

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052225\
 Data File : VW031709.D
 Acq On : 22 May 2025 11:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: May 22 12:01:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 22 11:01:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	422479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	284867	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	116228	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	243680	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.04%
7) Chloroethane-d5	2.893	69	148185	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	4.015	65	107756	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.92%
21) 2-Butanone-d5	7.331	46	225	0.11	ug/L	0.24
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.22%#
24) Chloroform-d	7.642	84	230706	23.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	8.301	65	81593	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.76%
32) Benzene-d6	8.270	84	525720	24.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.16%
36) 1,2-Dichloropropane-d6	9.270	67	114144	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
41) Toluene-d8	10.318	98	480646	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
43) trans-1,3-Dichloroprop...	10.575	79	35224	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
47) 2-Hexanone-d5	10.922	63	47198	44.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75267	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
66) 1,2-Dichlorobenzene-d4	13.848	152	88205	22.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.56%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	182320	21.76	ug/L #	87
3) Chloromethane	2.216	50	137475	20.61	ug/L	99
5) Vinyl chloride	2.375	62	253330	25.27	ug/L	96
6) Bromomethane	2.789	94	98284	24.19	ug/L	97
8) Chloroethane	2.930	64	118949	24.88	ug/L	96
9) Trichlorofluoromethane	3.259	101	209137	26.67	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	249245	23.91	ug/L	95
12) 1,1-Dichloroethene	4.039	96	198499	23.98	ug/L	97
13) Acetone	4.167	43	79517	53.13	ug/L	66
14) Carbon disulfide	4.387	76	611513	24.10	ug/L	98
16) Methylene chloride	4.923	84	91913	21.43	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	171868	24.38	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	107025	21.42	ug/L #	88
19) 1,1-Dichloroethane	6.209	63	262095	23.95	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	123581	22.84	ug/L	94
22) 2-Butanone	7.179	43	104982	48.32	ug/L	98
23) Bromochloromethane	7.514	128	39199	22.34	ug/L	96
25) Chloroform	7.673	83	220781	23.47	ug/L	97
27) 1,2-Dichloroethane	8.398	62	95821	21.98	ug/L	98

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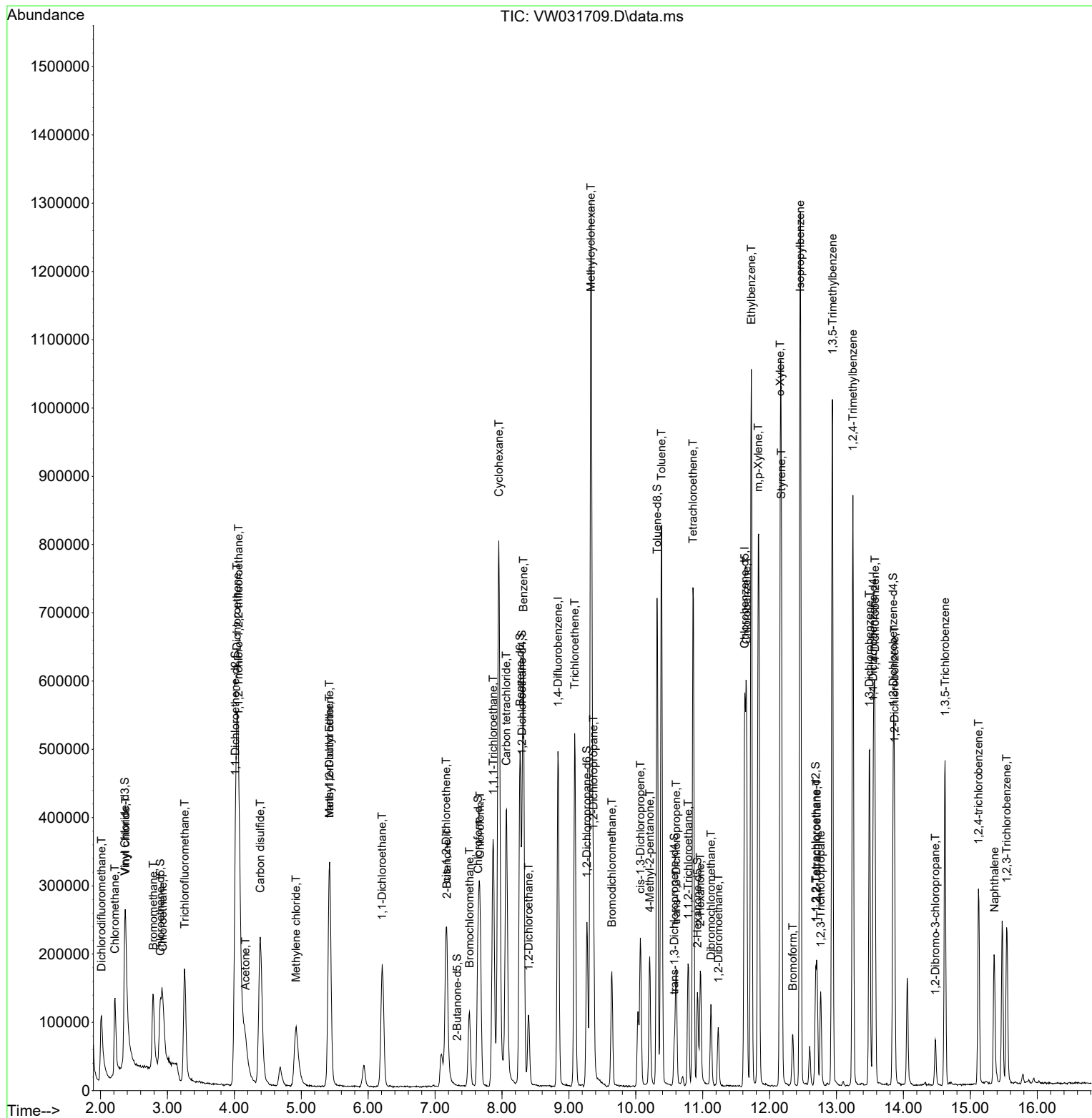
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	469006	25.44	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	309312	25.85	ug/L	100
31) Carbon tetrachloride	8.063	117	307286	25.67	ug/L	99
33) Benzene	8.319	78	585219	25.13	ug/L	100
34) Trichloroethene	9.087	95	188271	24.62	ug/L	94
35) Methylcyclohexane	9.331	83	515591	25.55	ug/L	98
37) 1,2-Dichloropropane	9.367	63	108351	23.97	ug/L	99
38) Bromodichloromethane	9.642	83	117142	23.56	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	130548	23.34	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	128187	46.31	ug/L	98
42) Toluene	10.386	91	624788	25.26	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	98812	23.56	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	59263	22.98	ug/L	94
46) Tetrachloroethene	10.855	164	159309	24.89	ug/L	97
48) 2-Hexanone	10.965	43	108786	49.49	ug/L	98
49) Dibromochloromethane	11.123	129	60335	23.17	ug/L	89
50) 1,2-Dibromoethane	11.233	107	58434	24.11	ug/L #	98
51) Chlorobenzene	11.654	112	295335	23.96	ug/L	96
52) Ethylbenzene	11.727	91	731274	24.59	ug/L	98
53) m,p-Xylene	11.830	106	269204	25.15	ug/L	95
54) o-Xylene	12.160	106	209485	24.87	ug/L	87
55) Styrene	12.178	104	297518	24.50	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	75546	22.59	ug/L	90
59) Bromoform	12.349	173	35192	25.50	ug/L #	98
60) Isopropylbenzene	12.458	105	831853	25.99	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60375	23.57	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	548519	25.04	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	465299	24.97	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	200448	23.73	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	189259	24.03	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	146567	22.82	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	18023	21.80	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	138493	23.79	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	87888	22.28	ug/L	99
71) Naphthalene	15.360	128	168516	22.03	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	78236	24.42	ug/L	93

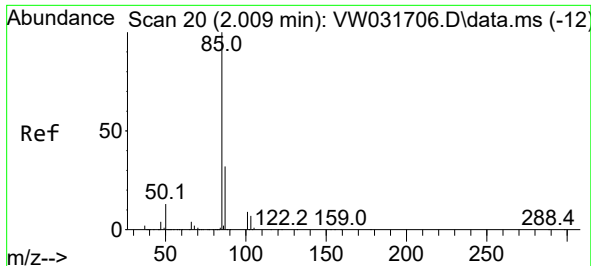
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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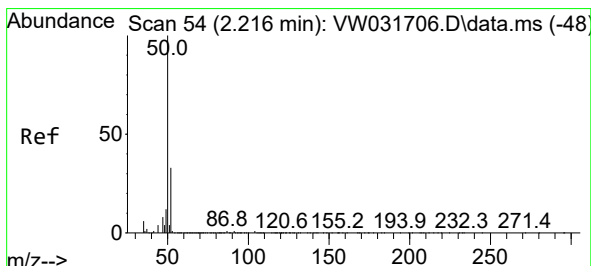
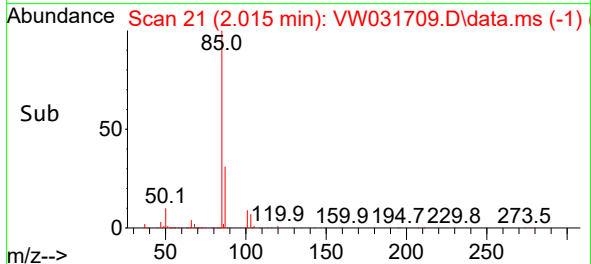
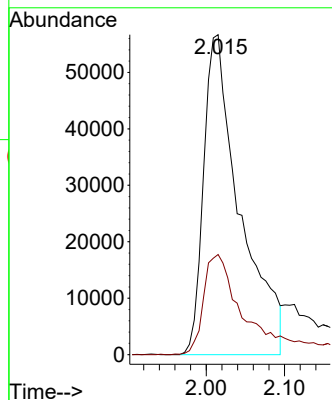
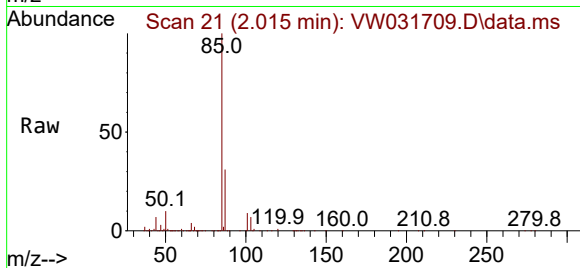




#2
 Dichlorodifluoromethane
 Concen: 21.76 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031709.D
 Acq: 22 May 2025 11:24

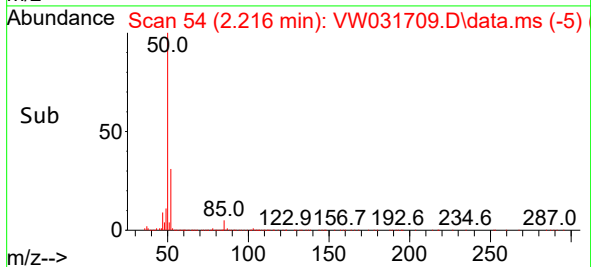
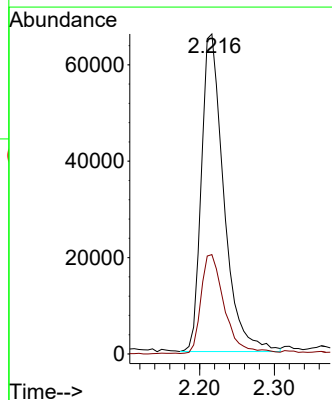
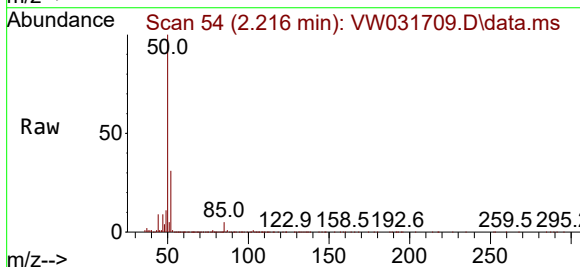
Instrument :
 MSVOA_W
 ClientSampleId :
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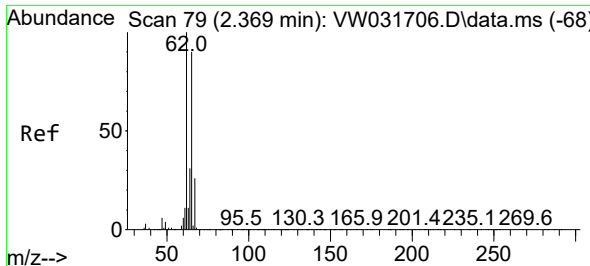
Tgt Ion: 85 Resp: 182320
 Ion Ratio Lower Upper
 85 100
 87 31.5 0.1 0.1#



#3
 Chloromethane
 Concen: 20.61 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VW031709.D
 Acq: 22 May 2025 11:24

Tgt Ion: 50 Resp: 137475
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.0 41.0

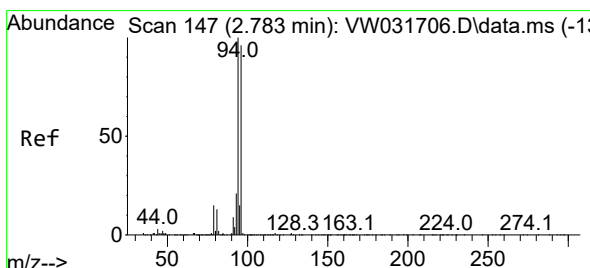
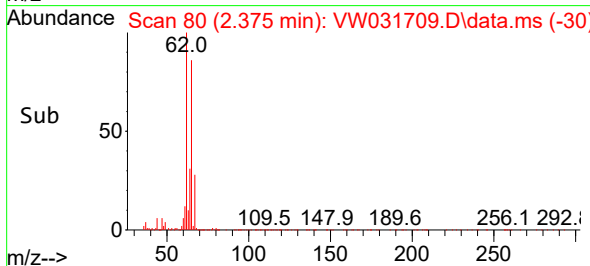
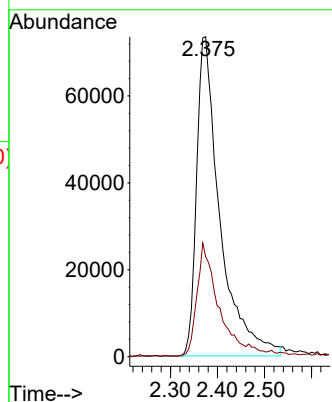
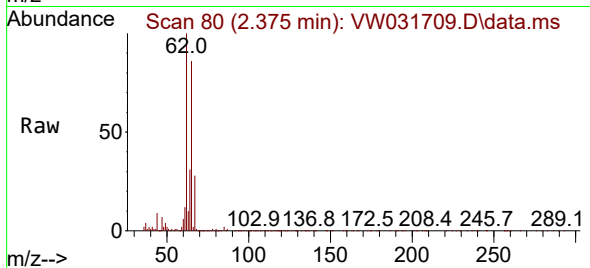




#5
 Vinyl chloride
 Concen: 25.27 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031709.D
 Acq: 22 May 2025 11:24

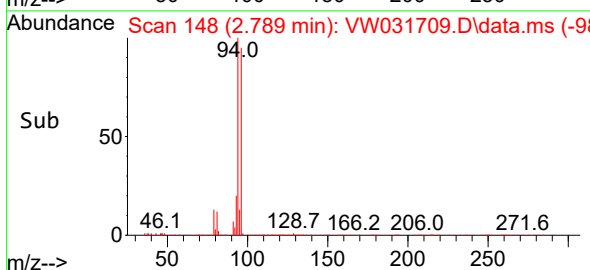
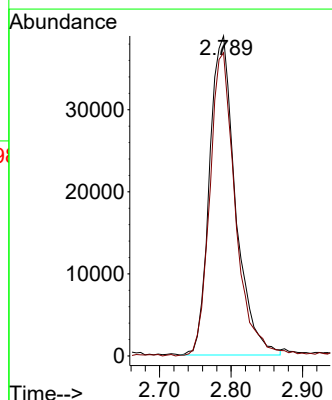
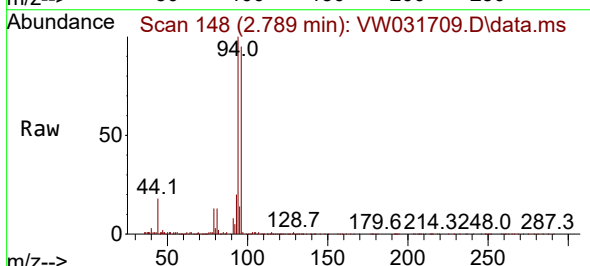
Instrument :
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 ClientSampleId :
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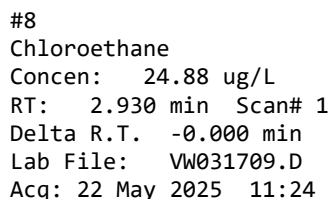
Tgt Ion: 62 Resp: 253330
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.7 43.9



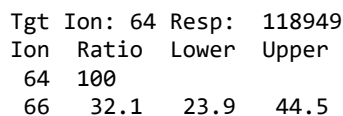
#6
 Bromomethane
 Concen: 24.19 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031709.D
 Acq: 22 May 2025 11:24

Tgt Ion: 94 Resp: 98284
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.3 119.3



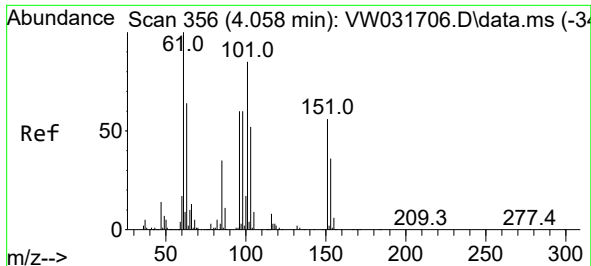


Instrument :
MSVOA_W
ClientSampleId :
VSTD025500



#9
Trichlorofluoromethane
Concen: 26.67 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

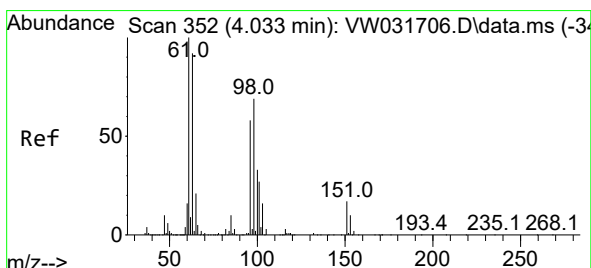
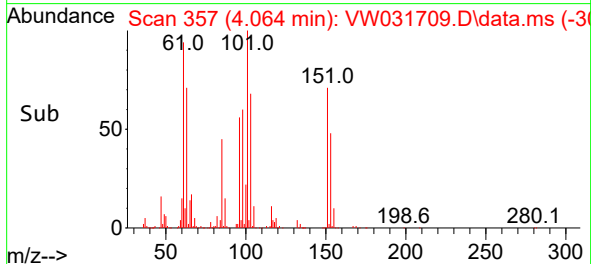
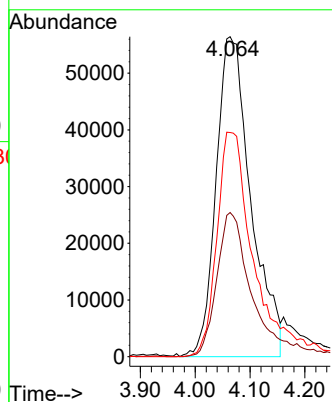
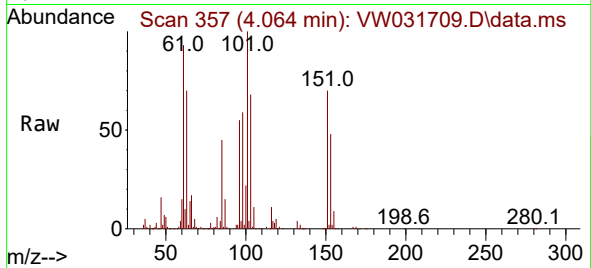
Tgt	Ion:101	Resp:	209137
Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.8	77.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.91 ug/L
 RT: 4.064 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW031709.D
 Acq: 22 May 2025 11:24

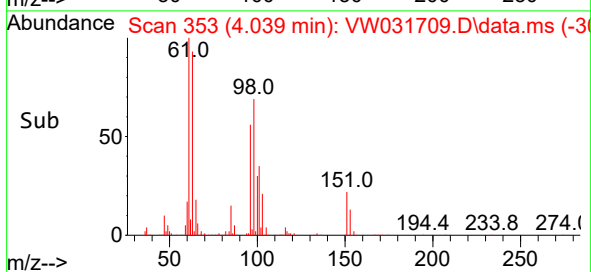
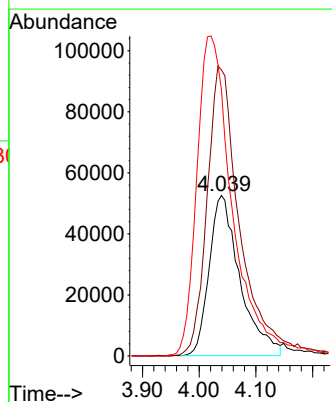
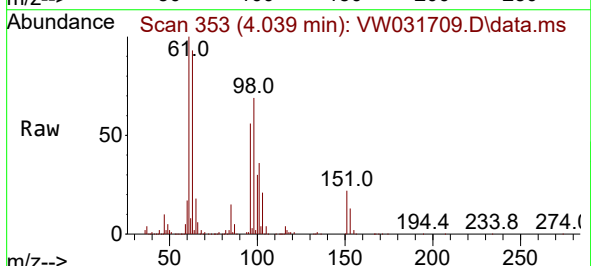
Instrument :
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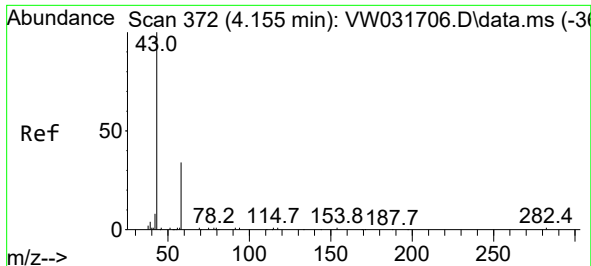
Tgt Ion:101 Resp: 249245
 Ion Ratio Lower Upper
 101 100
 85 43.8 31.8 47.6
 151 71.5 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 23.98 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031709.D
 Acq: 22 May 2025 11:24

Tgt Ion: 96 Resp: 198499
 Ion Ratio Lower Upper
 96 100
 61 178.1 124.5 231.1
 63 165.6 110.2 204.6

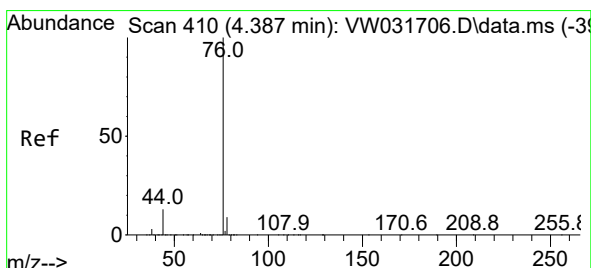
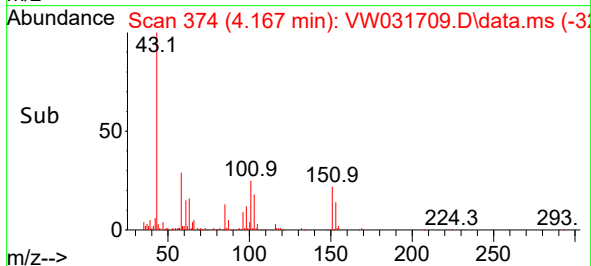
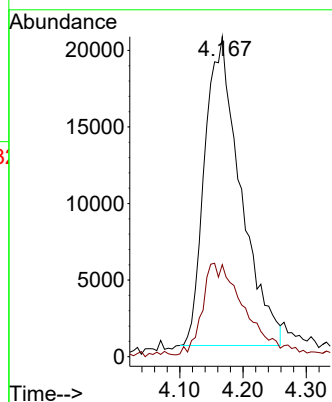
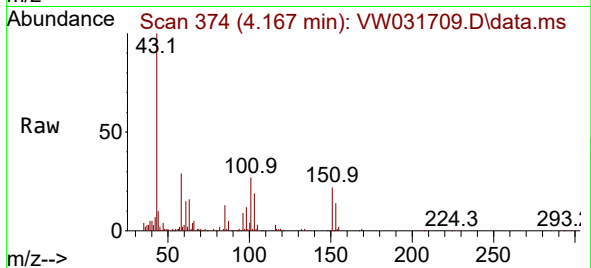




#13
Acetone
Concen: 53.13 ug/L
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031709.D
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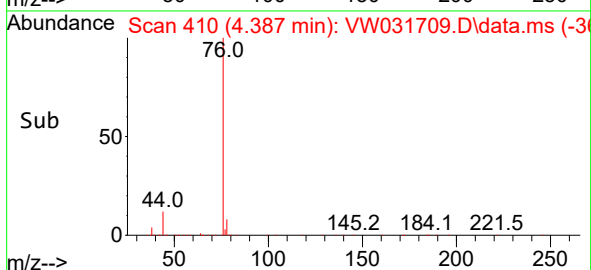
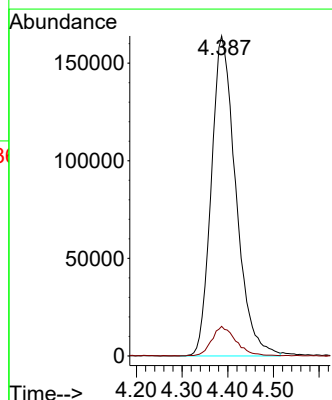
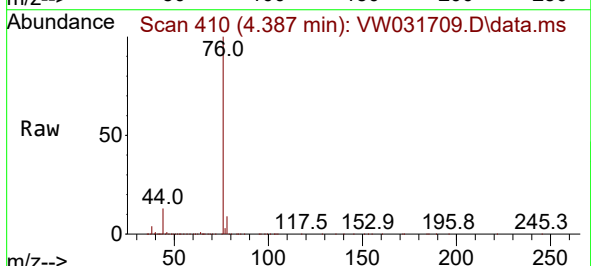
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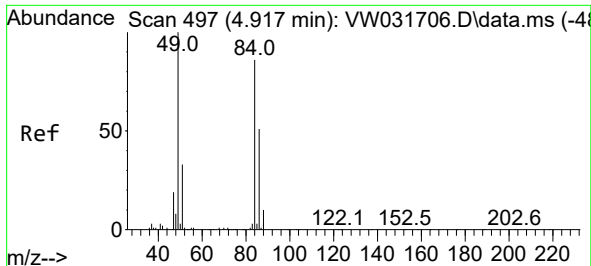
Tgt Ion: 43 Resp: 79517
Ion Ratio Lower Upper
43 100
58 13.9 0.0 66.2



#14
Carbon disulfide
Concen: 24.10 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 76 Resp: 611513
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

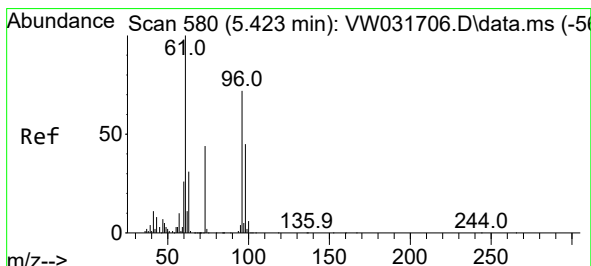
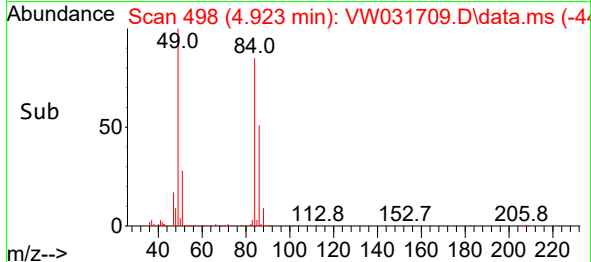
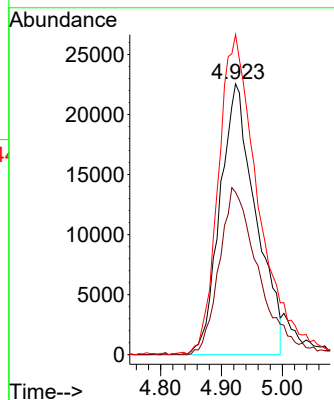
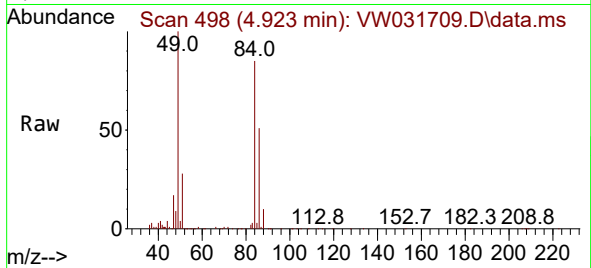




#16
Methylene chloride
Concen: 21.43 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
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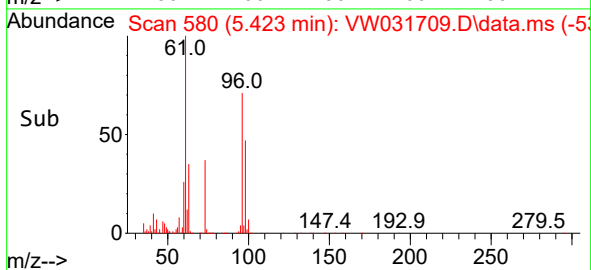
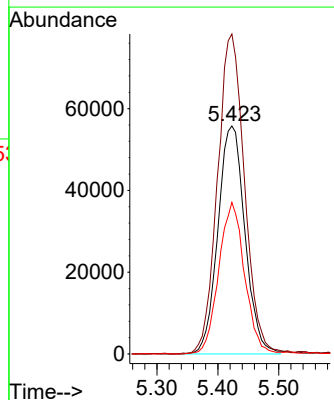
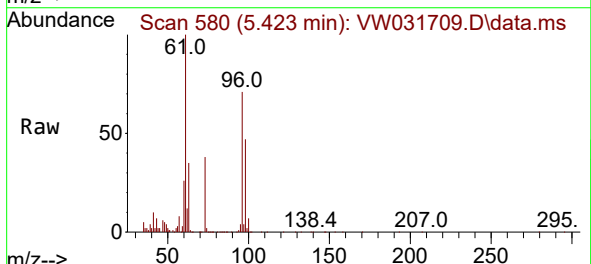
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ClientSampleId :
VSTD025500

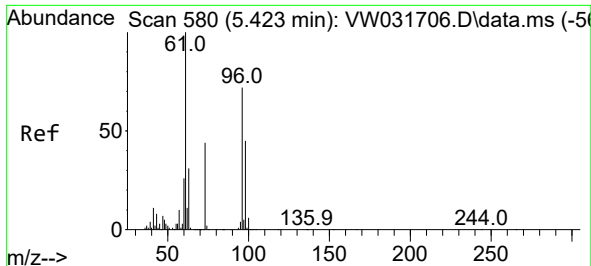
Tgt Ion: 84 Resp: 91913
Ion Ratio Lower Upper
84 100
86 60.0 44.2 82.2
49 118.2 85.1 158.1



#17
trans-1,2-Dichloroethene
Concen: 24.38 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 96 Resp: 171868
Ion Ratio Lower Upper
96 100
61 140.3 100.9 187.3
98 66.4 45.0 83.6

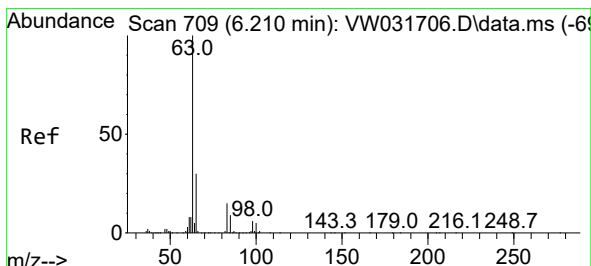
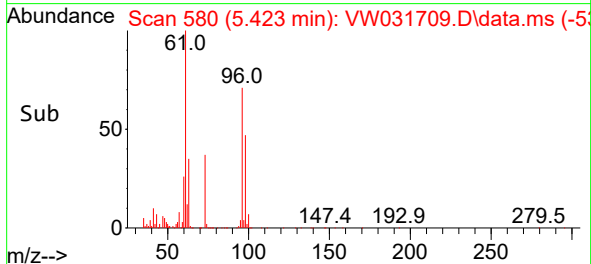
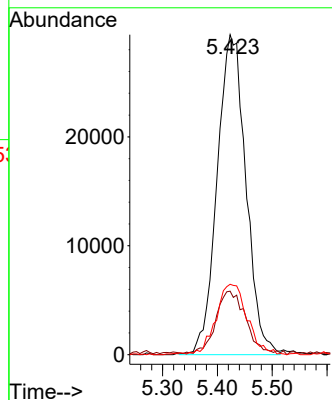
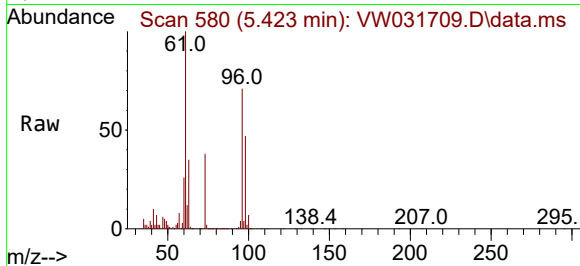




#18
Methyl tert-butyl Ether
Concen: 21.42 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

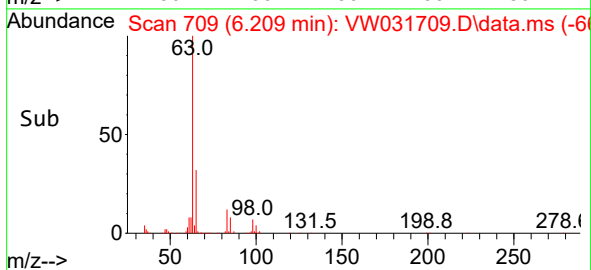
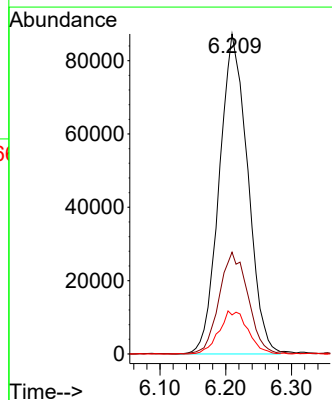
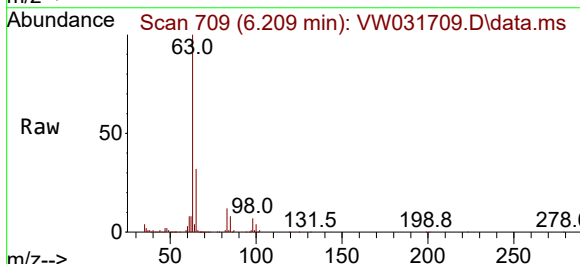
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

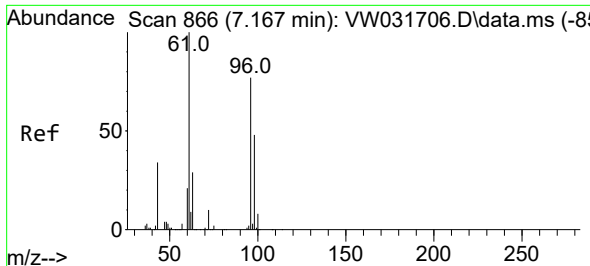
Tgt Ion: 73 Resp: 107025
Ion Ratio Lower Upper
73 100
43 19.8 15.4 23.2
57 22.5 8.5 12.7#



#19
1,1-Dichloroethane
Concen: 23.95 ug/L
RT: 6.209 min Scan# 709
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 63 Resp: 262095
Ion Ratio Lower Upper
63 100
65 31.8 21.6 40.0
83 12.2 9.4 17.4

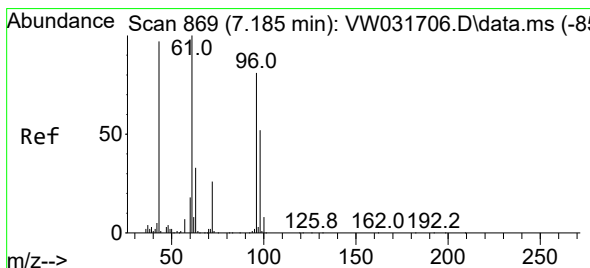
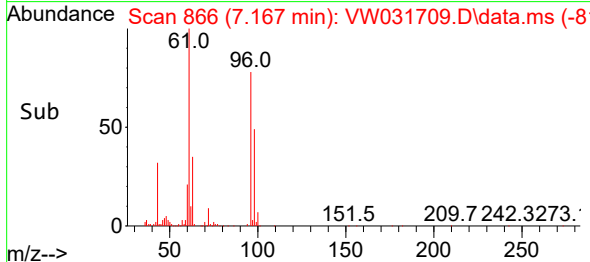
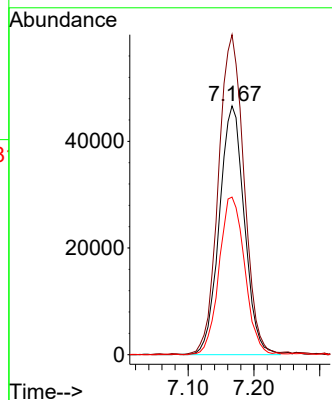
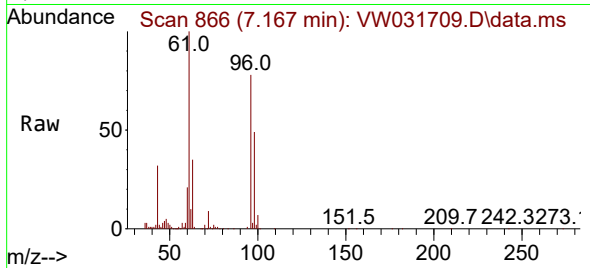




#20
cis-1,2-Dichloroethene
Concen: 22.84 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

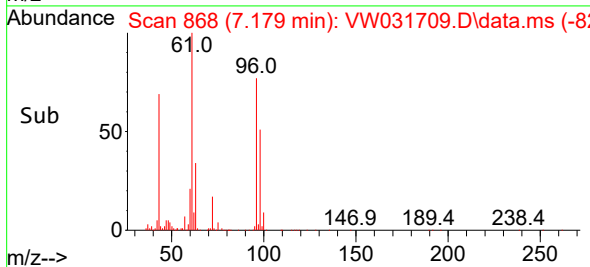
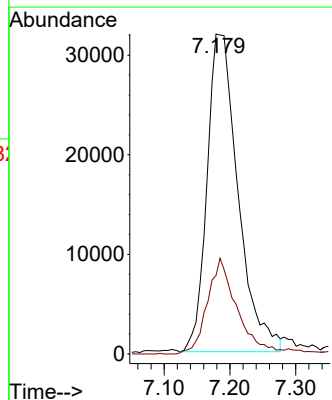
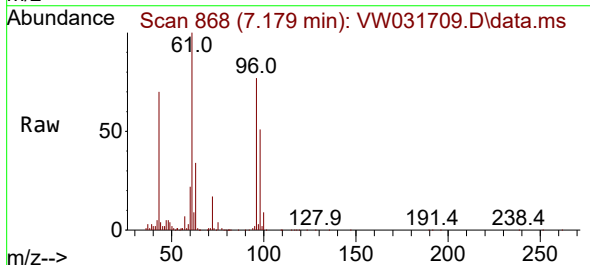
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

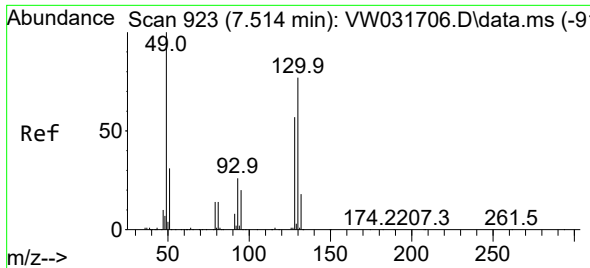
Tgt Ion: 96 Resp: 123581
Ion Ratio Lower Upper
96 100
61 128.6 84.8 157.6
98 63.3 42.4 78.6



#22
2-Butanone
Concen: 48.32 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 43 Resp: 104982
Ion Ratio Lower Upper
43 100
72 28.3 13.7 41.1

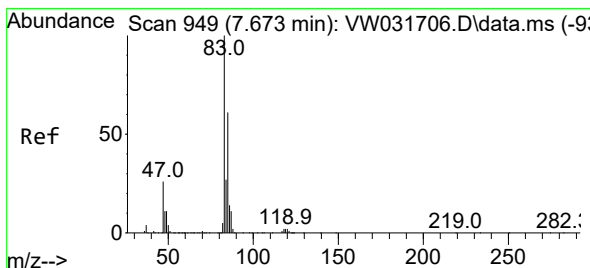
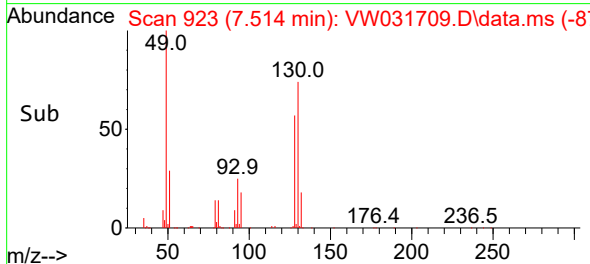
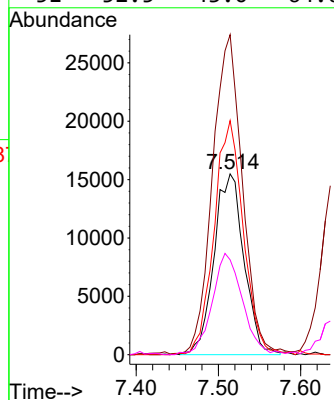
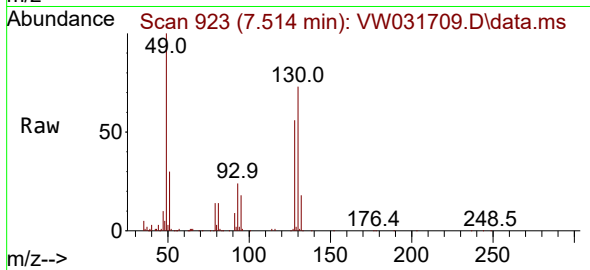




#23
Bromochloromethane
Concen: 22.34 ug/L
RT: 7.514 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

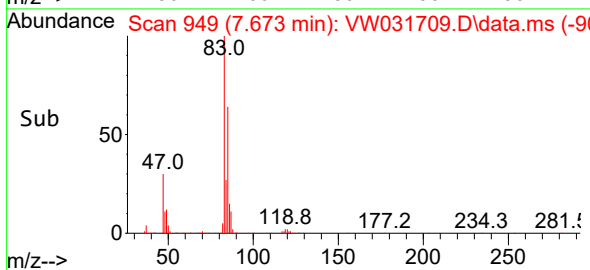
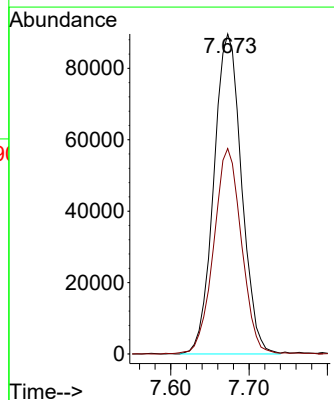
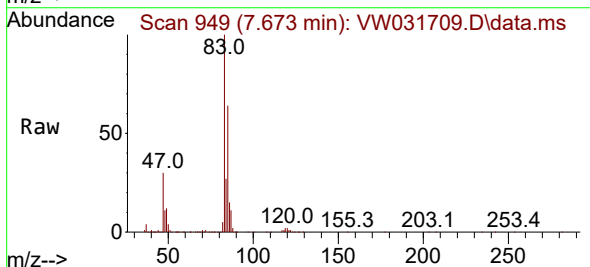
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

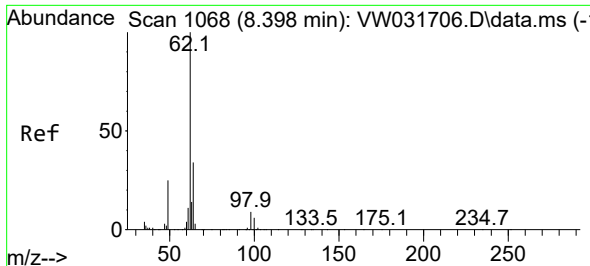
Tgt Ion:128 Resp: 39199
Ion Ratio Lower Upper
128 100
49 177.0 125.1 232.3
130 129.5 83.9 155.7
51 52.5 43.0 64.6



#25
Chloroform
Concen: 23.47 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 83 Resp: 220781
Ion Ratio Lower Upper
83 100
85 64.2 43.2 80.2

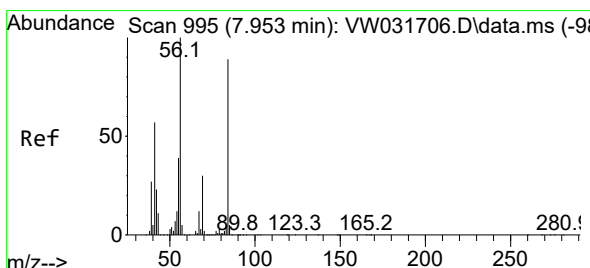
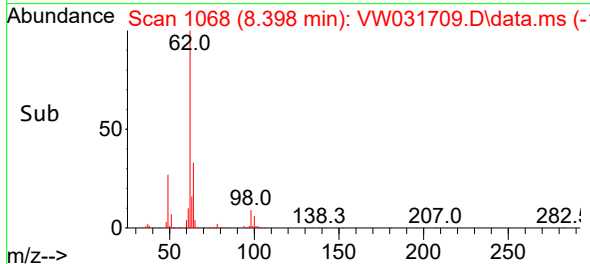
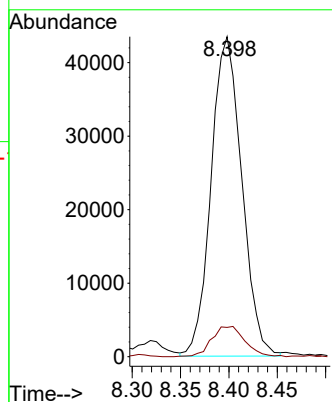
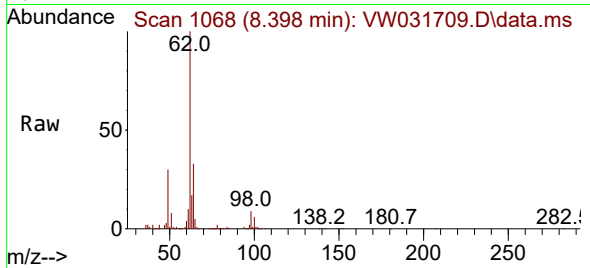




#27
1,2-Dichloroethane
Concen: 21.98 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

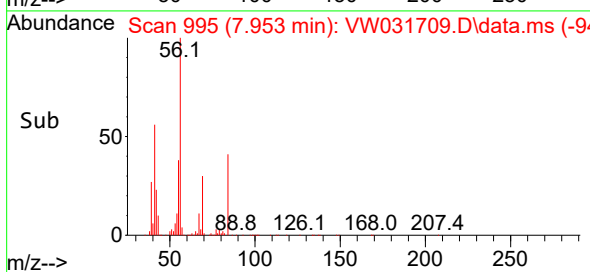
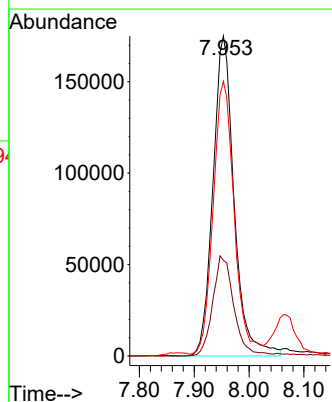
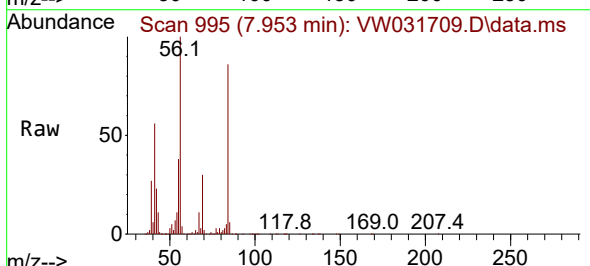
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

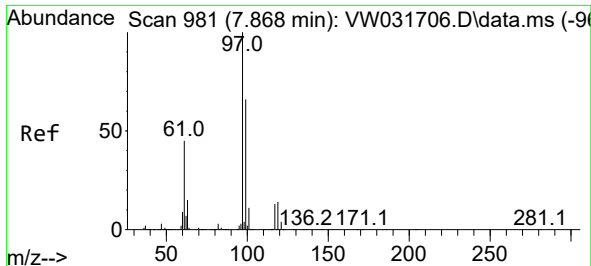
Tgt Ion: 62 Resp: 95821
Ion Ratio Lower Upper
62 100
98 9.1 8.0 12.0



#29
Cyclohexane
Concen: 25.44 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 56 Resp: 469006
Ion Ratio Lower Upper
56 100
69 31.2 24.9 37.3
84 82.7 68.2 102.4





#30

1,1,1-Trichloroethane

Concen: 25.85 ug/L

RT: 7.868 min Scan# 90

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

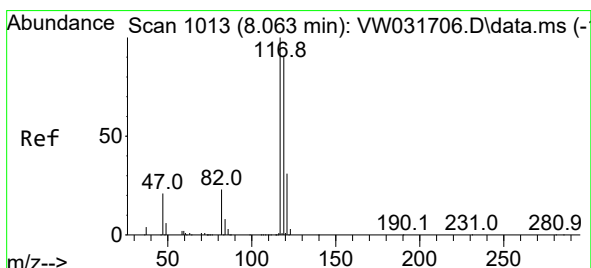
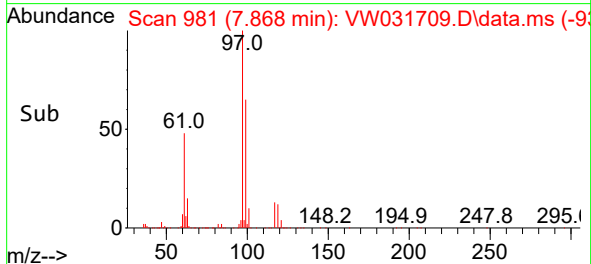
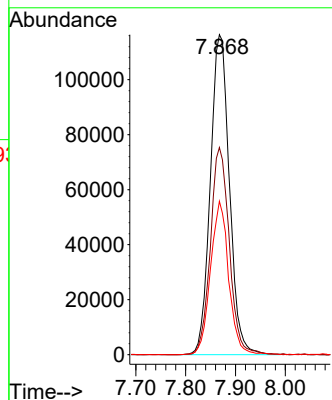
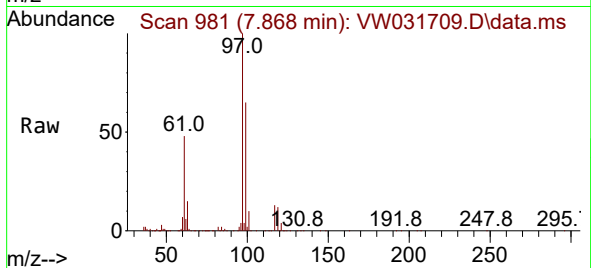
Tgt Ion: 97 Resp: 309312

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 45.6 36.4 54.6



#31

Carbon tetrachloride

Concen: 25.67 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.000 min

Lab File: VW031709.D

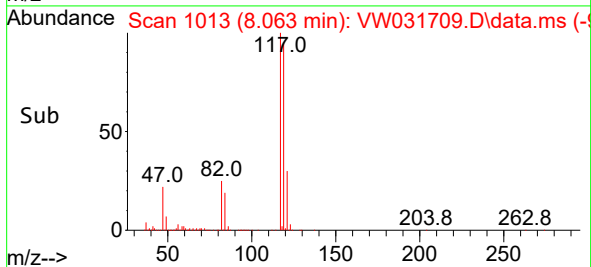
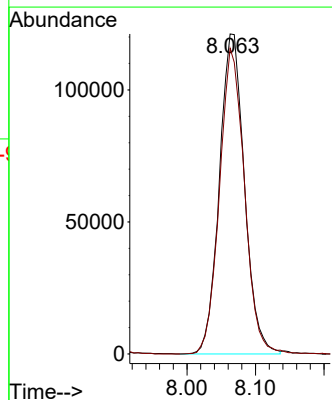
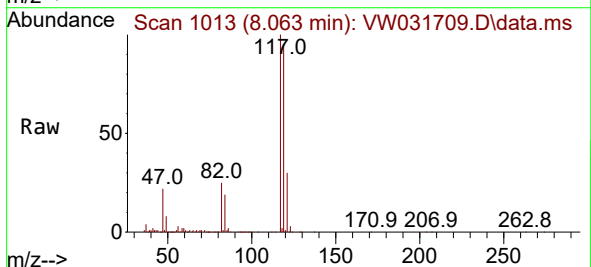
Acq: 22 May 2025 11:24

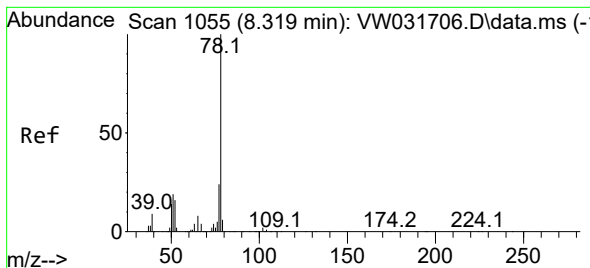
Tgt Ion: 117 Resp: 307286

Ion Ratio Lower Upper

117 100

119 95.0 76.5 114.7





#33

Benzene

Concen: 25.13 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

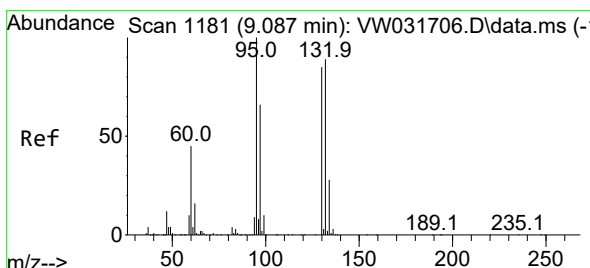
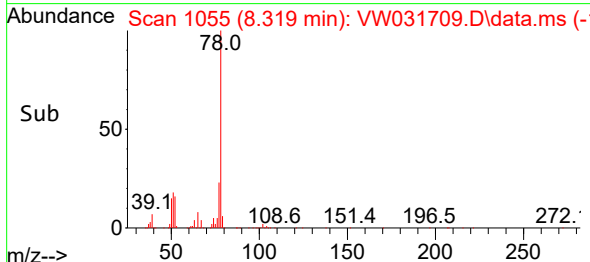
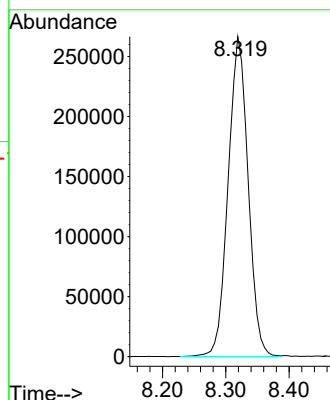
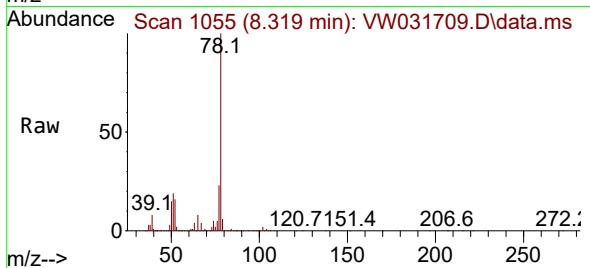
Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

Tgt Ion: 78 Resp: 585219



#34

Trichloroethene

Concen: 24.62 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

Tgt Ion: 95 Resp: 188271

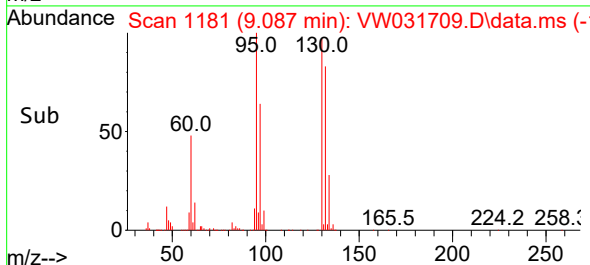
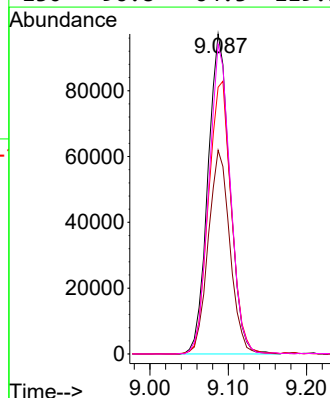
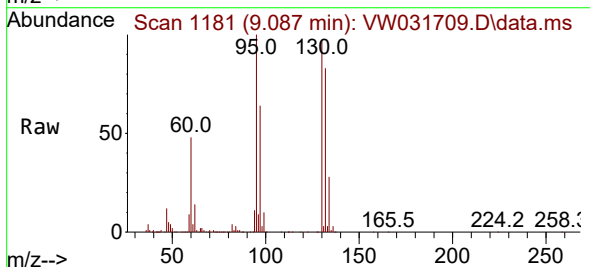
Ion Ratio Lower Upper

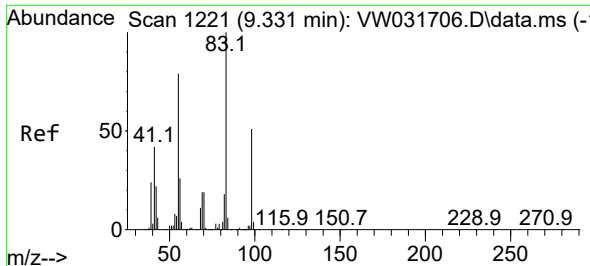
95 100

97 63.6 46.0 85.4

132 83.4 63.8 118.4

130 96.8 64.3 119.3

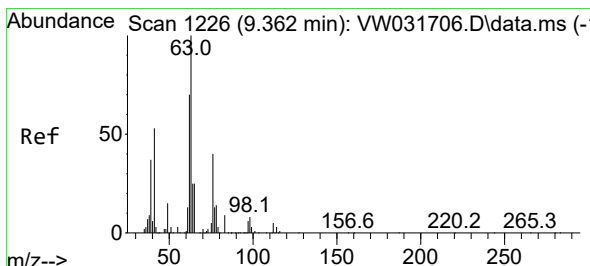
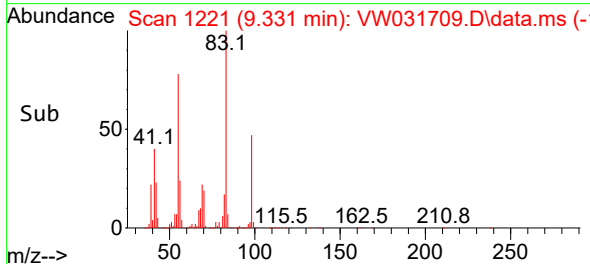
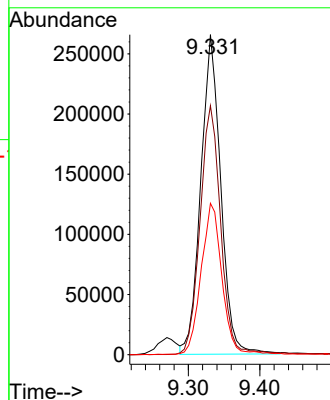
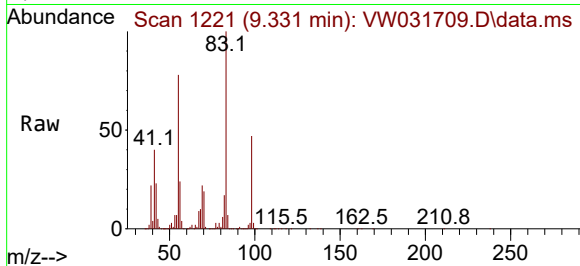




#35
Methylcyclohexane
Concen: 25.55 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

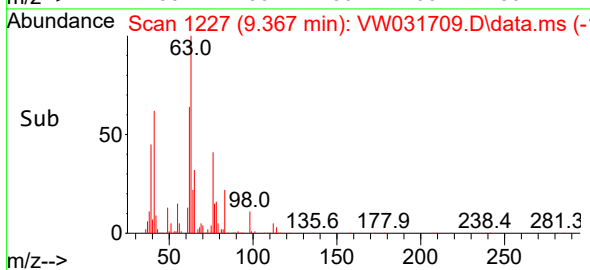
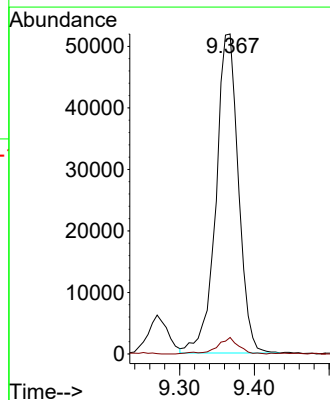
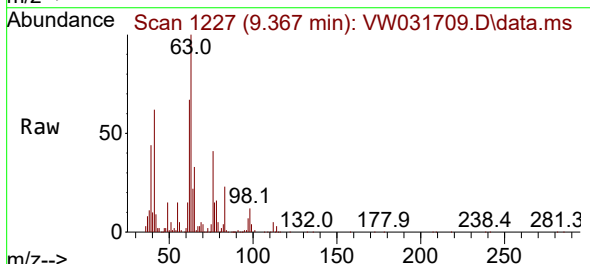
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

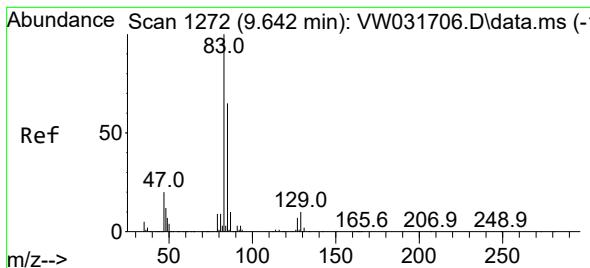
Tgt Ion: 83 Resp: 515591
Ion Ratio Lower Upper
83 100
55 80.1 63.1 94.7
98 48.4 37.6 56.4



#37
1,2-Dichloropropane
Concen: 23.97 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 63 Resp: 108351
Ion Ratio Lower Upper
63 100
112 4.6 4.0 6.0





#38

Bromodichloromethane

Concen: 23.56 ug/L

RT: 9.642 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

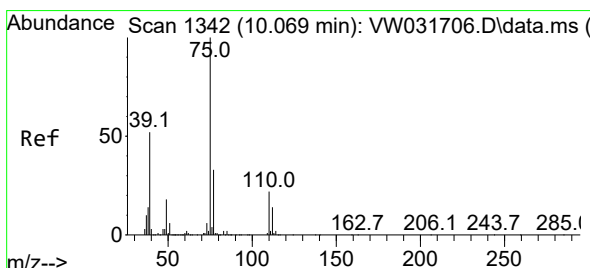
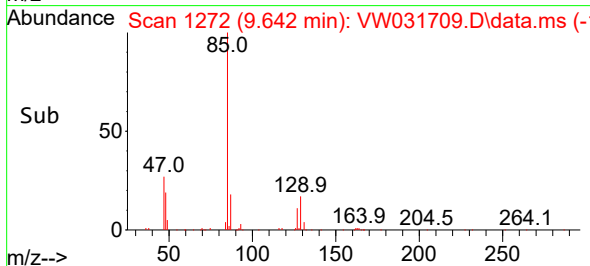
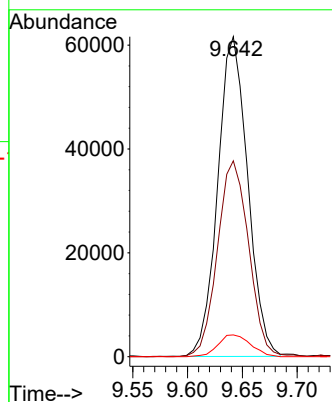
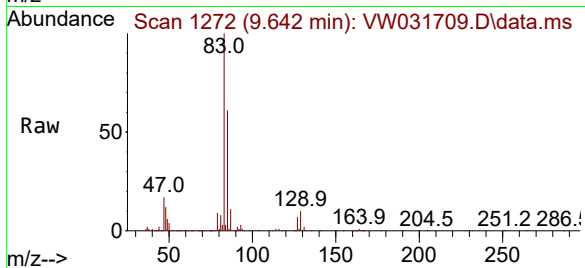
Tgt Ion: 83 Resp: 117142

Ion Ratio Lower Upper

83 100

85 61.2 44.0 81.8

127 6.8 5.8 8.6



#39

cis-1,3-Dichloropropene

Concen: 23.34 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW031709.D

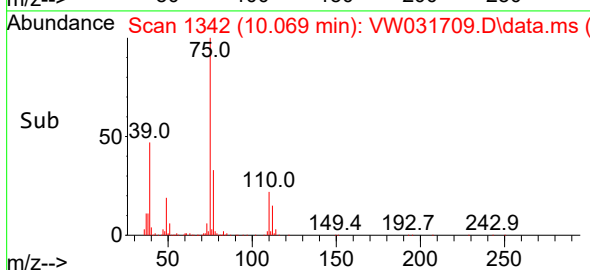
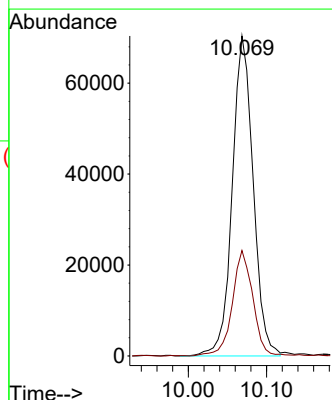
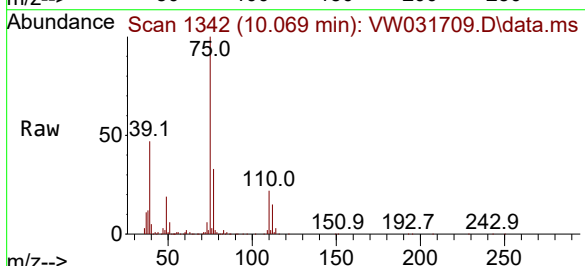
Acq: 22 May 2025 11:24

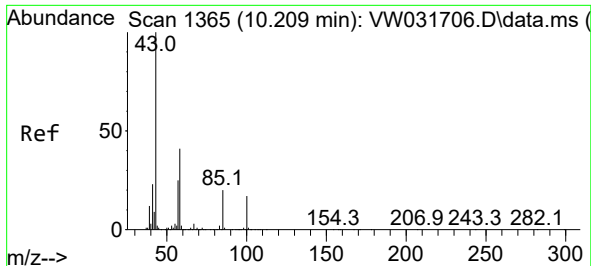
Tgt Ion: 75 Resp: 130548

Ion Ratio Lower Upper

75 100

77 33.0 20.7 38.5

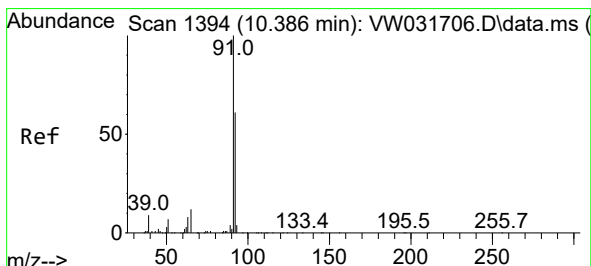
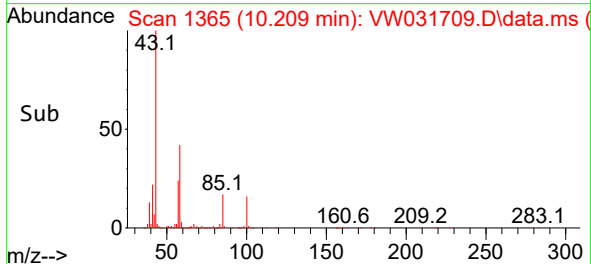
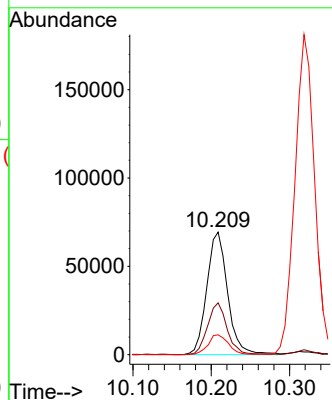
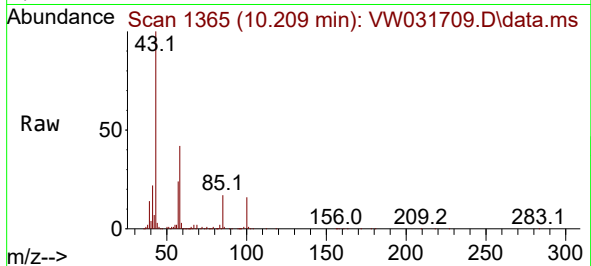




#40
4-Methyl-2-pentanone
Concen: 46.31 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

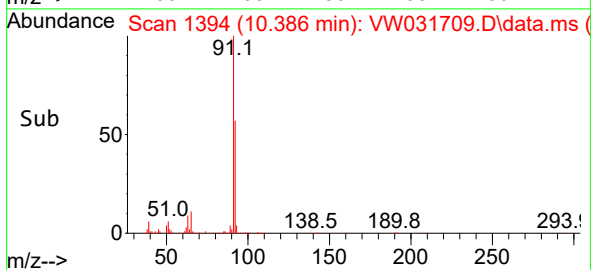
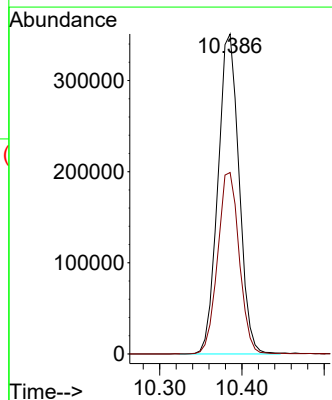
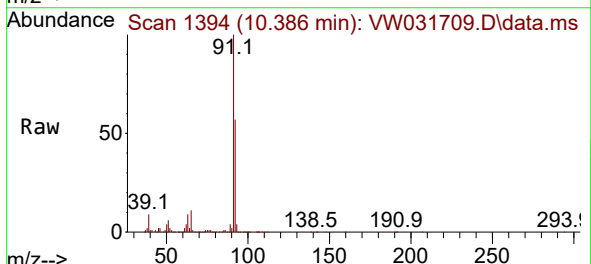
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

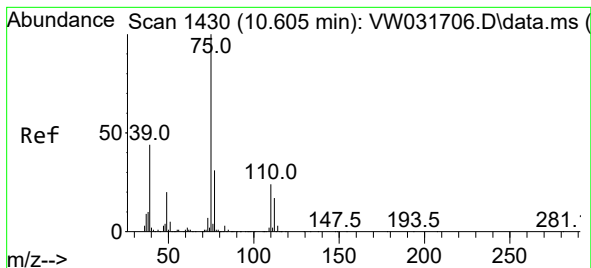
Tgt Ion: 43 Resp: 128187
Ion Ratio Lower Upper
43 100
58 39.7 31.0 46.6
100 16.1 11.9 17.9



#42
Toluene
Concen: 25.26 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 91 Resp: 624788
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.8

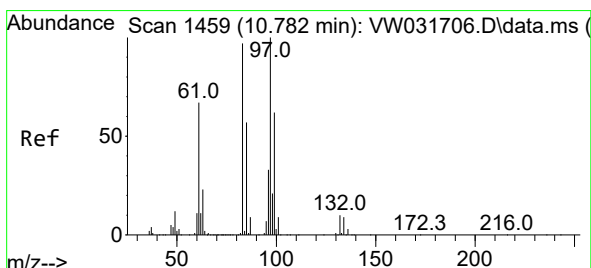
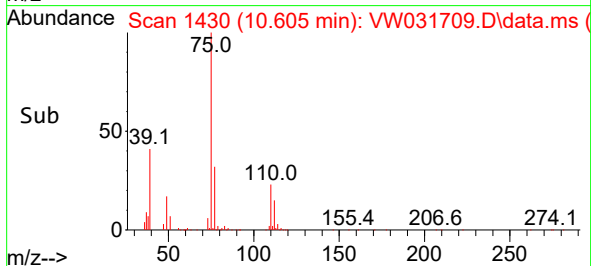
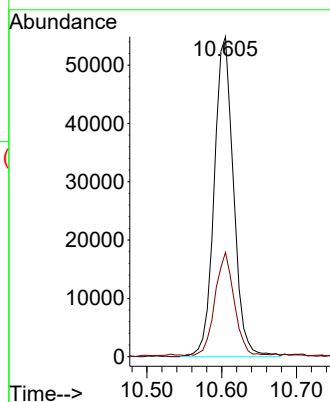
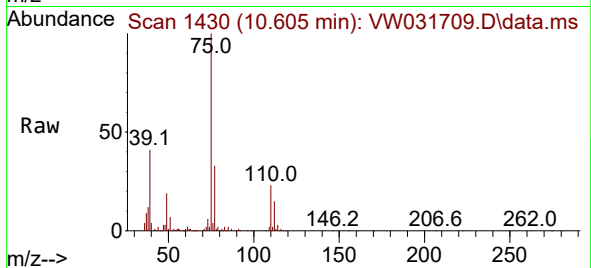




#44
trans-1,3-Dichloropropene
Concen: 23.56 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

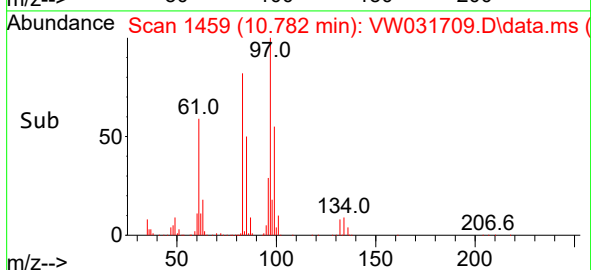
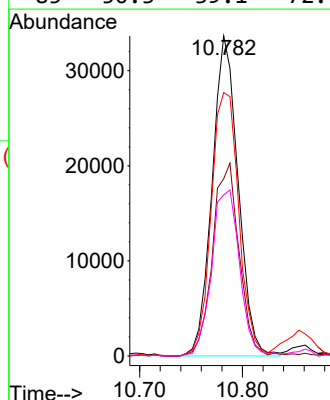
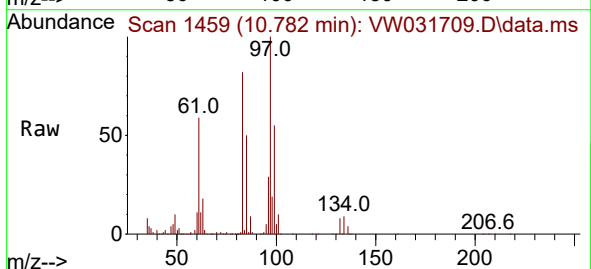
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

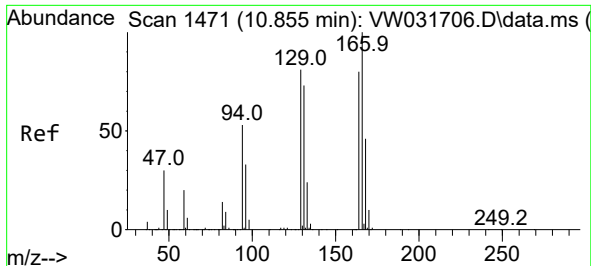
Tgt Ion: 75 Resp: 98812
Ion Ratio Lower Upper
75 100
77 32.6 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 22.98 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 97 Resp: 59263
Ion Ratio Lower Upper
97 100
99 55.4 42.6 79.2
83 82.3 55.7 103.5
85 50.3 39.1 72.7

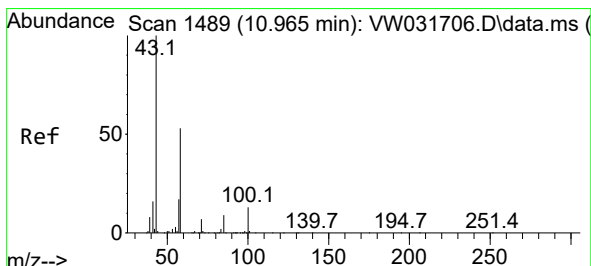
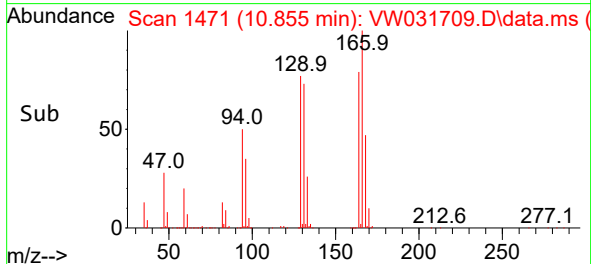
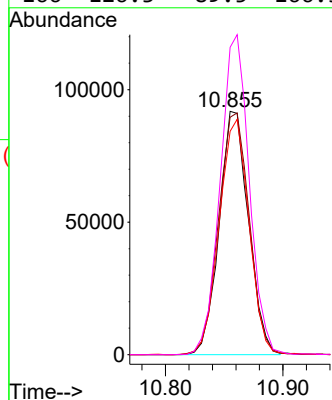
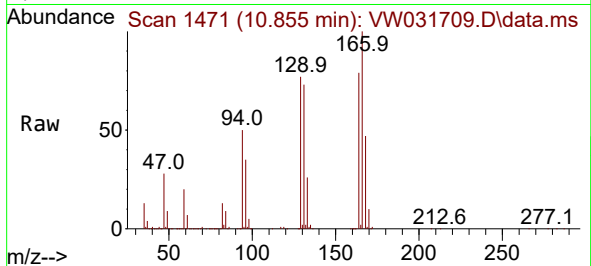




#46
Tetrachloroethene
Concen: 24.89 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

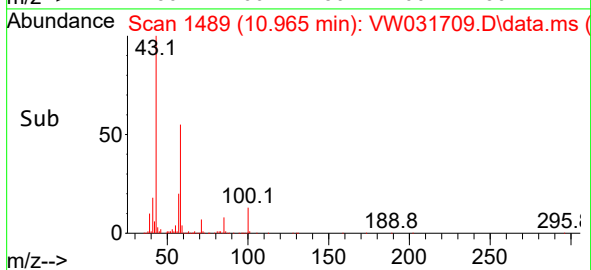
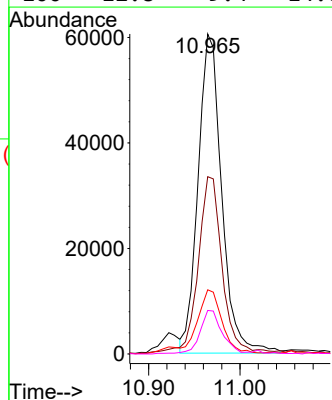
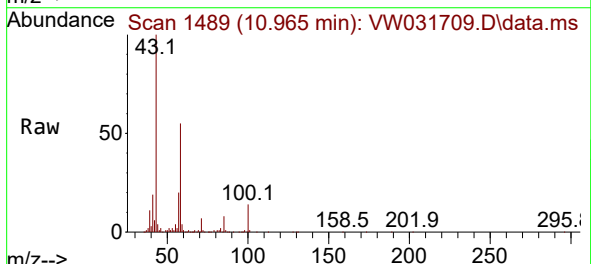
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

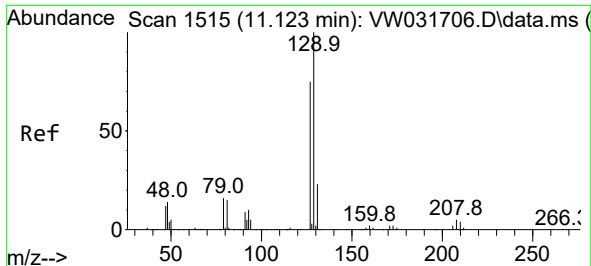
Tgt Ion:164 Resp: 159309
Ion Ratio Lower Upper
164 100
129 97.6 72.2 134.0
131 91.8 66.6 123.8
166 126.3 89.5 166.3



#48
2-Hexanone
Concen: 49.49 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 43 Resp: 108786
Ion Ratio Lower Upper
43 100
58 56.0 43.6 65.4
57 20.5 15.4 23.0
100 12.8 9.4 14.0

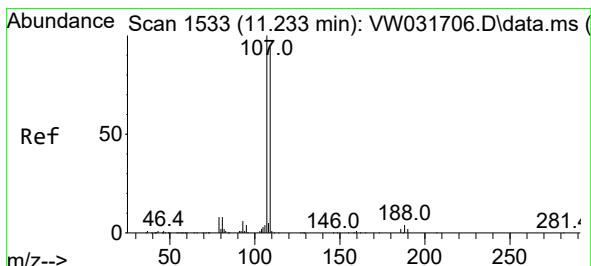
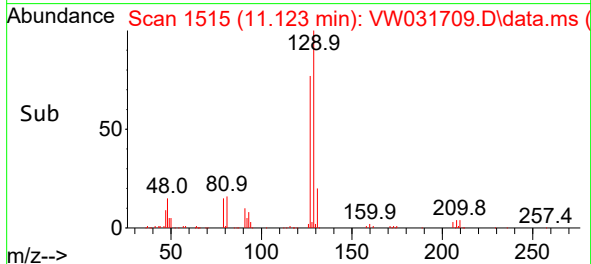
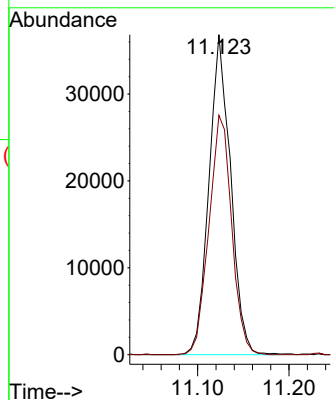
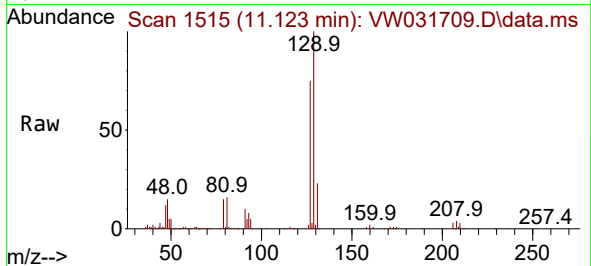




#49
Dibromochloromethane
Concen: 23.17 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

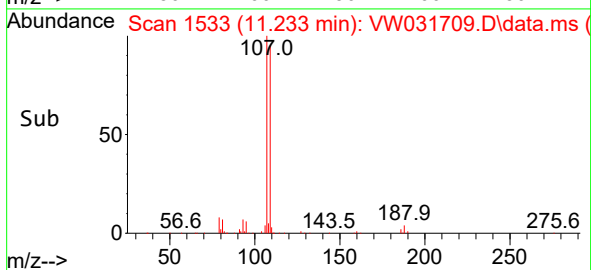
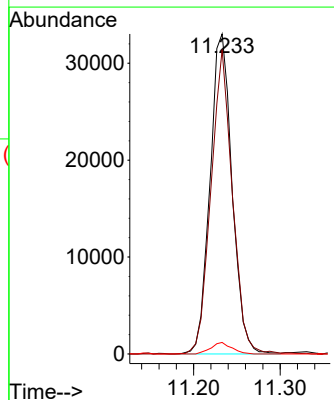
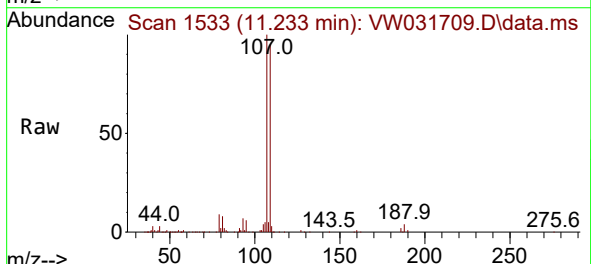
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

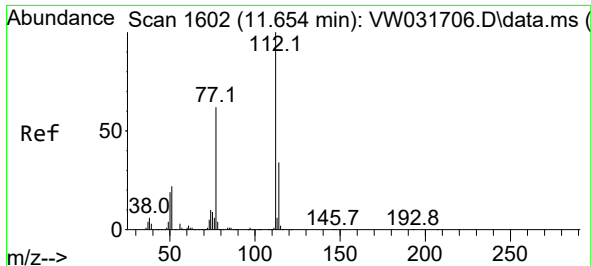
Tgt Ion:129 Resp: 60335
Ion Ratio Lower Upper
129 100
127 74.8 59.7 110.9



#50
1,2-Dibromoethane
Concen: 24.11 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion:107 Resp: 58434
Ion Ratio Lower Upper
107 100
109 95.1 65.0 120.8
188 3.6 2.2 3.2#

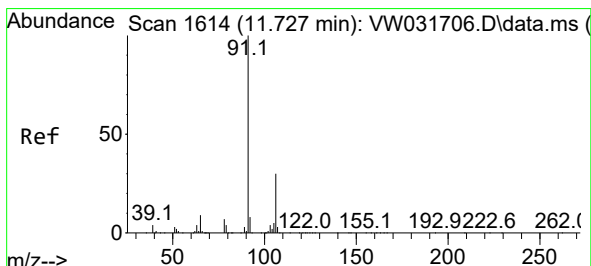
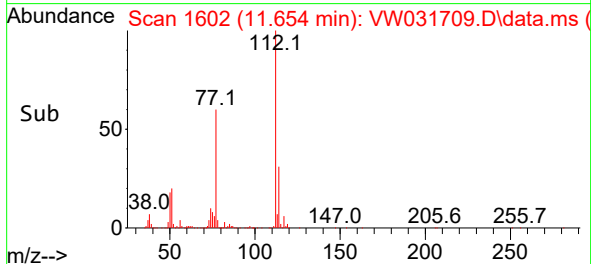
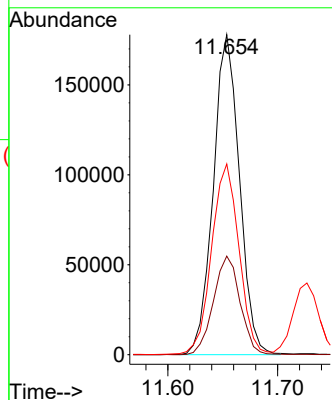
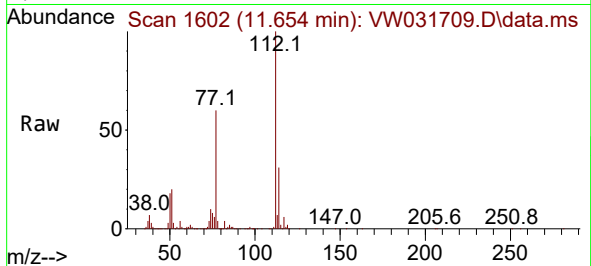




#51
Chlorobenzene
Concen: 23.96 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

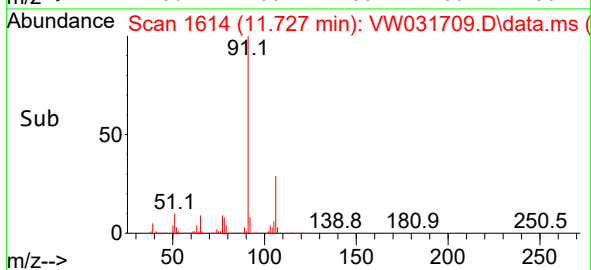
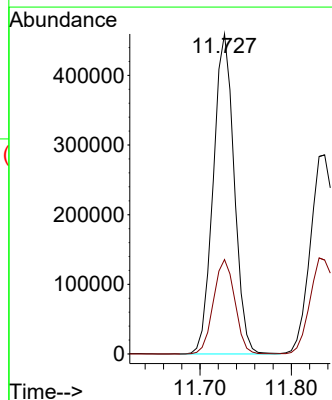
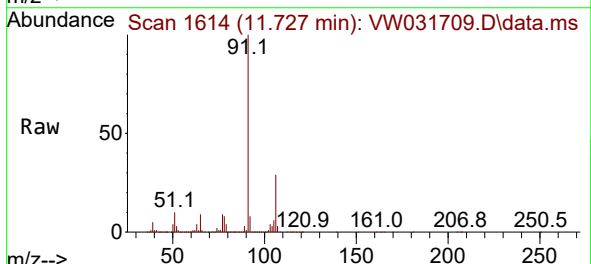
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

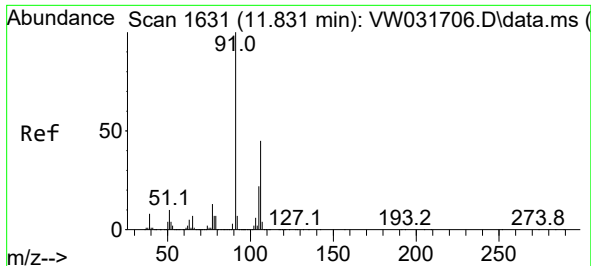
Tgt Ion:112 Resp: 295335
Ion Ratio Lower Upper
112 100
114 30.8 22.6 42.0
77 59.6 50.3 75.5



#52
Ethylbenzene
Concen: 24.59 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 91 Resp: 731274
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.6

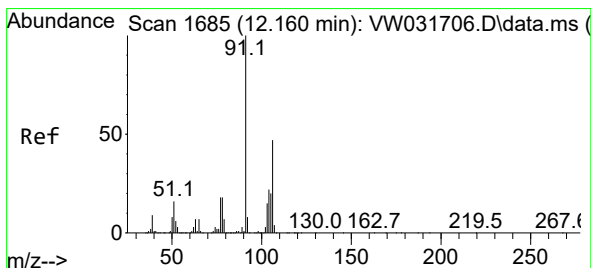
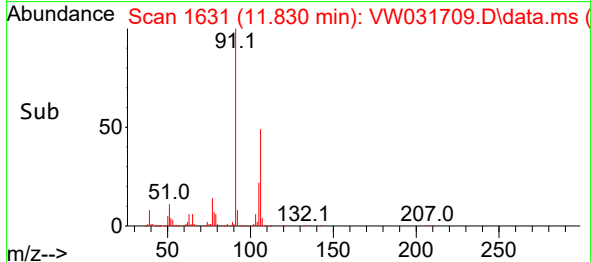
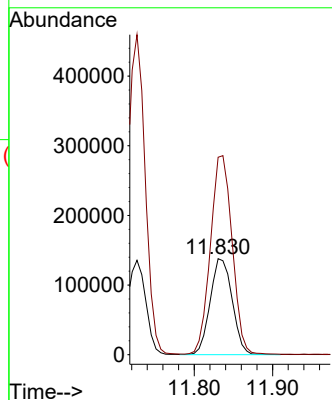
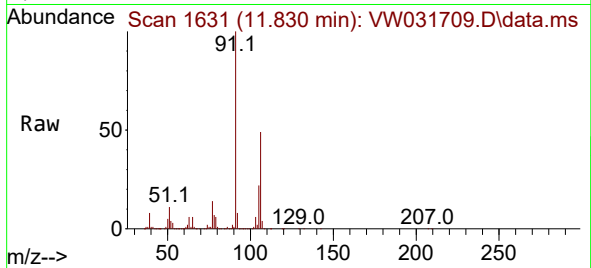




#53
m,p-Xylene
Concen: 25.15 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

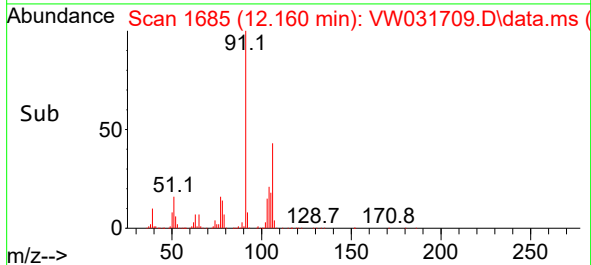
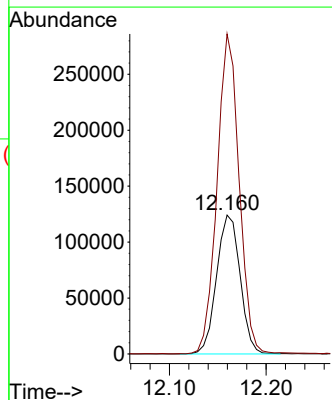
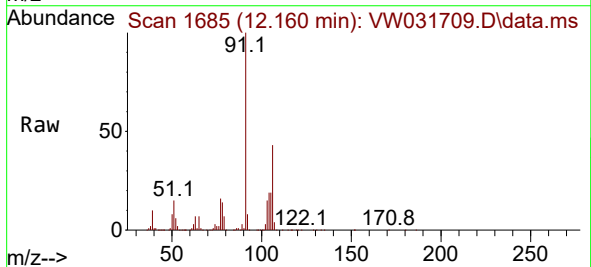
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

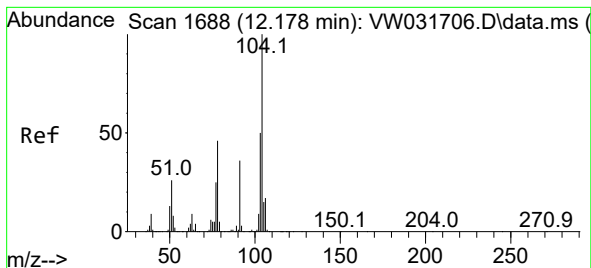
Tgt Ion:106 Resp: 269204
Ion Ratio Lower Upper
106 100
91 205.7 138.9 257.9



#54
o-Xylene
Concen: 24.87 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion:106 Resp: 209485
Ion Ratio Lower Upper
106 100
91 230.4 147.4 273.8





#55

Styrene

Concen: 24.50 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

Instrument :

MSVOA_W

ClientSampleId :

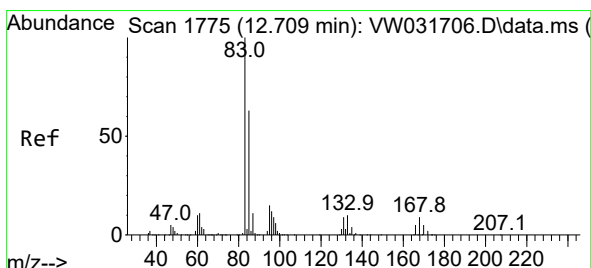
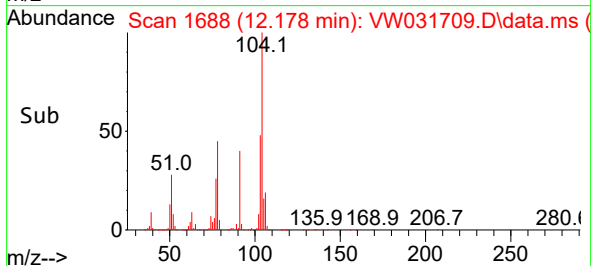
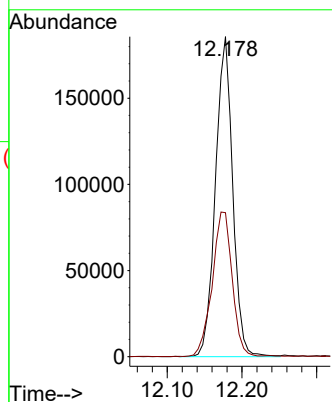
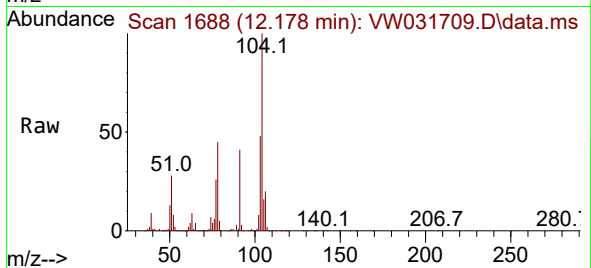
VSTD025500

Tgt Ion:104 Resp: 297518

Ion Ratio Lower Upper

104 100

78 45.0 32.1 59.5



#57

1,1,2,2-Tetrachloroethane

Concen: 22.59 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

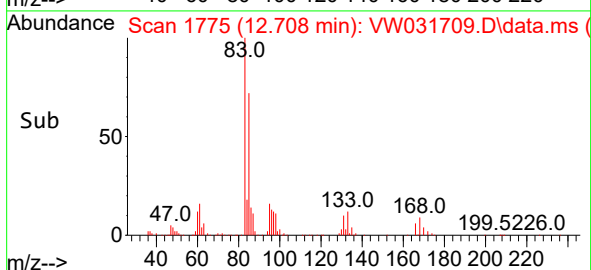
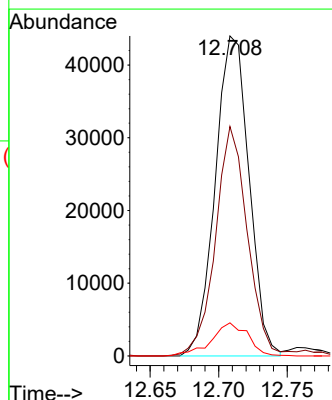
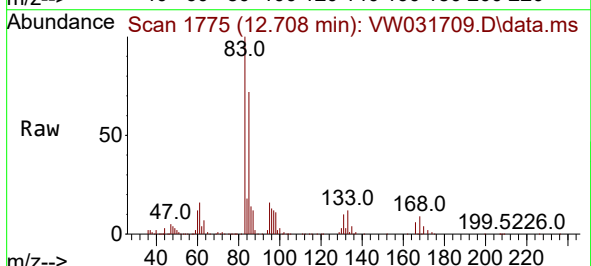
Tgt Ion: 83 Resp: 75546

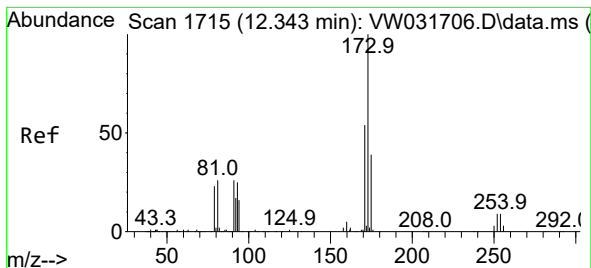
Ion Ratio Lower Upper

83 100

85 71.7 44.2 82.2

131 10.3 7.4 11.2





#59

Bromoform

Concen: 25.50 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

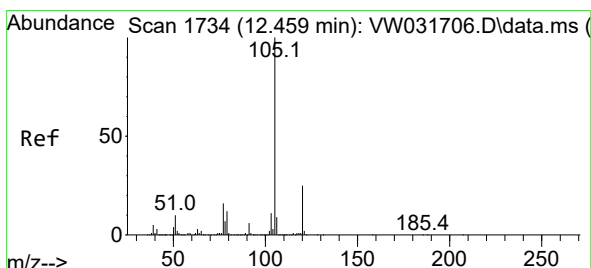
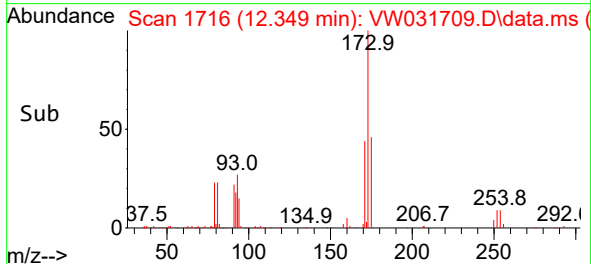
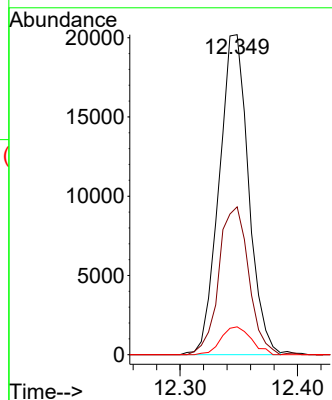
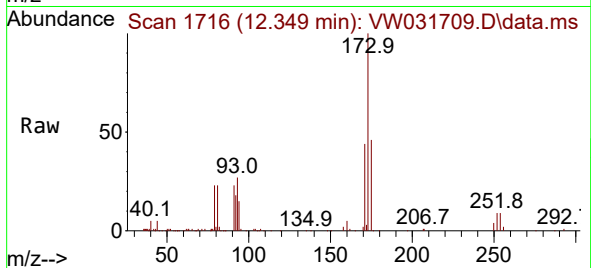
Tgt Ion:173 Resp: 35192

Ion Ratio Lower Upper

173 100

175 46.9 38.1 57.1

254 8.9 5.5 8.3#



#60

Isopropylbenzene

Concen: 25.99 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

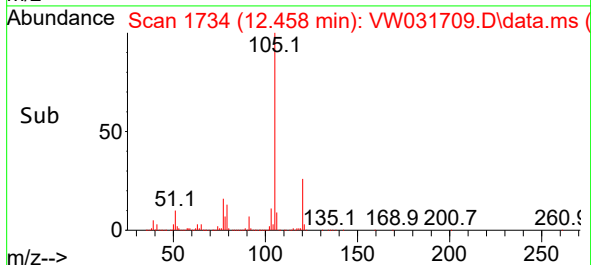
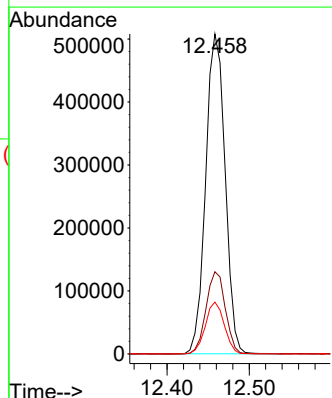
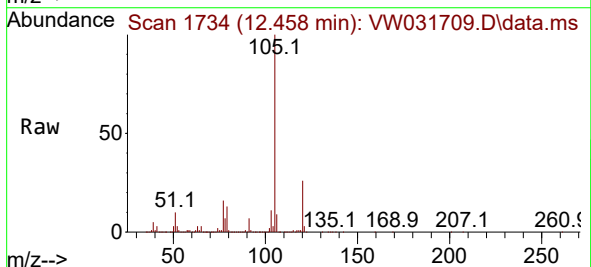
Tgt Ion:105 Resp: 831853

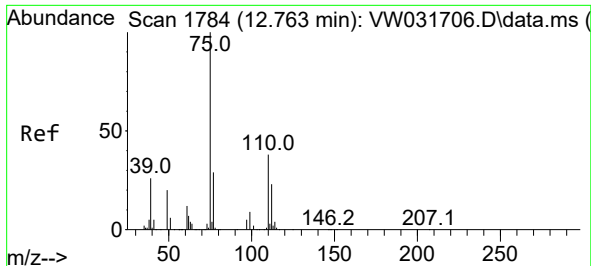
Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1

77 15.8 13.3 19.9

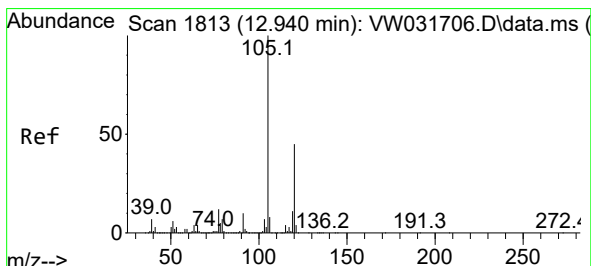
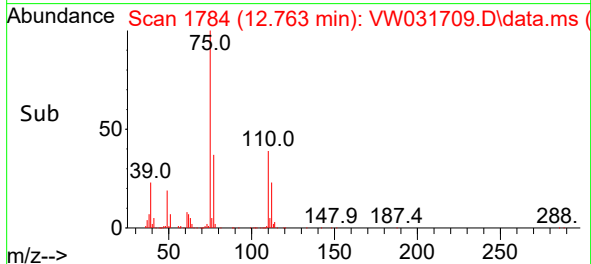
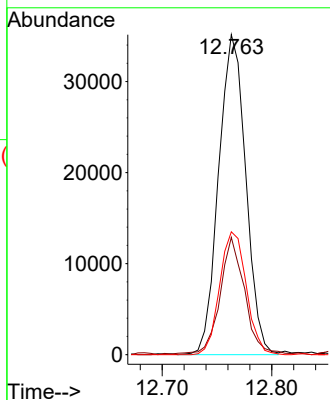
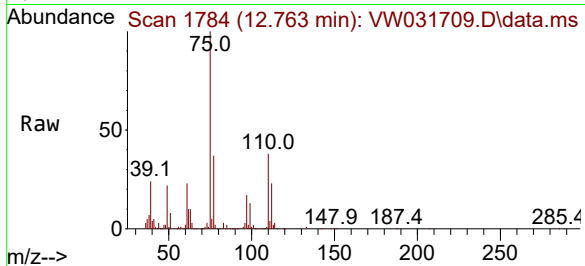




#61
1,2,3-Trichloropropane
Concen: 23.57 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

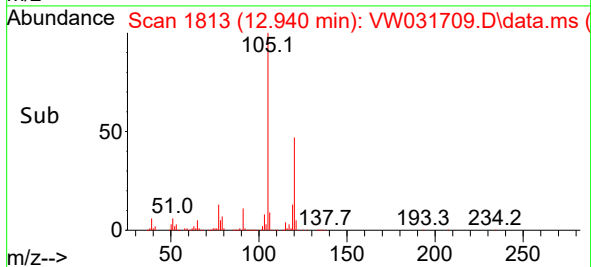
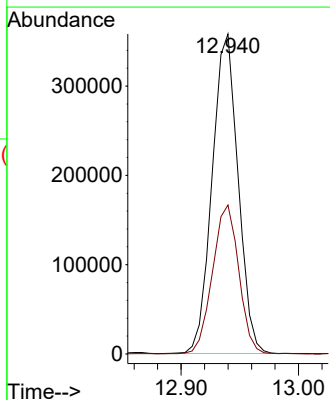
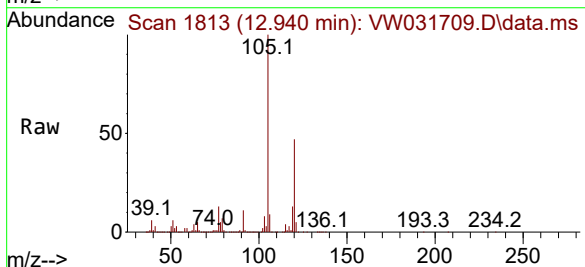
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

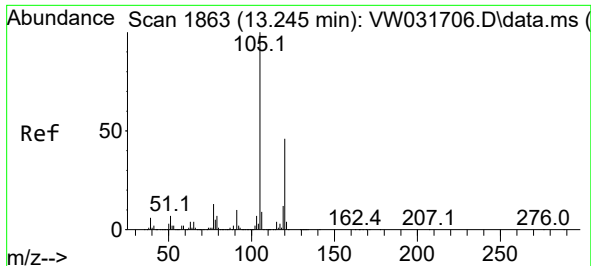
Tgt Ion: 75 Resp: 60375
Ion Ratio Lower Upper
75 100
77 32.7 28.4 42.6
110 37.7 30.9 46.3



#62
1,3,5-Trimethylbenzene
Concen: 25.04 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion: 105 Resp: 548519
Ion Ratio Lower Upper
105 100
120 47.4 38.2 57.2

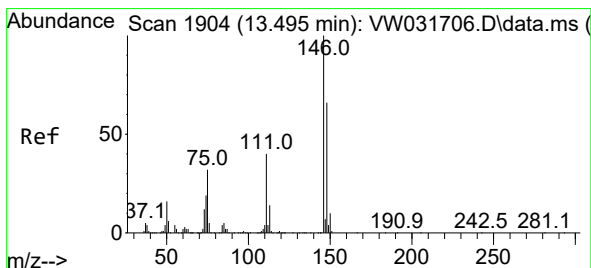
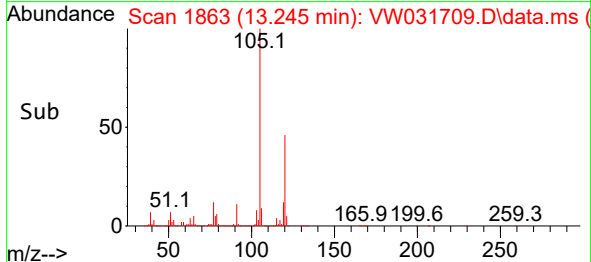
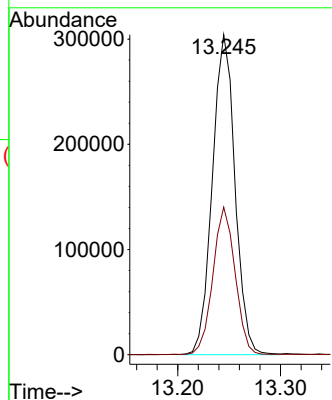
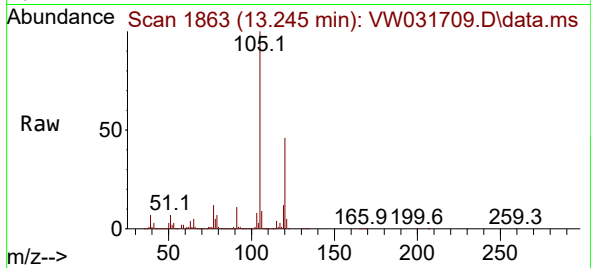




#63
1,2,4-Trimethylbenzene
Concen: 24.97 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

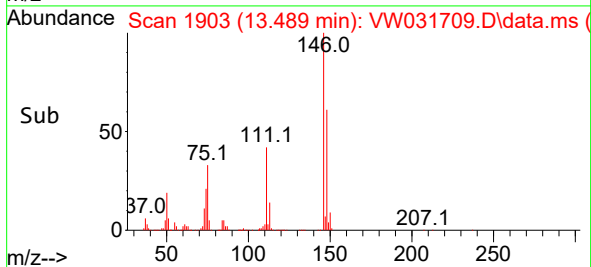
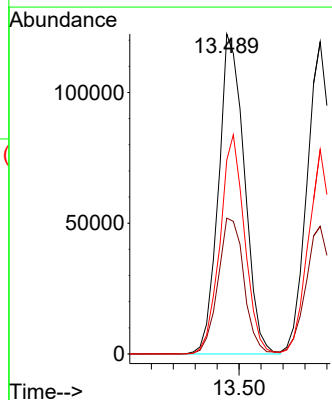
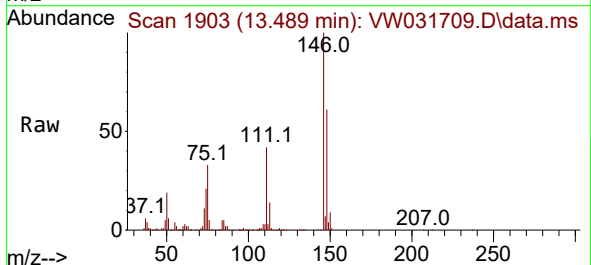
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

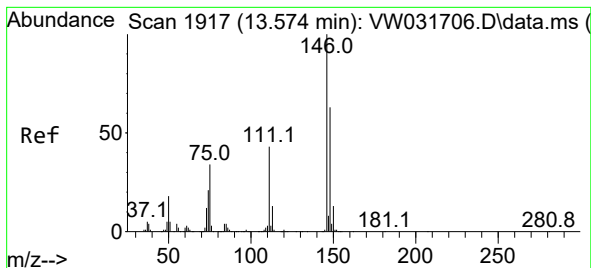
Tgt Ion:105 Resp: 465299
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 23.73 ug/L
RT: 13.489 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion:146 Resp: 200448
Ion Ratio Lower Upper
146 100
111 42.4 29.5 54.9
148 60.6 45.7 84.9

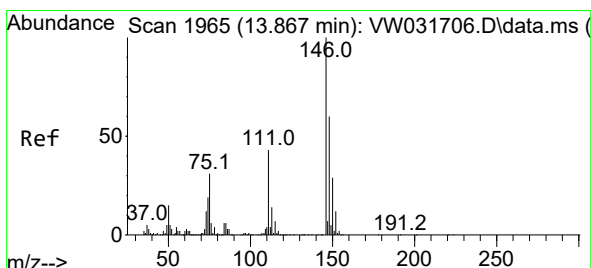
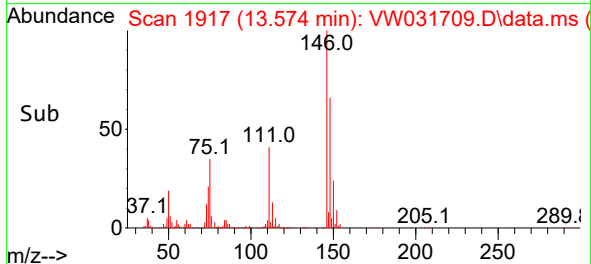
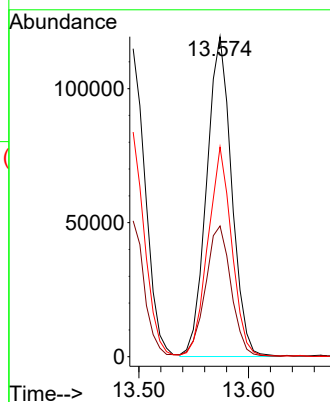
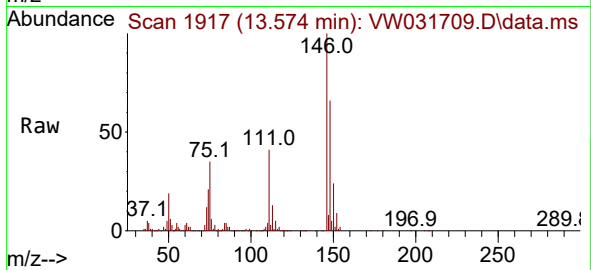




#65
1,4-Dichlorobenzene
Concen: 24.03 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

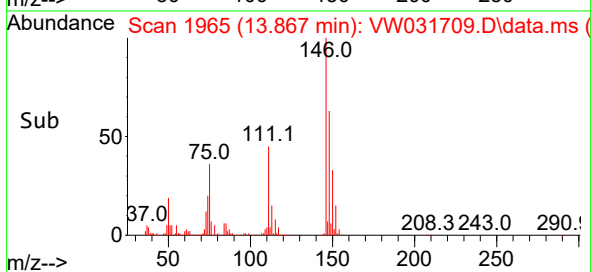
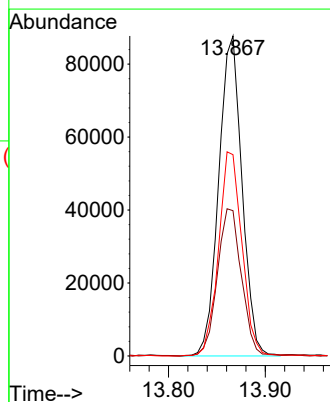
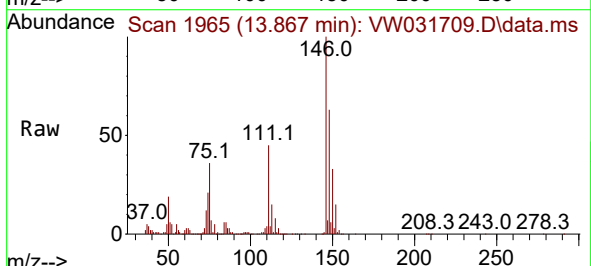
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

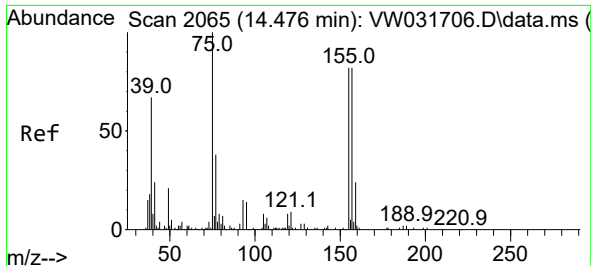
Tgt Ion:146 Resp: 189259
Ion Ratio Lower Upper
146 100
111 40.9 27.6 51.2
148 65.5 40.6 75.4



#67
1,2-Dichlorobenzene
Concen: 22.82 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion:146 Resp: 146567
Ion Ratio Lower Upper
146 100
111 45.4 34.2 51.4
148 62.9 43.5 65.3





#68

1,2-Dibromo-3-chloropropane

Concen: 21.80 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

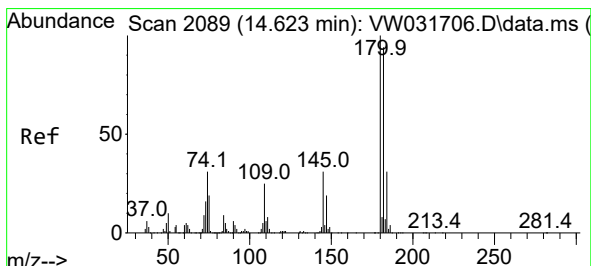
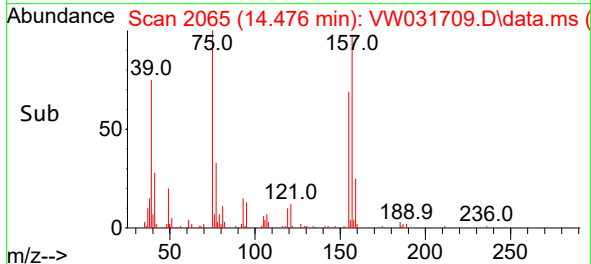
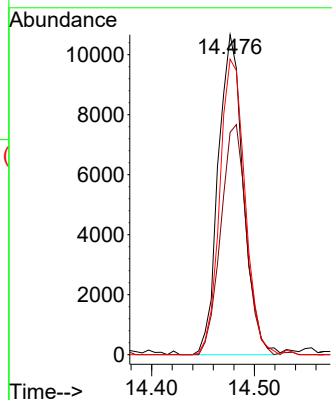
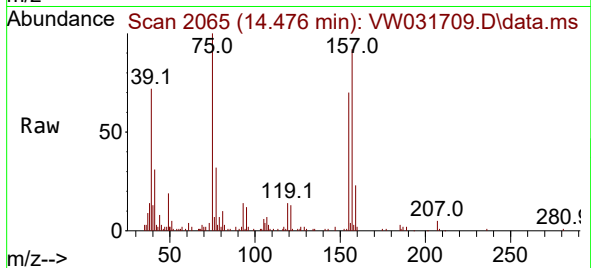
Tgt Ion: 75 Resp: 18023

Ion Ratio Lower Upper

75 100

155 69.5 51.6 77.4

157 92.4 74.6 111.8



#69

1,3,5-Trichlorobenzene

Concen: 23.79 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031709.D

Acq: 22 May 2025 11:24

Tgt Ion:180 Resp: 138493

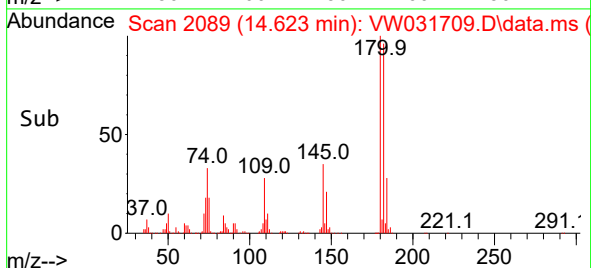
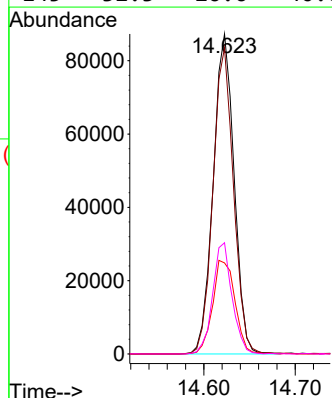
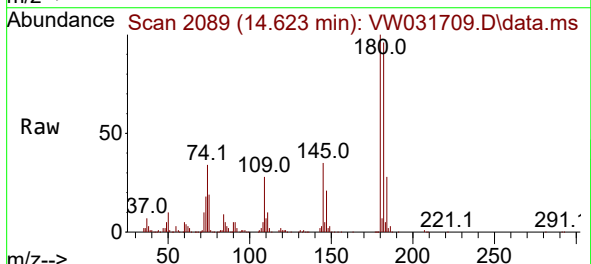
Ion Ratio Lower Upper

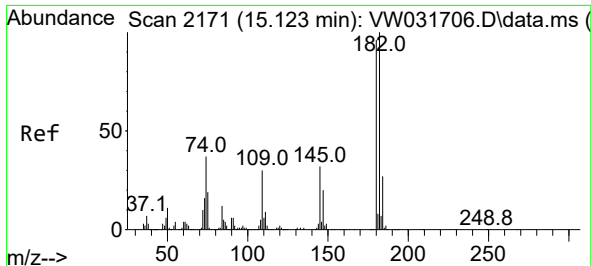
180 100

182 93.8 75.5 113.3

184 31.3 23.7 35.5

145 32.3 26.6 40.0

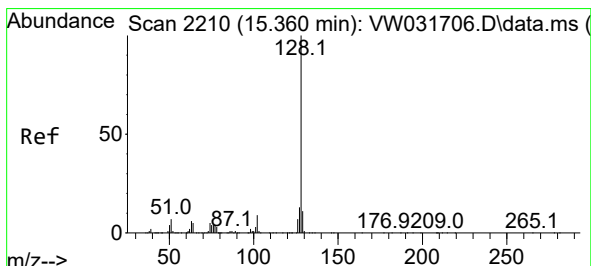
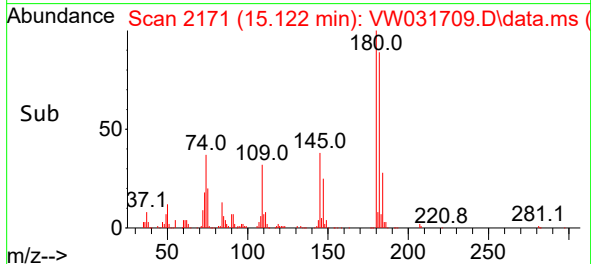
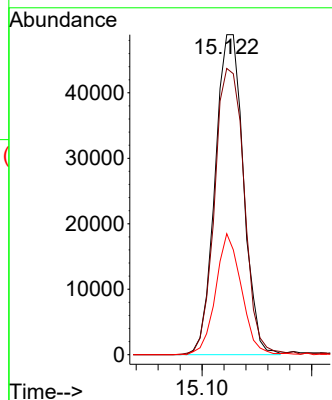
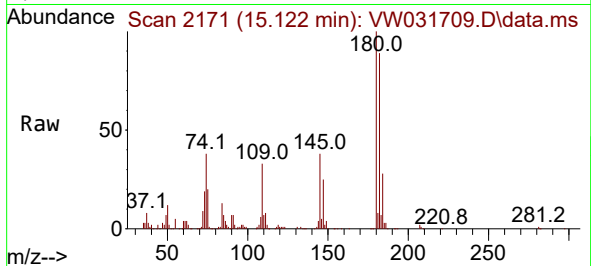




#70
1,2,4-trichlorobenzene
Concen: 22.28 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

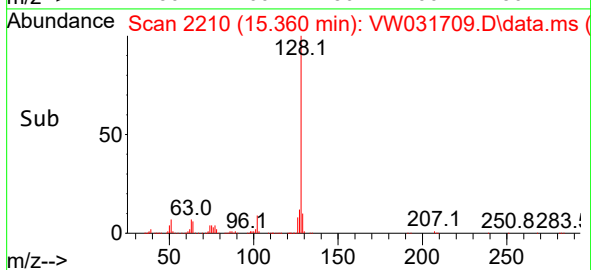
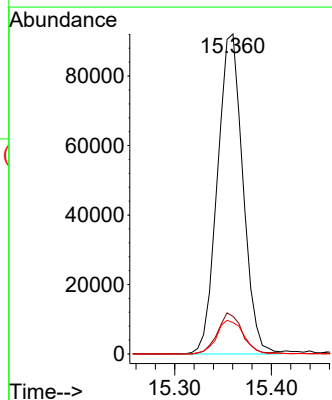
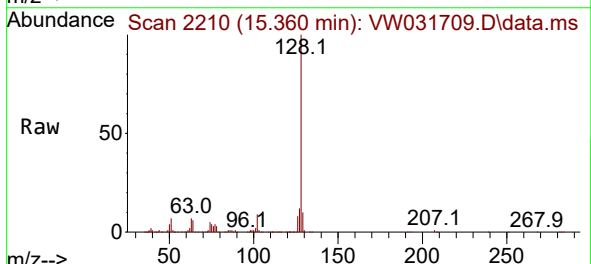
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

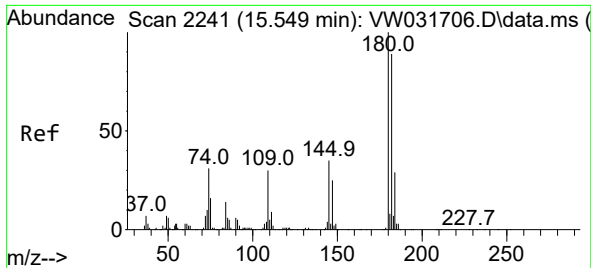
Tgt Ion:180 Resp: 87888
Ion Ratio Lower Upper
180 100
182 93.2 75.7 113.5
145 34.3 26.7 40.1



#71
Naphthalene
Concen: 22.03 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031709.D
Acq: 22 May 2025 11:24

Tgt Ion:128 Resp: 168516
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 11.1 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 24.42 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031709.D
 Acq: 22 May 2025 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.6	77.3	115.9
145	34.5	28.6	43.0

