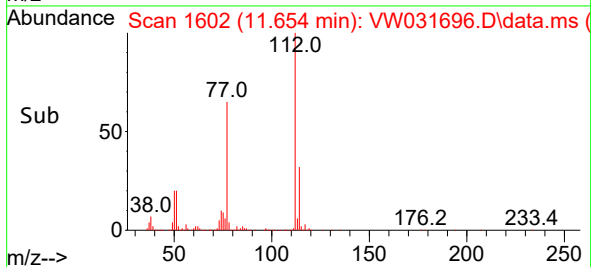
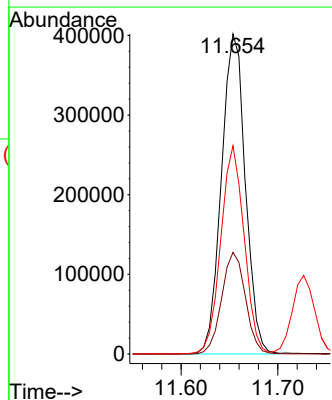
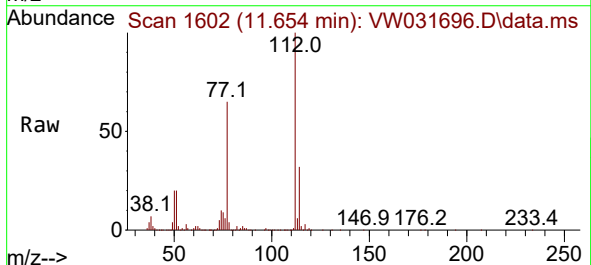
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

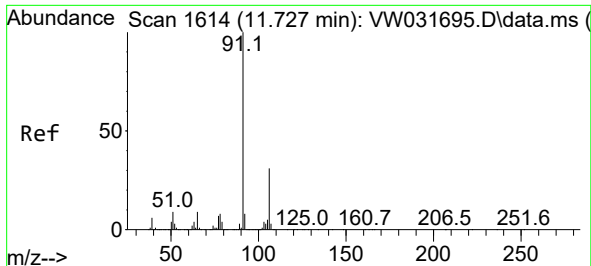
Tgt Ion:107 Resp: 135388
Ion Ratio Lower Upper
107 100
109 90.4 65.0 120.8
188 3.1 2.2 3.2



#51
Chlorobenzene
Concen: 49.60 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion:112 Resp: 688414
Ion Ratio Lower Upper
112 100
114 31.8 22.6 42.0
77 65.1 50.3 75.5

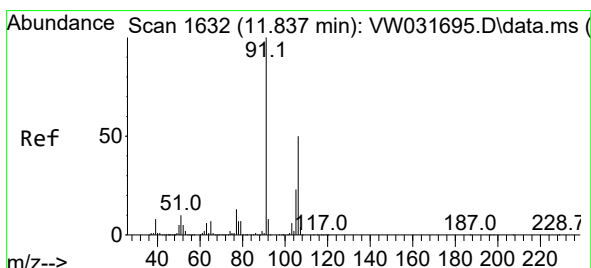
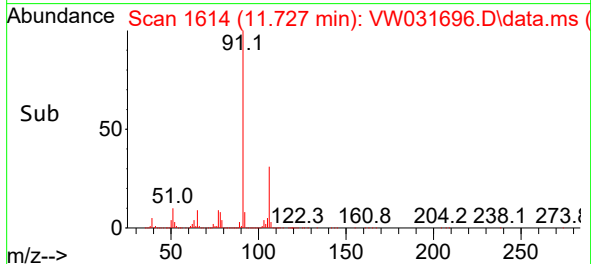
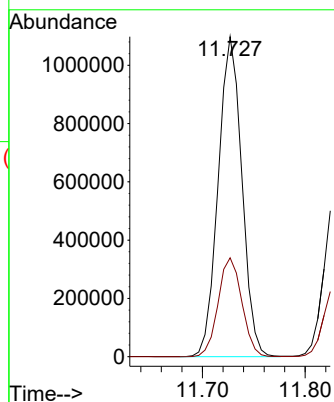
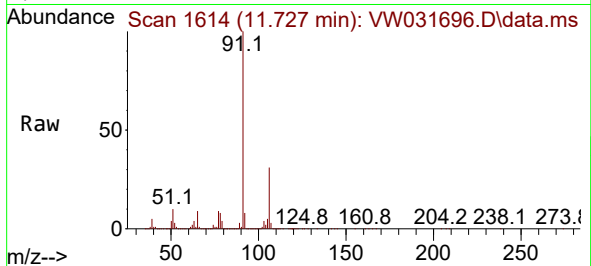




#52
Ethylbenzene
Concen: 52.36 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

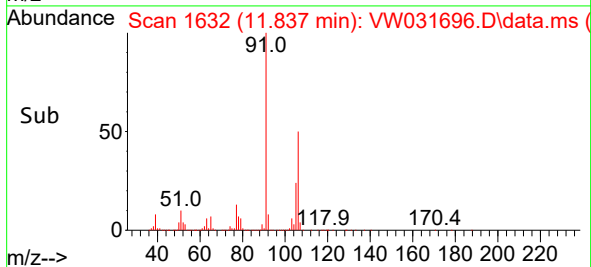
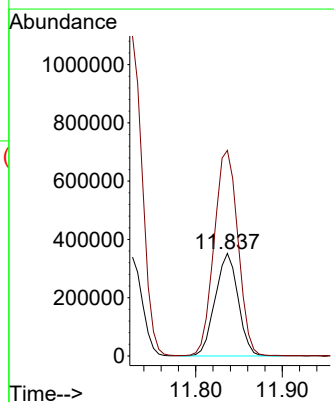
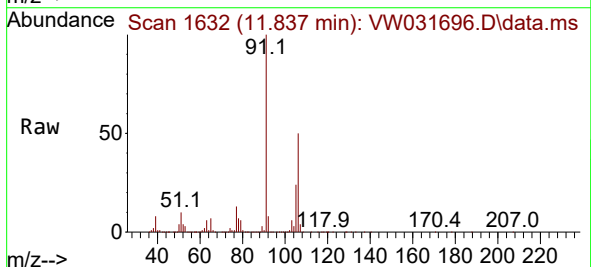
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

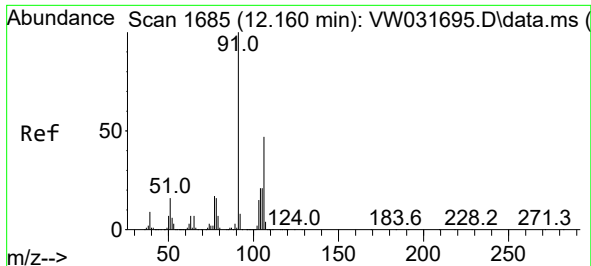
Tgt Ion: 91 Resp: 1753633
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.6



#53
m,p-Xylene
Concen: 53.73 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 106 Resp: 647726
Ion Ratio Lower Upper
106 100
91 200.6 138.9 257.9

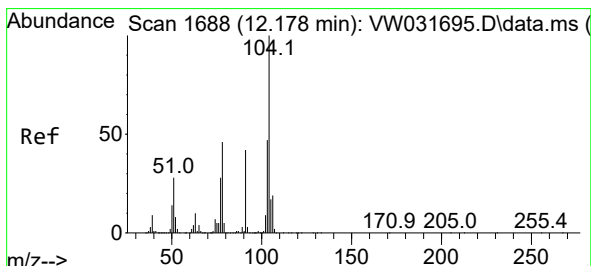
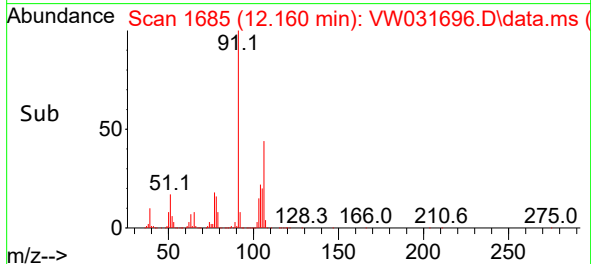
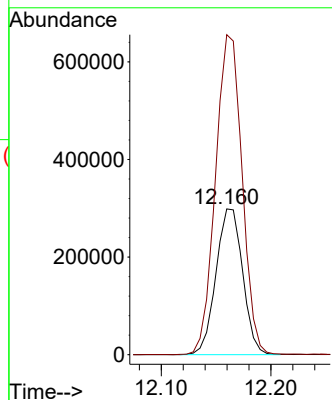
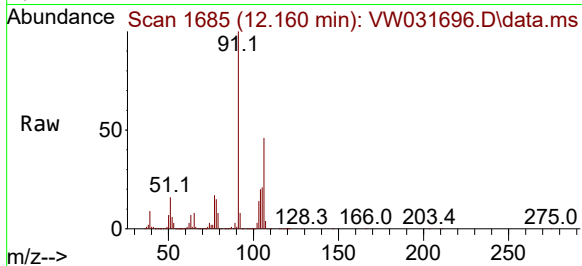




#54
o-Xylene
Concen: 53.32 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

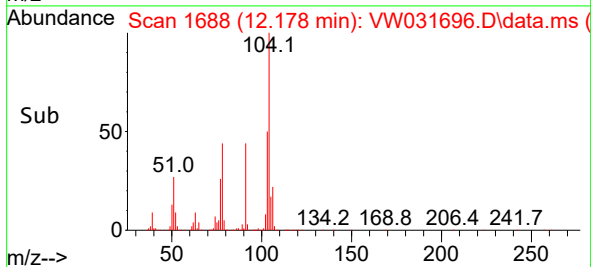
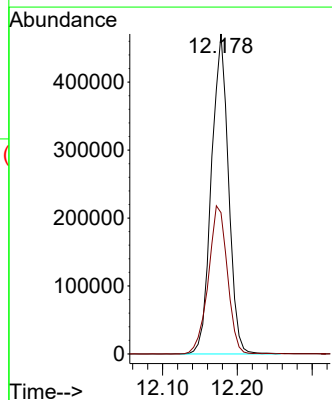
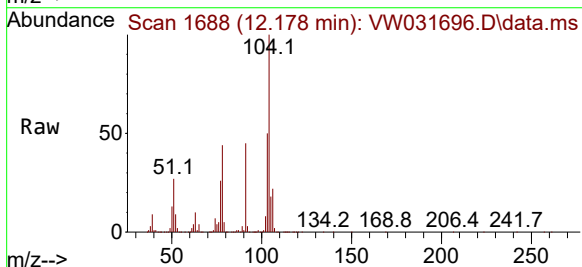
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

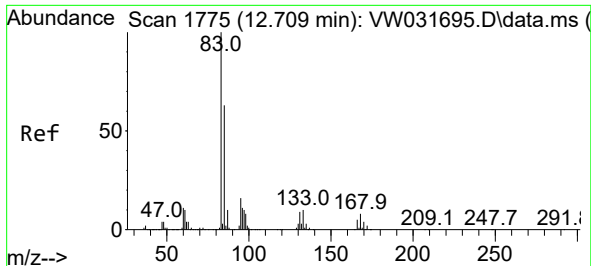
Tgt Ion:106 Resp: 505774
Ion Ratio Lower Upper
106 100
91 219.5 147.4 273.8



#55
Styrene
Concen: 54.51 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion:104 Resp: 745345
Ion Ratio Lower Upper
104 100
78 44.1 32.1 59.5





#57

1,1,2,2-Tetrachloroethane

Concen: 48.10 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD050467

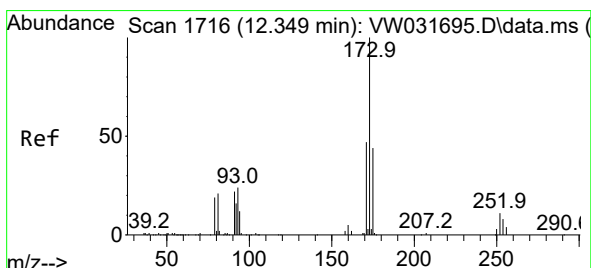
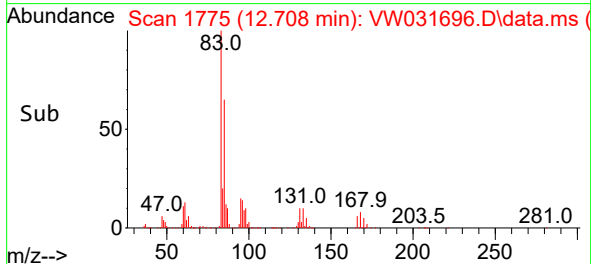
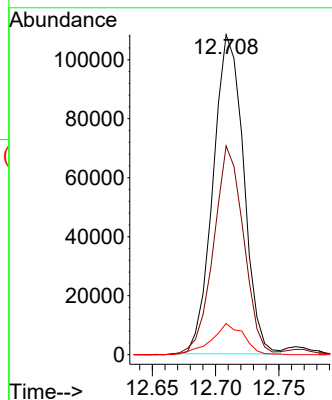
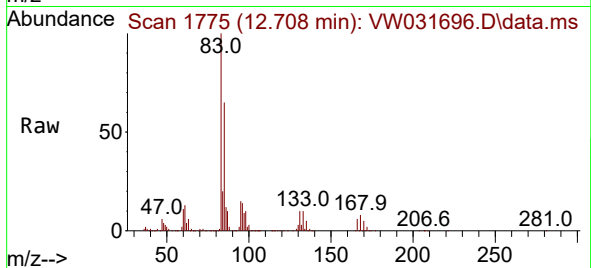
Tgt Ion: 83 Resp: 181116

Ion Ratio Lower Upper

83 100

85 65.3 44.2 82.2

131 9.7 7.4 11.2



#59

Bromoform

Concen: 49.33 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

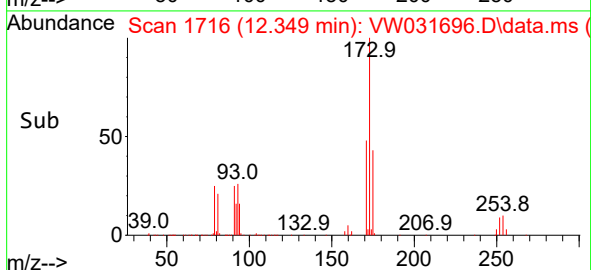
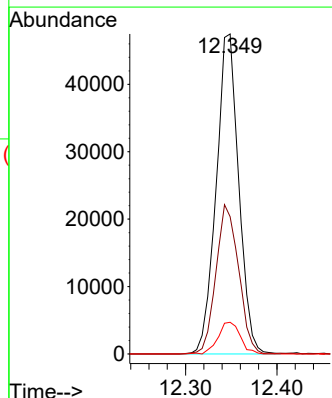
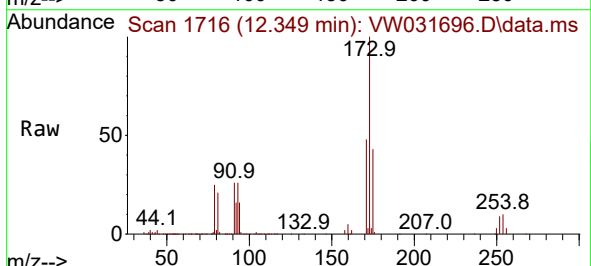
Tgt Ion: 173 Resp: 81470

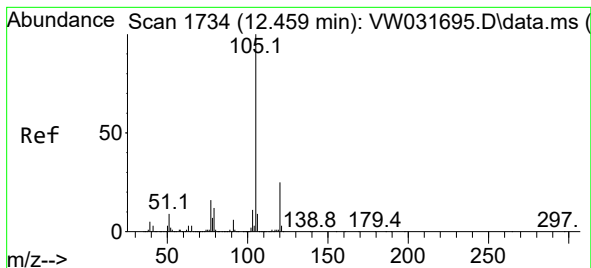
Ion Ratio Lower Upper

173 100

175 46.7 38.1 57.1

254 9.7 5.5 8.3#

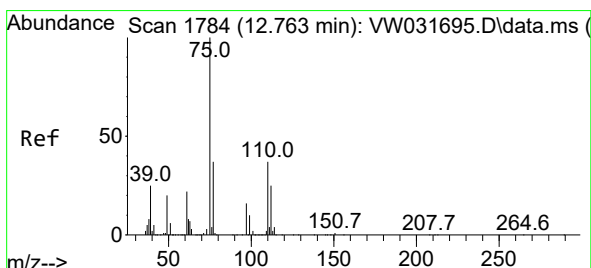
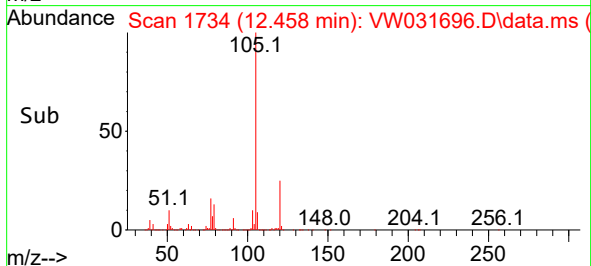
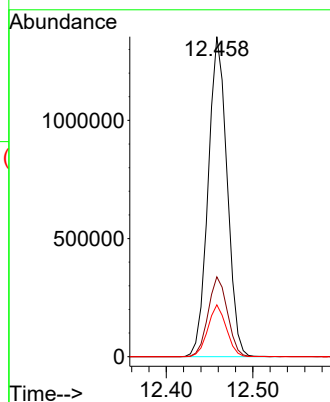
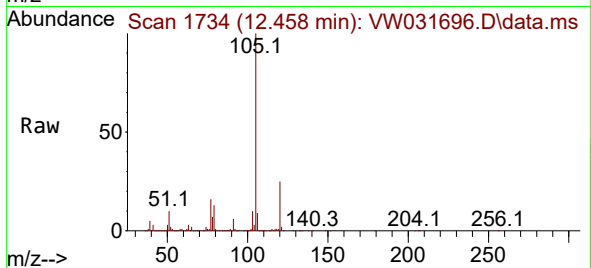




#60
Isopropylbenzene
Concen: 53.68 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

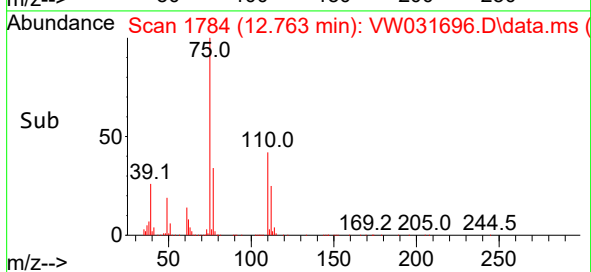
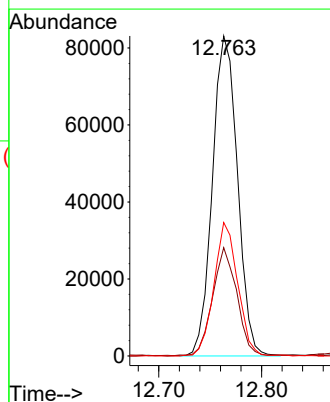
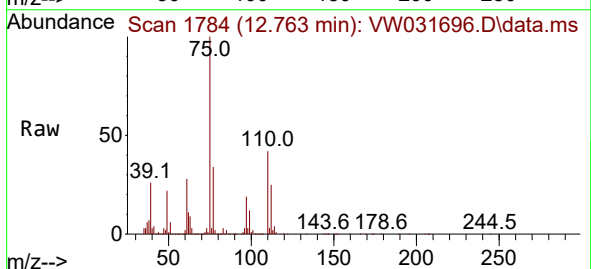
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

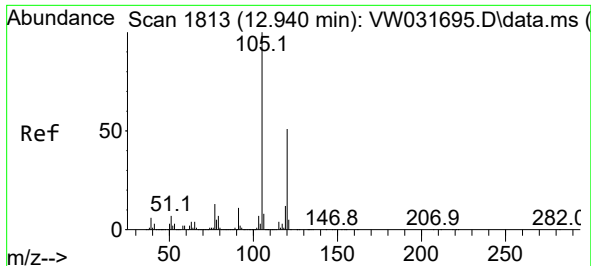
Tgt Ion:105 Resp: 2055953
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.8 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 45.94 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 75 Resp: 140814
Ion Ratio Lower Upper
75 100
77 32.0 28.4 42.6
110 39.4 30.9 46.3

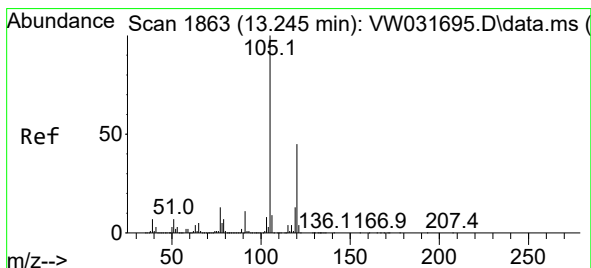
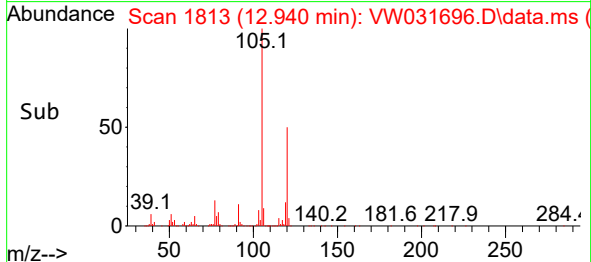
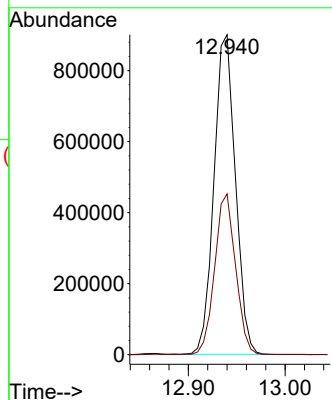
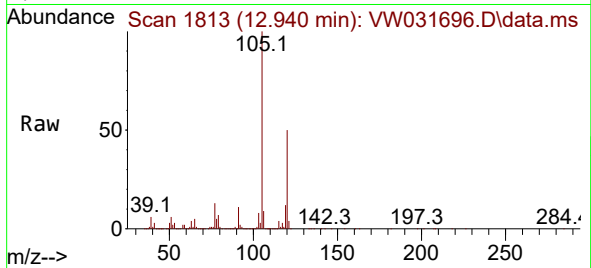




#62
1,3,5-Trimethylbenzene
Concen: 52.83 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

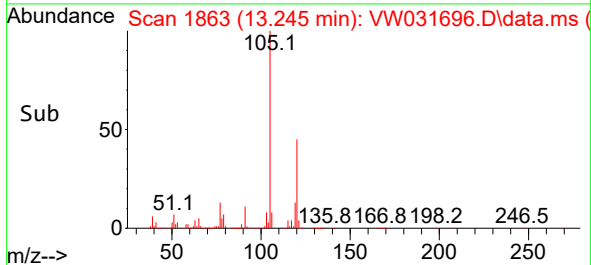
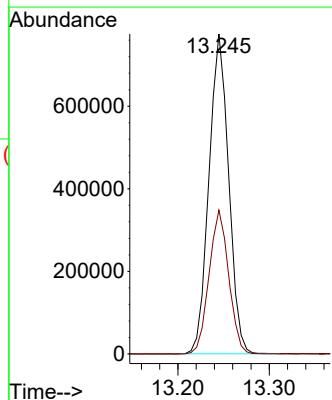
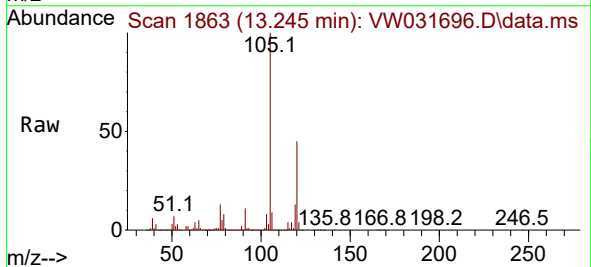
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

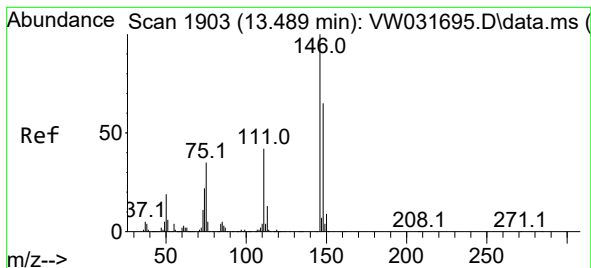
Tgt Ion:105 Resp: 1384850
Ion Ratio Lower Upper
105 100
120 49.1 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 51.94 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion:105 Resp: 1158201
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 47.91 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD050467

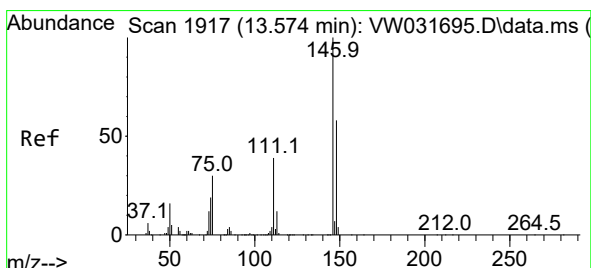
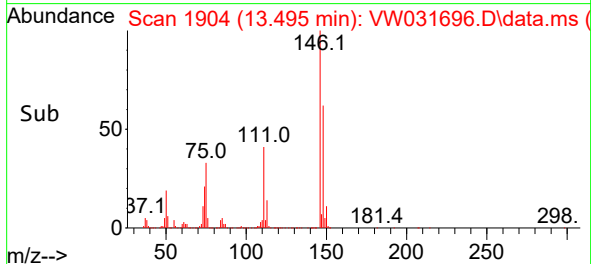
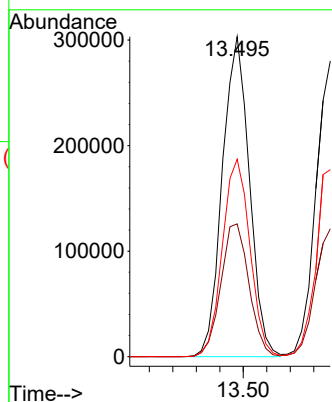
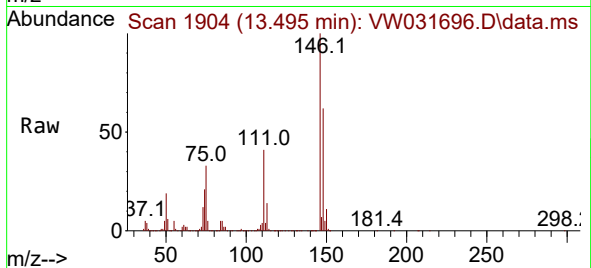
Tgt Ion:146 Resp: 484165

Ion Ratio Lower Upper

146 100

111 41.5 29.5 54.9

148 61.7 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 48.59 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

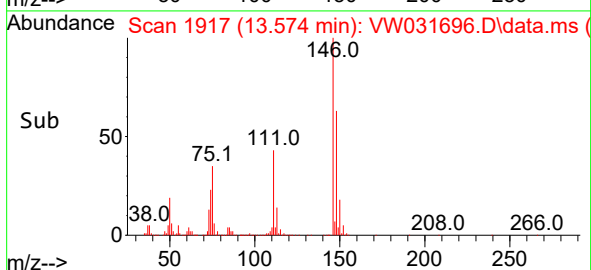
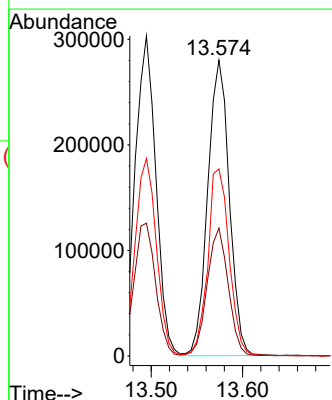
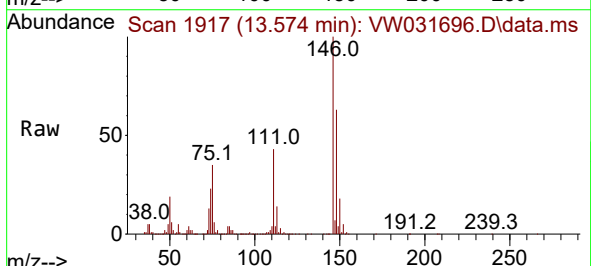
Tgt Ion:146 Resp: 457871

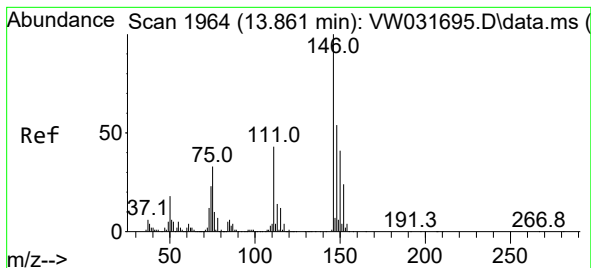
Ion Ratio Lower Upper

146 100

111 43.3 27.6 51.2

148 63.3 40.6 75.4

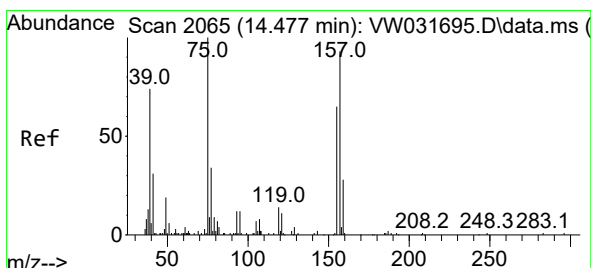
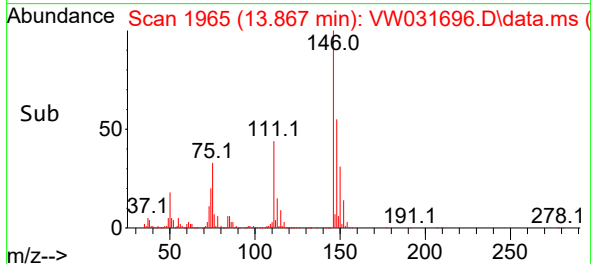
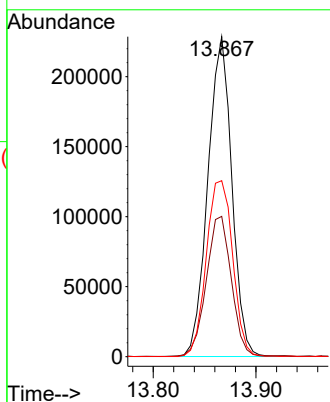
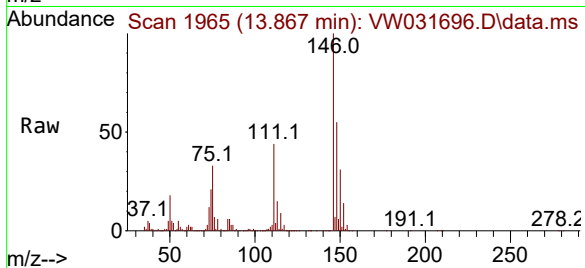




#67
1,2-Dichlorobenzene
Concen: 48.12 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

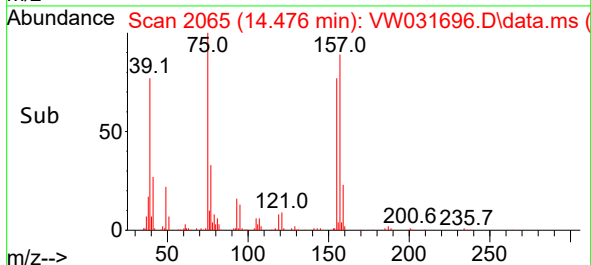
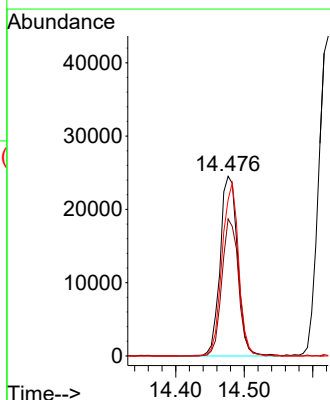
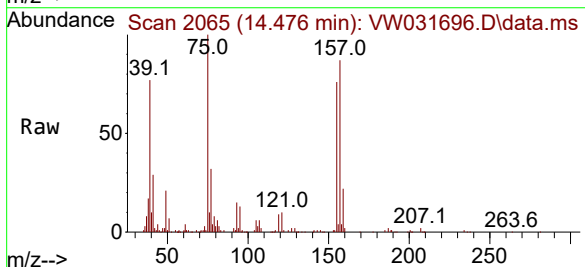
Instrument :
MSVOA_W
ClientSampleId :
VSTD050467

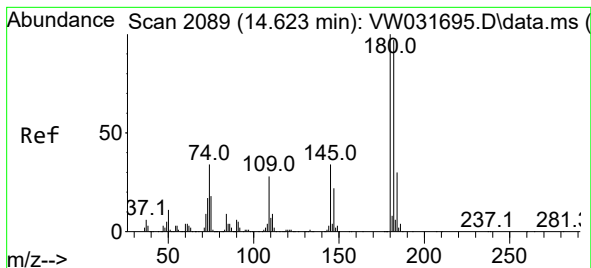
Tgt Ion:146 Resp: 369732
Ion Ratio Lower Upper
146 100
111 43.9 34.2 51.4
148 55.0 43.5 65.3



#68
1,2-Dibromo-3-chloropropane
Concen: 43.93 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031696.D
Acq: 08 May 2025 11:58

Tgt Ion: 75 Resp: 43455
Ion Ratio Lower Upper
75 100
155 76.3 51.6 77.4
157 87.0 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 48.59 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD050467

Tgt Ion:180 Resp: 338367

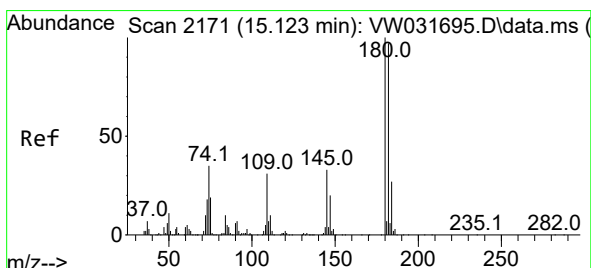
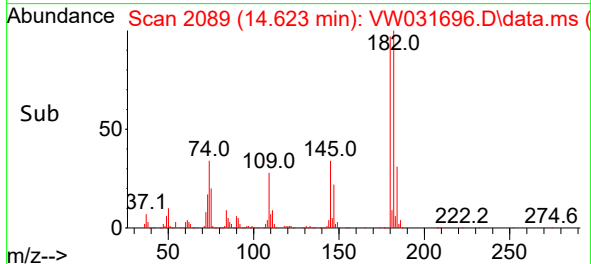
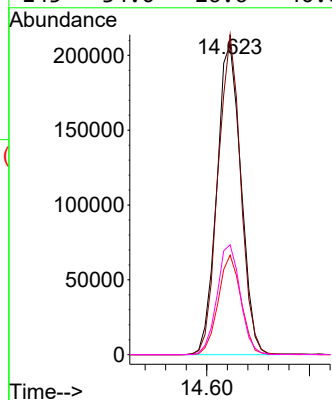
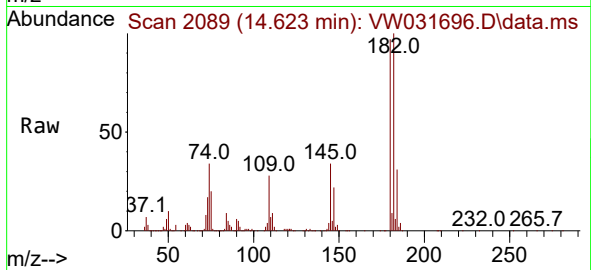
Ion Ratio Lower Upper

180 100

182 96.7 75.5 113.3

184 30.3 23.7 35.5

145 34.0 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 50.04 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

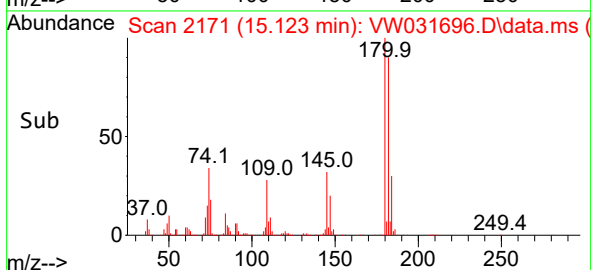
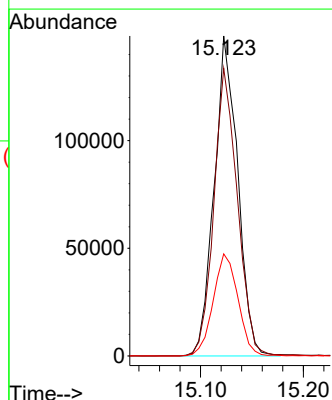
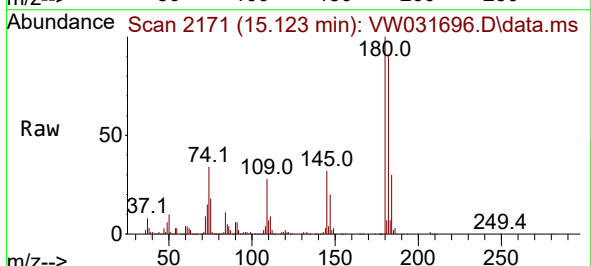
Tgt Ion:180 Resp: 236182

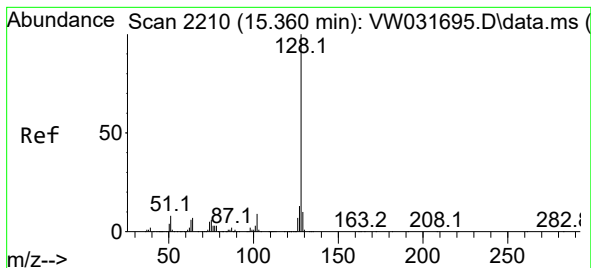
Ion Ratio Lower Upper

180 100

182 90.1 75.7 113.5

145 33.7 26.7 40.1





#71

Naphthalene

Concen: 50.63 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD050467

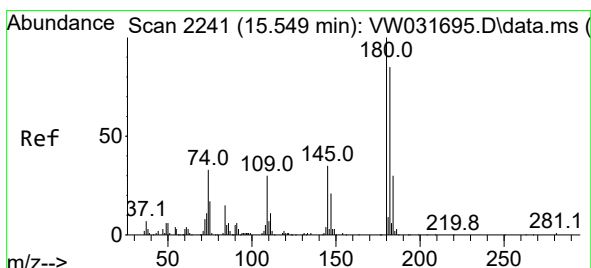
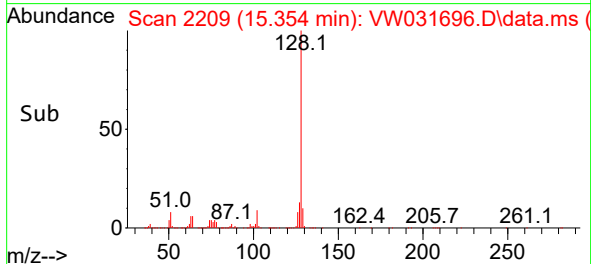
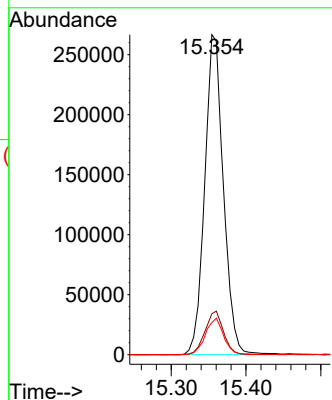
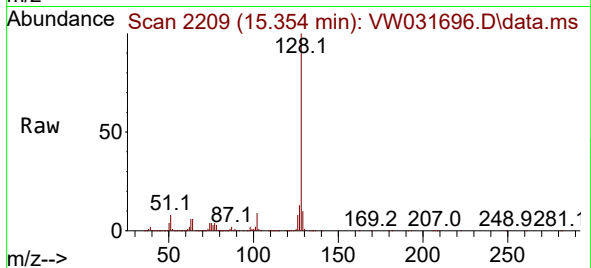
Tgt Ion:128 Resp: 463425

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 47.77 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031696.D

Acq: 08 May 2025 11:58

Tgt Ion:180 Resp: 183131

Ion Ratio Lower Upper

180 100

182 97.8 77.3 115.9

145 36.3 28.6 43.0

