

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050925\
 Data File : VW031704.D
 Acq On : 09 May 2025 15:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: May 19 12:42:14 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	8.843	114	379392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274887	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116834	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	227778	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
7) Chloroethane-d5	2.899	69	138938	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.32%
11) 1,1-Dichloroethene-d2	4.021	65	81916	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.76%
21) 2-Butanone-d5	7.100	46	105492	56.50	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.00%
24) Chloroform-d	7.648	84	225703	25.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	8.307	65	85183	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	8.276	84	512870	24.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.24%
36) 1,2-Dichloropropane-d6	9.276	67	114894	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	10.319	98	450848	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
43) trans-1,3-Dichloroprop...	10.575	79	38512	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.04%
47) 2-Hexanone-d5	10.922	63	51295	50.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.16%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82949	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
66) 1,2-Dichlorobenzene-d4	13.849	152	91845	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	146567	19.48	ug/L	# 86
3) Chloromethane	2.216	50	135984	22.71	ug/L	99
5) Vinyl chloride	2.375	62	209676	23.29	ug/L	98
6) Bromomethane	2.783	94	92253	25.29	ug/L	90
8) Chloroethane	2.930	64	107157	24.96	ug/L	99
9) Trichlorofluoromethane	3.259	101	158946	22.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	206329	22.04	ug/L	96
12) 1,1-Dichloroethene	4.045	96	167219	22.49	ug/L	94
13) Acetone	4.161	43	98337	73.16	ug/L	99
14) Carbon disulfide	4.393	76	537107	23.57	ug/L	100
15) Methyl Acetate	4.686	43	67930	28.00	ug/L	# 62
16) Methylene chloride	4.929	84	98362	25.54	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	157261	24.84	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	116741	26.02	ug/L	# 86
19) 1,1-Dichloroethane	6.222	63	252810	25.72	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	127051	26.14	ug/L	99
22) 2-Butanone	7.185	43	108978	55.86	ug/L	99
23) Bromochloromethane	7.514	128	42056	26.69	ug/L	96
25) Chloroform	7.673	83	222062	26.29	ug/L	93

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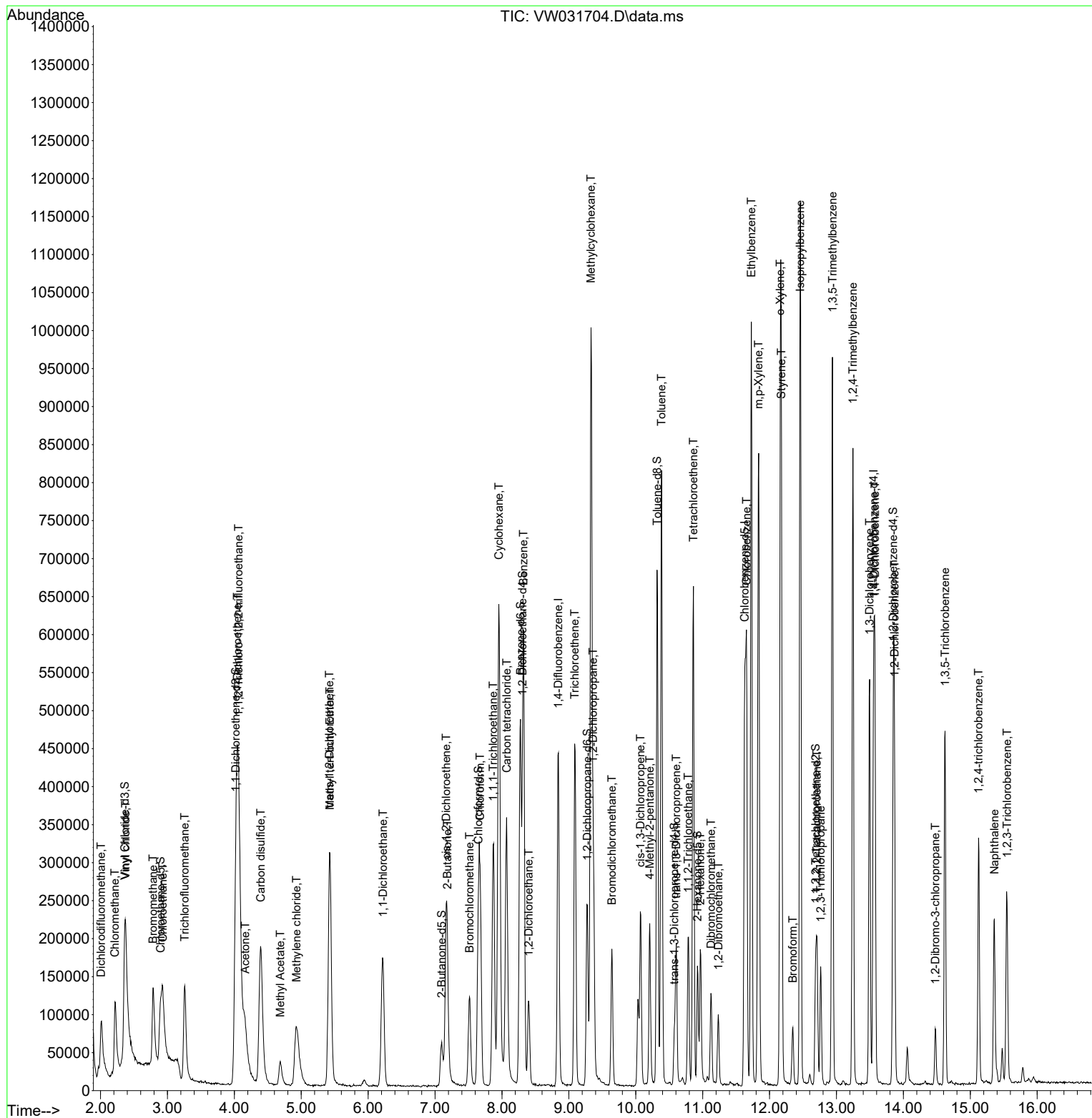
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	104024	26.58	ug/L	99
29) Cyclohexane	7.953	56	363748	20.45	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	262977	22.78	ug/L	100
31) Carbon tetrachloride	8.069	117	263934	22.85	ug/L	98
33) Benzene	8.319	78	565130	25.15	ug/L	100
34) Trichloroethene	9.087	95	170573	23.11	ug/L	97
35) Methylcyclohexane	9.331	83	381375	19.59	ug/L	94
37) 1,2-Dichloropropane	9.362	63	114203	26.18	ug/L	98
38) Bromodichloromethane	9.642	83	120602	25.14	ug/L #	93
39) cis-1,3-Dichloropropene	10.069	75	138369	25.63	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	139650	52.28	ug/L	98
42) Toluene	10.386	91	601694	25.20	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	104771	25.89	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	64630	25.97	ug/L	93
46) Tetrachloroethene	10.861	164	139614	22.60	ug/L	95
48) 2-Hexanone	10.965	43	117921	55.59	ug/L	99
49) Dibromochloromethane	11.123	129	63318	25.20	ug/L	97
50) 1,2-Dibromoethane	11.233	107	62284	26.63	ug/L	97
51) Chlorobenzene	11.654	112	301181	25.32	ug/L	94
52) Ethylbenzene	11.727	91	697841	24.31	ug/L	99
53) m,p-Xylene	11.837	106	264451	25.60	ug/L	100
54) o-Xylene	12.160	106	209387	25.76	ug/L	91
55) Styrene	12.178	104	314632	26.85	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	83022	25.73	ug/L	100
59) Bromoform	12.349	173	34237	24.68	ug/L #	98
60) Isopropylbenzene	12.459	105	751262	23.35	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	66829	25.95	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	517343	23.49	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	458640	24.48	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	217224	25.59	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	200703	25.35	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	166684	25.82	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.477	75	19281	23.20	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	138979	23.75	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	93804	23.66	ug/L	97
71) Naphthalene	15.360	128	191229	24.87	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84443	26.22	ug/L	98

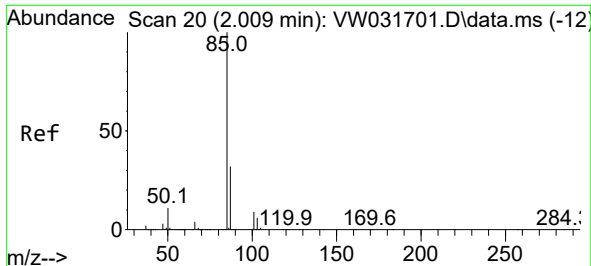
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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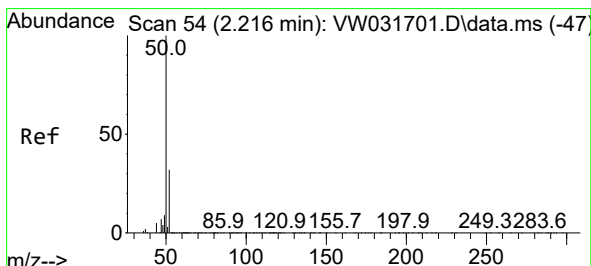
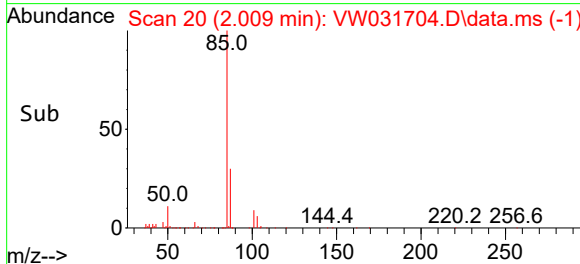
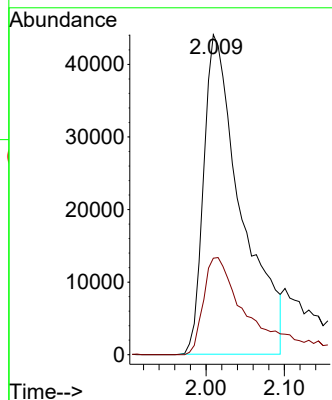
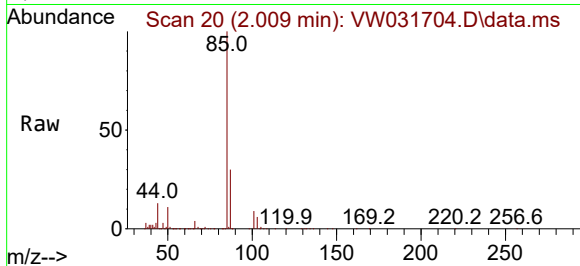




#2
 Dichlorodifluoromethane
 Concen: 19.48 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031704.D
 Acq: 09 May 2025 15:23

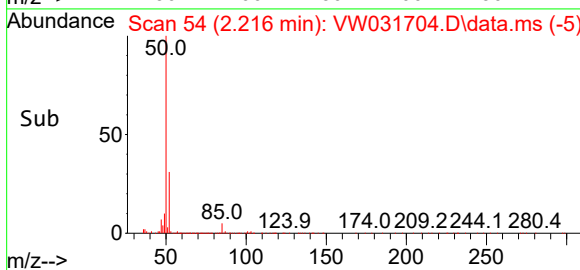
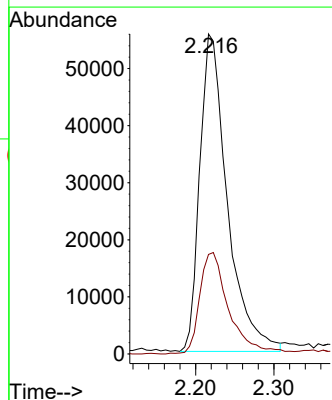
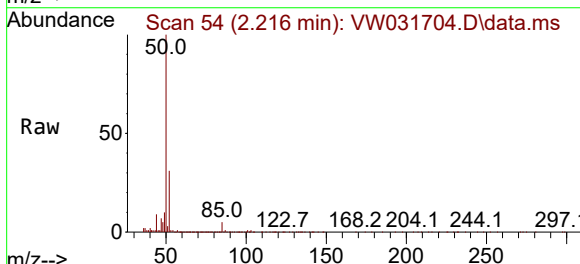
Instrument :
 MSVOA_W
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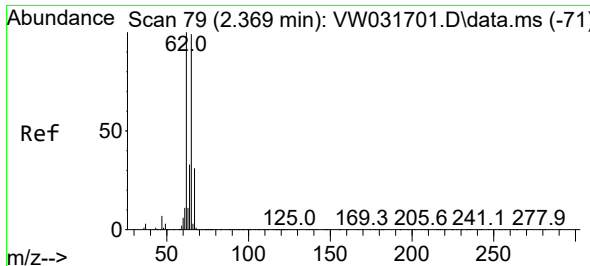
Tgt Ion: 85 Resp: 146567
 Ion Ratio Lower Upper
 85 100
 87 32.8 0.1 0.1#



#3
 Chloromethane
 Concen: 22.71 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031704.D
 Acq: 09 May 2025 15:23

Tgt Ion: 50 Resp: 135984
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.0 41.0

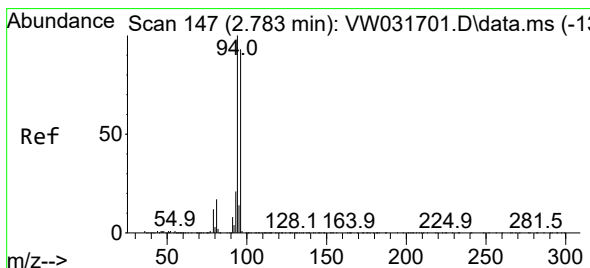
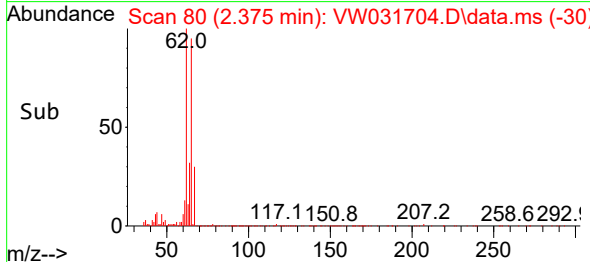
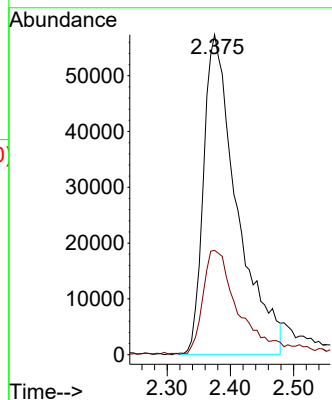
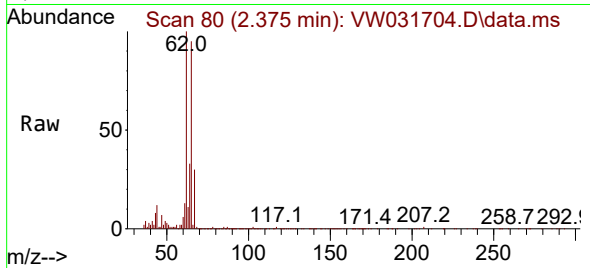




#5
 Vinyl chloride
 Concen: 23.29 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031704.D
 Acq: 09 May 2025 15:23

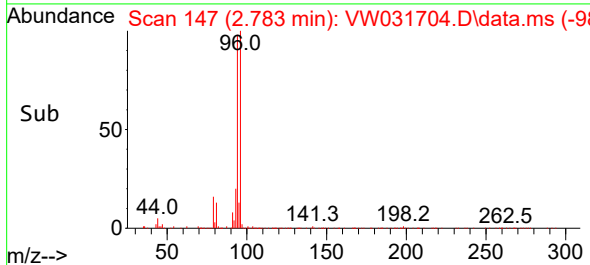
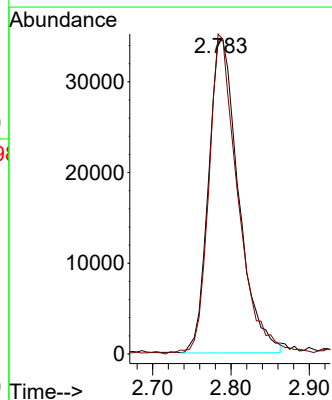
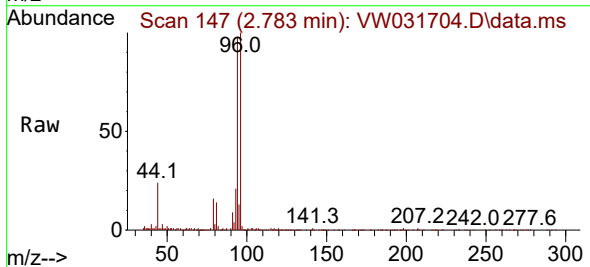
Instrument :
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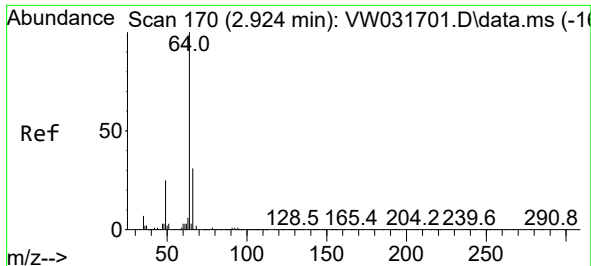
Tgt Ion: 62 Resp: 209676
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 43.9



#6
 Bromomethane
 Concen: 25.29 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031704.D
 Acq: 09 May 2025 15:23

Tgt Ion: 94 Resp: 92253
 Ion Ratio Lower Upper
 94 100
 96 101.8 64.3 119.3

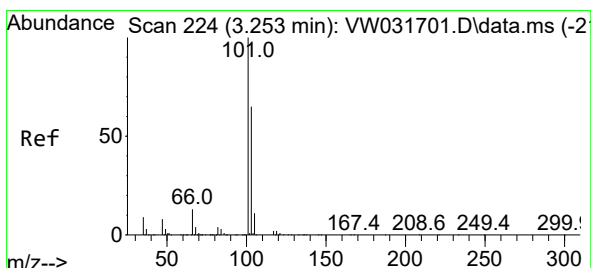
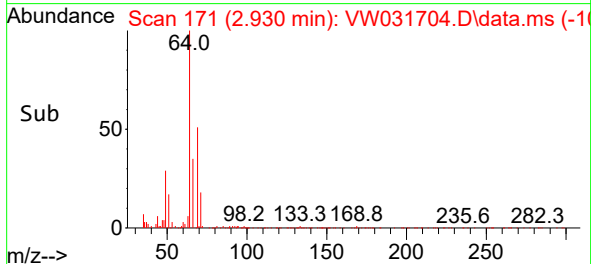
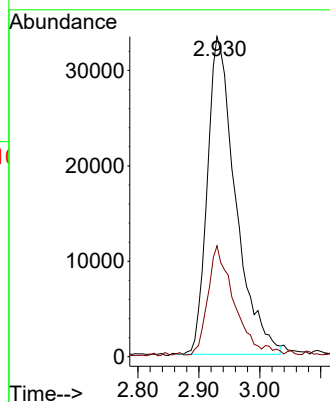
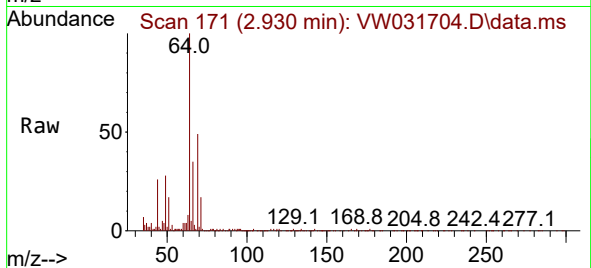




#8
Chloroethane
Concen: 24.96 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

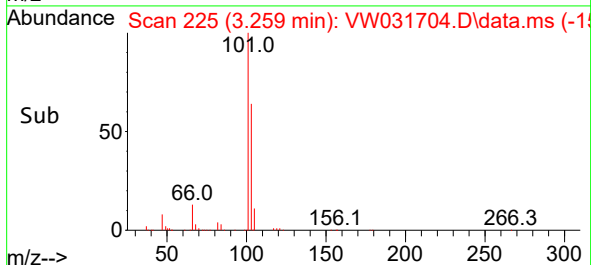
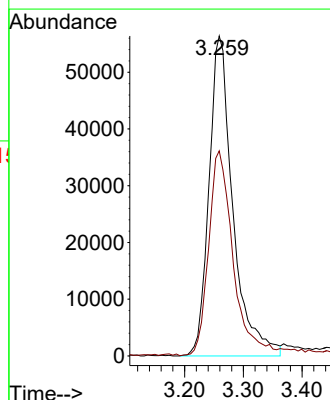
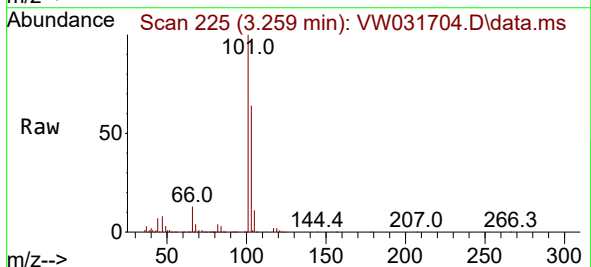
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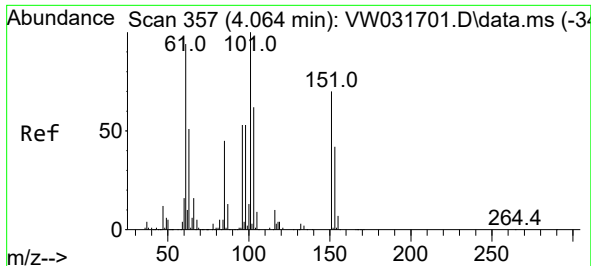
Tgt Ion: 64 Resp: 107157
Ion Ratio Lower Upper
64 100
66 34.6 23.9 44.5



#9
Trichlorofluoromethane
Concen: 22.57 ug/L
RT: 3.259 min Scan# 225
Delta R.T. 0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 101 Resp: 158946
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

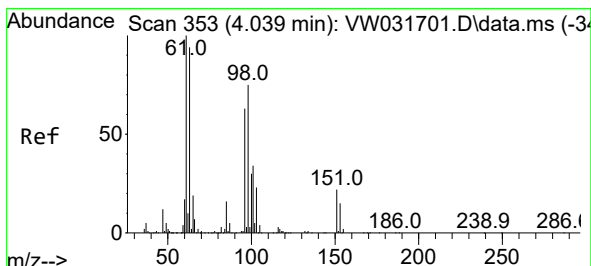
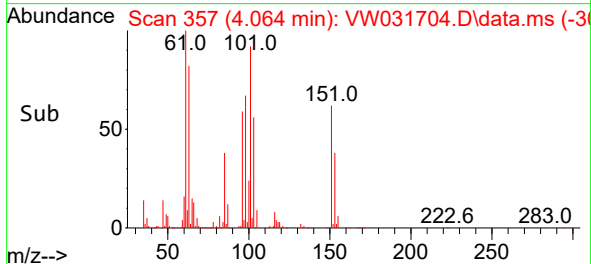
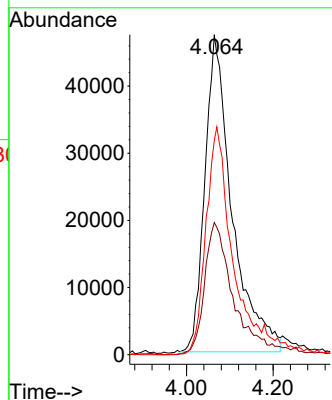
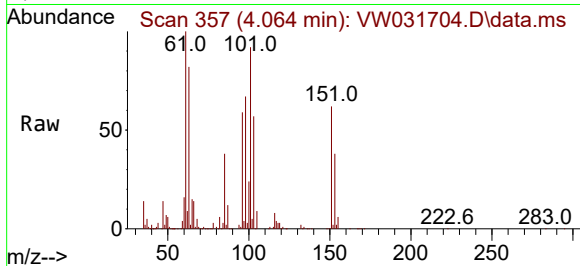




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.04 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. 0.000 min
 Lab File: VW031704.D
 Acq: 09 May 2025 15:23

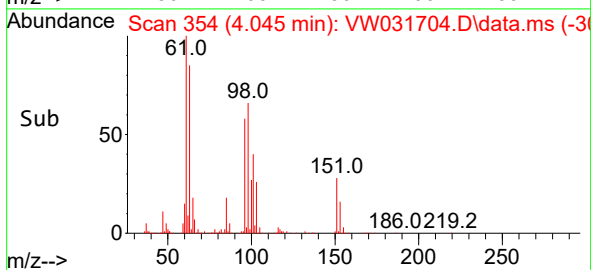
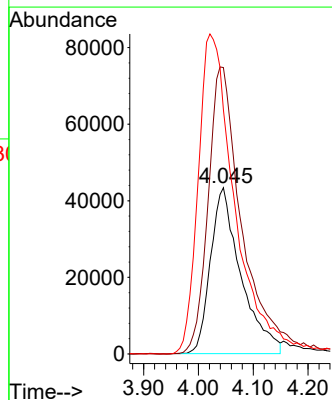
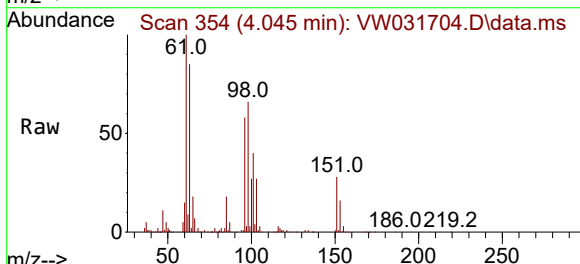
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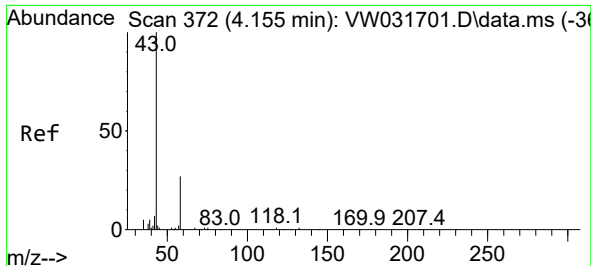
Tgt Ion:101 Resp: 206329
 Ion Ratio Lower Upper
 101 100
 85 35.0 31.8 47.6
 151 67.0 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 22.49 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW031704.D
 Acq: 09 May 2025 15:23

Tgt Ion: 96 Resp: 167219
 Ion Ratio Lower Upper
 96 100
 61 172.2 124.5 231.1
 63 146.9 110.2 204.6

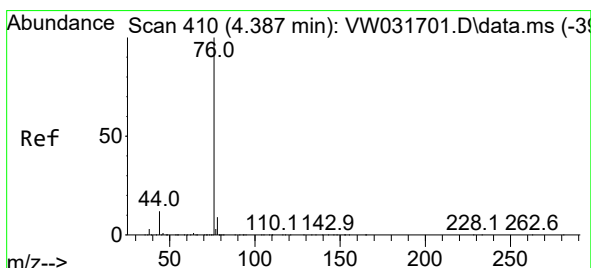
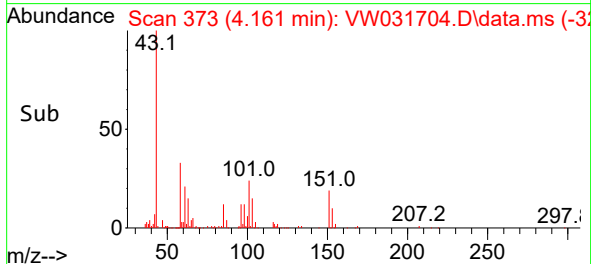
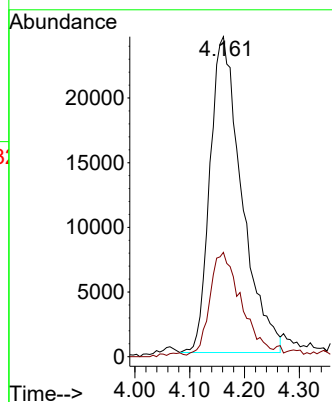
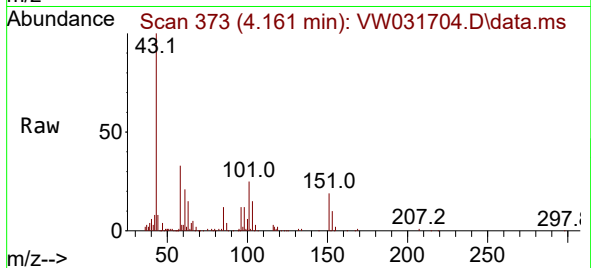




#13
Acetone
Concen: 73.16 ug/L
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

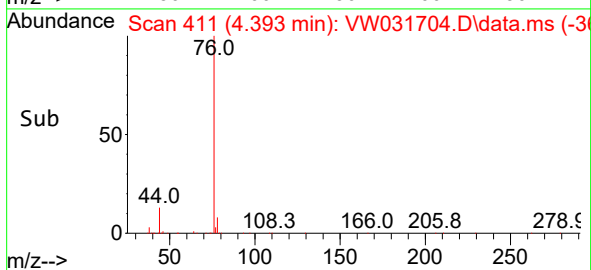
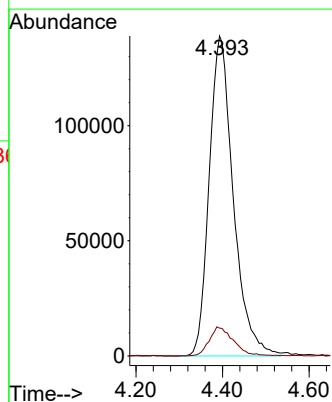
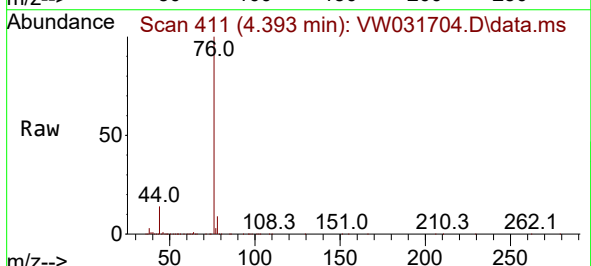
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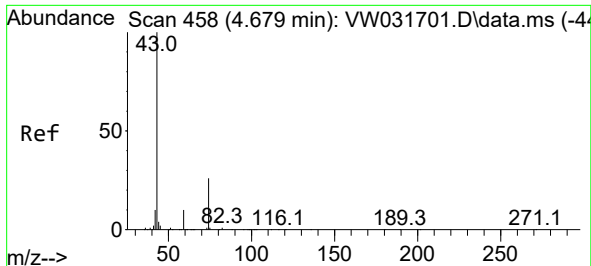
Tgt Ion: 43 Resp: 98337
Ion Ratio Lower Upper
43 100
58 32.7 0.0 66.2



#14
Carbon disulfide
Concen: 23.57 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 537107
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3

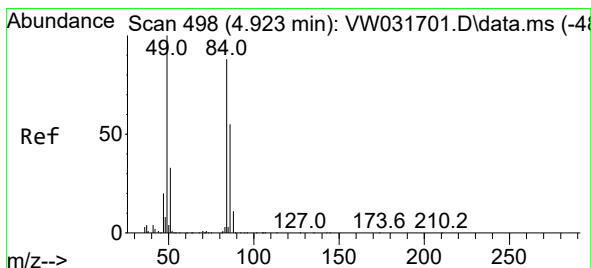
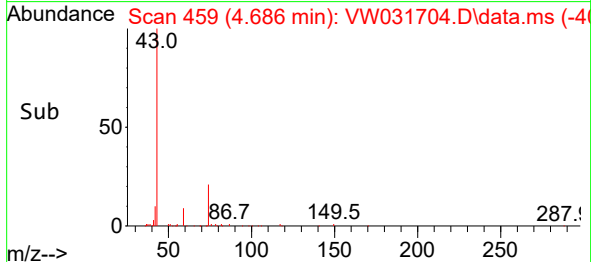
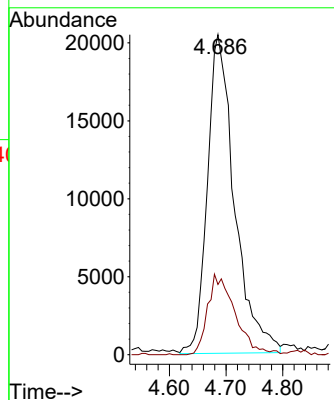
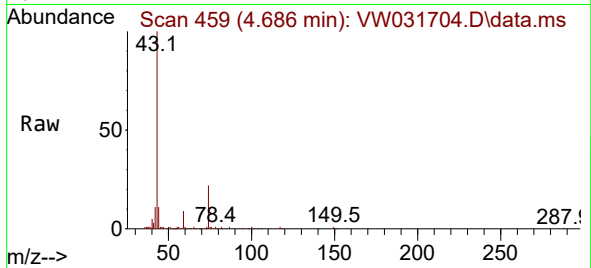




#15
Methyl Acetate
Concen: 28.00 ug/L
RT: 4.686 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

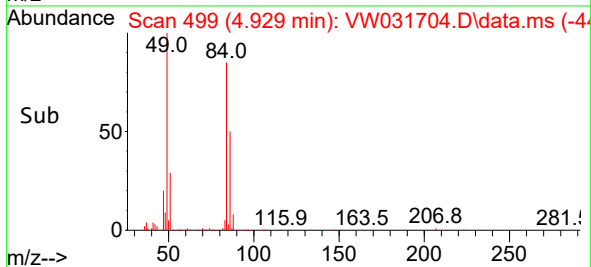
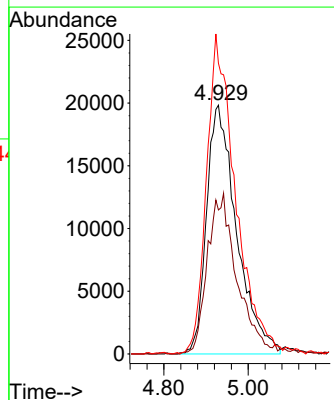
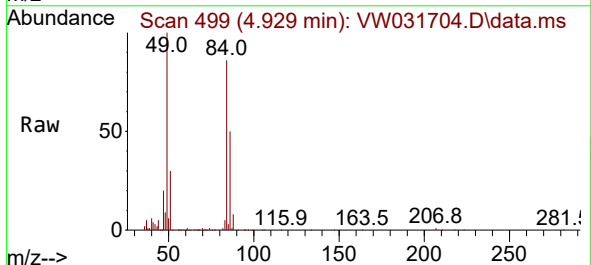
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

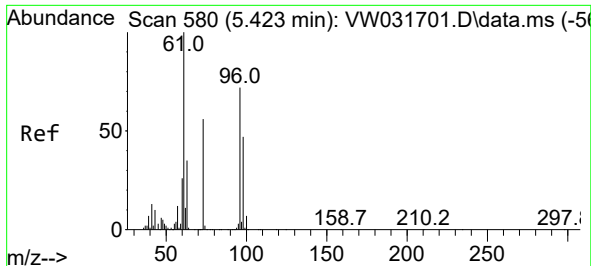
Tgt Ion: 43 Resp: 67930
Ion Ratio Lower Upper
43 100
74 25.1 8.7 13.1#



#16
Methylene chloride
Concen: 25.54 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 84 Resp: 98362
Ion Ratio Lower Upper
84 100
86 57.9 44.2 82.2
49 116.9 85.1 158.1

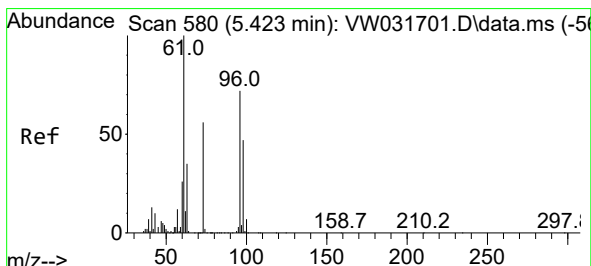
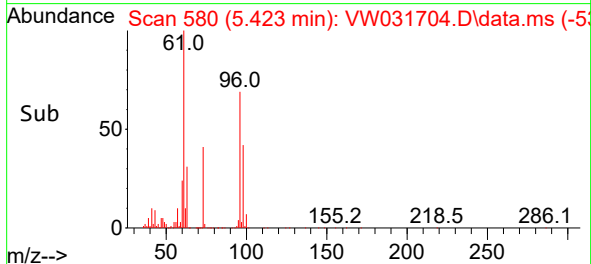
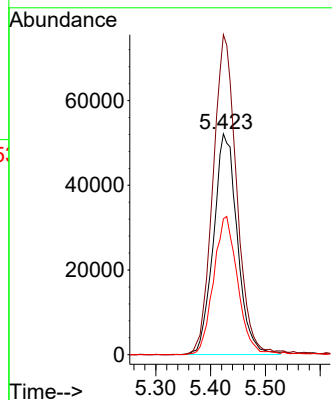
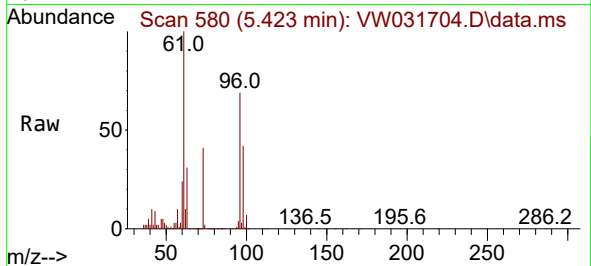




#17
trans-1,2-Dichloroethene
Concen: 24.84 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

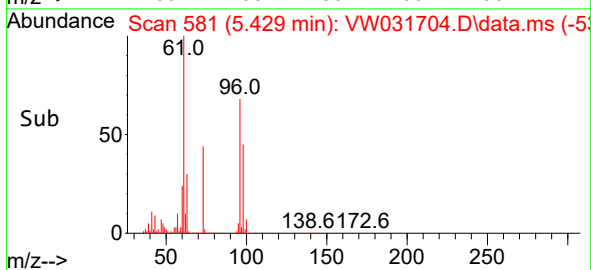
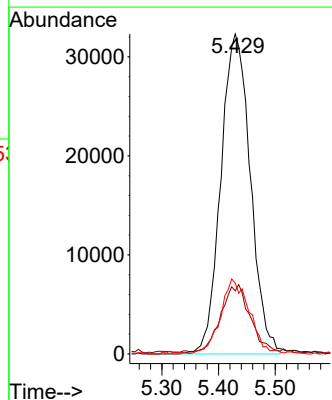
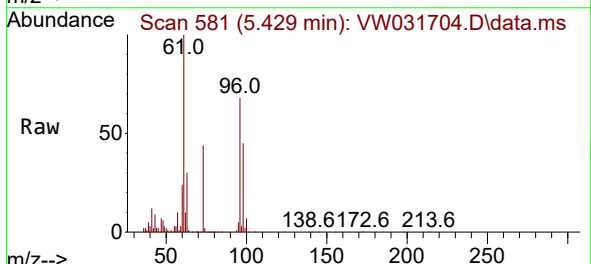
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

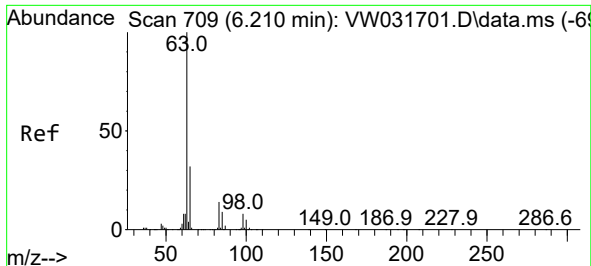
Tgt Ion: 96 Resp: 157261
Ion Ratio Lower Upper
96 100
61 145.0 100.9 187.3
98 61.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 26.02 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 73 Resp: 116741
Ion Ratio Lower Upper
73 100
43 21.2 15.4 23.2
57 22.6 8.5 12.7#





#19

1,1-Dichloroethane

Concen: 25.72 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.012 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

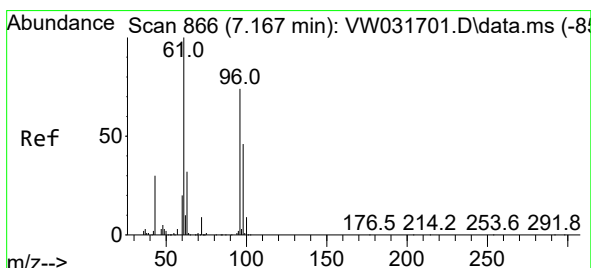
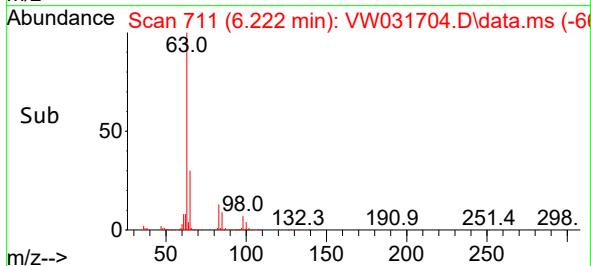
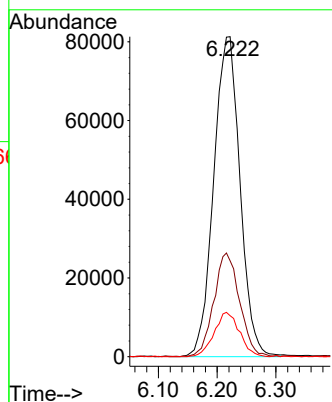
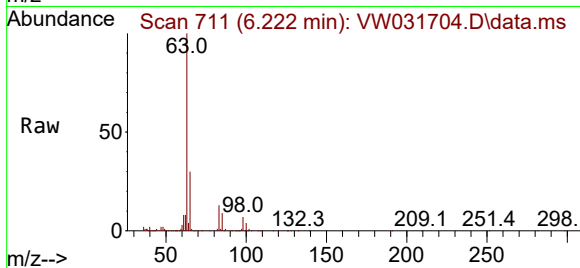
Tgt Ion: 63 Resp: 252810

Ion Ratio Lower Upper

63 100

65 30.0 21.6 40.0

83 12.8 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 26.14 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

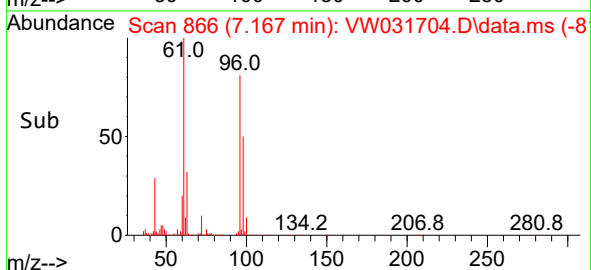
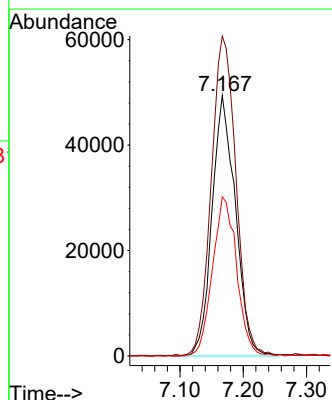
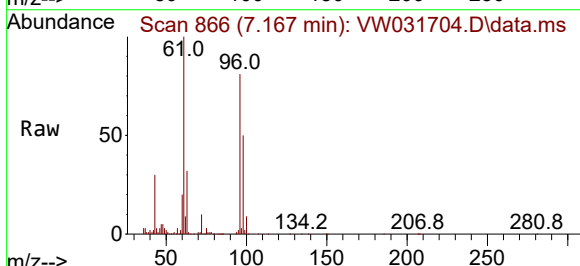
Tgt Ion: 96 Resp: 127051

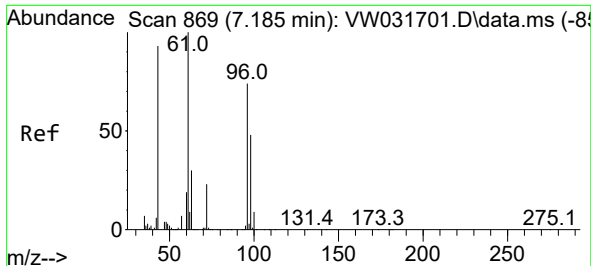
Ion Ratio Lower Upper

96 100

61 122.8 84.8 157.6

98 61.1 42.4 78.6

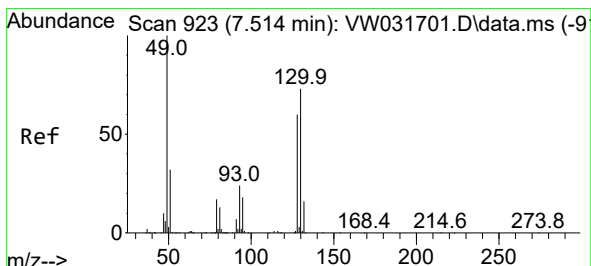
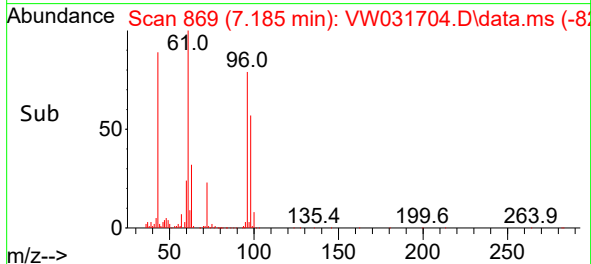
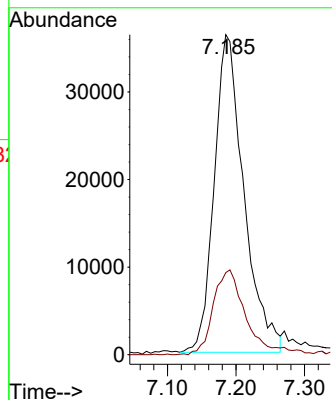
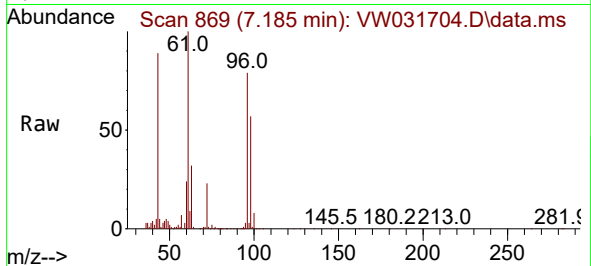




#22
2-Butanone
Concen: 55.86 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

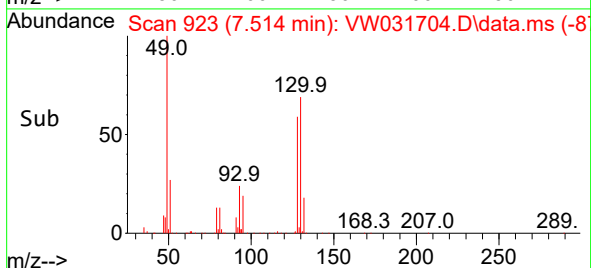
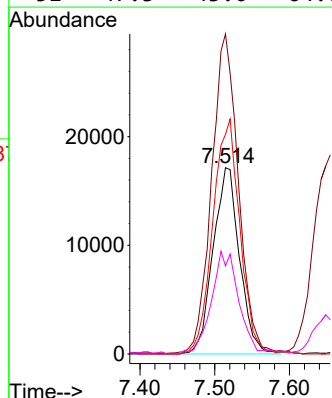
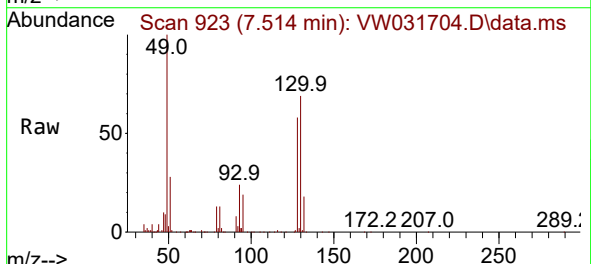
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

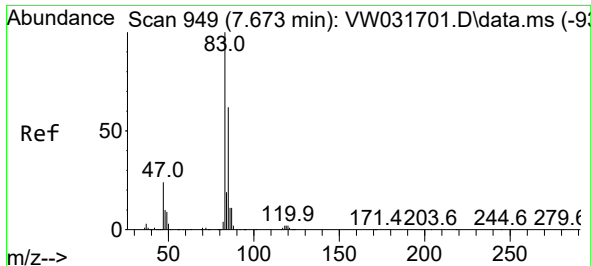
Tgt Ion: 43 Resp: 108978
Ion Ratio Lower Upper
43 100
72 27.8 13.7 41.1



#23
Bromochloromethane
Concen: 26.69 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 128 Resp: 42056
Ion Ratio Lower Upper
128 100
49 171.8 125.1 232.3
130 117.8 83.9 155.7
51 47.3 43.0 64.6

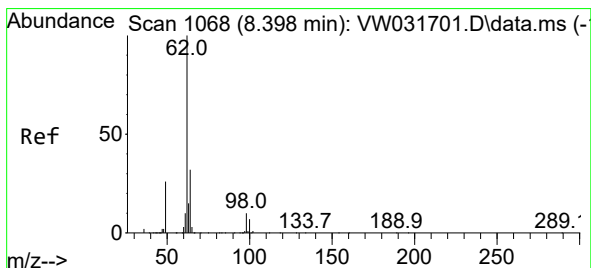
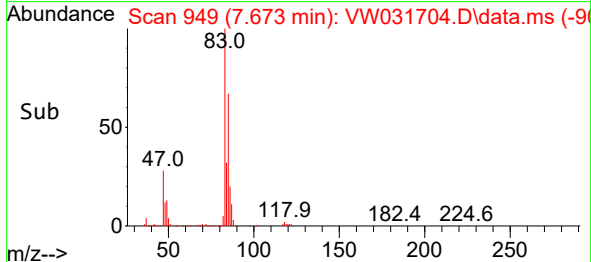
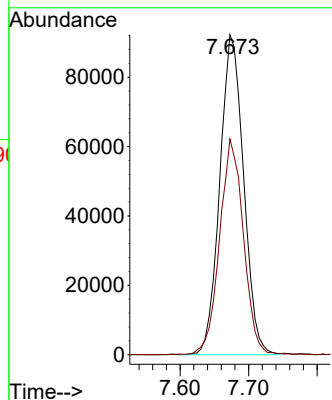
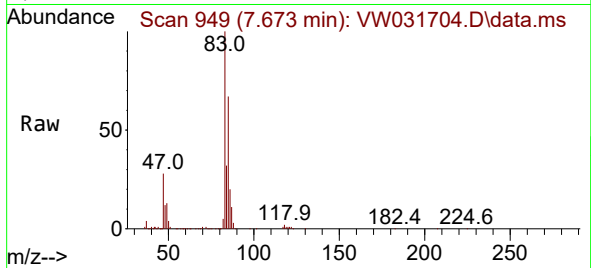




#25
Chloroform
Concen: 26.29 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

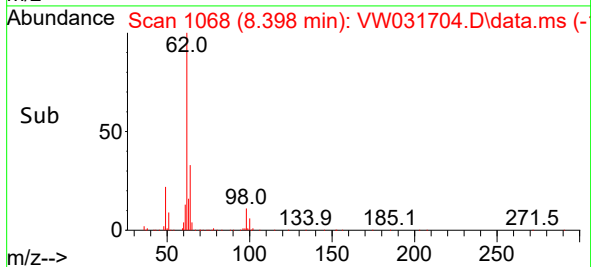
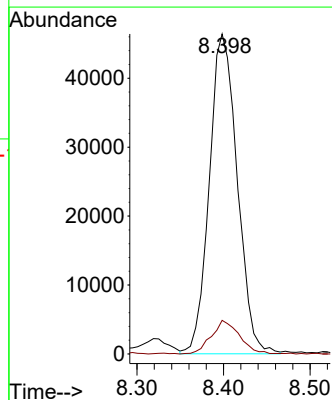
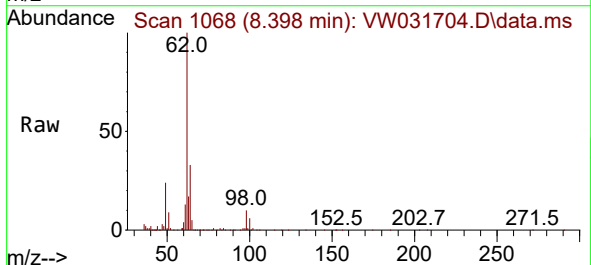
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

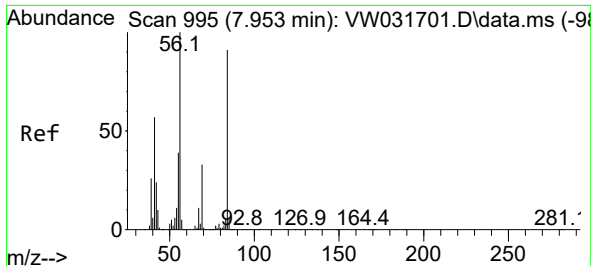
Tgt Ion: 83 Resp: 222062
Ion Ratio Lower Upper
83 100
85 67.4 43.2 80.2



#27
1,2-Dichloroethane
Concen: 26.58 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 62 Resp: 104024
Ion Ratio Lower Upper
62 100
98 10.5 8.0 12.0

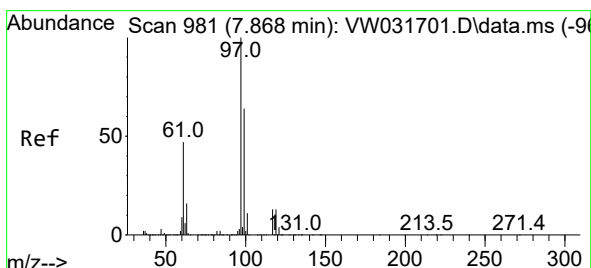
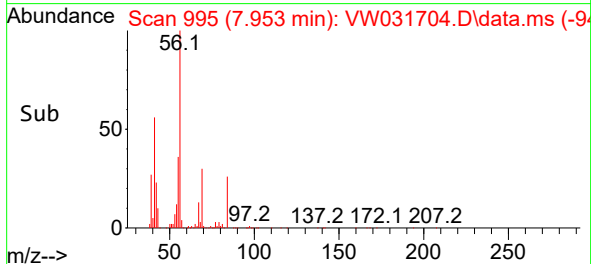
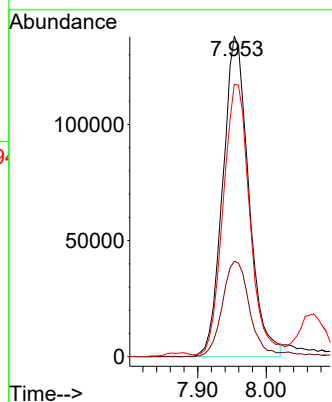
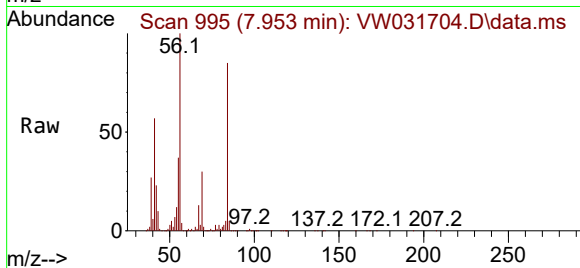




#29
Cyclohexane
Concen: 20.45 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

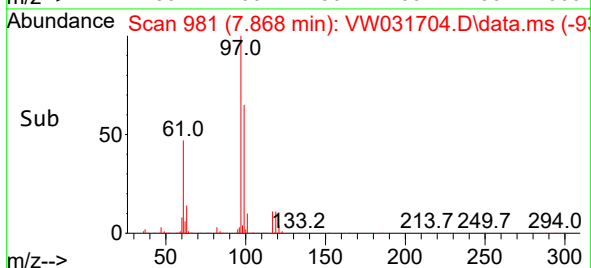
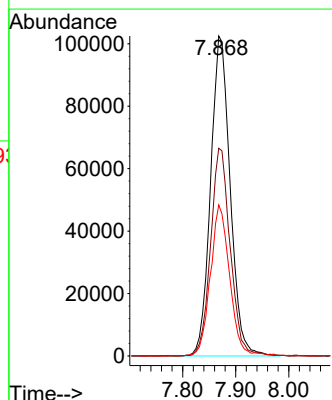
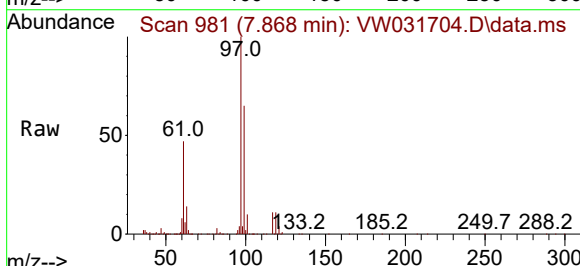
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

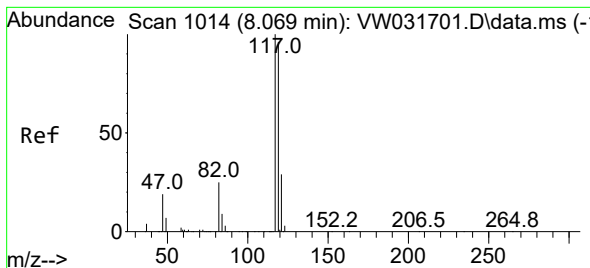
Tgt Ion: 56 Resp: 363748
Ion Ratio Lower Upper
56 100
69 31.0 24.9 37.3
84 87.2 68.2 102.4



#30
1,1,1-Trichloroethane
Concen: 22.78 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 97 Resp: 262977
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 45.9 36.4 54.6

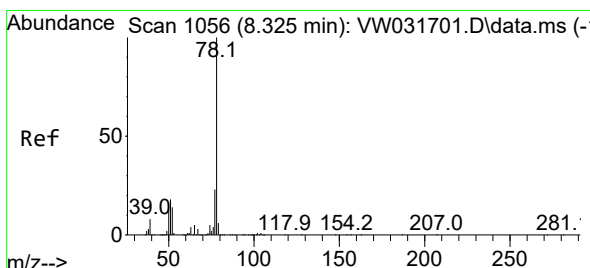
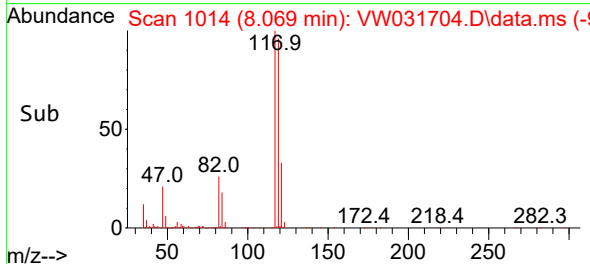
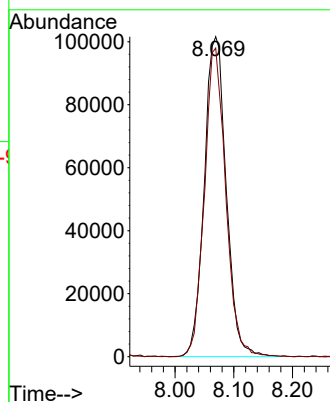
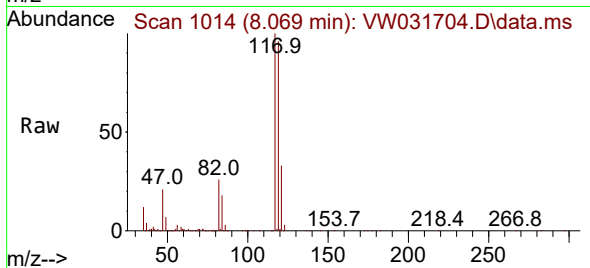




#31
Carbon tetrachloride
Concen: 22.85 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

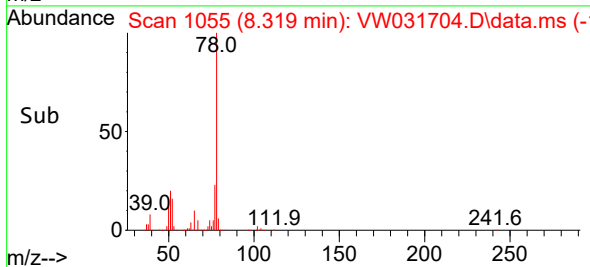
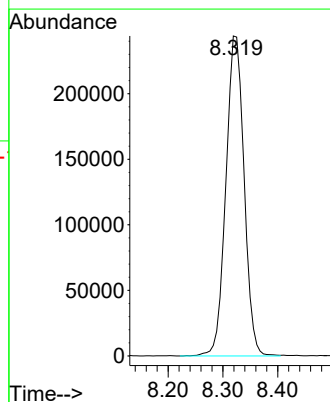
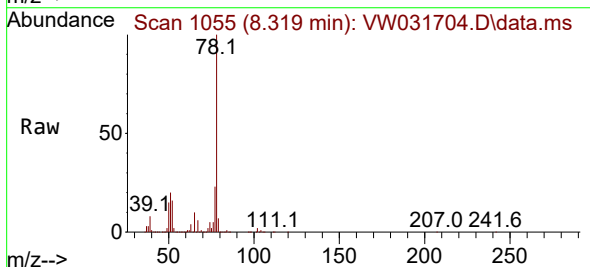
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

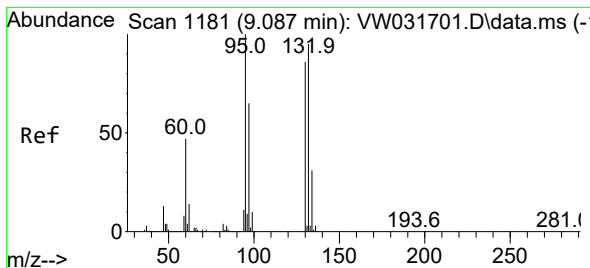
Tgt Ion:117 Resp: 263934
Ion Ratio Lower Upper
117 100
119 93.7 76.5 114.7



#33
Benzene
Concen: 25.15 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 78 Resp: 565130





#34

Trichloroethene

Concen: 23.11 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

Tgt Ion: 95 Resp: 170573

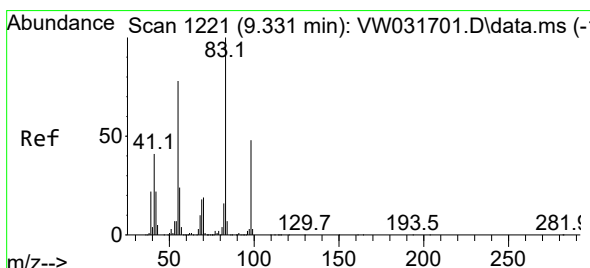
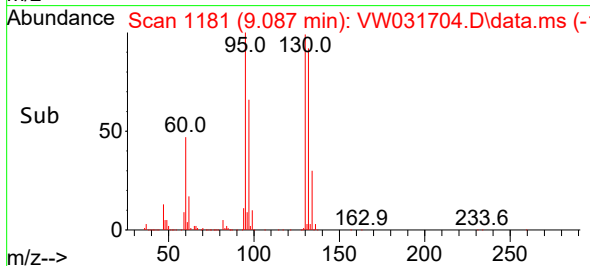
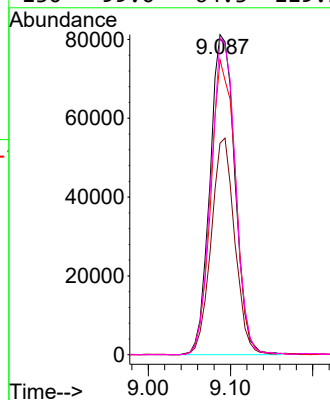
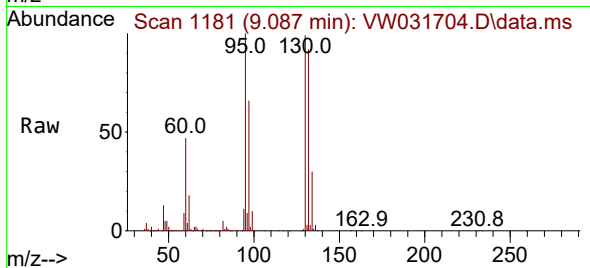
Ion Ratio Lower Upper

95 100

97 66.1 46.0 85.4

132 92.1 63.8 118.4

130 99.0 64.3 119.3



#35

Methylcyclohexane

Concen: 19.59 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

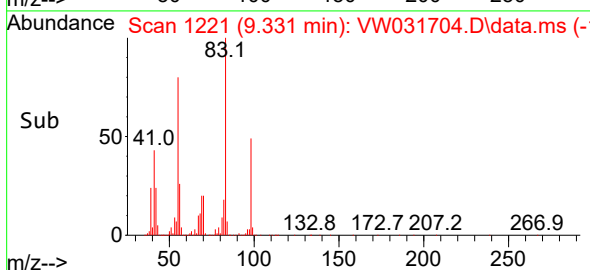
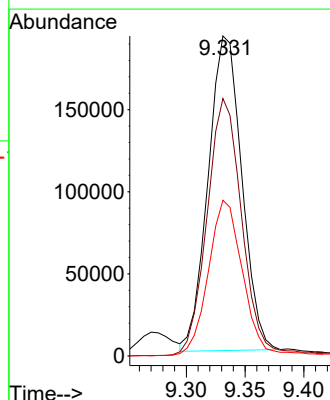
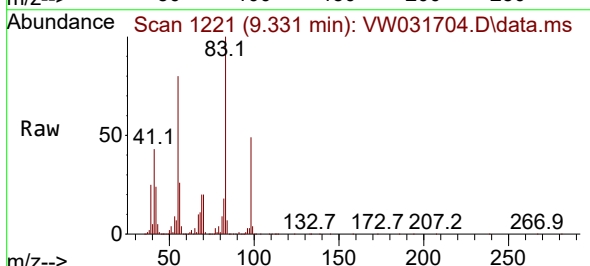
Tgt Ion: 83 Resp: 381375

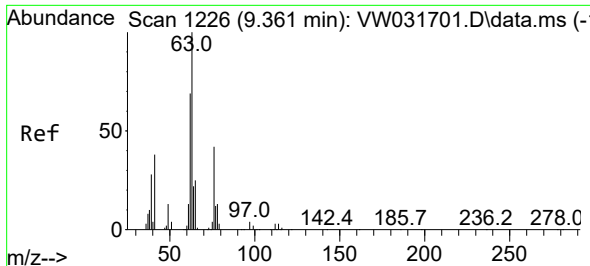
Ion Ratio Lower Upper

83 100

55 84.8 63.1 94.7

98 51.0 37.6 56.4

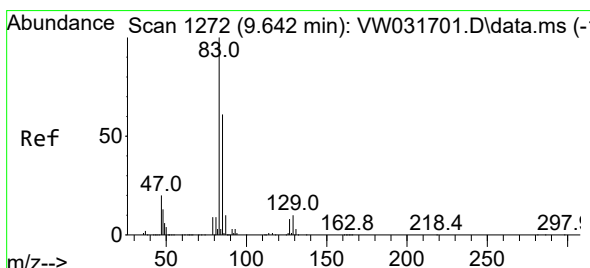
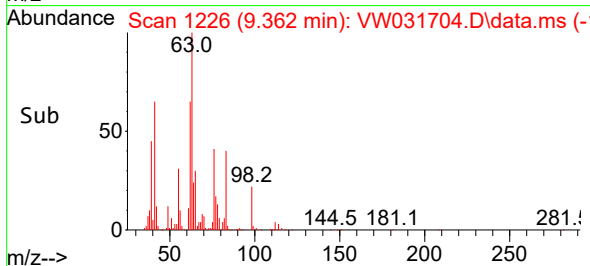
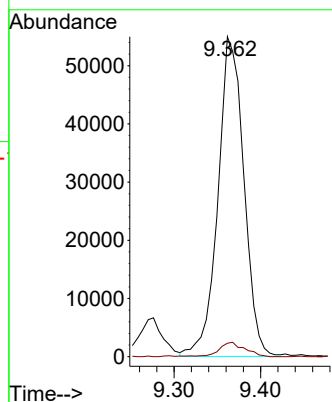
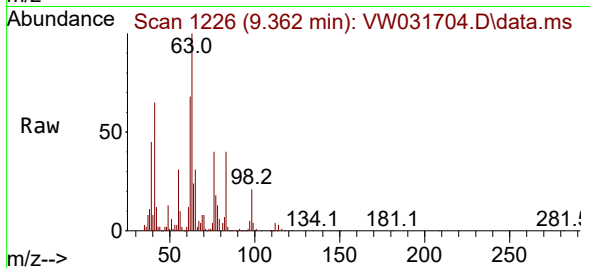




#37
1,2-Dichloropropane
Concen: 26.18 ug/L
RT: 9.362 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

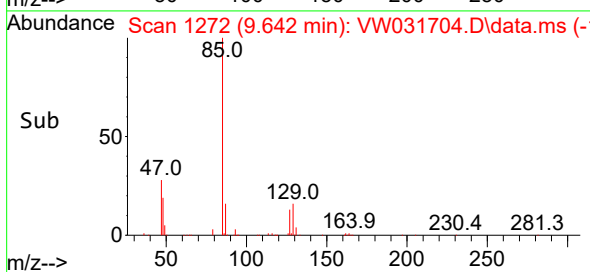
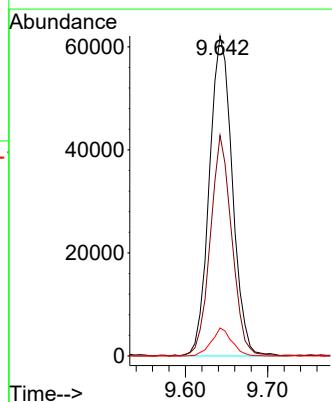
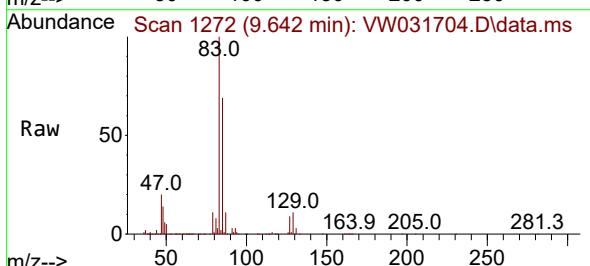
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

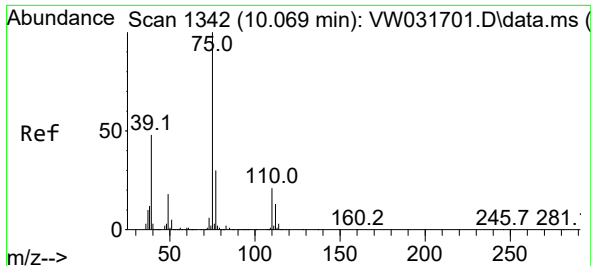
Tgt Ion: 63 Resp: 114203
Ion Ratio Lower Upper
63 100
112 4.4 4.0 6.0



#38
Bromodichloromethane
Concen: 25.14 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 83 Resp: 120602
Ion Ratio Lower Upper
83 100
85 68.9 44.0 81.8
127 8.7 5.8 8.6#





#39

cis-1,3-Dichloropropene

Concen: 25.63 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

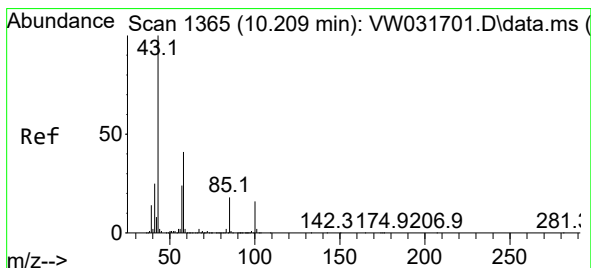
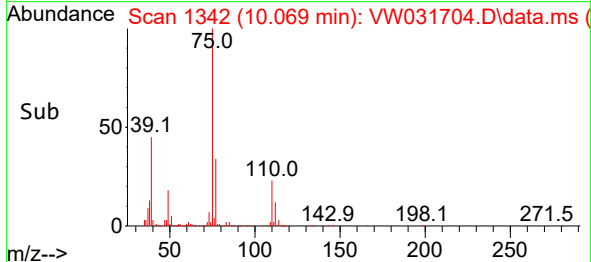
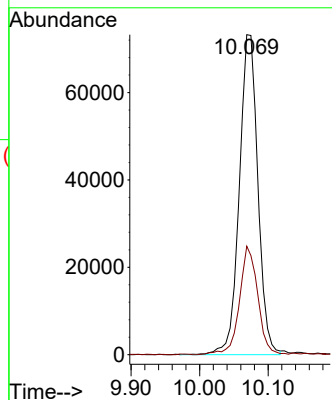
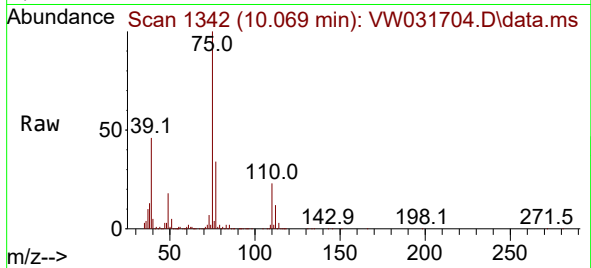
VSTD025498

Tgt Ion: 75 Resp: 138369

Ion Ratio Lower Upper

75 100

77 33.9 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 52.28 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

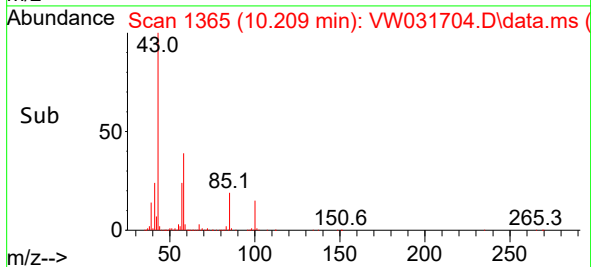
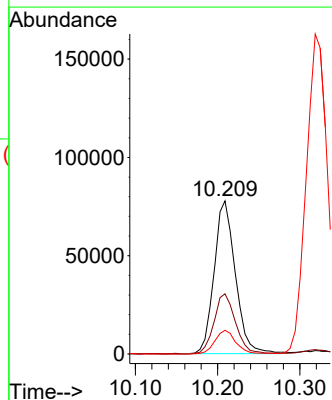
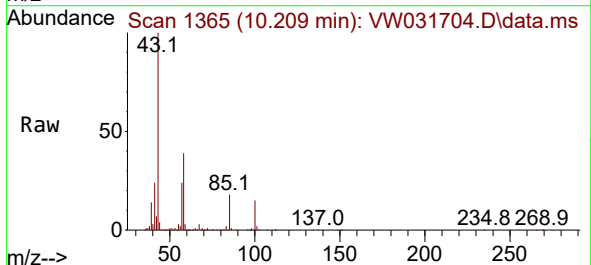
Tgt Ion: 43 Resp: 139650

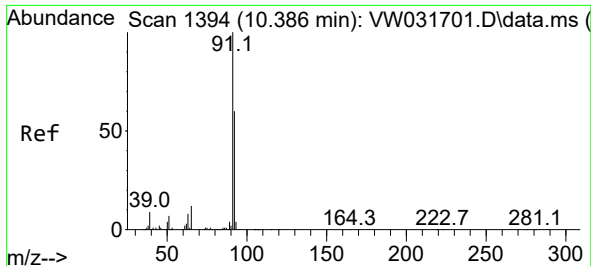
Ion Ratio Lower Upper

43 100

58 39.9 31.0 46.6

100 15.3 11.9 17.9

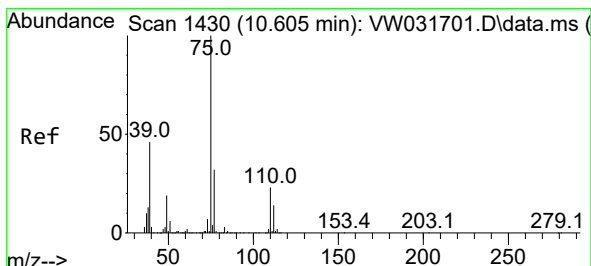
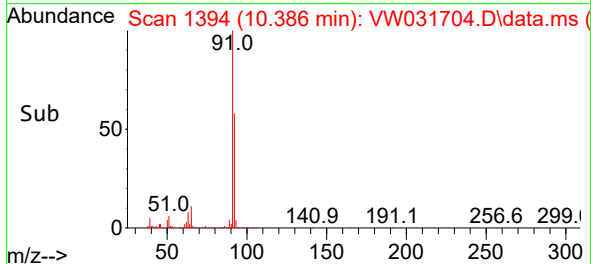
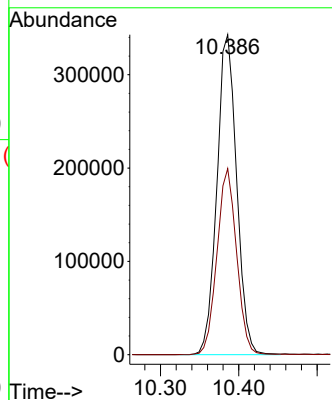
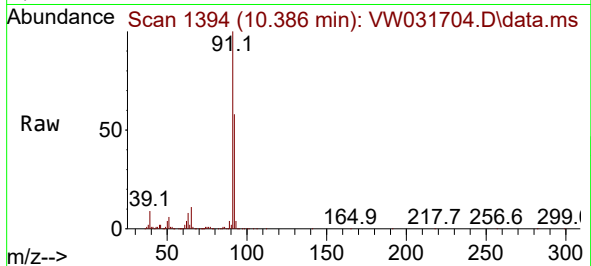




#42
Toluene
Concen: 25.20 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

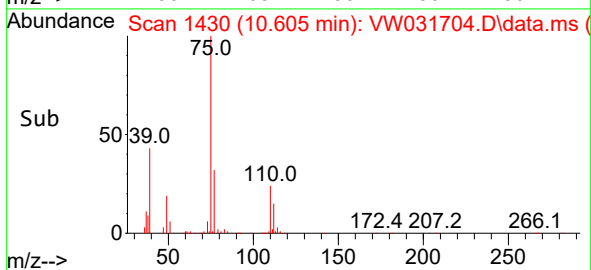
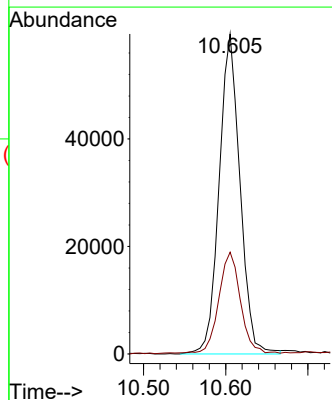
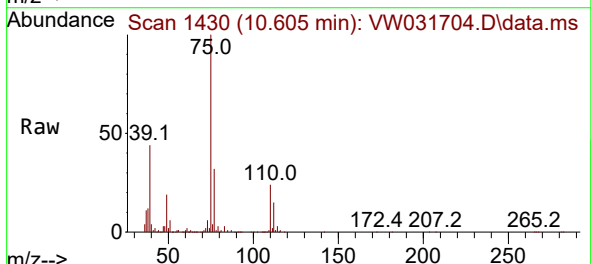
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

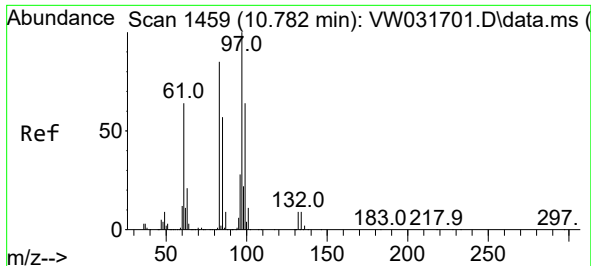
Tgt Ion: 91 Resp: 601694
Ion Ratio Lower Upper
91 100
92 58.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.89 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 75 Resp: 104771
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1

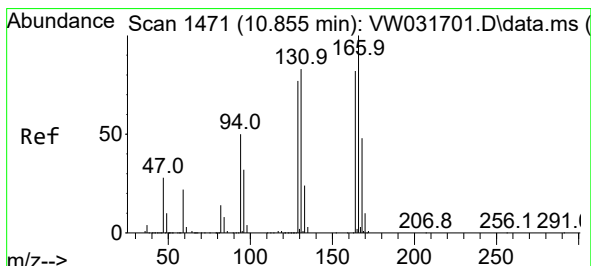
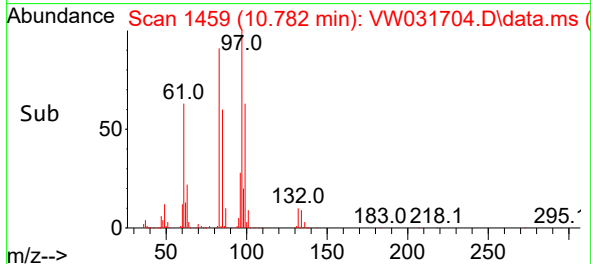
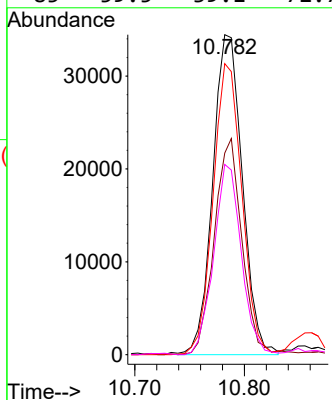
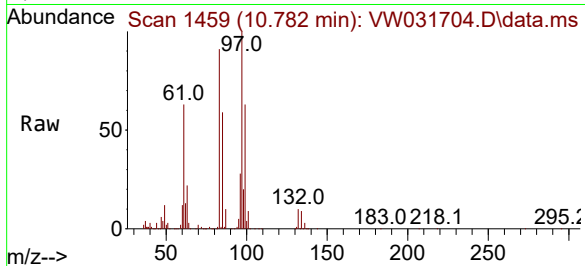




#45
1,1,2-Trichloroethane
Concen: 25.97 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

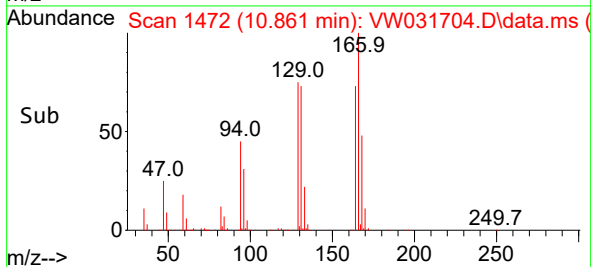
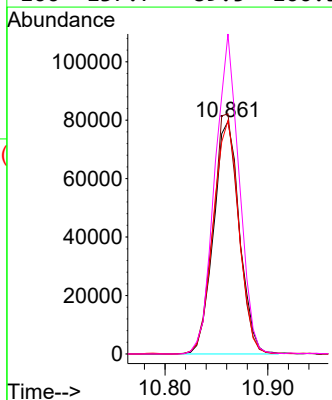
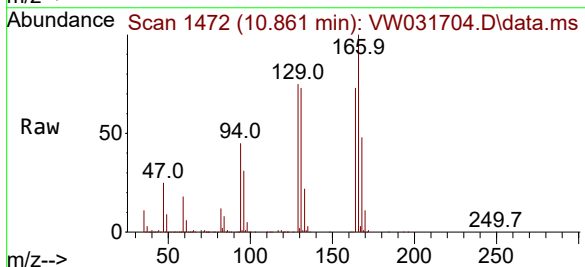
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

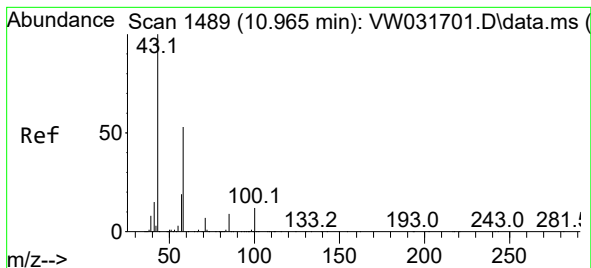
Tgt Ion:	97	Resp:	64630
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.6	79.2
83	90.9	55.7	103.5
85	59.5	39.1	72.7



#46
Tetrachloroethene
Concen: 22.60 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion:	164	Resp:	139614
Ion	Ratio	Lower	Upper
164	100		
129	103.3	72.2	134.0
131	100.3	66.6	123.8
166	137.7	89.5	166.3

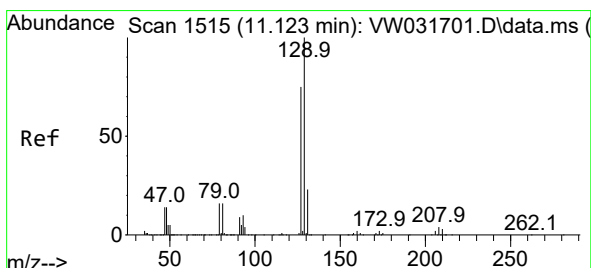
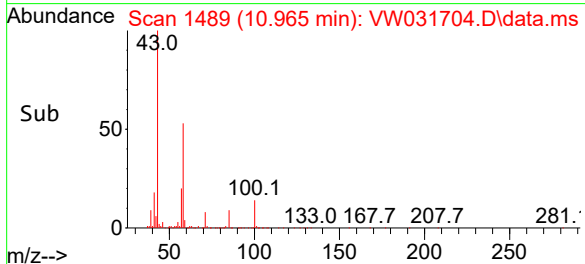
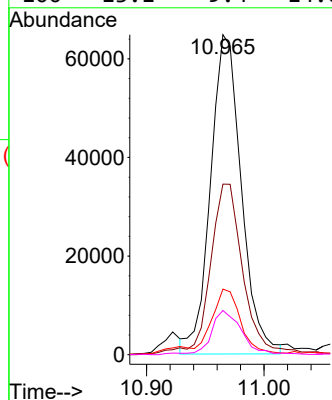
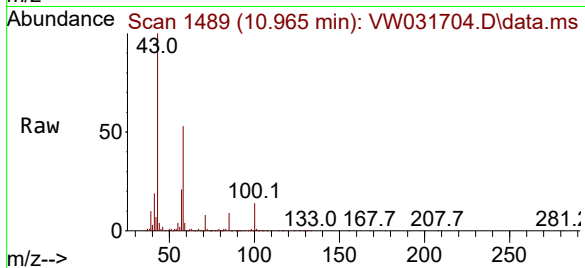




#48
2-Hexanone
Concen: 55.59 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

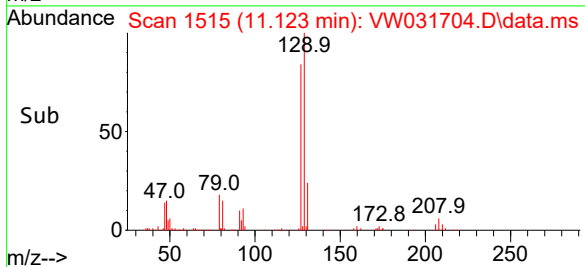
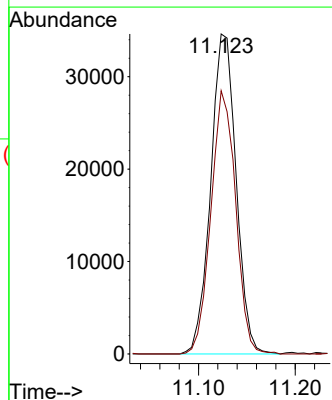
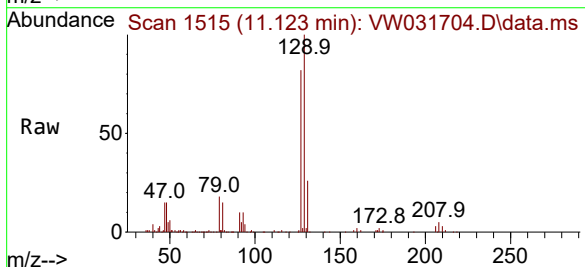
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

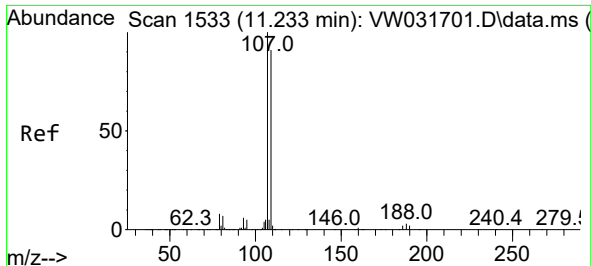
Tgt Ion:	43	Resp:	117921
Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.6	65.4
57	19.0	15.4	23.0
100	13.1	9.4	14.0



#49
Dibromochloromethane
Concen: 25.20 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion:	129	Resp:	63318
Ion	Ratio	Lower	Upper
129	100		
127	82.2	59.7	110.9





#50

1,2-Dibromoethane

Concen: 26.63 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

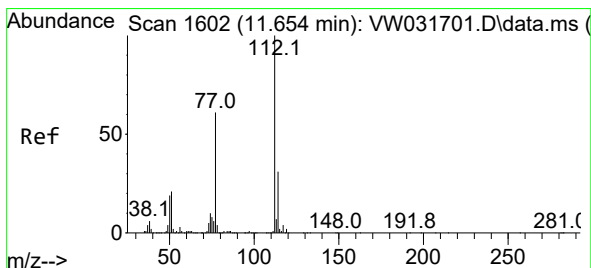
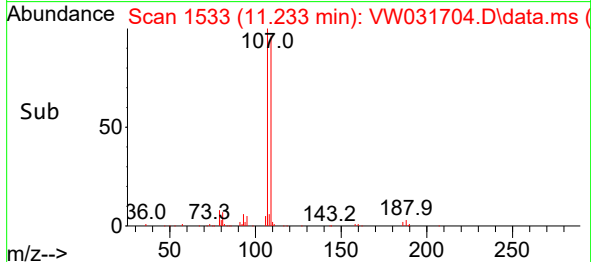
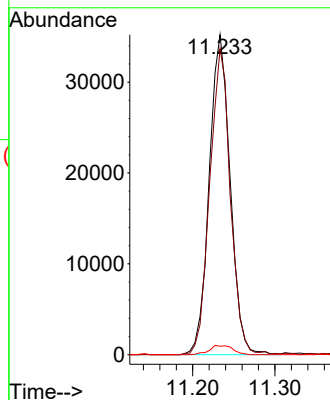
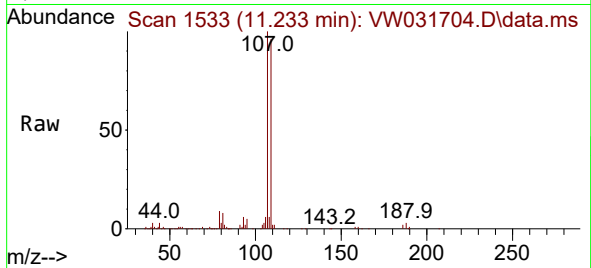
Tgt Ion:107 Resp: 62284

Ion Ratio Lower Upper

107 100

109 95.6 65.0 120.8

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 25.32 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

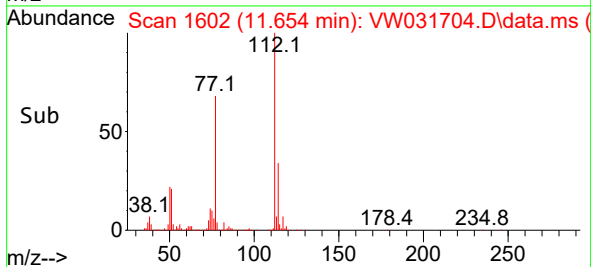
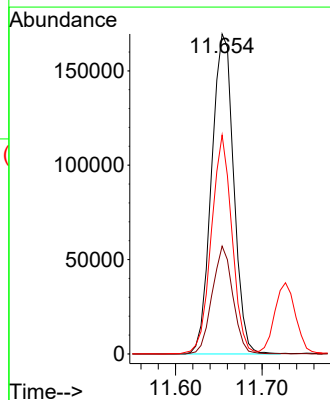
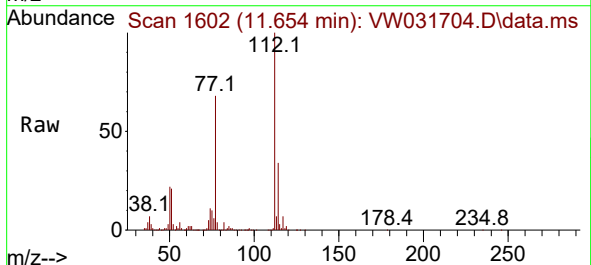
Tgt Ion:112 Resp: 301181

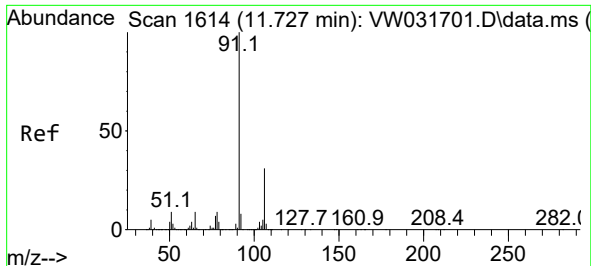
Ion Ratio Lower Upper

112 100

114 33.7 22.6 42.0

77 68.4 50.3 75.5

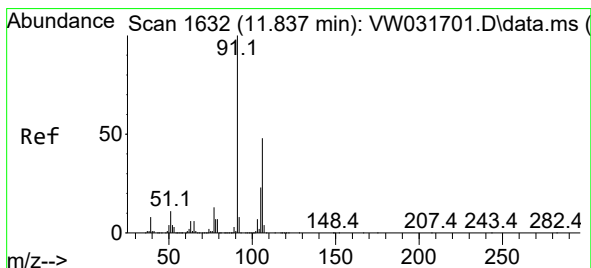
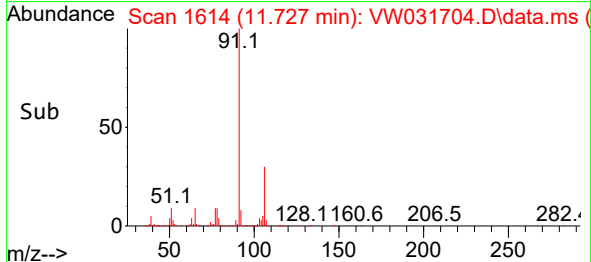
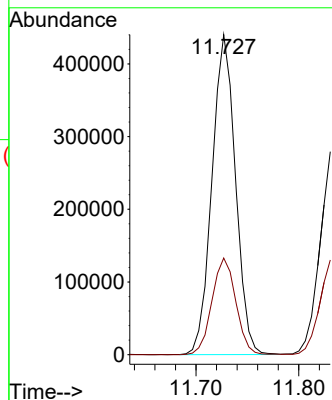
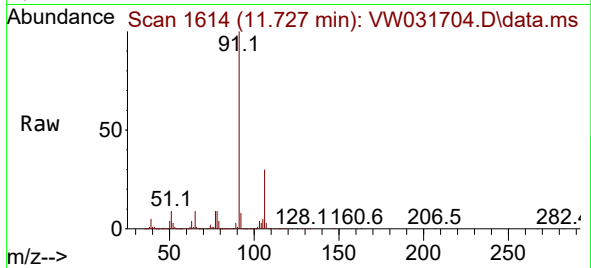




#52
Ethylbenzene
Concen: 24.31 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

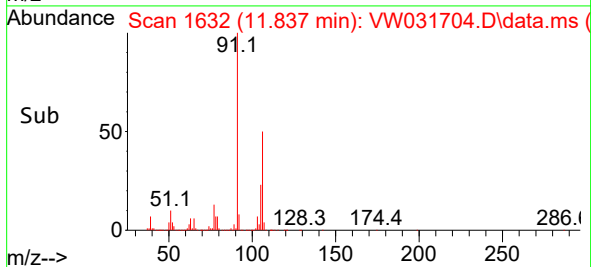
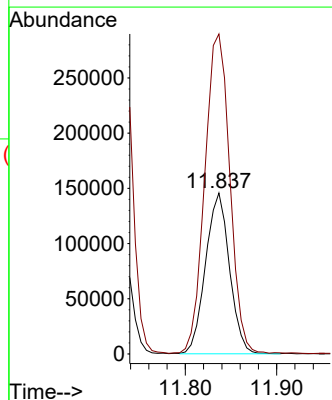
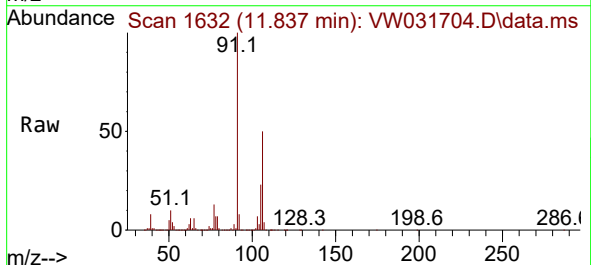
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

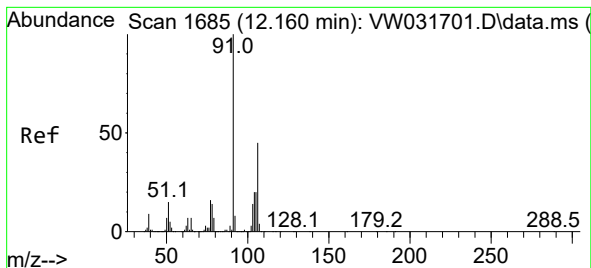
Tgt Ion: 91 Resp: 697841
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.6



#53
m,p-Xylene
Concen: 25.60 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 106 Resp: 264451
Ion Ratio Lower Upper
106 100
91 198.8 138.9 257.9

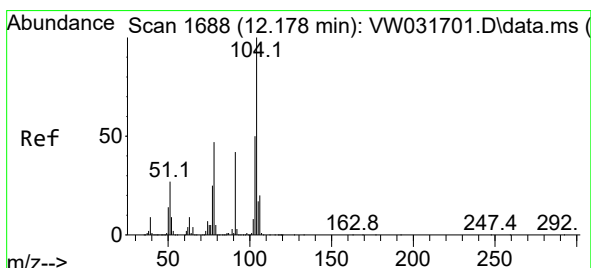
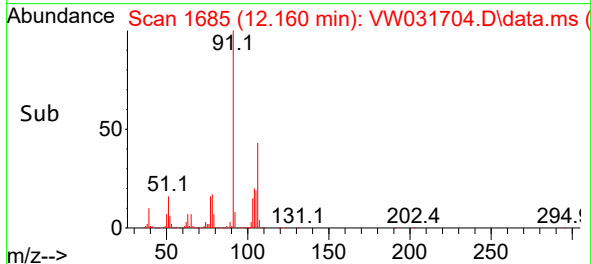
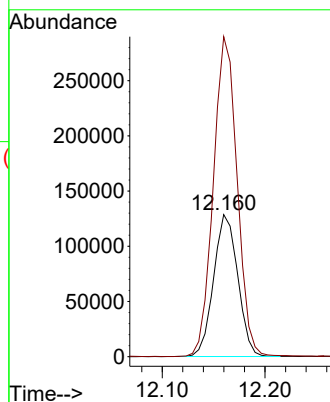
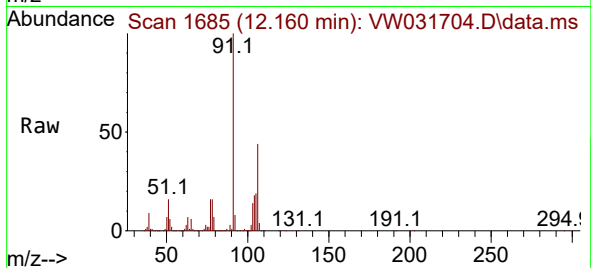




#54
o-Xylene
Concen: 25.76 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

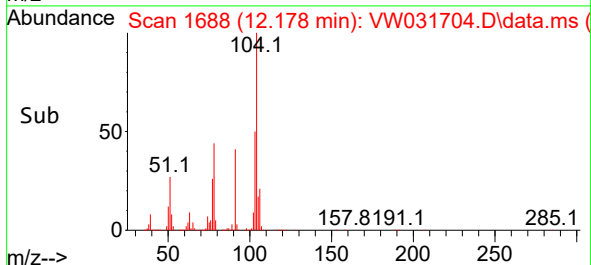
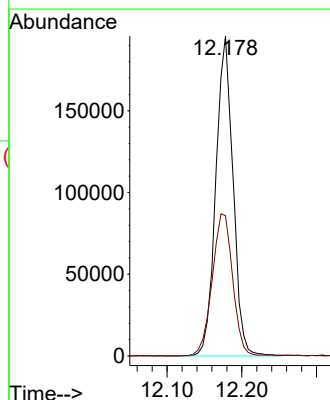
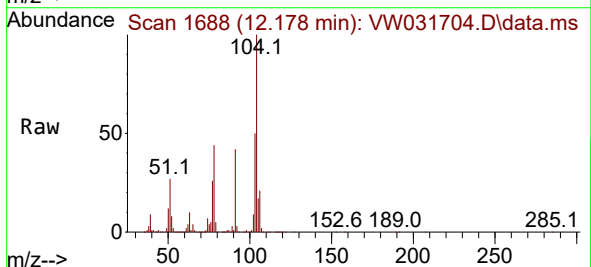
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

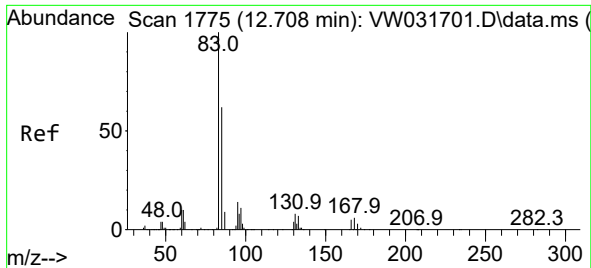
Tgt Ion:106 Resp: 209387
Ion Ratio Lower Upper
106 100
91 225.3 147.4 273.8



#55
Styrene
Concen: 26.85 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion:104 Resp: 314632
Ion Ratio Lower Upper
104 100
78 43.8 32.1 59.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.73 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

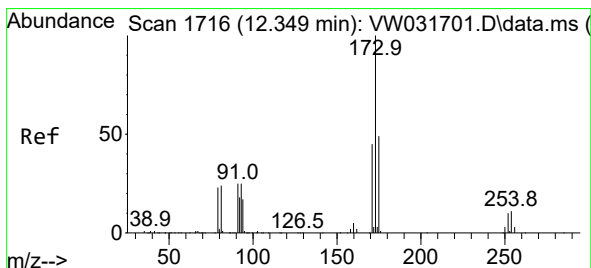
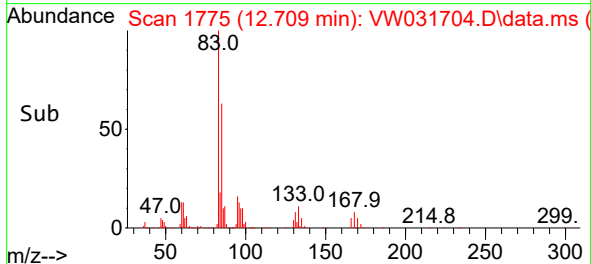
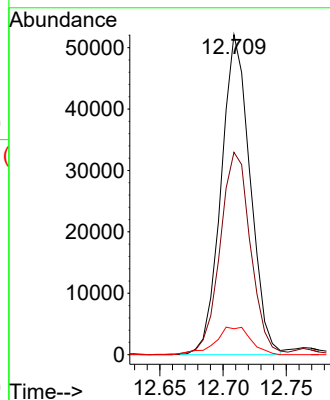
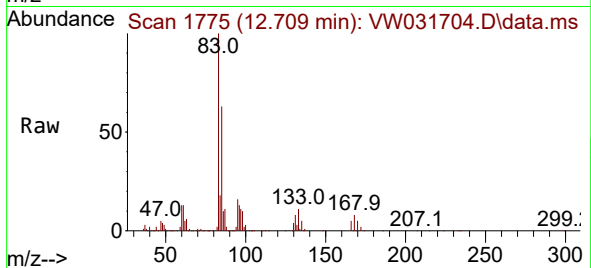
Tgt Ion: 83 Resp: 83022

Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.2

131 8.1 7.4 11.2



#59

Bromoform

Concen: 24.68 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

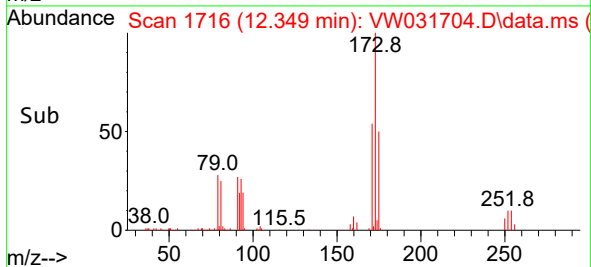
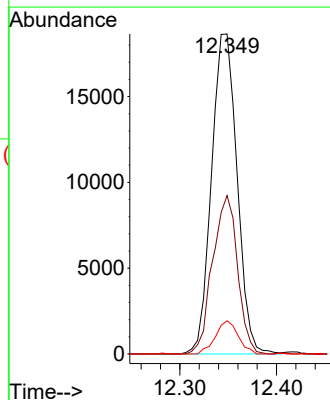
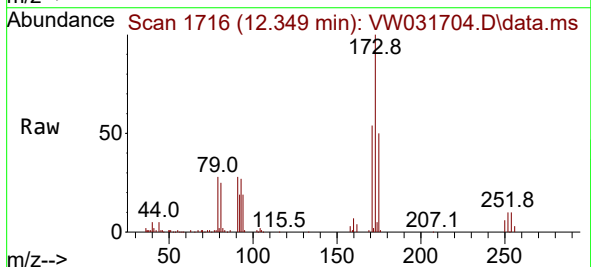
Tgt Ion: 173 Resp: 34237

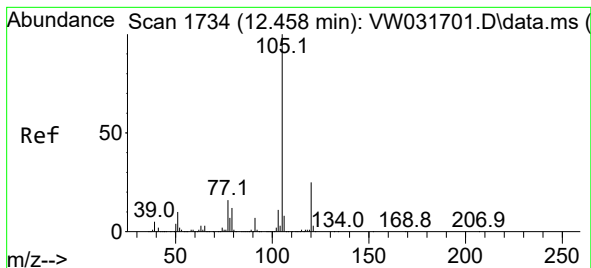
Ion Ratio Lower Upper

173 100

175 48.1 38.1 57.1

254 9.2 5.5 8.3#

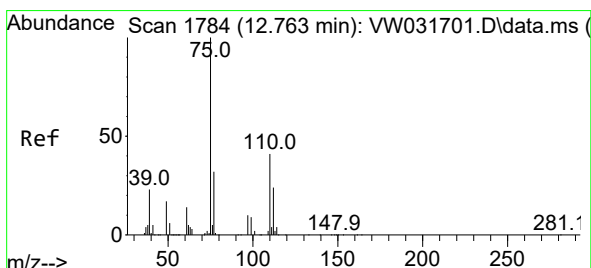
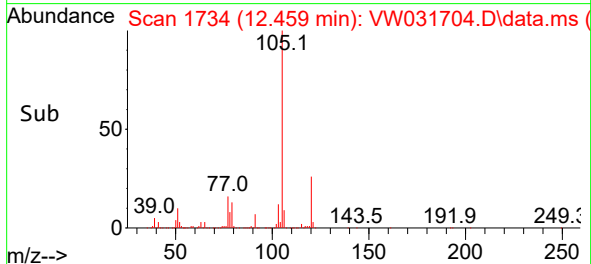
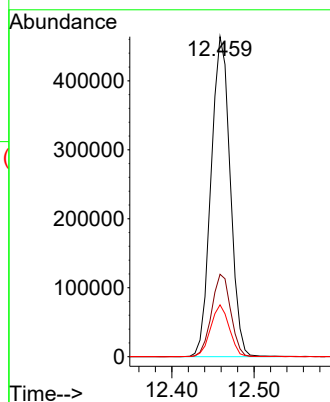
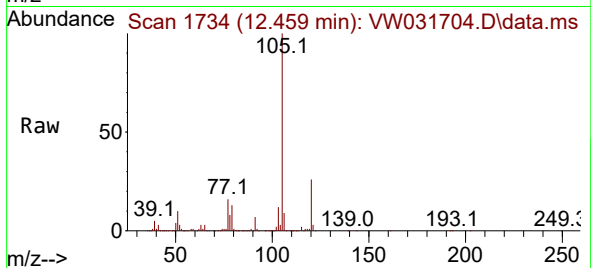




#60
Isopropylbenzene
Concen: 23.35 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

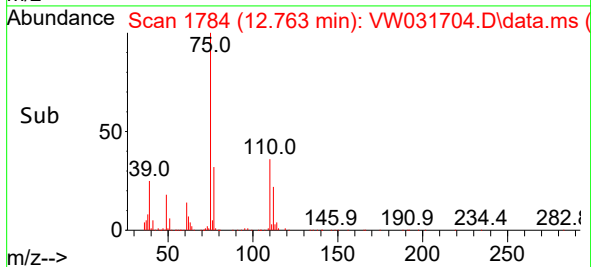
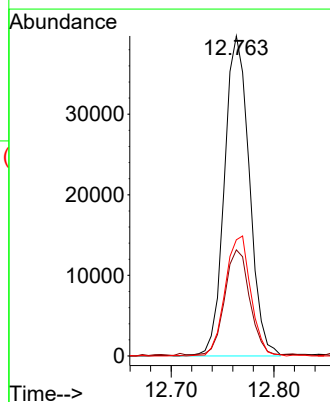
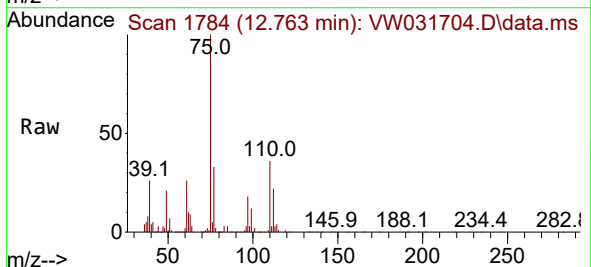
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

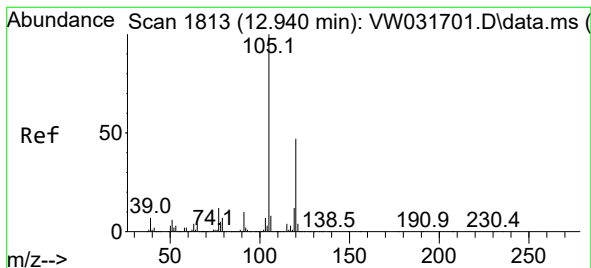
Tgt Ion:105 Resp: 751262
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.8 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 25.95 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion: 75 Resp: 66829
Ion Ratio Lower Upper
75 100
77 33.4 28.4 42.6
110 38.3 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 23.49 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

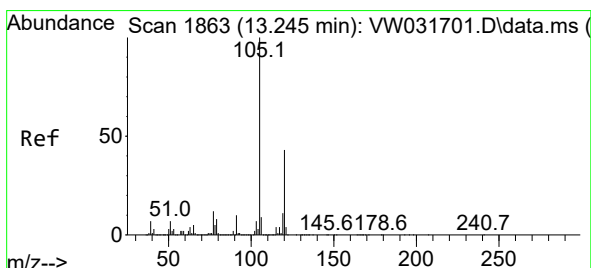
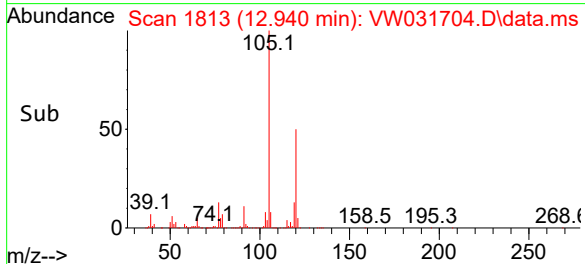
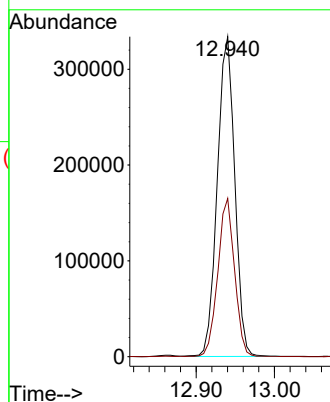
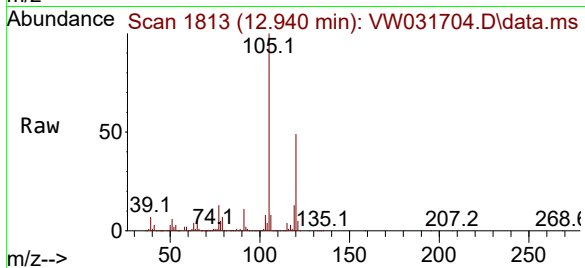
VSTD025498

Tgt Ion:105 Resp: 517343

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 24.48 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031704.D

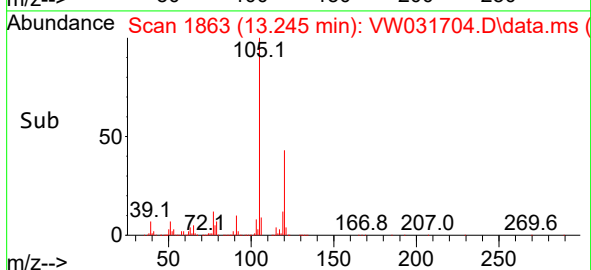
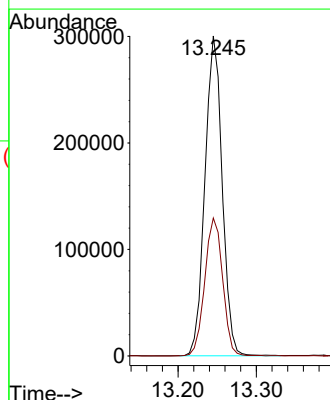
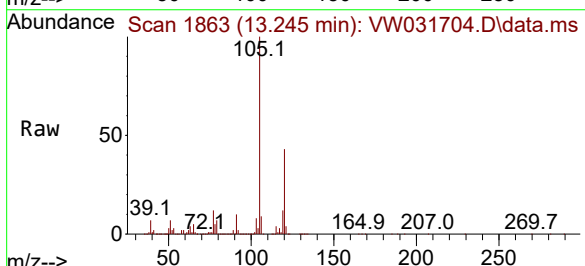
Acq: 09 May 2025 15:23

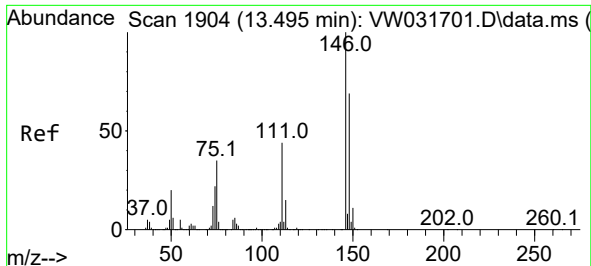
Tgt Ion:105 Resp: 458640

Ion Ratio Lower Upper

105 100

120 44.7 35.4 53.2

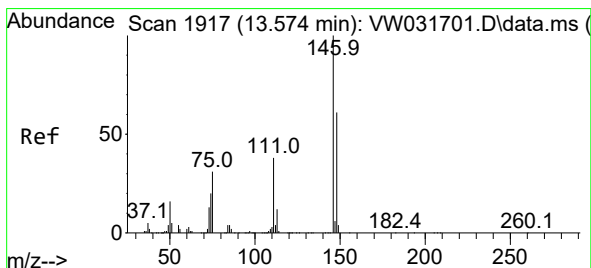
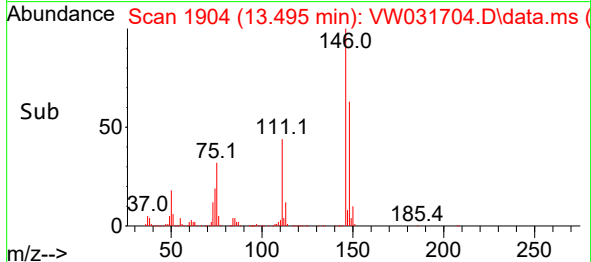
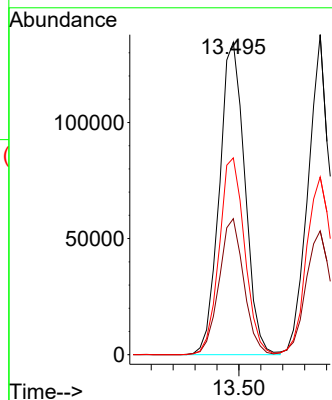
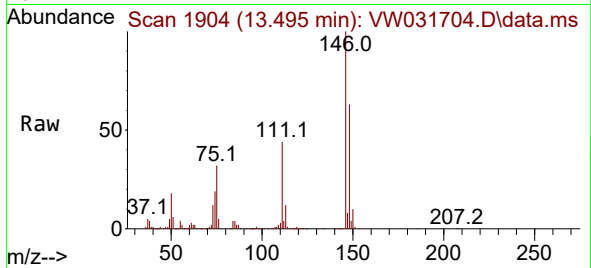




#64
1,3-Dichlorobenzene
Concen: 25.59 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

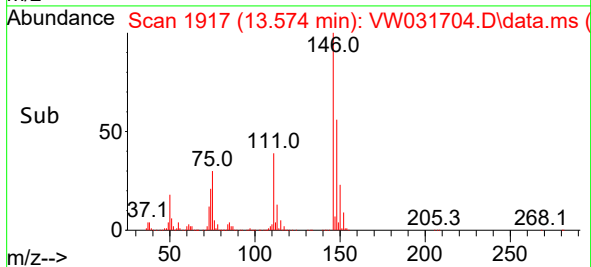
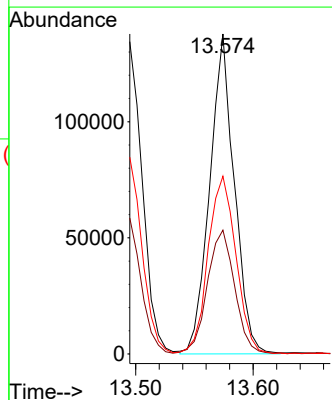
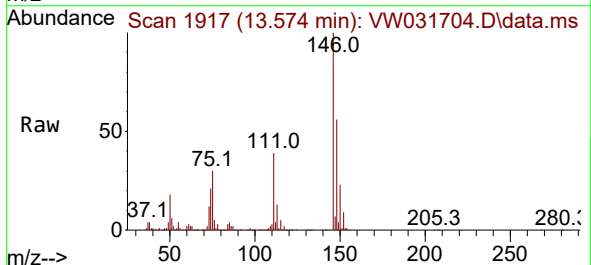
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

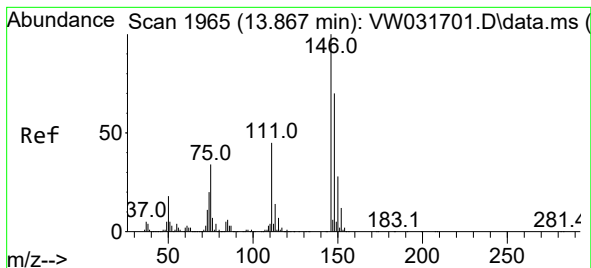
Tgt Ion:146 Resp: 217224
Ion Ratio Lower Upper
146 100
111 43.6 29.5 54.9
148 63.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 25.35 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion:146 Resp: 200703
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.2
148 55.5 40.6 75.4





#67

1,2-Dichlorobenzene

Concen: 25.82 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

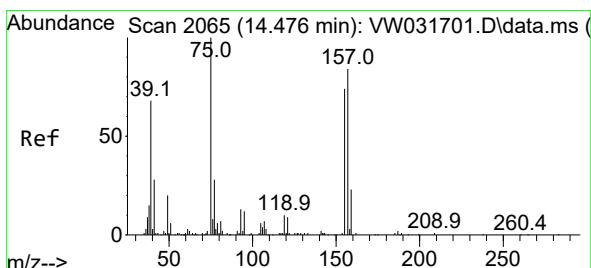
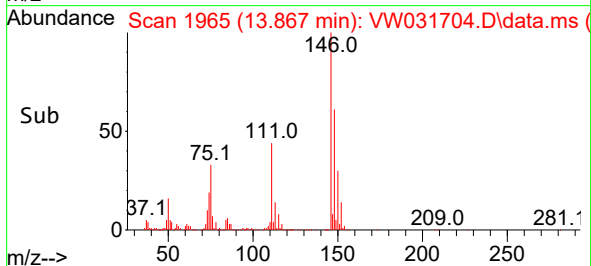
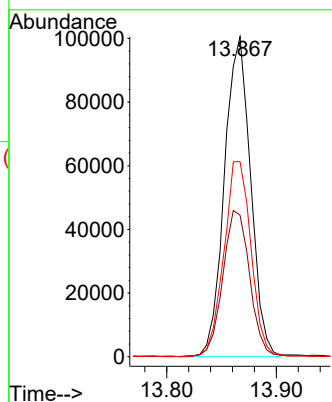
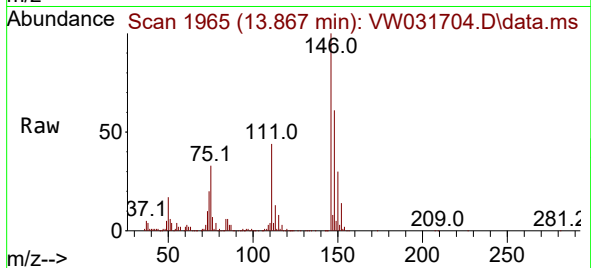
Tgt Ion:146 Resp: 166684

Ion Ratio Lower Upper

146 100

111 44.2 34.2 51.4

148 61.0 43.5 65.3



#68

1,2-Dibromo-3-chloropropane

Concen: 23.20 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

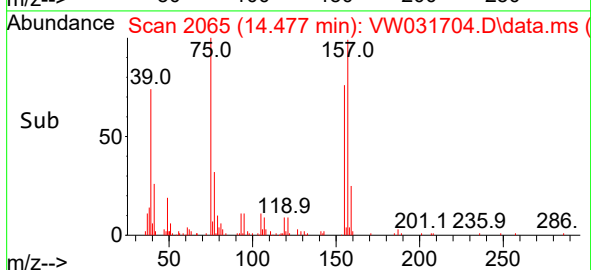
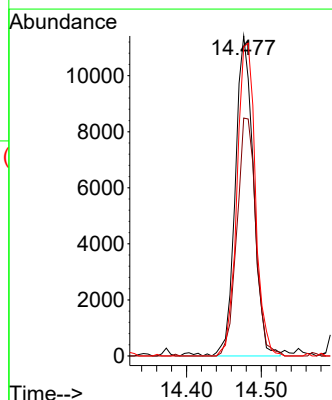
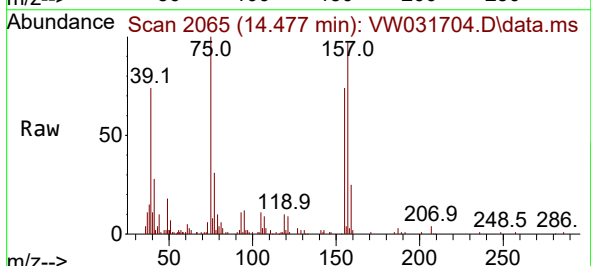
Tgt Ion: 75 Resp: 19281

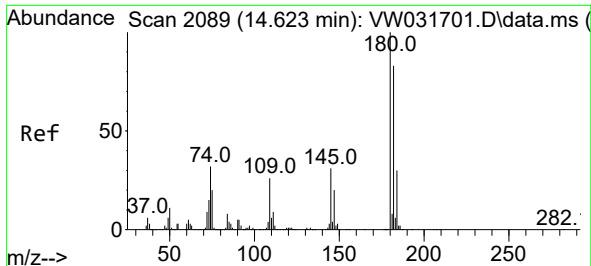
Ion Ratio Lower Upper

75 100

155 74.4 51.6 77.4

157 96.6 74.6 111.8

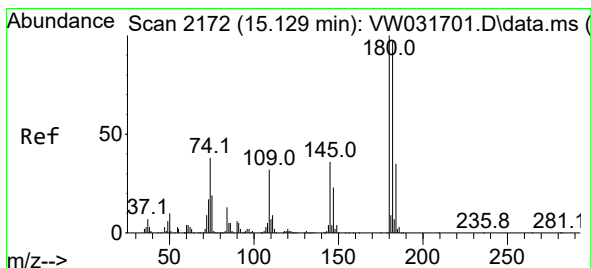
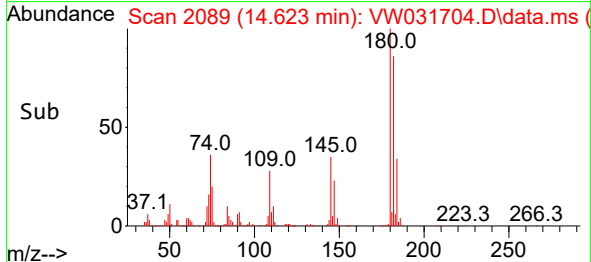
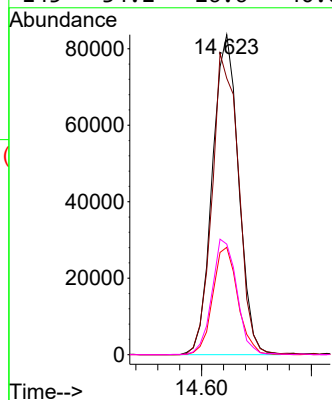
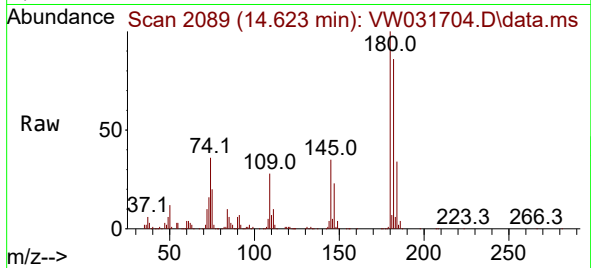




#69
1,3,5-Trichlorobenzene
Concen: 23.75 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

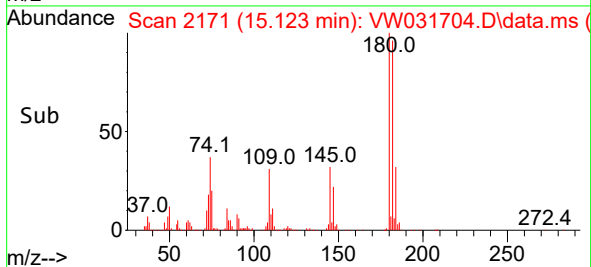
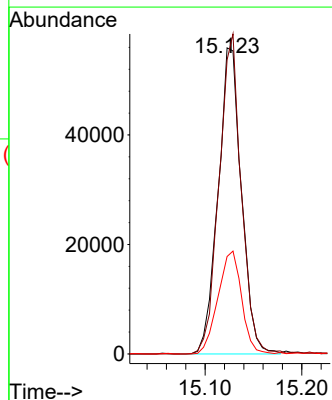
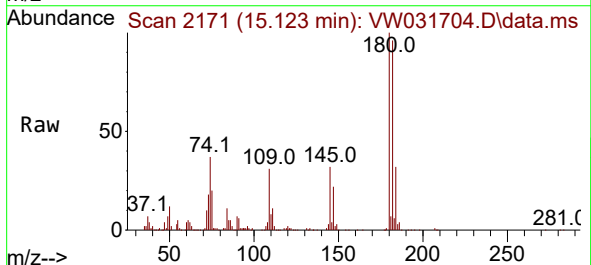
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

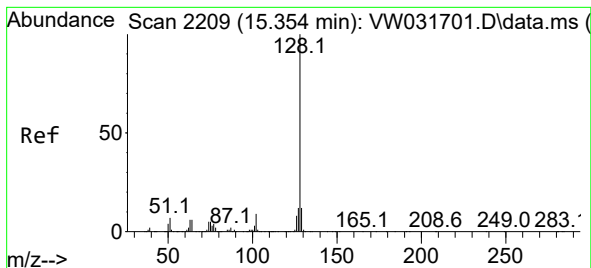
Tgt Ion:180 Resp: 138979
Ion Ratio Lower Upper
180 100
182 95.1 75.5 113.3
184 32.2 23.7 35.5
145 34.2 26.6 40.0



#70
1,2,4-trichlorobenzene
Concen: 23.66 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031704.D
Acq: 09 May 2025 15:23

Tgt Ion:180 Resp: 93804
Ion Ratio Lower Upper
180 100
182 98.7 75.7 113.5
145 33.9 26.7 40.1





#71

Naphthalene

Concen: 24.87 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

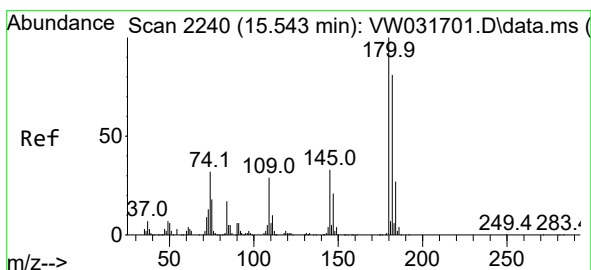
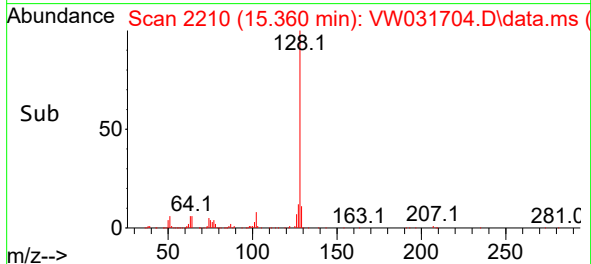
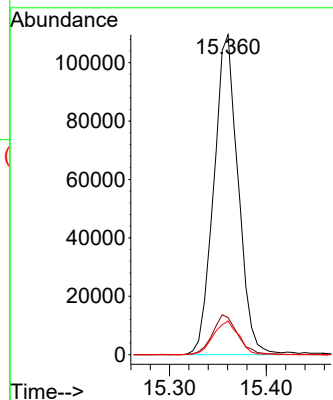
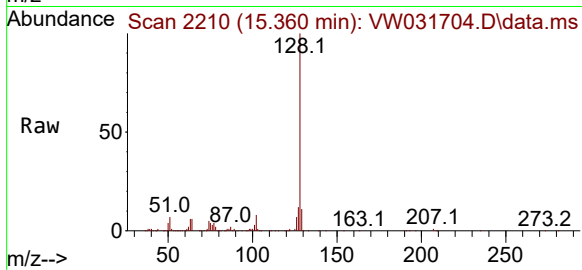
Tgt Ion:128 Resp: 191229

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 26.22 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031704.D

Acq: 09 May 2025 15:23

Tgt Ion:180 Resp: 84443

Ion Ratio Lower Upper

180 100

182 94.3 77.3 115.9

145 35.8 28.6 43.0

