

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050925\
 Data File : VW031701.D
 Acq On : 09 May 2025 11:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025497

Quant Time: May 19 12:39:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 19 12:38:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	553347	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	424646	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179836	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	318597	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.88%
7) Chloroethane-d5	2.893	69	190728	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
11) 1,1-Dichloroethene-d2	4.021	65	133357	23.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.48%
21) 2-Butanone-d5	7.087	46	141040	51.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.58%
24) Chloroform-d	7.648	84	339220	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	8.301	65	134143	27.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	8.270	84	742928	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
36) 1,2-Dichloropropane-d6	9.270	67	176873	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	10.319	98	667054	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.32%
43) trans-1,3-Dichloroprop...	10.575	79	60687	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.00%
47) 2-Hexanone-d5	10.922	63	80315	51.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.54%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	134950	26.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.28%
66) 1,2-Dichlorobenzene-d4	13.848	152	145010	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	223736	20.38	ug/L #	89
3) Chloromethane	2.216	50	175661	20.11	ug/L	99
5) Vinyl chloride	2.369	62	297991	22.69	ug/L	99
6) Bromomethane	2.783	94	127874	24.03	ug/L	98
8) Chloroethane	2.924	64	144750	23.11	ug/L	94
9) Trichlorofluoromethane	3.253	101	219357	21.36	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	294124	21.55	ug/L	97
12) 1,1-Dichloroethene	4.039	96	243042	22.42	ug/L	90
13) Acetone	4.155	43	94101	48.00	ug/L	99
14) Carbon disulfide	4.387	76	752842	22.65	ug/L	100
15) Methyl Acetate	4.679	43	96619	27.31	ug/L #	65
16) Methylene chloride	4.923	84	142443	25.35	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	220326	23.86	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	195631	29.90	ug/L #	87
19) 1,1-Dichloroethane	6.210	63	354808	24.75	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	181616	25.62	ug/L	92
22) 2-Butanone	7.185	43	144399	50.74	ug/L	98
23) Bromochloromethane	7.514	128	64565	28.10	ug/L	95
25) Chloroform	7.673	83	317906	25.81	ug/L	100

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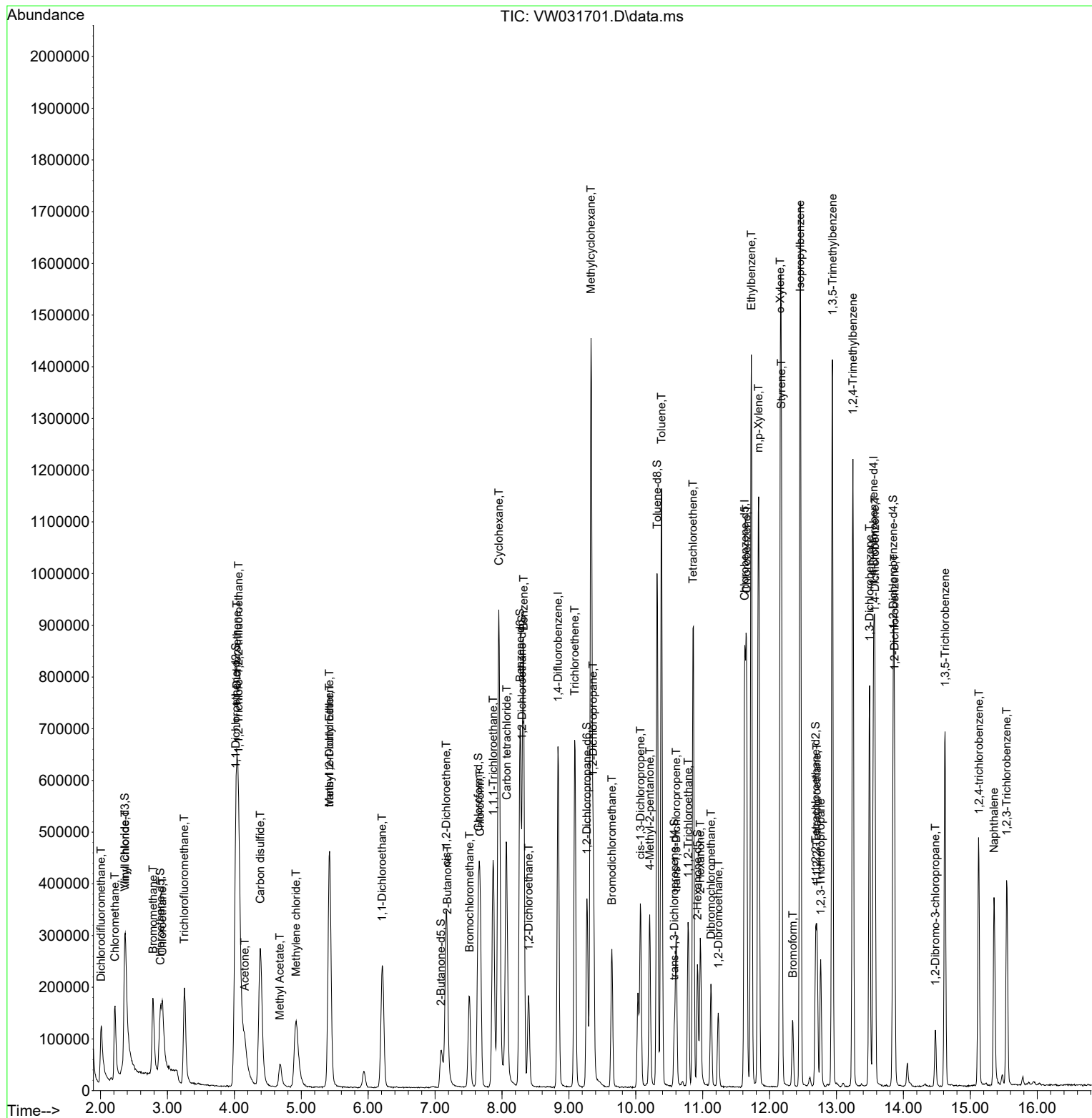
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	161184	28.24	ug/L	100
29) Cyclohexane	7.953	56	536148	19.51	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	364713	20.45	ug/L	99
31) Carbon tetrachloride	8.069	117	363765	20.38	ug/L	99
33) Benzene	8.325	78	805331	23.20	ug/L	100
34) Trichloroethene	9.087	95	242484	21.27	ug/L	96
35) Methylcyclohexane	9.331	83	593935	19.75	ug/L	99
37) 1,2-Dichloropropane	9.361	63	162126	24.06	ug/L	98
38) Bromodichloromethane	9.642	83	184613	24.91	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	213405	25.59	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	220618	53.46	ug/L	98
42) Toluene	10.386	91	856939	23.24	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	160455	25.66	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	101270	26.34	ug/L	95
46) Tetrachloroethene	10.855	164	198220	20.77	ug/L	93
48) 2-Hexanone	10.965	43	182089	55.57	ug/L	99
49) Dibromochloromethane	11.123	129	101977	26.27	ug/L	88
50) 1,2-Dibromoethane	11.233	107	99725	27.60	ug/L	98
51) Chlorobenzene	11.654	112	445870	24.27	ug/L	98
52) Ethylbenzene	11.727	91	992189	22.38	ug/L	99
53) m,p-Xylene	11.837	106	368788	23.11	ug/L	94
54) o-Xylene	12.160	106	297413	23.68	ug/L	91
55) Styrene	12.178	104	465484	25.72	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	138470	27.78	ug/L	98
59) Bromoform	12.349	173	56682	26.54	ug/L #	97
60) Isopropylbenzene	12.458	105	1084786	21.90	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	106913	26.97	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	775206	22.87	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	677809	23.51	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	303117	23.19	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	308174	25.29	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	243952	24.55	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	30207	23.61	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	213056	23.66	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	141927	23.25	ug/L	95
71) Naphthalene	15.354	128	320966	27.12	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	130563	26.33	ug/L	94

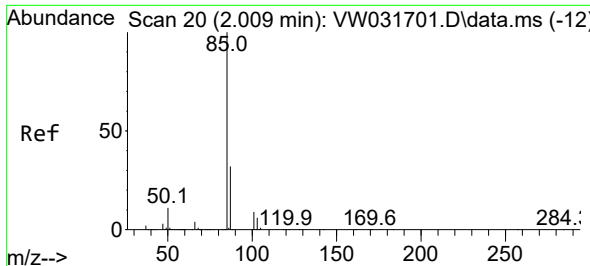
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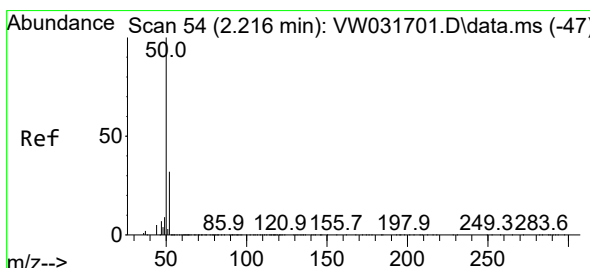
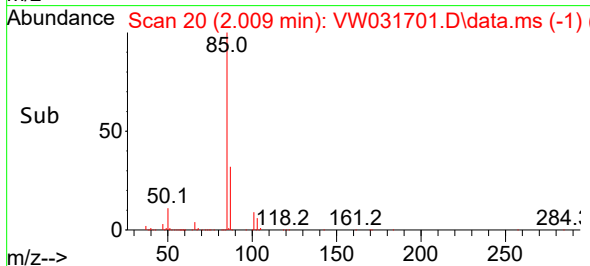
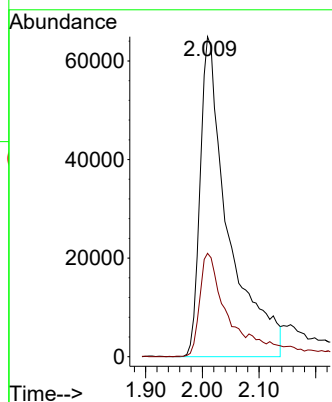
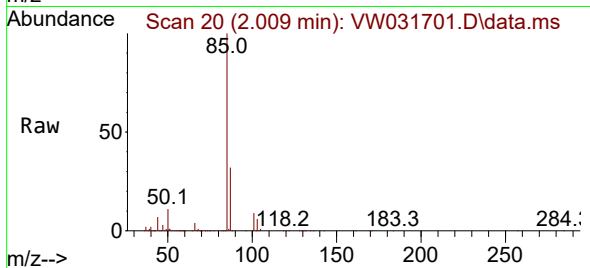




#2
 Dichlorodifluoromethane
 Concen: 20.38 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031701.D
 Acq: 09 May 2025 11:17

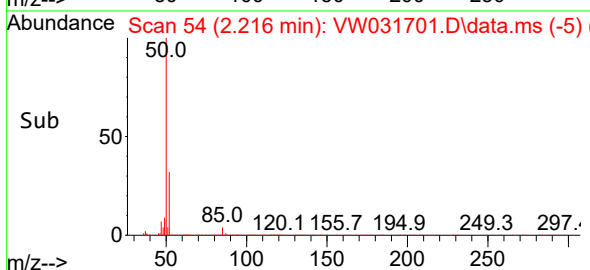
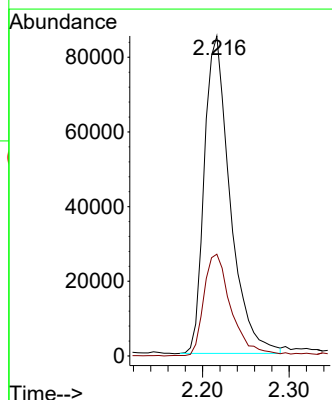
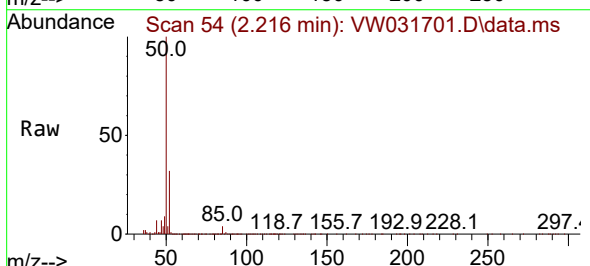
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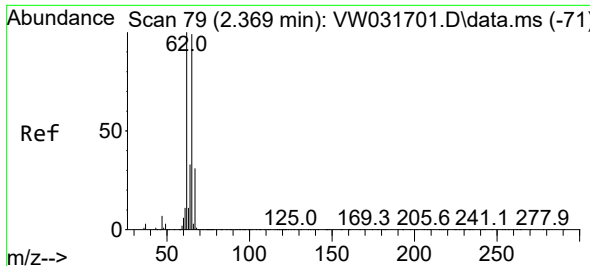
Tgt Ion: 85 Resp: 223736
 Ion Ratio Lower Upper
 85 100
 87 25.3 0.1 0.1#



#3
 Chloromethane
 Concen: 20.11 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031701.D
 Acq: 09 May 2025 11:17

Tgt Ion: 50 Resp: 175661
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.0 41.0

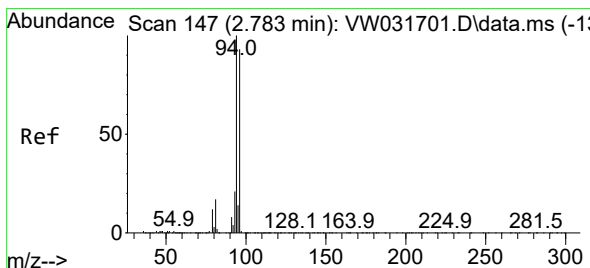
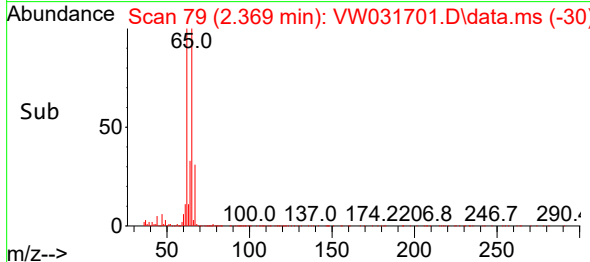
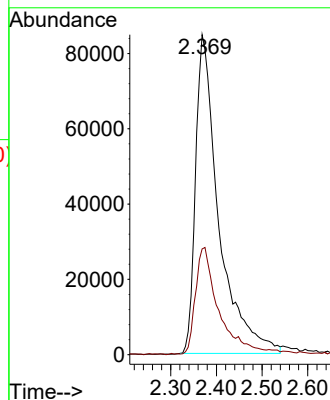
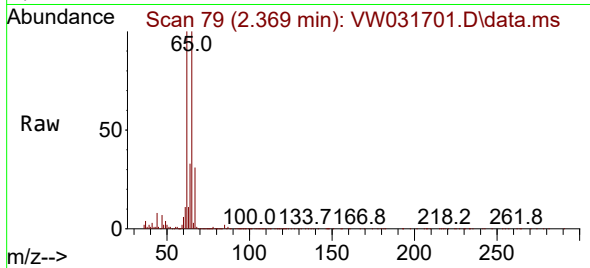




#5
 Vinyl chloride
 Concen: 22.69 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031701.D
 Acq: 09 May 2025 11:17

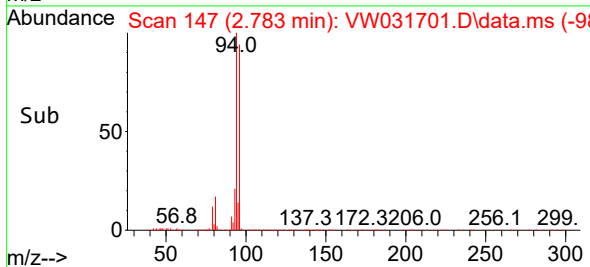
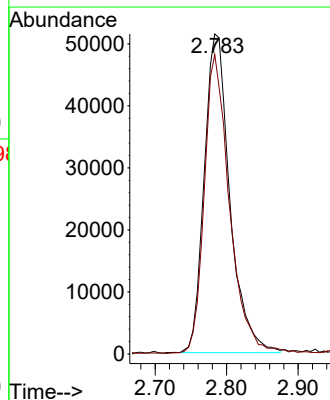
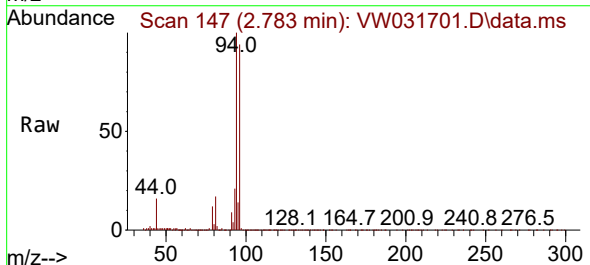
Instrument :
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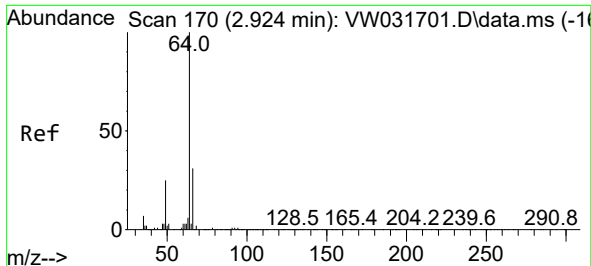
Tgt Ion: 62 Resp: 297991
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.7 43.9



#6
 Bromomethane
 Concen: 24.03 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031701.D
 Acq: 09 May 2025 11:17

Tgt Ion: 94 Resp: 127874
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.3 119.3

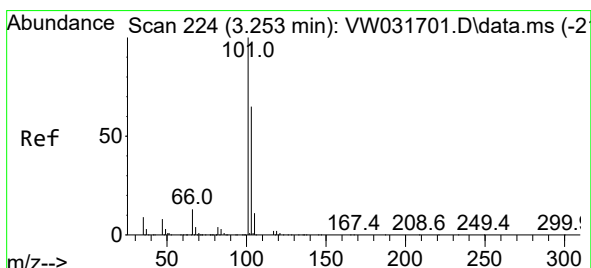
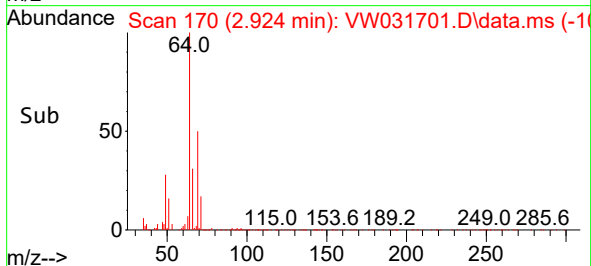
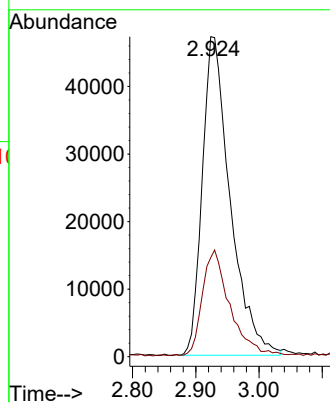
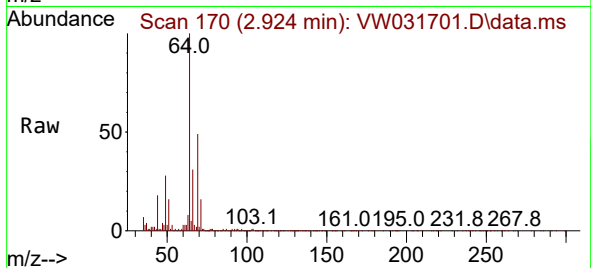




#8
Chloroethane
Concen: 23.11 ug/L
RT: 2.924 min Scan# 170
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

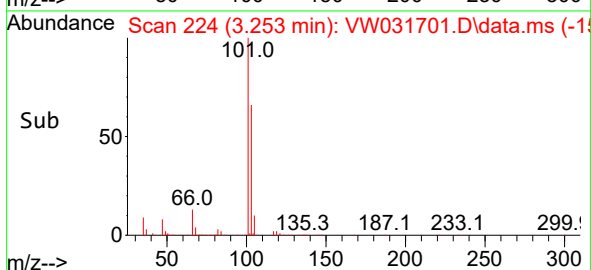
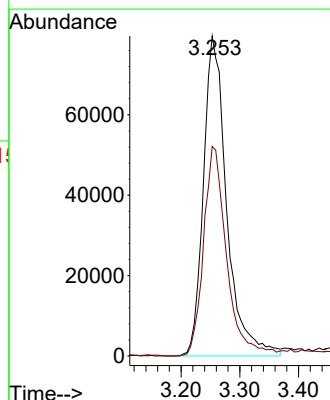
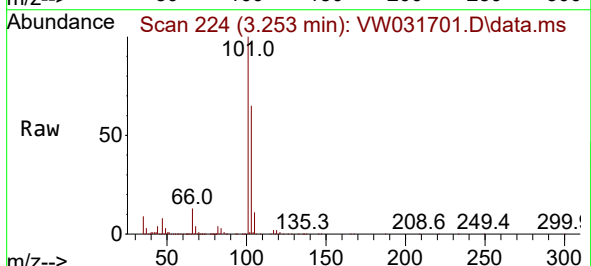
Instrument :
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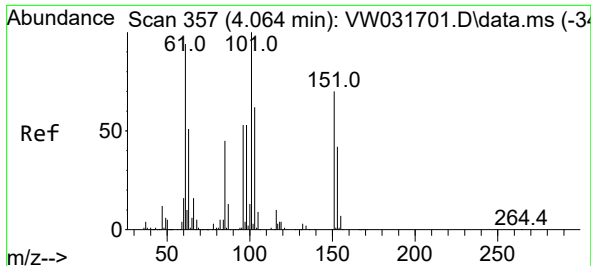
Tgt Ion: 64 Resp: 144750
Ion Ratio Lower Upper
64 100
66 31.0 23.9 44.5



#9
Trichlorofluoromethane
Concen: 21.36 ug/L
RT: 3.253 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 101 Resp: 219357
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.8

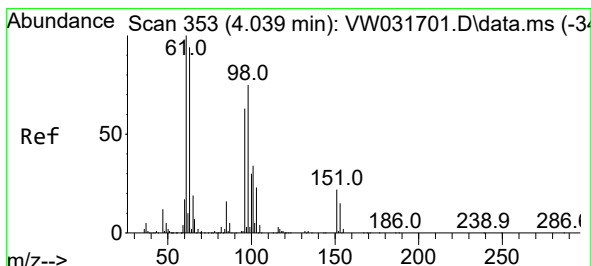
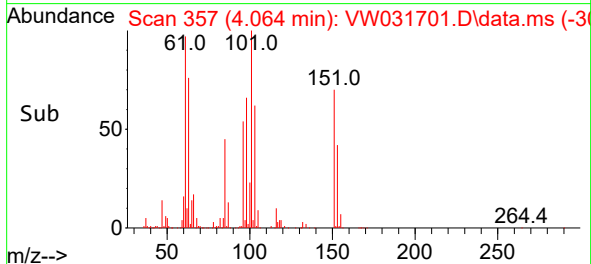
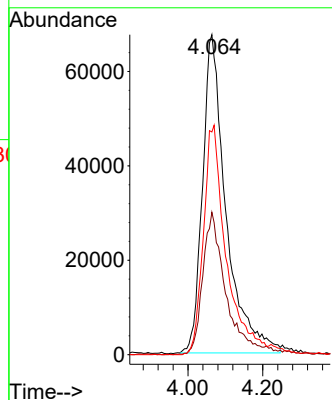
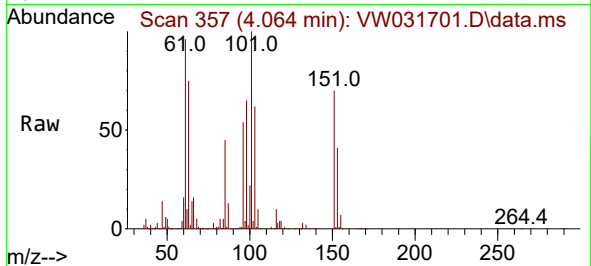




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.55 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. 0.000 min
 Lab File: VW031701.D
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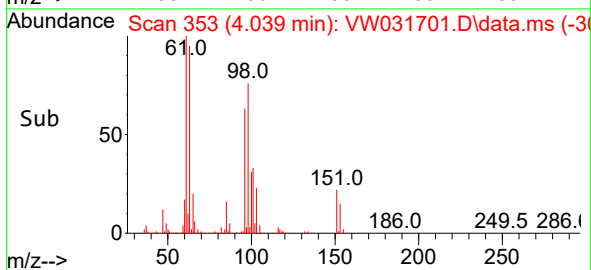
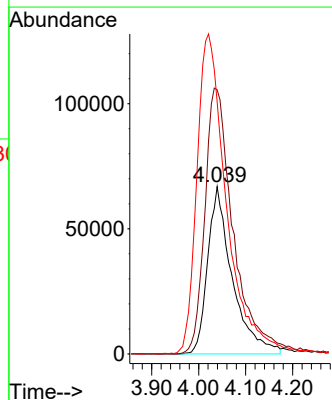
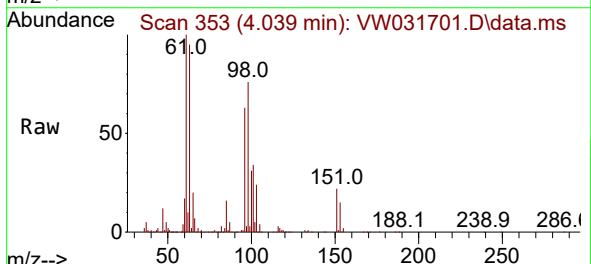
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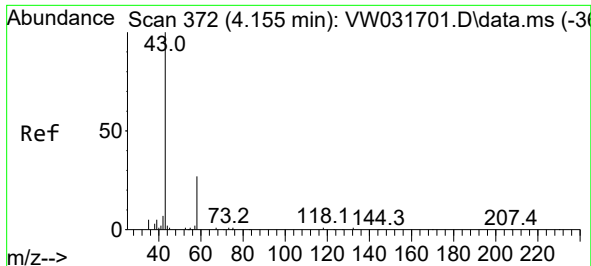
Tgt Ion:101 Resp: 294124
 Ion Ratio Lower Upper
 101 100
 85 43.5 31.8 47.6
 151 66.8 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 22.42 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW031701.D
 Acq: 09 May 2025 11:17

Tgt Ion: 96 Resp: 243042
 Ion Ratio Lower Upper
 96 100
 61 157.8 124.5 231.1
 63 150.6 110.2 204.6

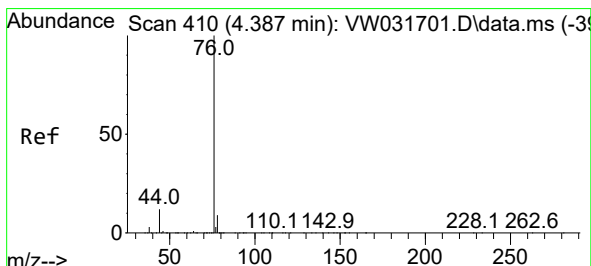
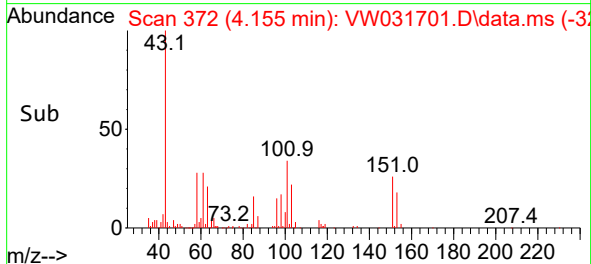
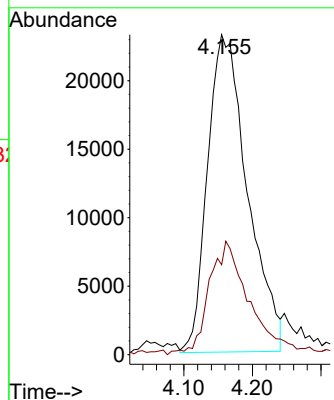
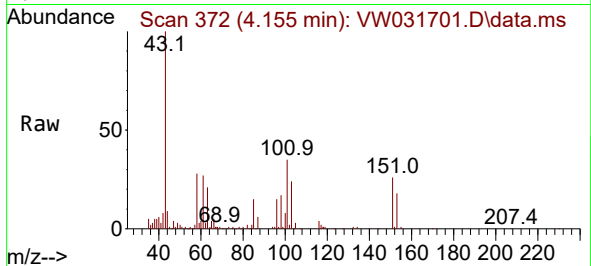




#13
Acetone
Concen: 48.00 ug/L
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031701.D
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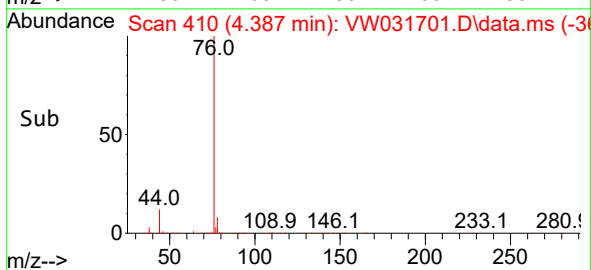
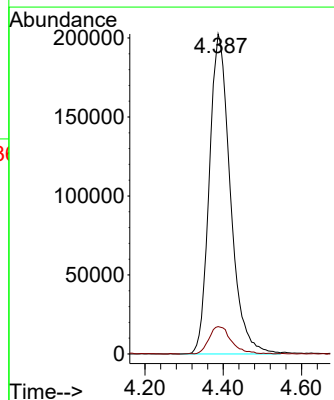
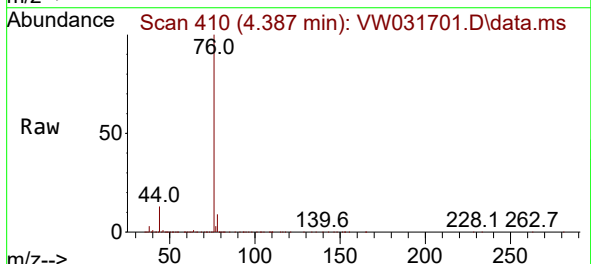
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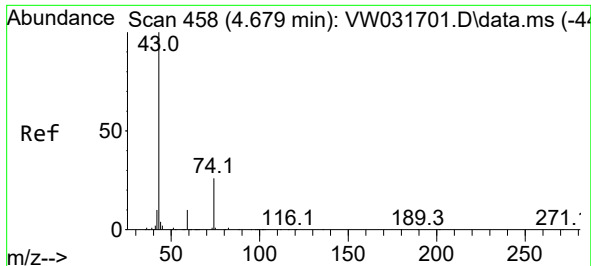
Tgt Ion: 43 Resp: 94101
Ion Ratio Lower Upper
43 100
58 33.9 0.0 66.2



#14
Carbon disulfide
Concen: 22.65 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 752842
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

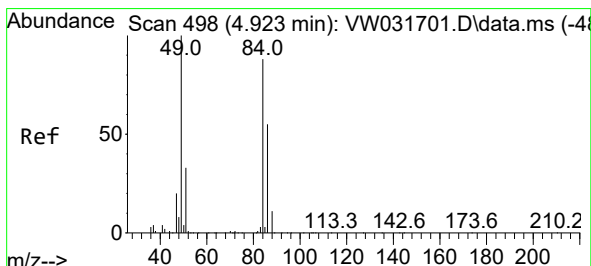
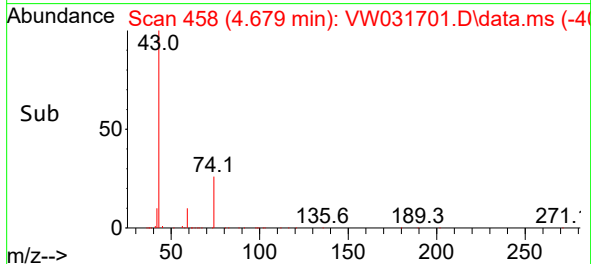
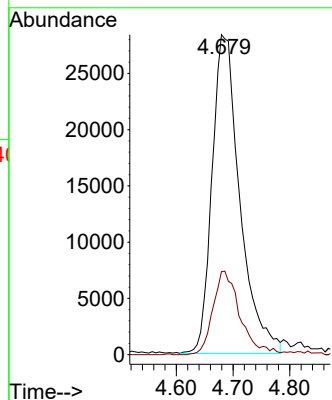
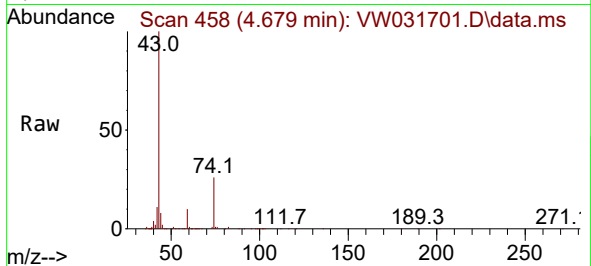




#15
Methyl Acetate
Concen: 27.31 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

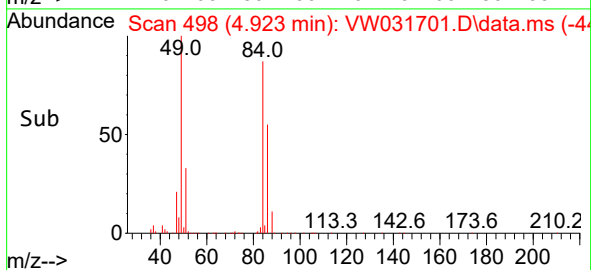
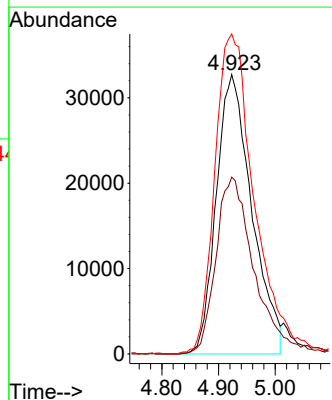
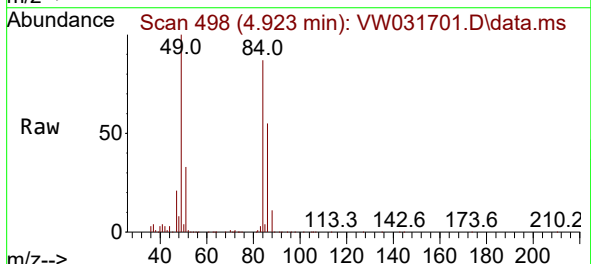
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

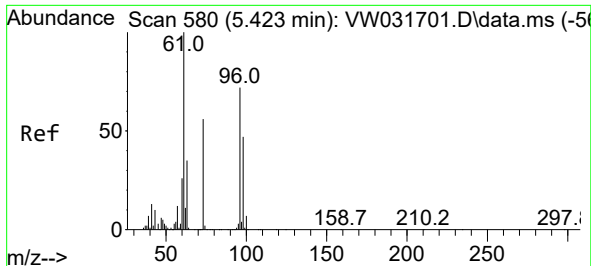
Tgt Ion: 43 Resp: 96619
Ion Ratio Lower Upper
43 100
74 24.3 8.7 13.1#



#16
Methylene chloride
Concen: 25.35 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 84 Resp: 142443
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 114.5 85.1 158.1

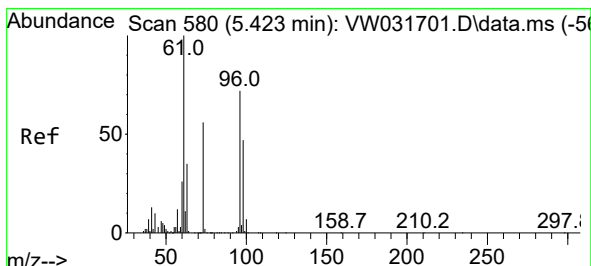
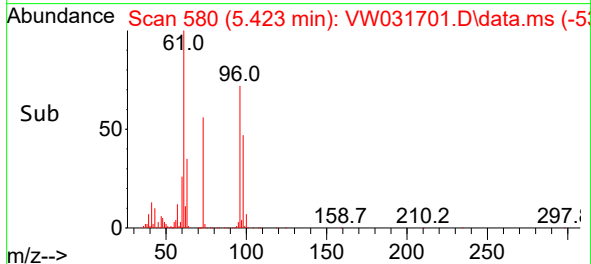
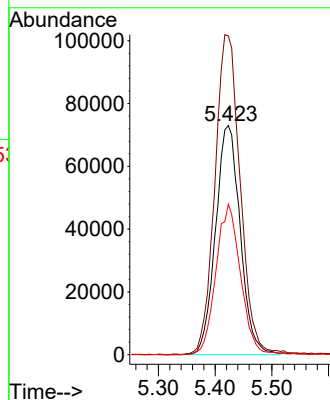
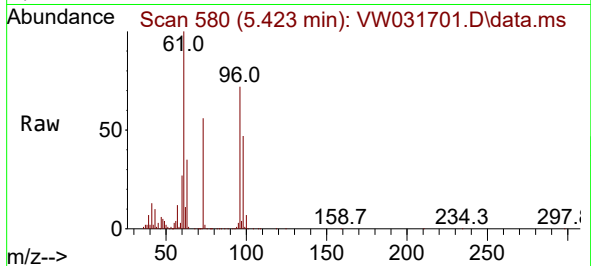




#17
trans-1,2-Dichloroethene
Concen: 23.86 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

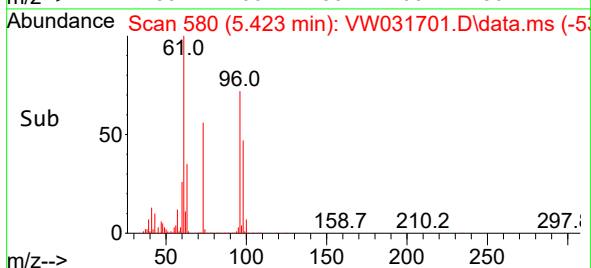
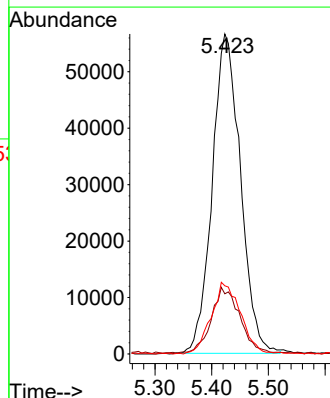
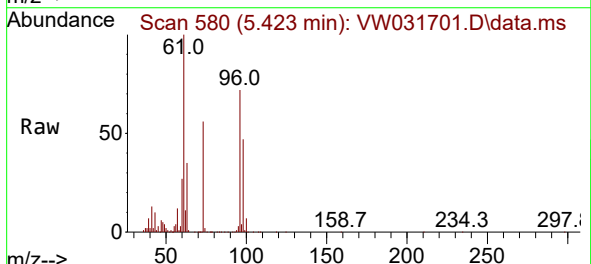
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

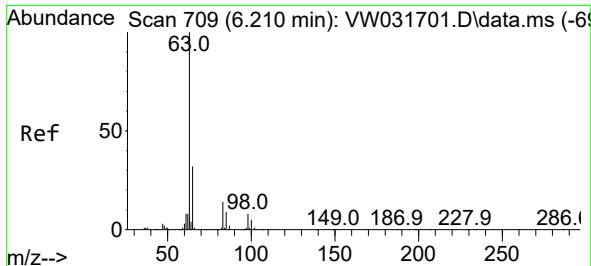
Tgt Ion: 96 Resp: 220326
Ion Ratio Lower Upper
96 100
61 139.1 100.9 187.3
98 65.7 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 29.90 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 73 Resp: 195631
Ion Ratio Lower Upper
73 100
43 20.1 15.4 23.2
57 23.1 8.5 12.7#





#19

1,1-Dichloroethane

Concen: 24.75 ug/L

RT: 6.210 min Scan# 709

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

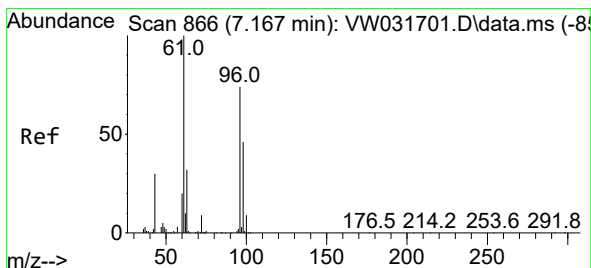
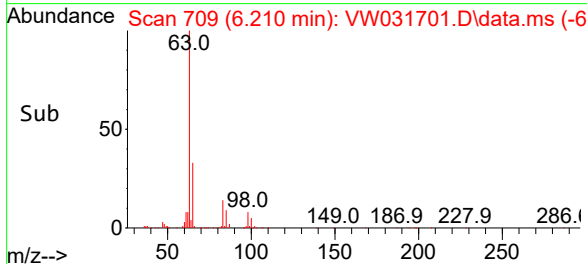
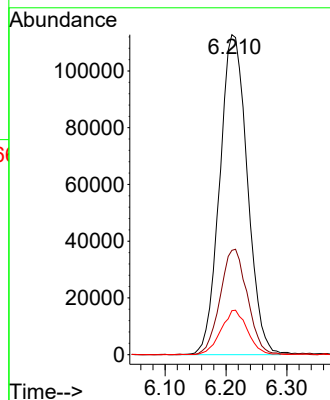
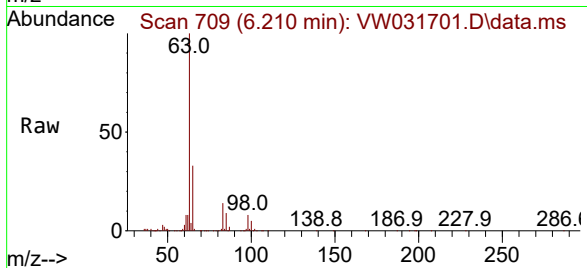
Tgt Ion: 63 Resp: 354808

Ion Ratio Lower Upper

63 100

65 32.6 21.6 40.0

83 13.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 25.62 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

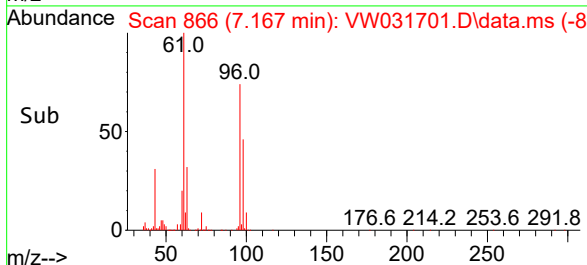
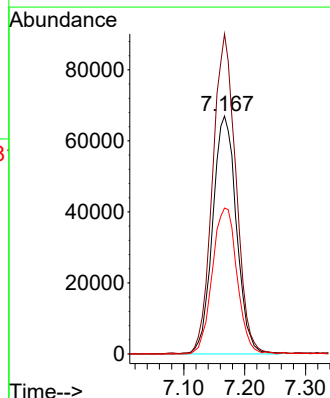
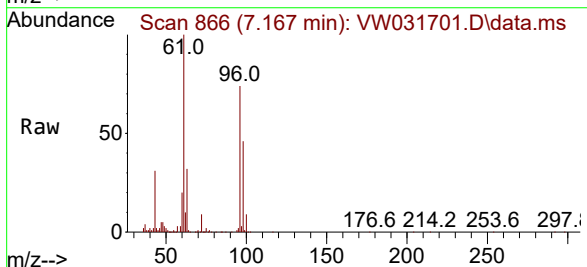
Tgt Ion: 96 Resp: 181616

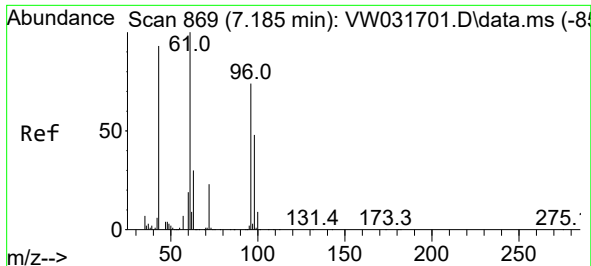
Ion Ratio Lower Upper

96 100

61 134.5 84.8 157.6

98 61.3 42.4 78.6

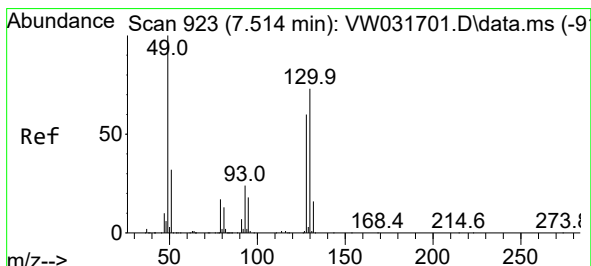
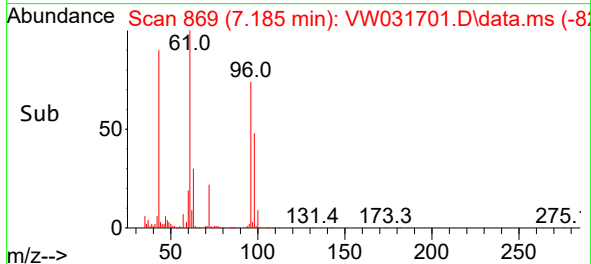
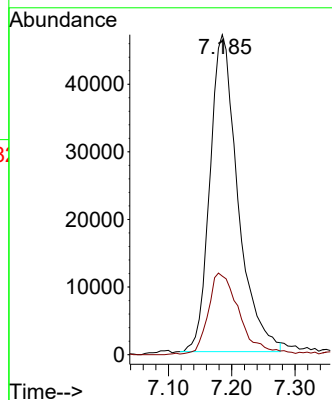
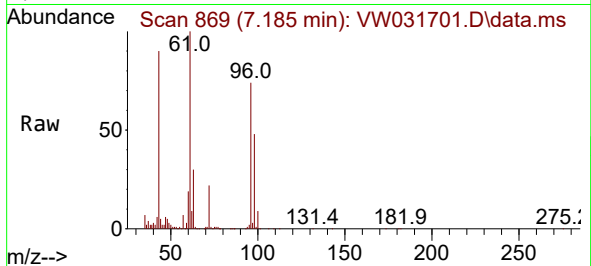




#22
2-Butanone
Concen: 50.74 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

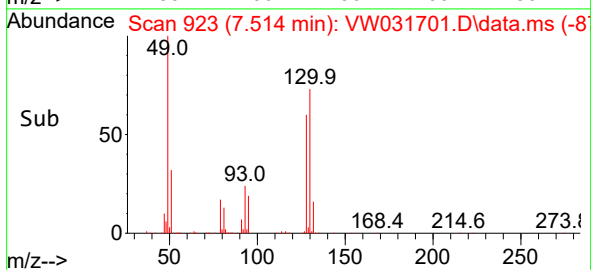
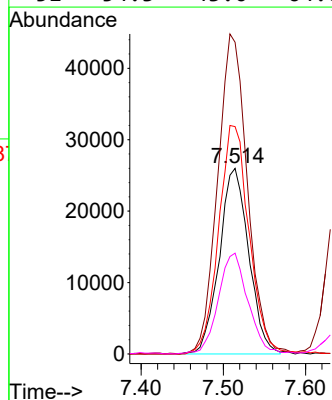
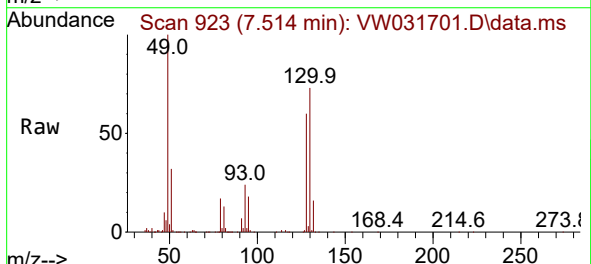
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

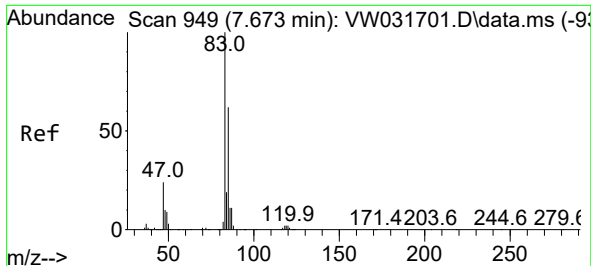
Tgt Ion: 43 Resp: 144399
Ion Ratio Lower Upper
43 100
72 28.4 13.7 41.1



#23
Bromochloromethane
Concen: 28.10 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 128 Resp: 64565
Ion Ratio Lower Upper
128 100
49 167.9 125.1 232.3
130 122.5 83.9 155.7
51 54.3 43.0 64.6





#25

Chloroform

Concen: 25.81 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

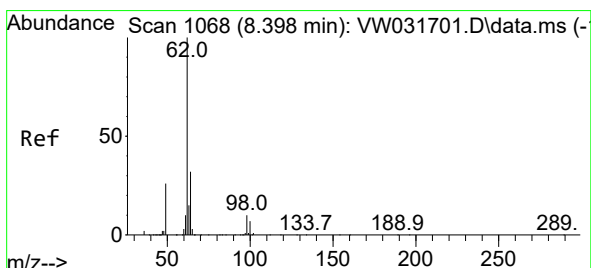
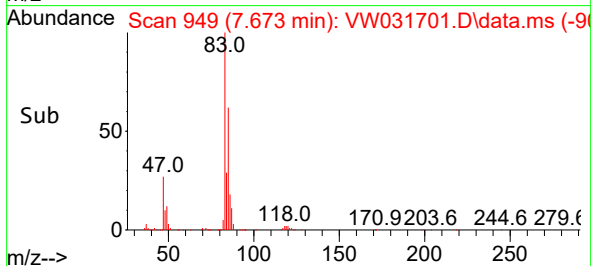
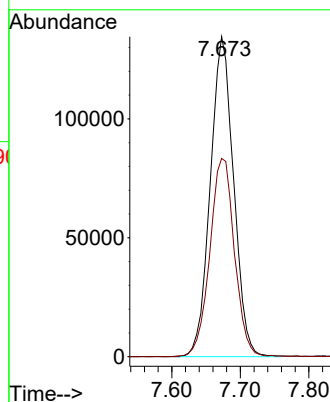
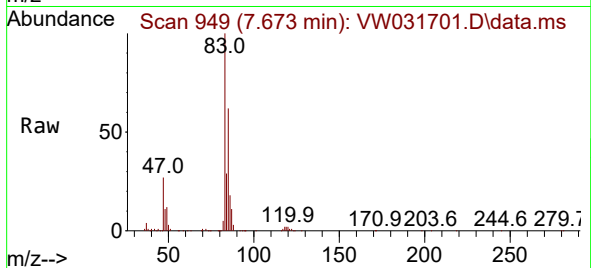
VSTD025497

Tgt Ion: 83 Resp: 317906

Ion Ratio Lower Upper

83 100

85 62.0 43.2 80.2



#27

1,2-Dichloroethane

Concen: 28.24 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031701.D

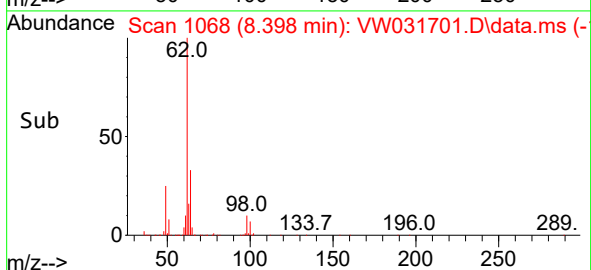
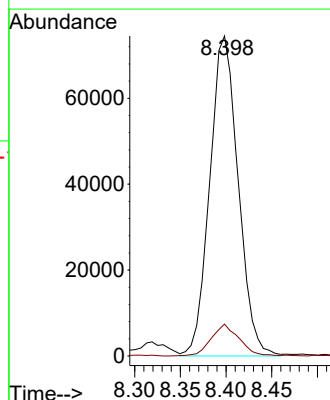
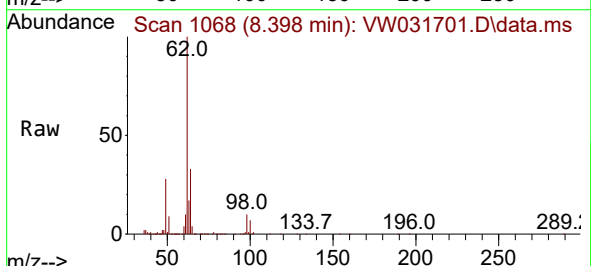
Acq: 09 May 2025 11:17

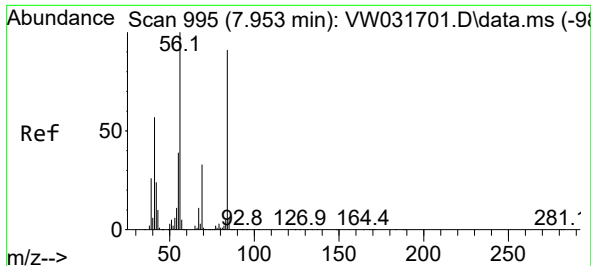
Tgt Ion: 62 Resp: 161184

Ion Ratio Lower Upper

62 100

98 9.9 8.0 12.0





#29

Cyclohexane

Concen: 19.51 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

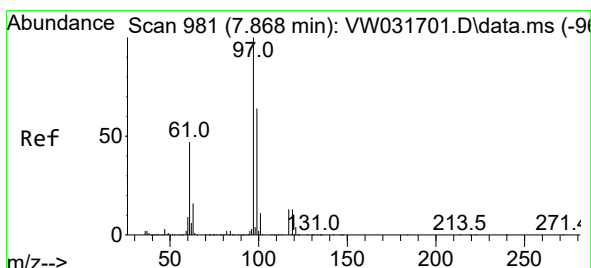
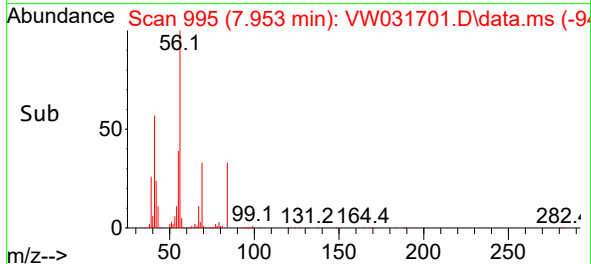
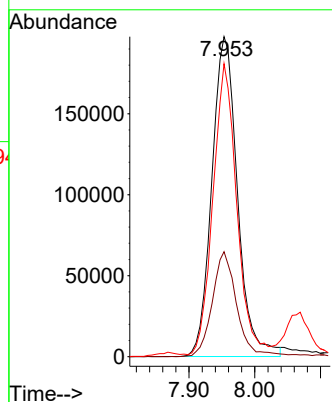
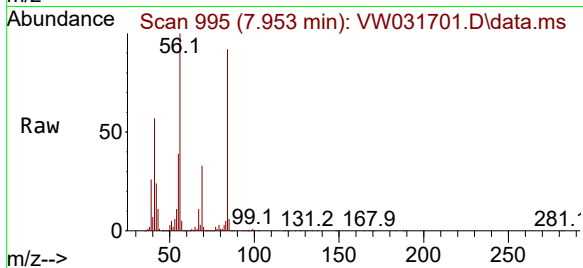
Tgt Ion: 56 Resp: 536148

Ion Ratio Lower Upper

56 100

69 30.0 24.9 37.3

84 84.9 68.2 102.4



#30

1,1,1-Trichloroethane

Concen: 20.45 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

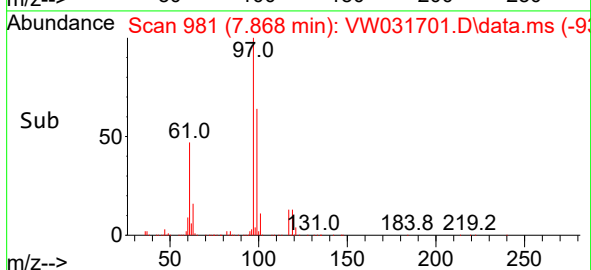
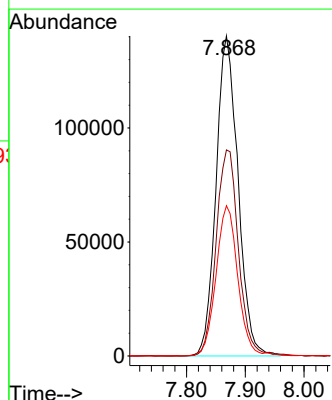
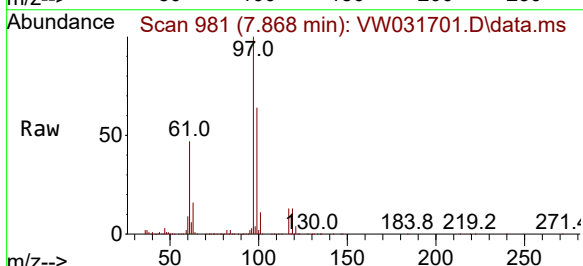
Tgt Ion: 97 Resp: 364713

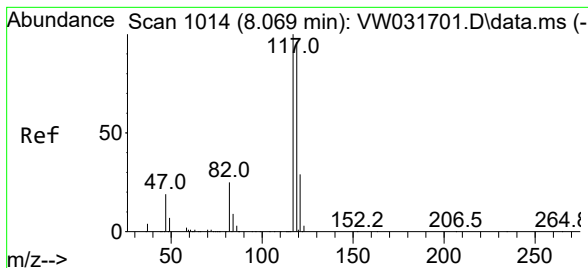
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 45.9 36.4 54.6

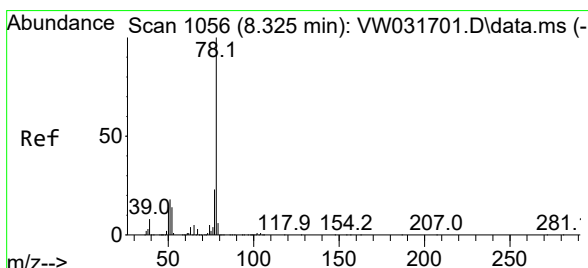
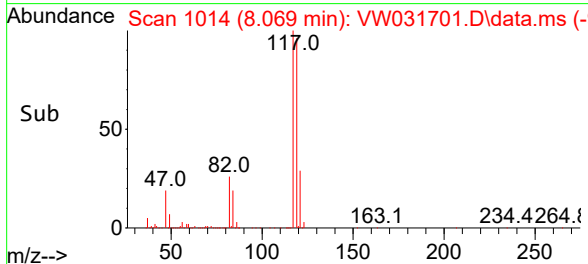
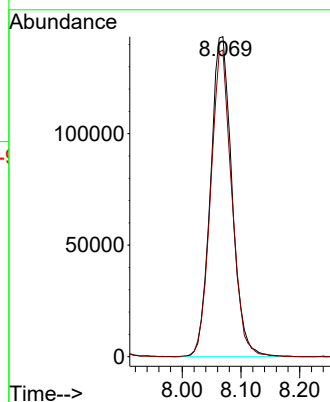
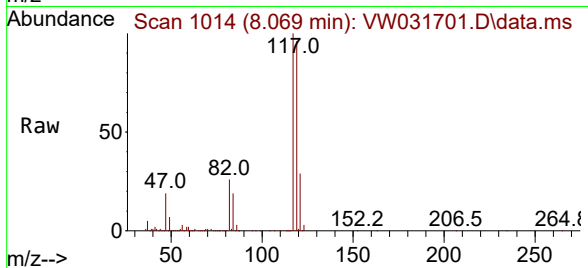




#31
Carbon tetrachloride
Concen: 20.38 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

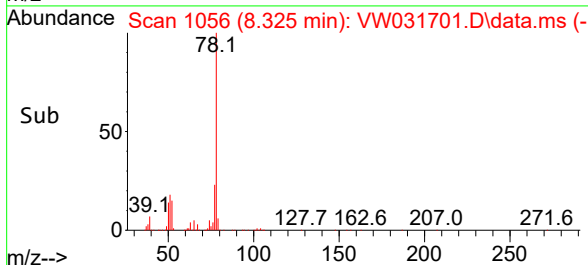
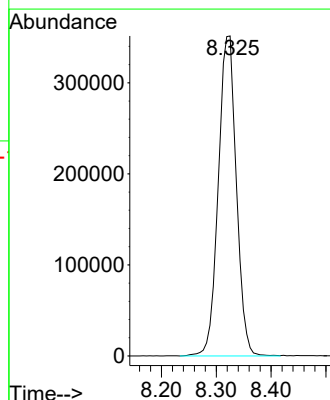
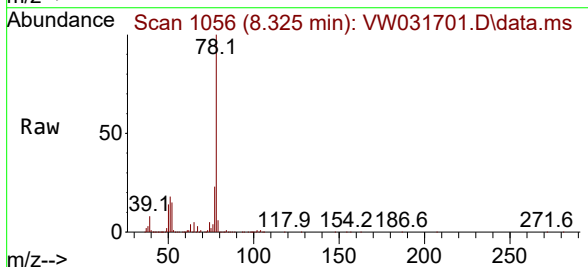
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

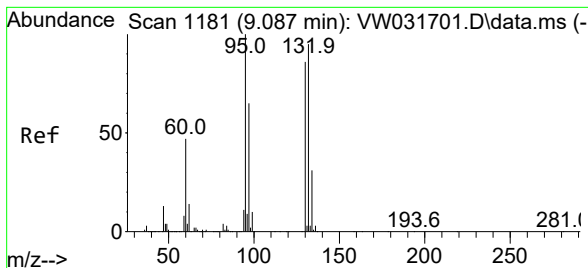
Tgt Ion:117 Resp: 363765
Ion Ratio Lower Upper
117 100
119 94.3 76.5 114.7



#33
Benzene
Concen: 23.20 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 78 Resp: 805331



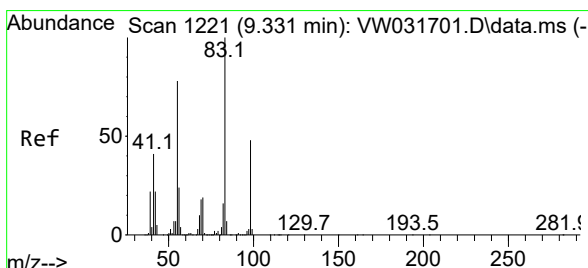
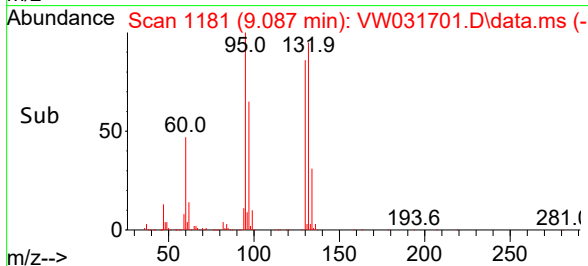
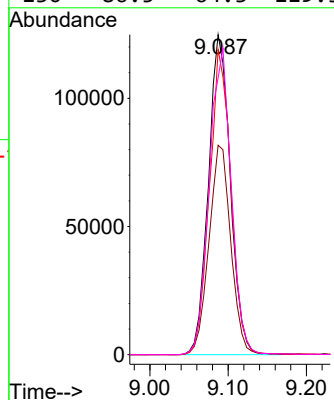
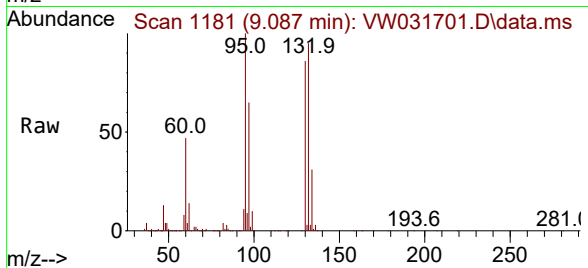


#34
Trichloroethene
Concen: 21.27 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

Tgt Ion: 95 Resp: 242484

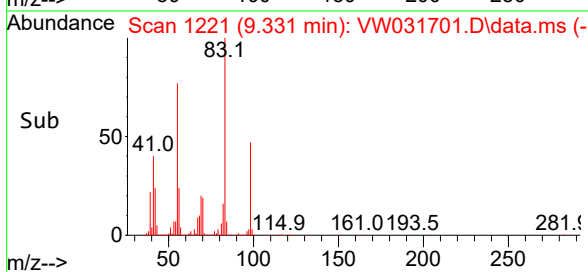
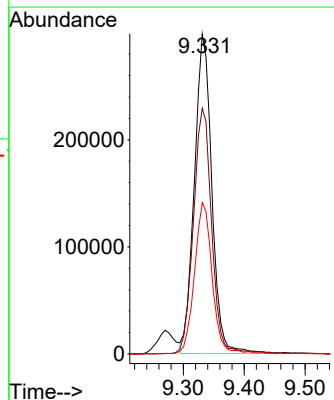
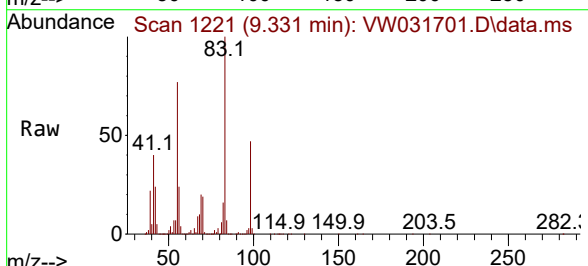
Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.0	85.4
132	95.4	63.8	118.4
130	86.5	64.3	119.3

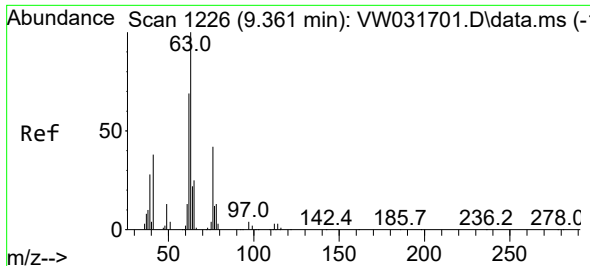


#35
Methylcyclohexane
Concen: 19.75 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 83 Resp: 593935

Ion	Ratio	Lower	Upper
83	100		
55	80.9	63.1	94.7
98	46.9	37.6	56.4

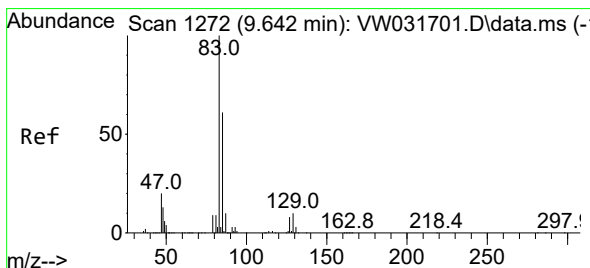
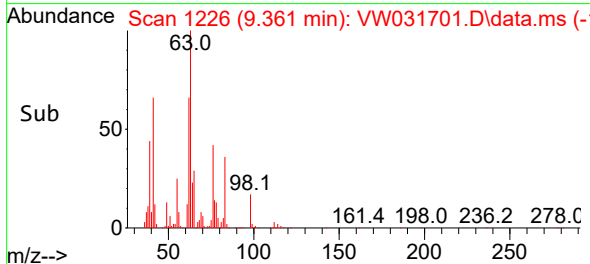
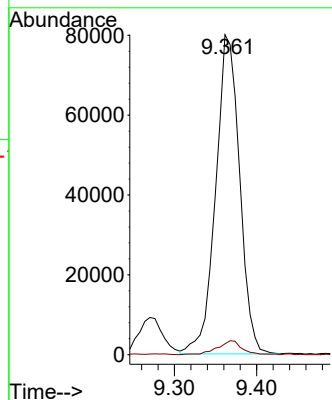
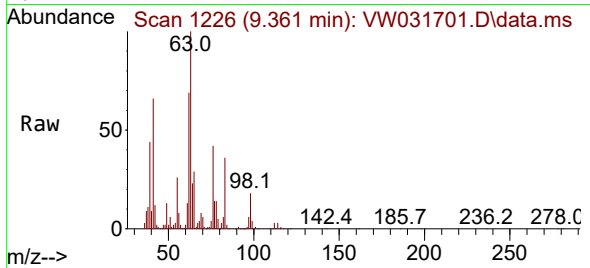




#37
1,2-Dichloropropane
Concen: 24.06 ug/L
RT: 9.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

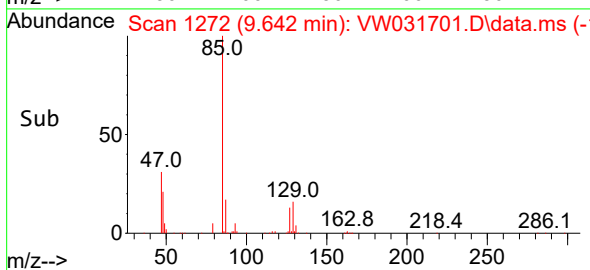
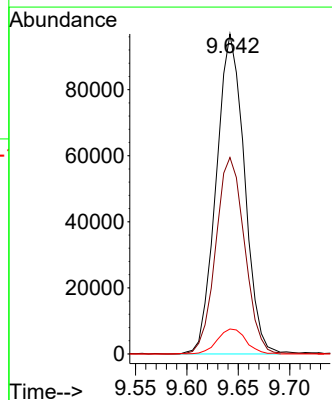
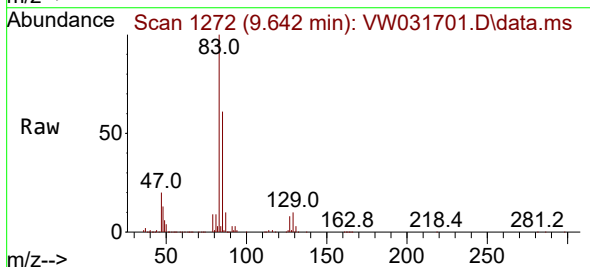
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

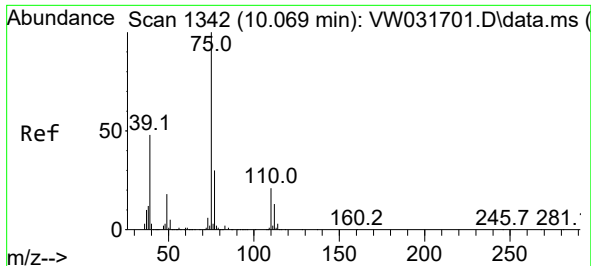
Tgt Ion: 63 Resp: 162126
Ion Ratio Lower Upper
63 100
112 4.4 4.0 6.0



#38
Bromodichloromethane
Concen: 24.91 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 83 Resp: 184613
Ion Ratio Lower Upper
83 100
85 61.4 44.0 81.8
127 7.8 5.8 8.6

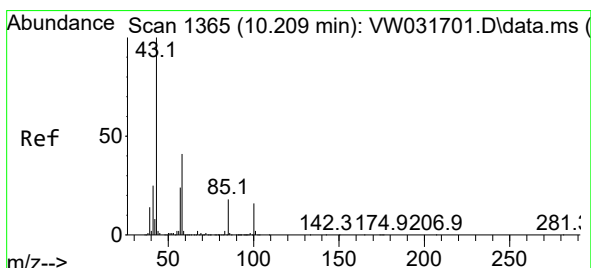
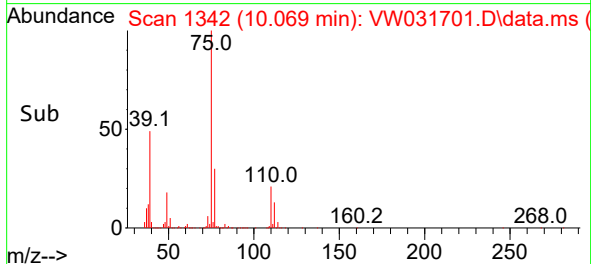
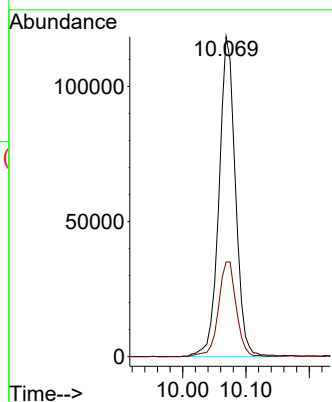
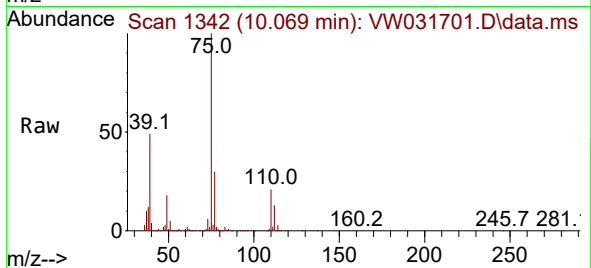




#39
cis-1,3-Dichloropropene
Concen: 25.59 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

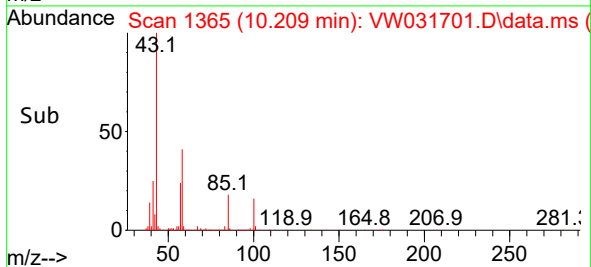
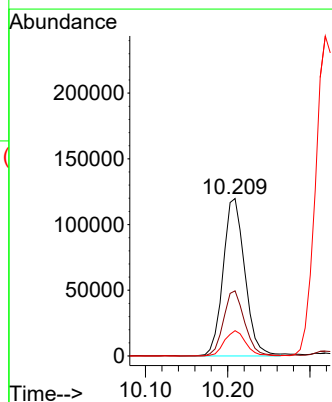
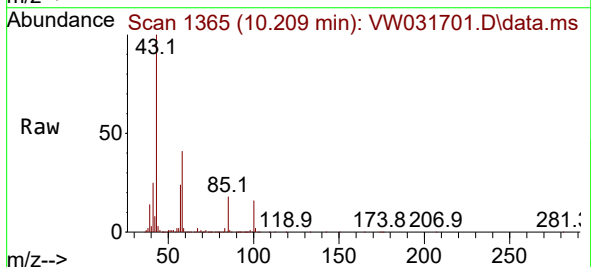
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

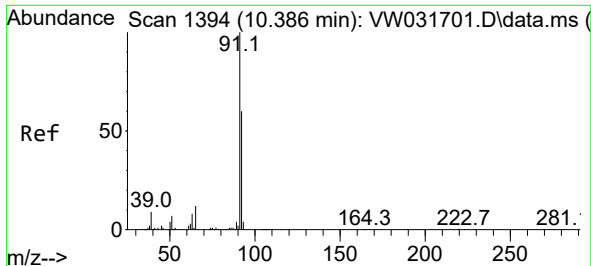
Tgt Ion: 75 Resp: 213405
Ion Ratio Lower Upper
75 100
77 29.6 20.7 38.5



#40
4-Methyl-2-pentanone
Concen: 53.46 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 43 Resp: 220618
Ion Ratio Lower Upper
43 100
58 40.2 31.0 46.6
100 15.8 11.9 17.9

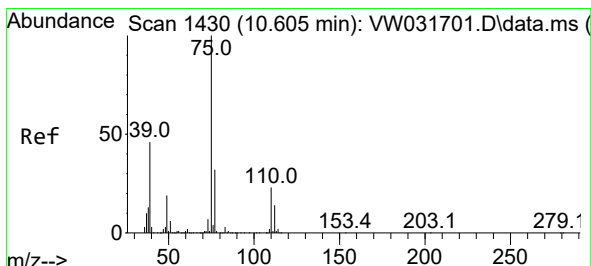
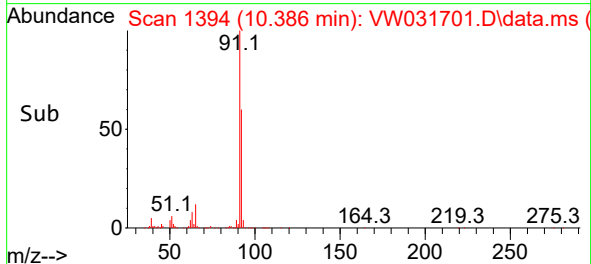
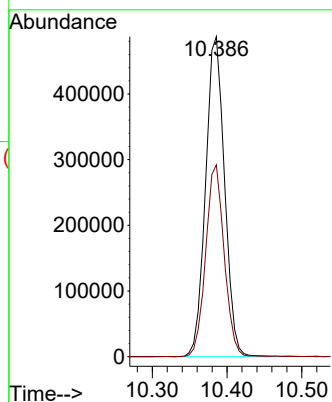
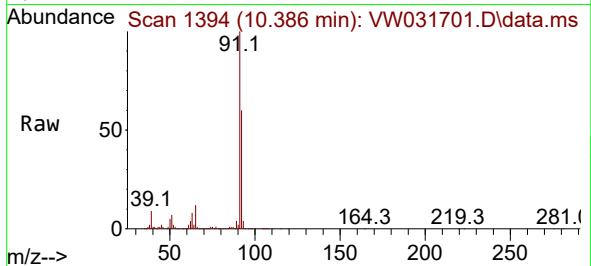




#42
Toluene
Concen: 23.24 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

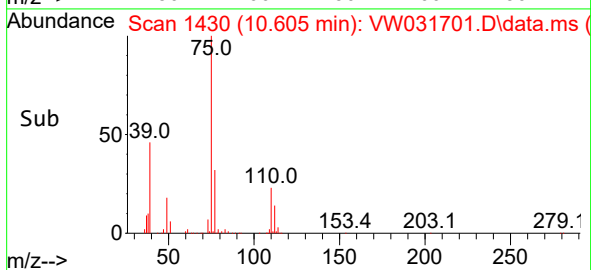
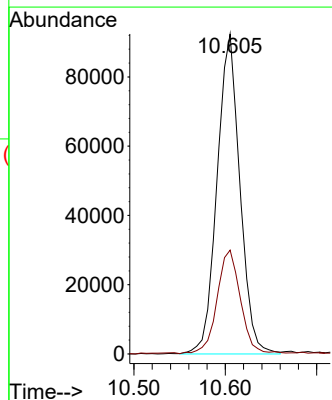
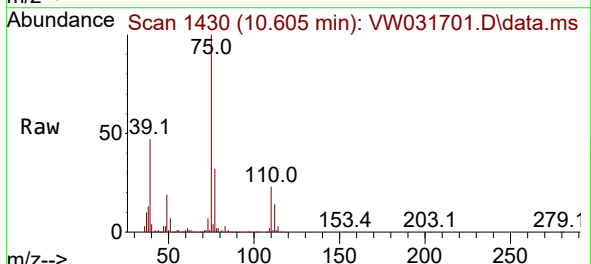
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

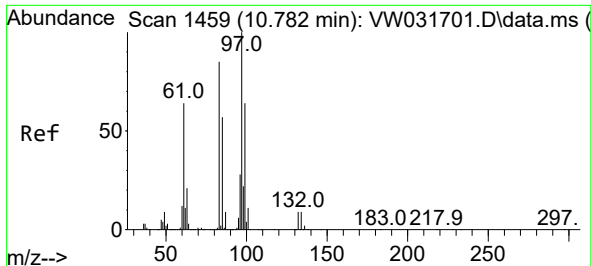
Tgt Ion: 91 Resp: 856939
Ion Ratio Lower Upper
91 100
92 60.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.66 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion: 75 Resp: 160455
Ion Ratio Lower Upper
75 100
77 32.4 22.1 41.1

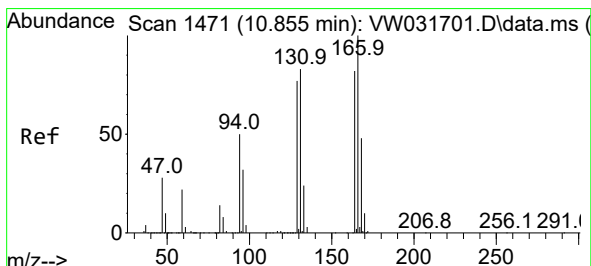
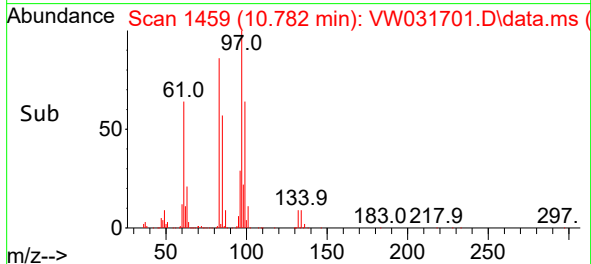
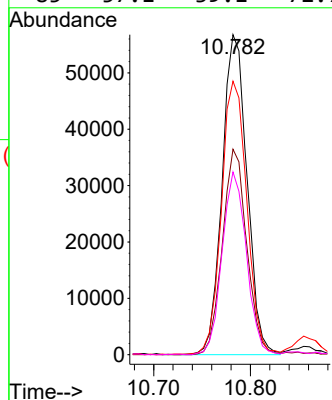
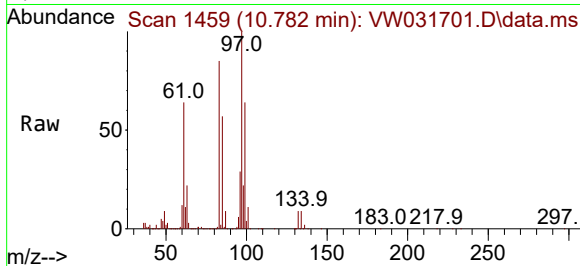




#45
1,1,2-Trichloroethane
Concen: 26.34 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

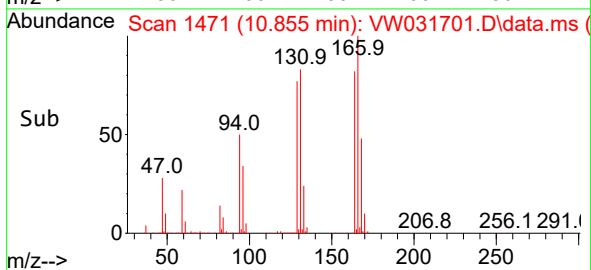
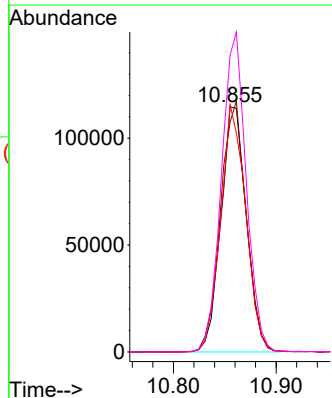
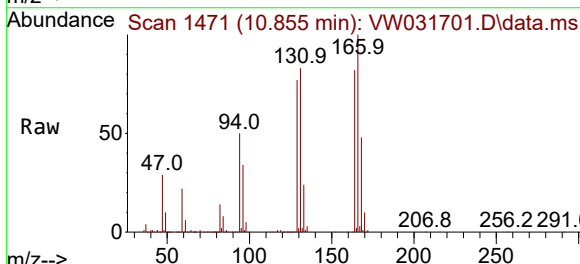
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

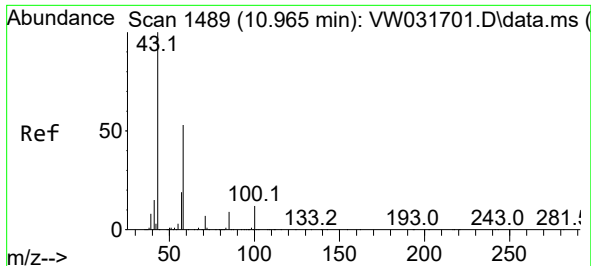
Tgt Ion: 97	Resp: 101270
Ion Ratio	Lower Upper
97 100	
99 64.2	42.6 79.2
83 85.5	55.7 103.5
85 57.1	39.1 72.7



#46
Tetrachloroethene
Concen: 20.77 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt	Ion:164	Resp:	198220
Ion	Ratio	Lower	Upper
164	100		
129	93.8	72.2	134.0
131	100.9	66.6	123.8
166	121.2	89.5	166.3

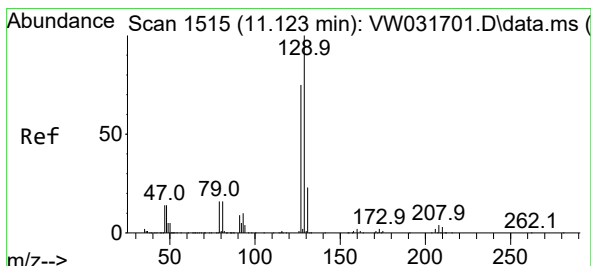
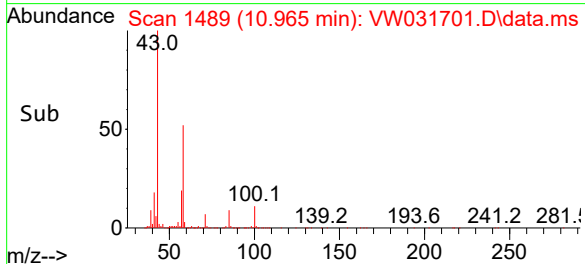
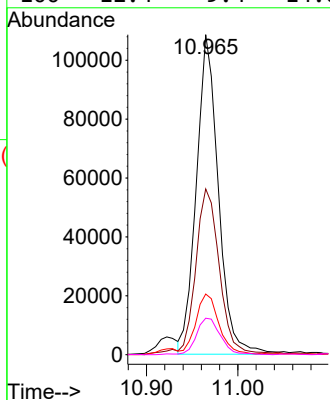
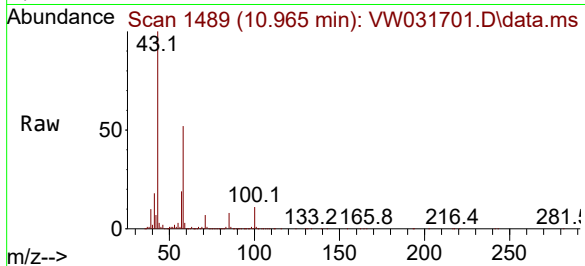




#48
2-Hexanone
Concen: 55.57 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

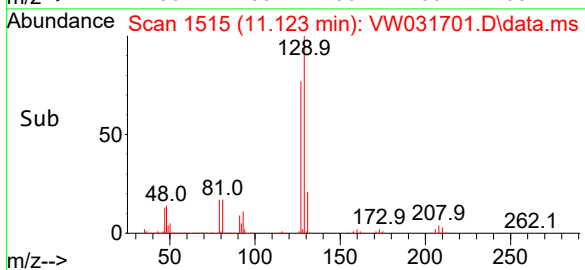
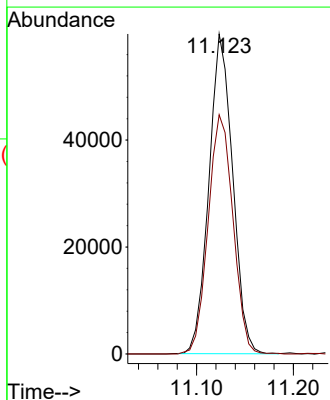
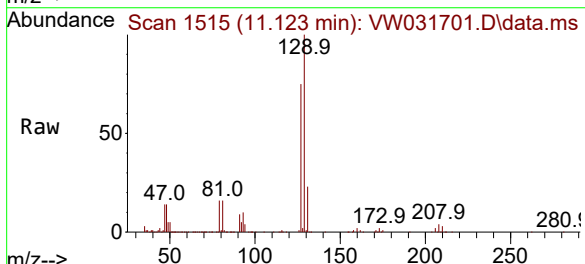
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

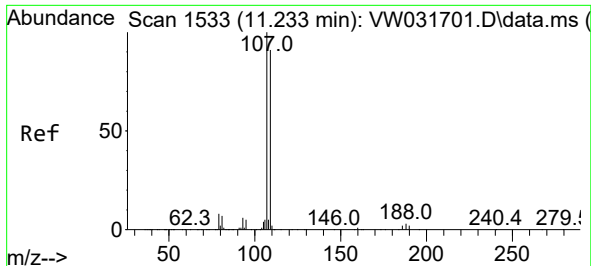
Tgt Ion:	43	Resp:	182089
Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.6	65.4
57	19.9	15.4	23.0
100	12.4	9.4	14.0



#49
Dibromochloromethane
Concen: 26.27 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion:	129	Resp:	101977
Ion	Ratio	Lower	Upper
129	100		
127	74.8	59.7	110.9

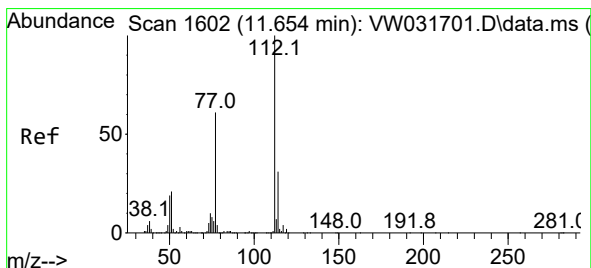
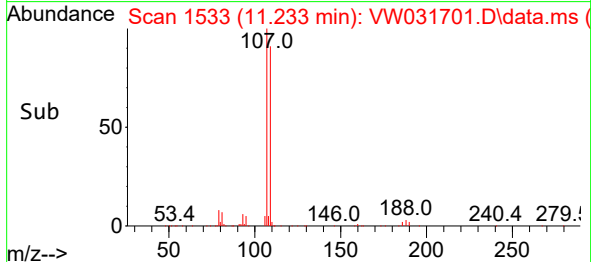
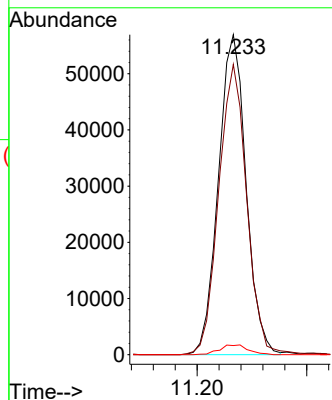
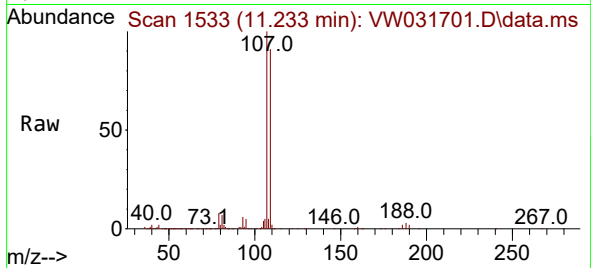




#50
1,2-Dibromoethane
Concen: 27.60 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

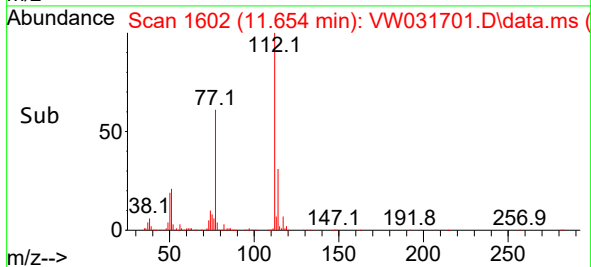
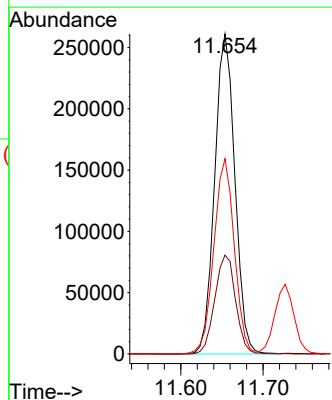
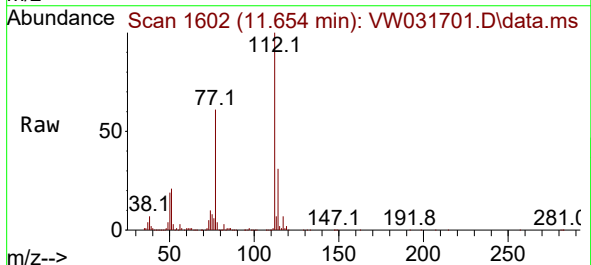
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

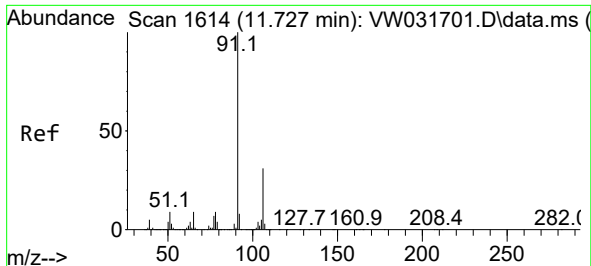
Tgt Ion:107 Resp: 99725
Ion Ratio Lower Upper
107 100
109 90.7 65.0 120.8
188 2.9 2.2 3.2



#51
Chlorobenzene
Concen: 24.27 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion:112 Resp: 445870
Ion Ratio Lower Upper
112 100
114 30.9 22.6 42.0
77 61.0 50.3 75.5

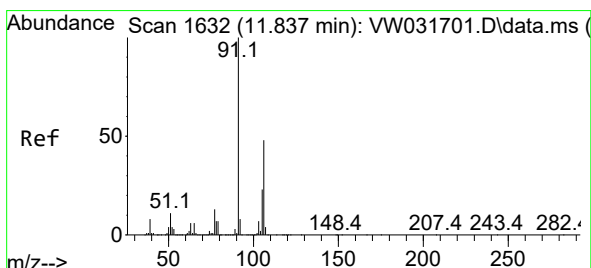
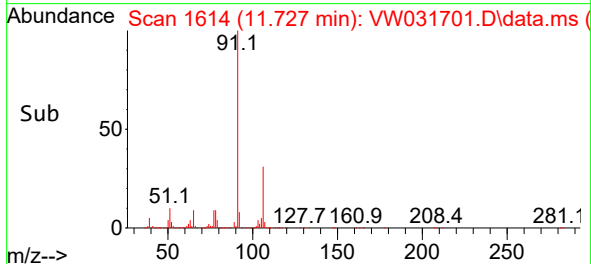
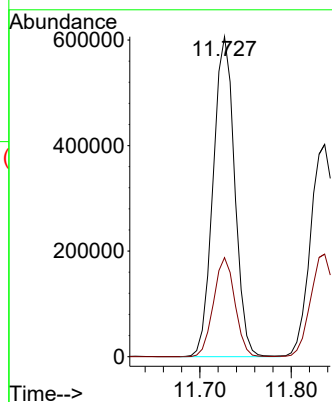
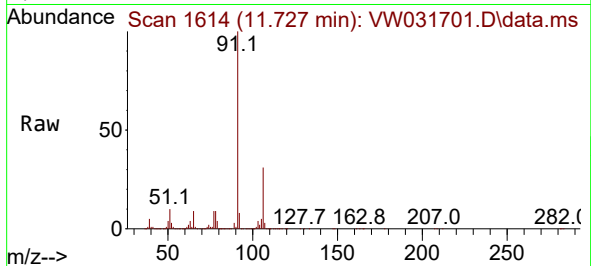




#52
Ethylbenzene
Concen: 22.38 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

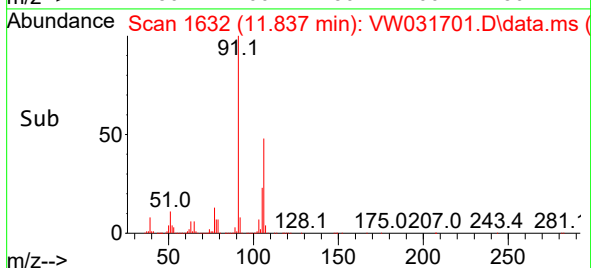
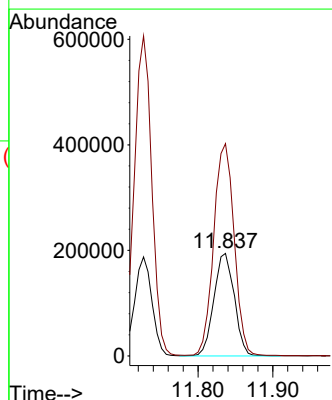
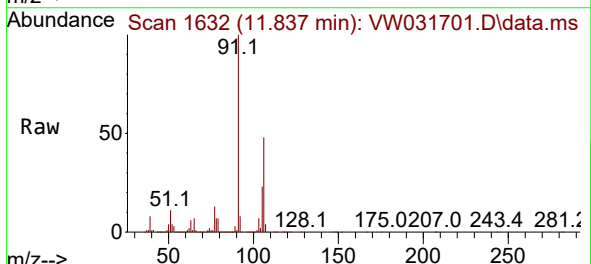
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

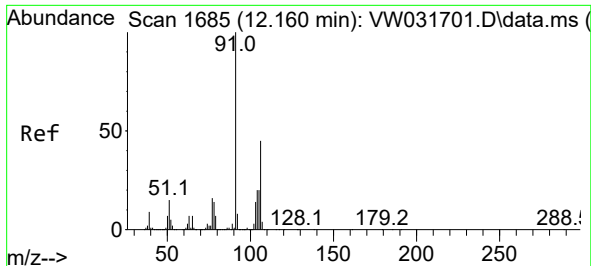
Tgt Ion: 91 Resp: 992189
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.6



#53
m,p-Xylene
Concen: 23.11 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion:106 Resp: 368788
Ion Ratio Lower Upper
106 100
91 207.0 138.9 257.9

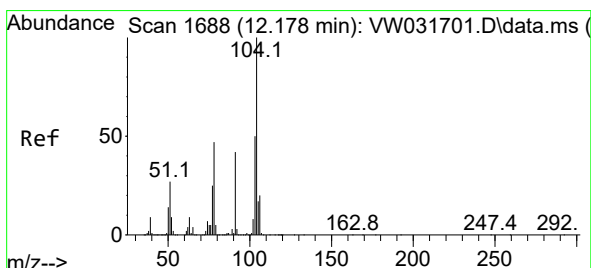
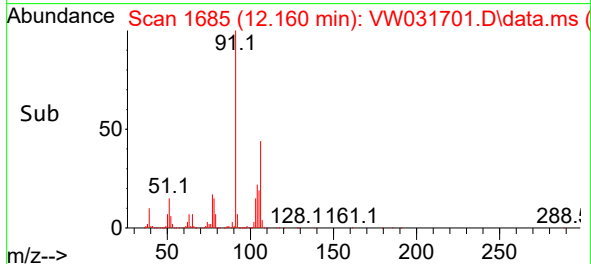
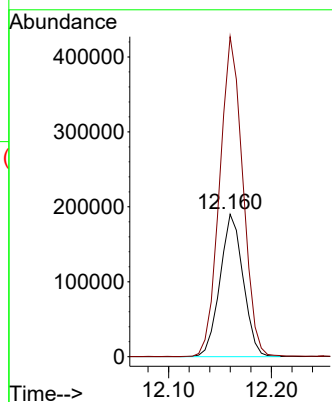
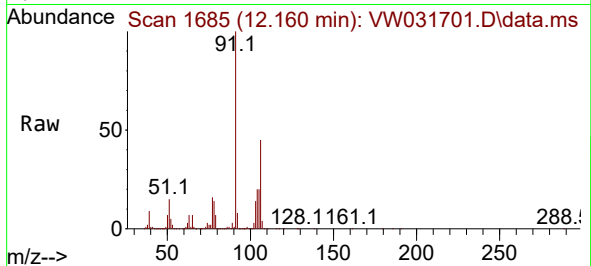




#54
o-Xylene
Concen: 23.68 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

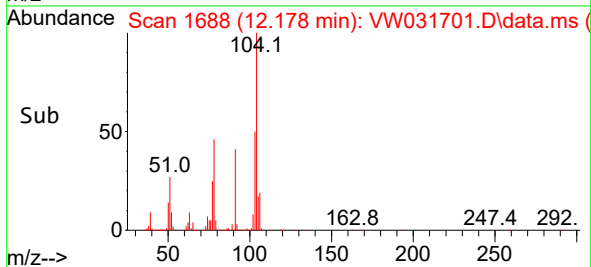
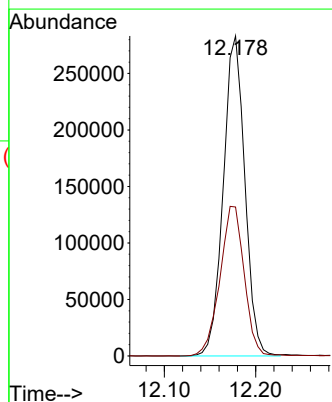
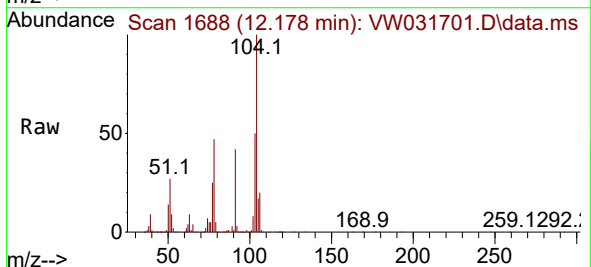
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

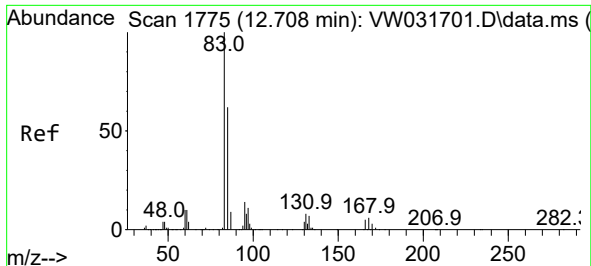
Tgt Ion:106 Resp: 297413
Ion Ratio Lower Upper
106 100
91 224.6 147.4 273.8



#55
Styrene
Concen: 25.72 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion:104 Resp: 465484
Ion Ratio Lower Upper
104 100
78 46.5 32.1 59.5





#57

1,1,2,2-Tetrachloroethane

Concen: 27.78 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

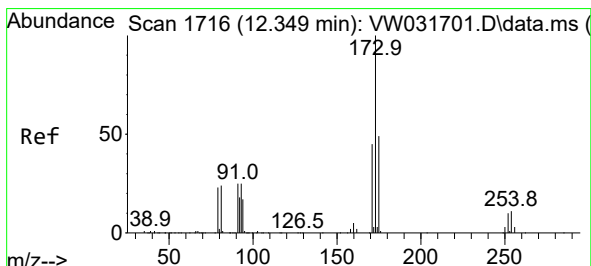
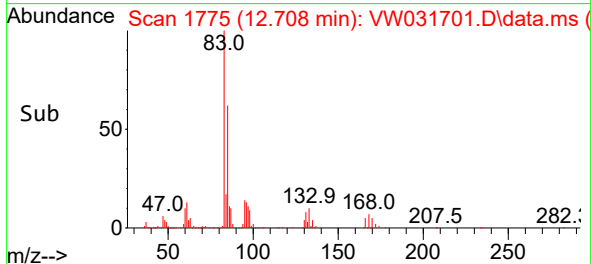
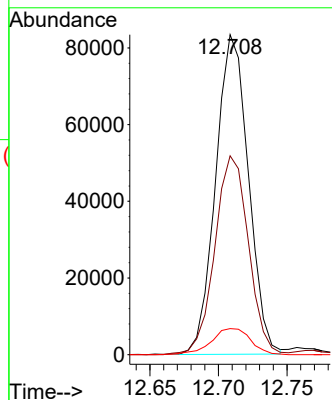
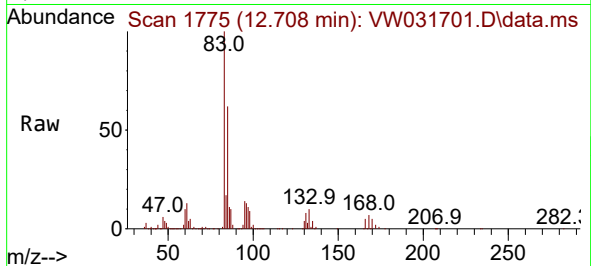
Tgt Ion: 83 Resp: 138470

Ion Ratio Lower Upper

83 100

85 62.1 44.2 82.2

131 8.1 7.4 11.2



#59

Bromoform

Concen: 26.54 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

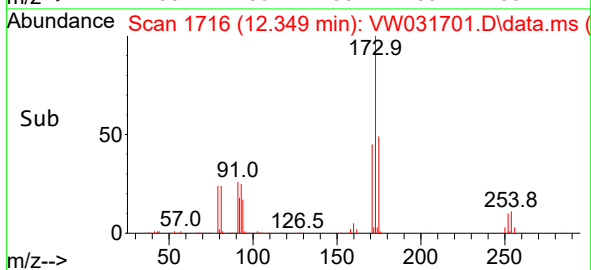
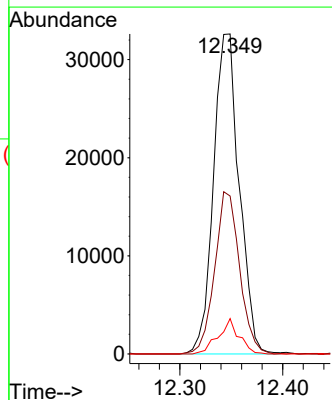
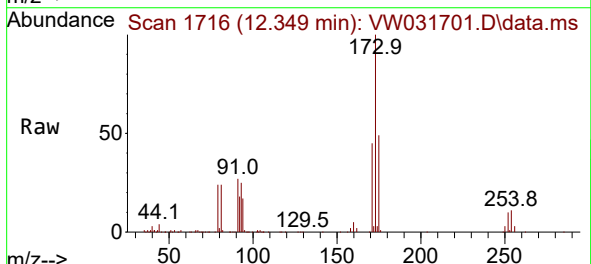
Tgt Ion: 173 Resp: 56682

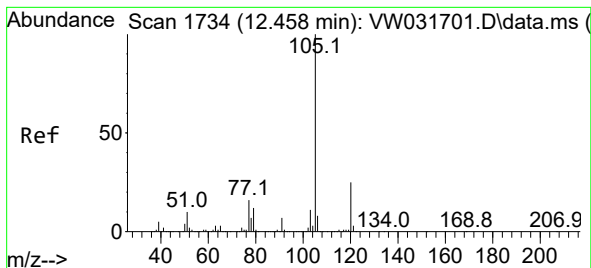
Ion Ratio Lower Upper

173 100

175 49.0 38.1 57.1

254 8.9 5.5 8.3#





#60

Isopropylbenzene

Concen: 21.90 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

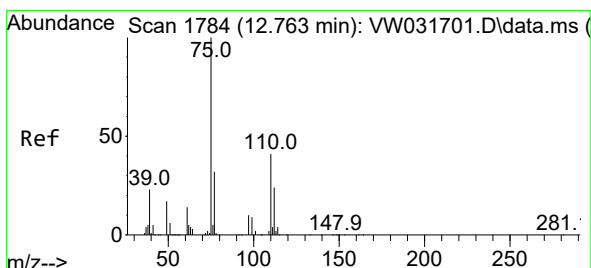
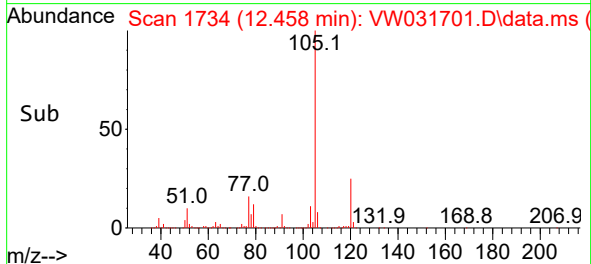
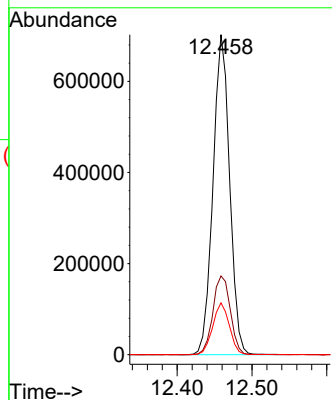
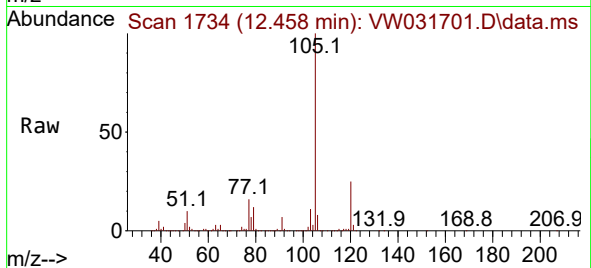
Tgt Ion:105 Resp: 1084786

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

77 16.2 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 26.97 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

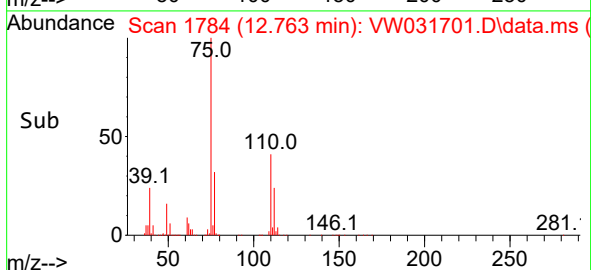
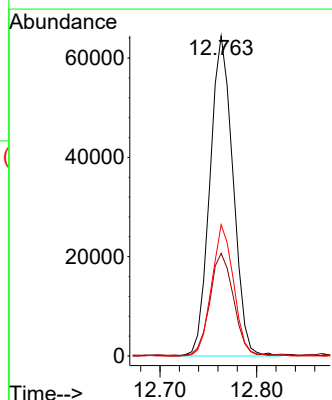
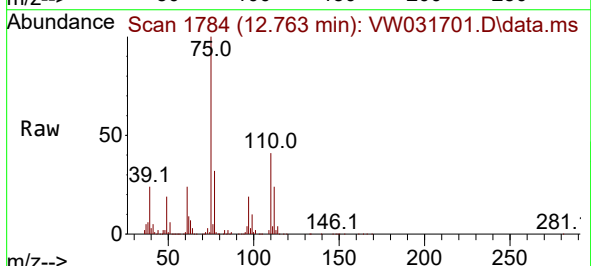
Tgt Ion: 75 Resp: 106913

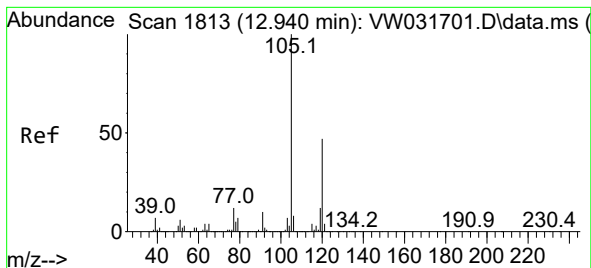
Ion Ratio Lower Upper

75 100

77 32.4 28.4 42.6

110 39.0 30.9 46.3

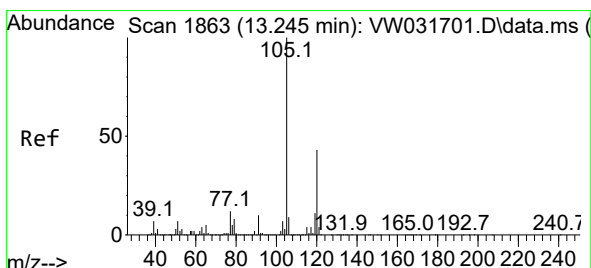
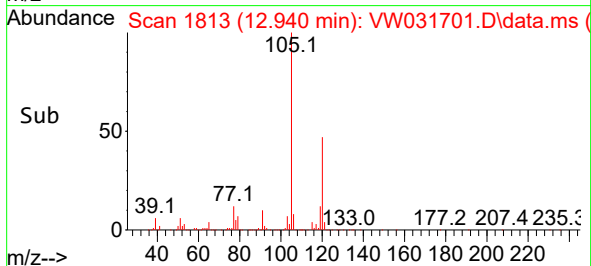
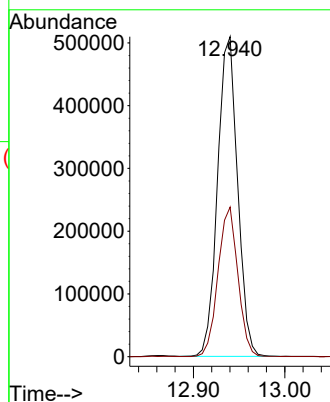
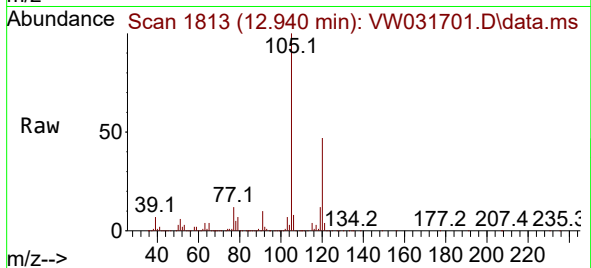




#62
1,3,5-Trimethylbenzene
Concen: 22.87 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

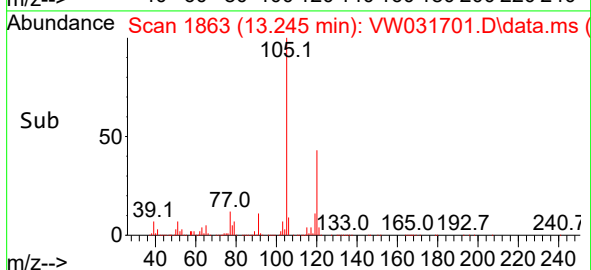
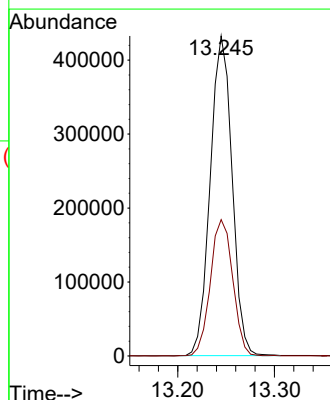
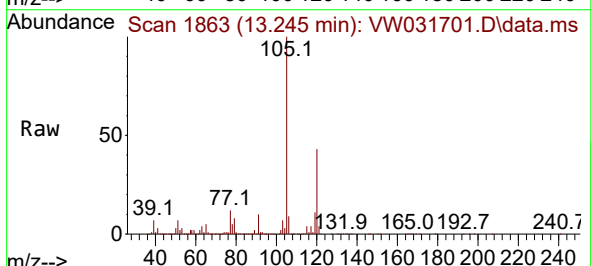
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

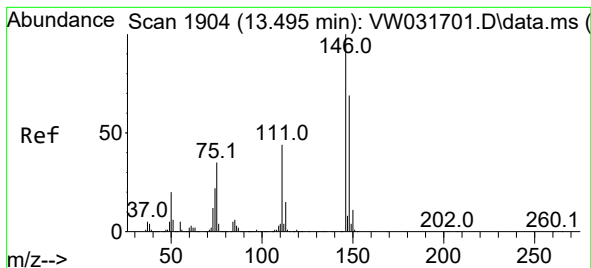
Tgt Ion:105 Resp: 775206
Ion Ratio Lower Upper
105 100
120 46.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 23.51 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion:105 Resp: 677809
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 23.19 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

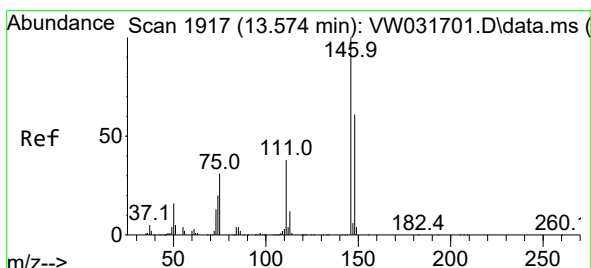
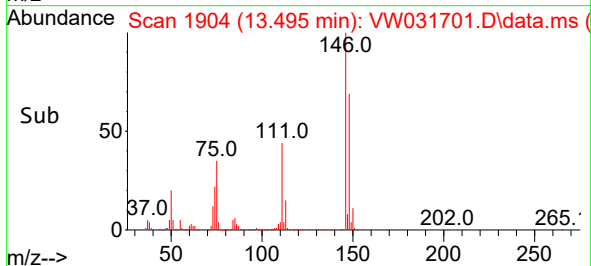
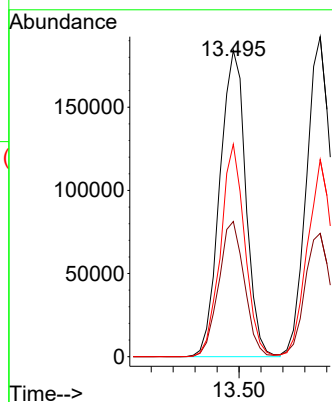
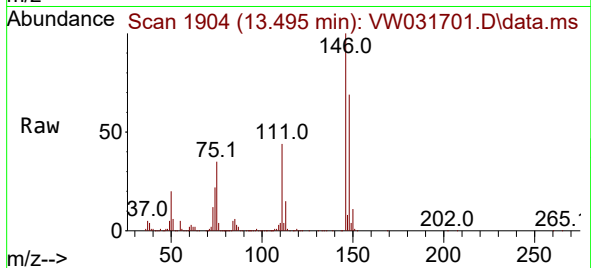
Tgt Ion:146 Resp: 303117

Ion Ratio Lower Upper

146 100

111 44.1 29.5 54.9

148 69.4 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 25.29 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

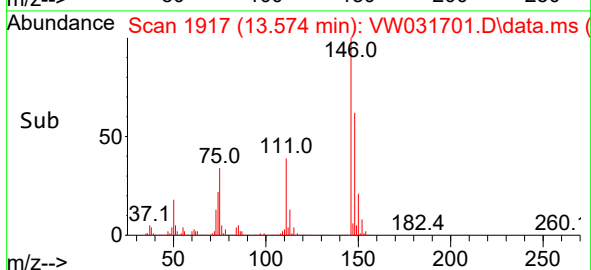
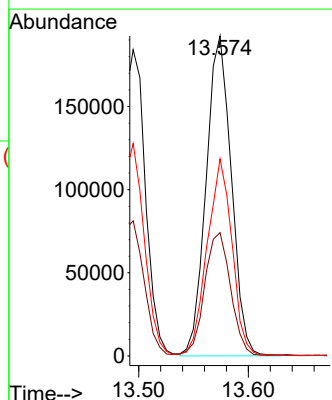
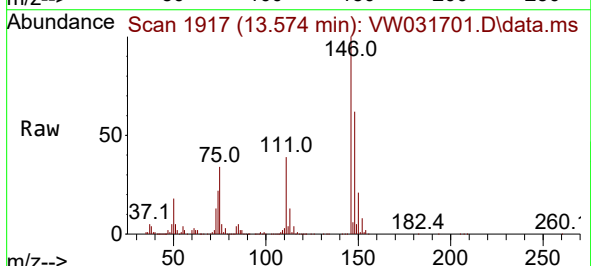
Tgt Ion:146 Resp: 308174

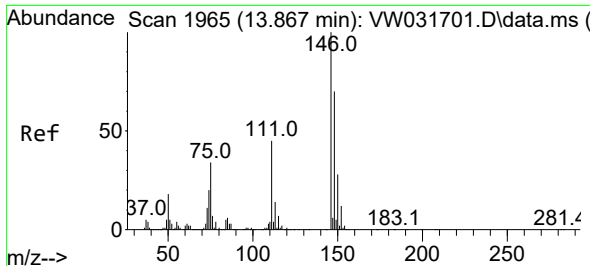
Ion Ratio Lower Upper

146 100

111 38.6 27.6 51.2

148 61.6 40.6 75.4





#67

1,2-Dichlorobenzene

Concen: 24.55 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

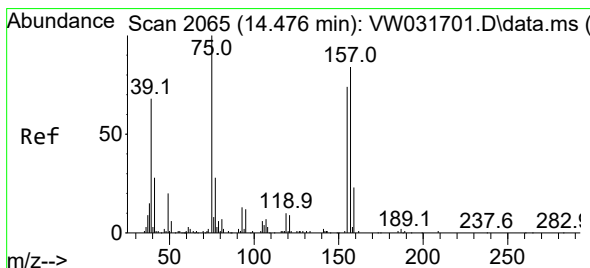
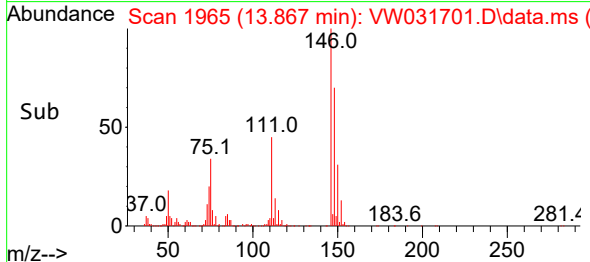
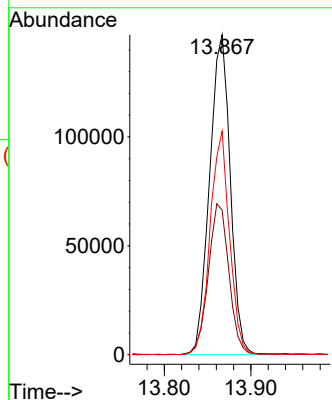
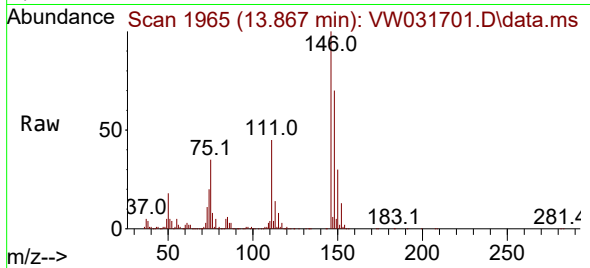
Tgt Ion:146 Resp: 243952

Ion Ratio Lower Upper

146 100

111 45.1 34.2 51.4

148 69.9 43.5 65.3#



#68

1,2-Dibromo-3-chloropropane

Concen: 23.61 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

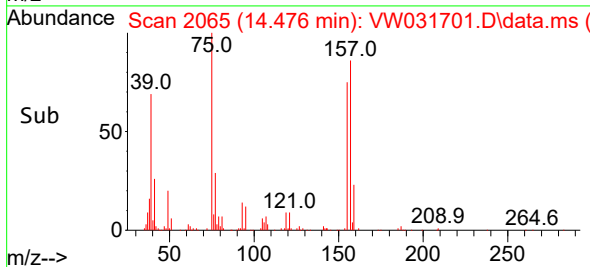
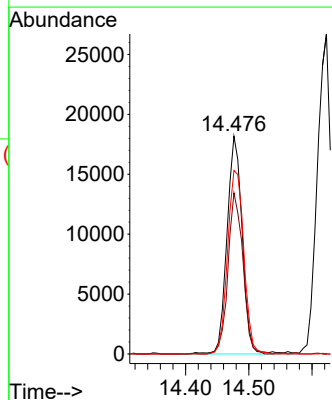
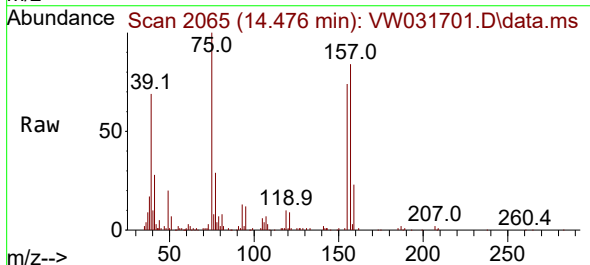
Tgt Ion: 75 Resp: 30207

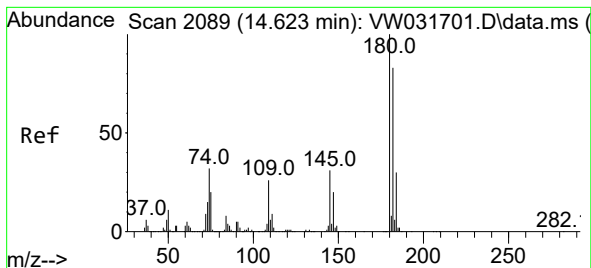
Ion Ratio Lower Upper

75 100

155 74.0 51.6 77.4

157 84.3 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 23.66 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

Tgt Ion:180 Resp: 213056

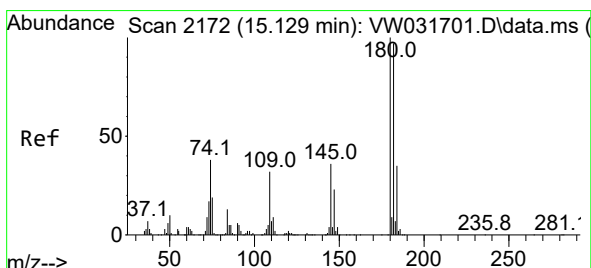
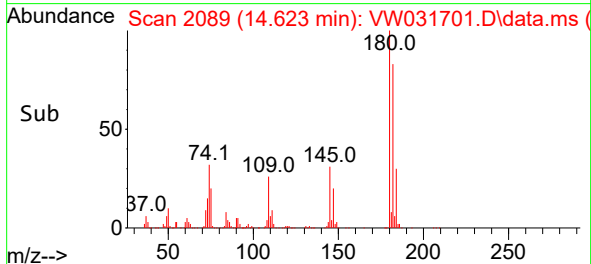
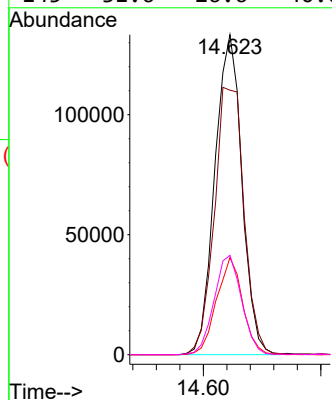
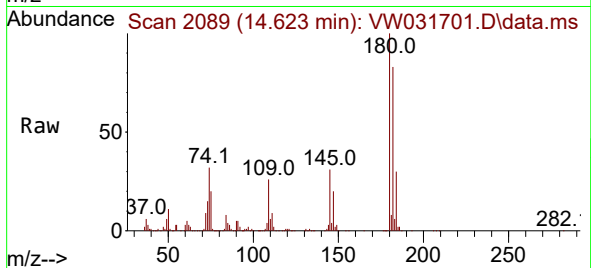
Ion Ratio Lower Upper

180 100

182 91.9 75.5 113.3

184 29.3 23.7 35.5

145 31.6 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 23.25 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031701.D

Acq: 09 May 2025 11:17

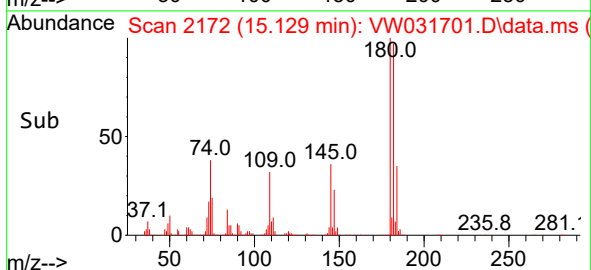
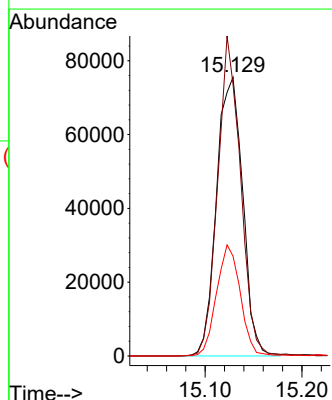
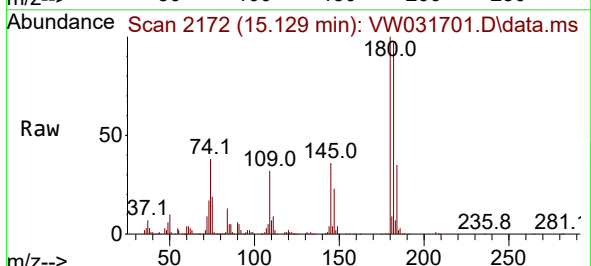
Tgt Ion:180 Resp: 141927

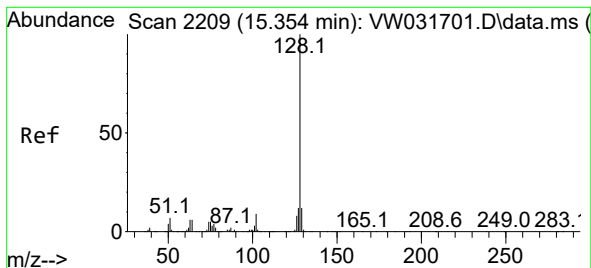
Ion Ratio Lower Upper

180 100

182 99.9 75.7 113.5

145 36.1 26.7 40.1

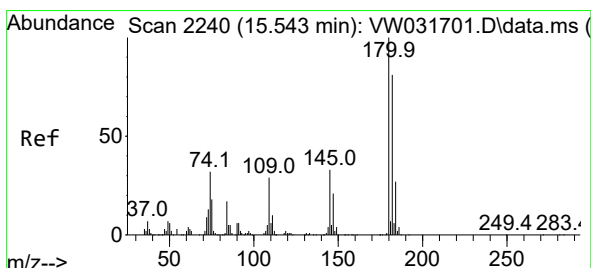
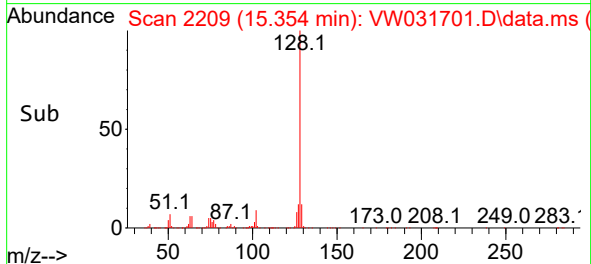
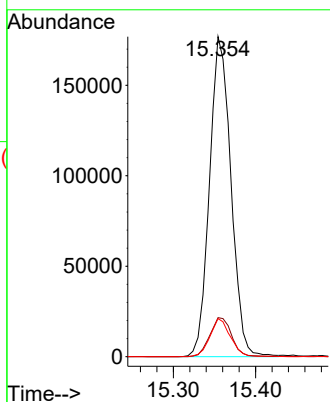
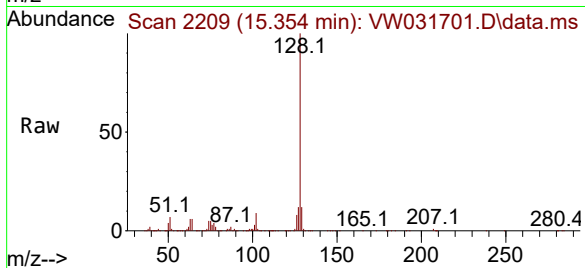




#71
Naphthalene
Concen: 27.12 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

Tgt Ion:128 Resp: 320966
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.33 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW031701.D
Acq: 09 May 2025 11:17

Tgt Ion:180 Resp: 130563
Ion Ratio Lower Upper
180 100
182 88.7 77.3 115.9
145 34.7 28.6 43.0

