

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031960.D
 Acq On : 30 Jul 2025 14:12
 Operator : SY/MD
 Sample : Q2728-01
 Misc : 4.79g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 7211931-VNJ240

Quant Time: Jul 31 02:31:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	168763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	369095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136391	53.425	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	106.840%
35) Dibromofluoromethane	7.904	113	117711	46.933	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.860%
50) Toluene-d8	10.325	98	434838	45.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.617	95	161845	44.404	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	88.800%

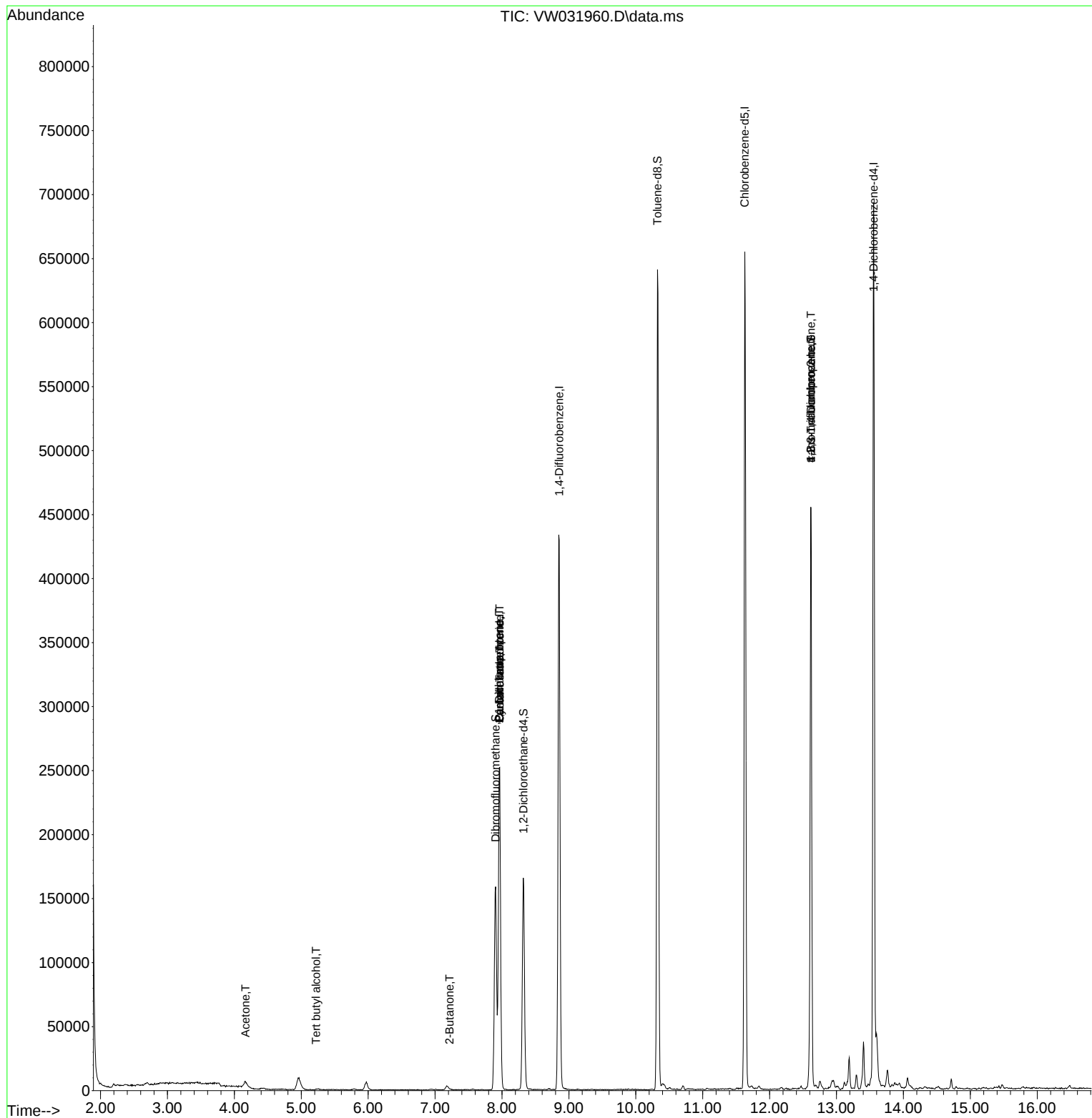
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.222	59	173	1.153	ug/l #	72
13) Acrolein	3.948	56	199	Below Cal	#	1
16) Acetone	4.167	43	6308	10.413	ug/l #	86
20) Methylene Chloride	4.954	84	9486	Below Cal		90
25) 2-Butanone	7.215	43	1085	1.309	ug/l #	89
31) Cyclohexane	7.965	56	4533	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	16217	4.210	ug/l #	50
38) Carbon Tetrachloride	7.965	117	19756	5.345	ug/l #	19
76) 1,2,3-Trichloropropane	12.617	75	83496	35.355	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	83496	81.625	ug/l #	8

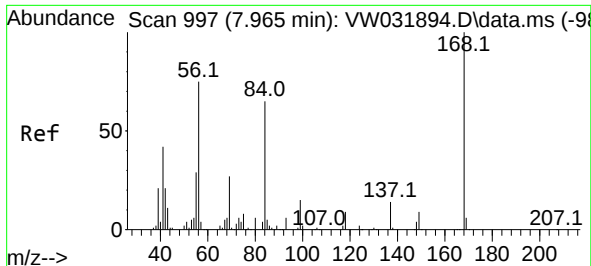
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
Data File : VW031960.D
Acq On : 30 Jul 2025 14:12
Operator : SY/MD
Sample : Q2728-01
Misc : 4.79g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240

Quant Time: Jul 31 02:31:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

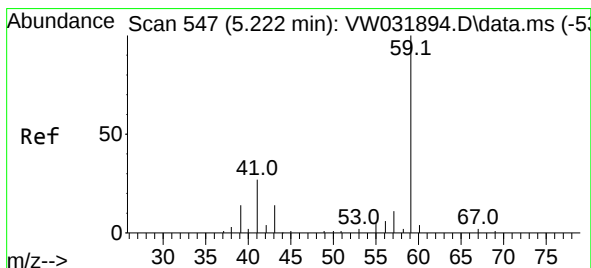
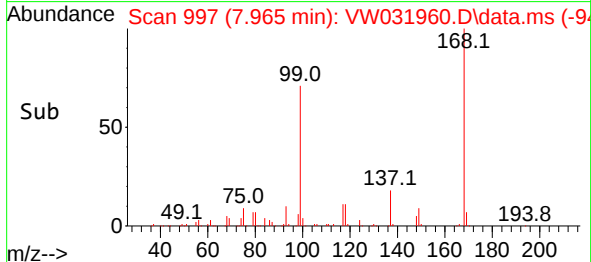
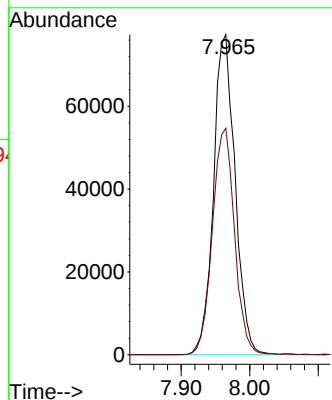
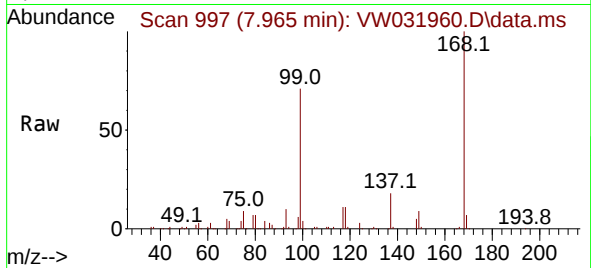




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

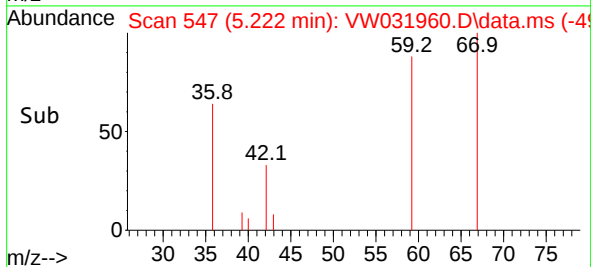
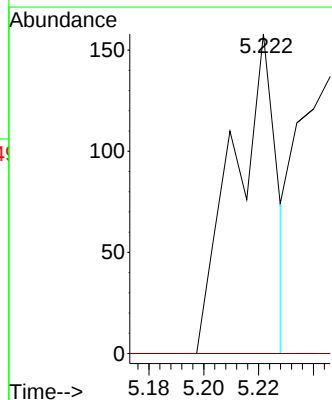
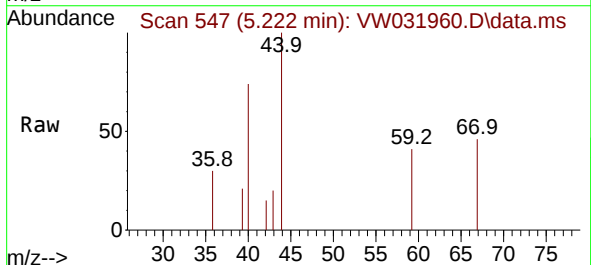
Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240

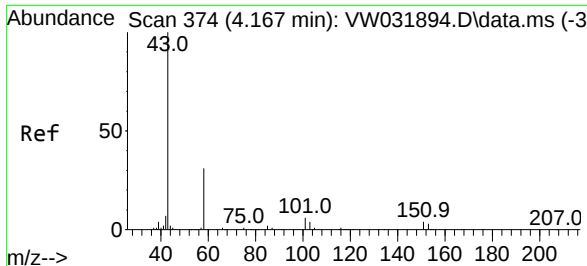
Tgt Ion:168 Resp: 168763
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.2



#11
Tert butyl alcohol
Concen: 1.153 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

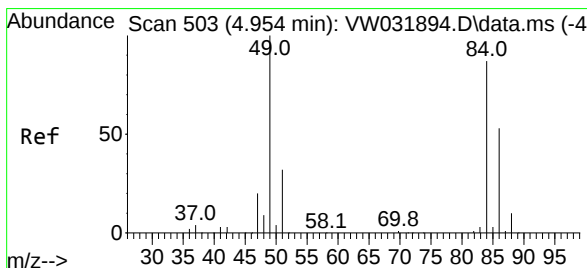
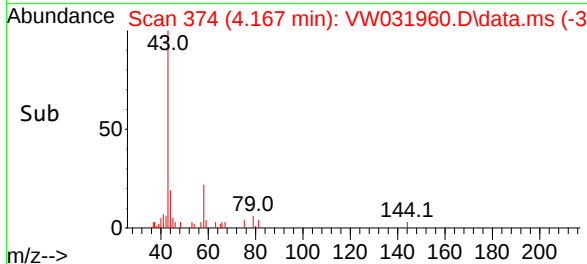
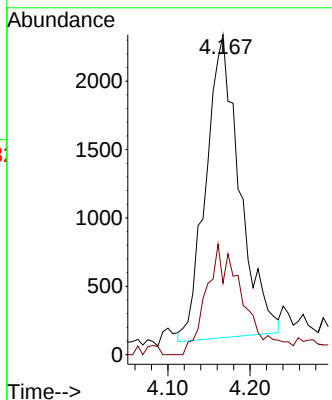
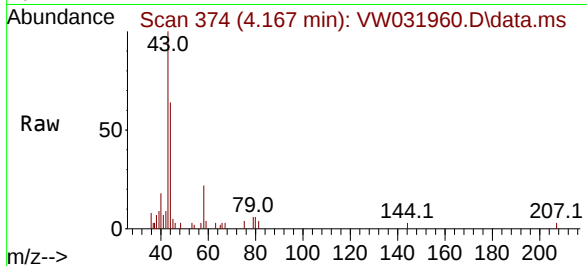




#16
Acetone
Concen: 10.413 ug/l
RT: 4.167 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

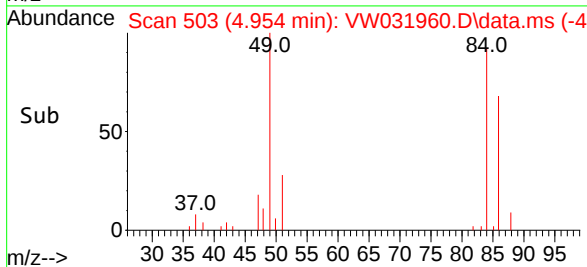
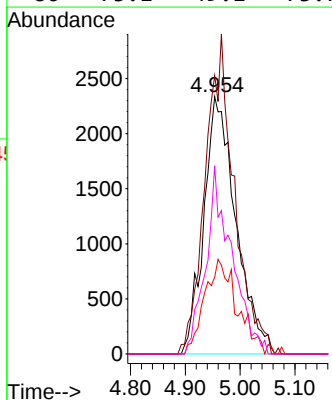
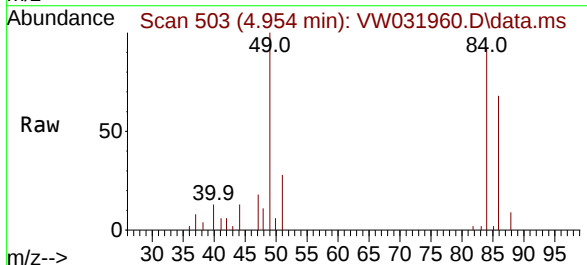
Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240

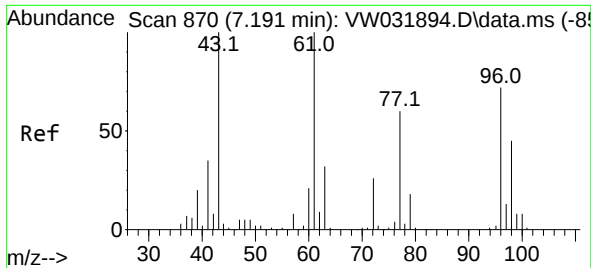
Tgt Ion: 43 Resp: 6308
Ion Ratio Lower Upper
43 100
58 24.0 25.5 38.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

Tgt Ion: 84 Resp: 9486
Ion Ratio Lower Upper
84 100
49 108.3 91.9 137.9
51 29.9 29.0 43.6
86 73.1 49.1 73.7

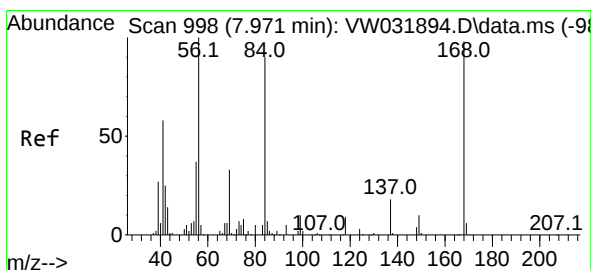
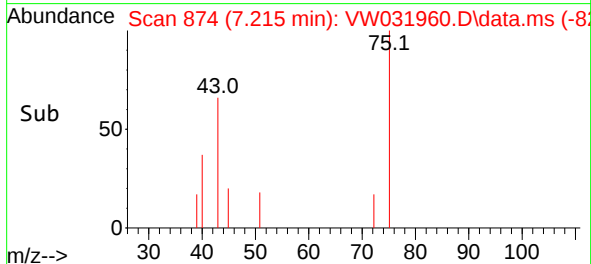
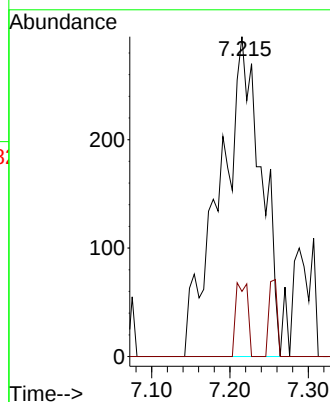
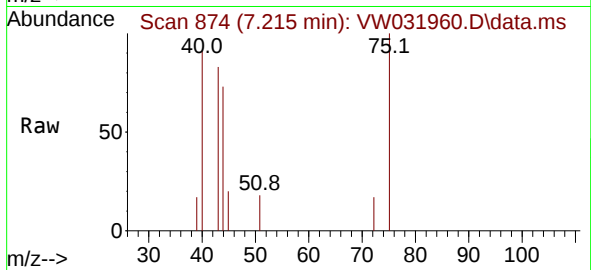




#25
2-Butanone
Concen: 1.309 ug/l
RT: 7.215 min Scan# 81
Delta R.T. 0.024 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

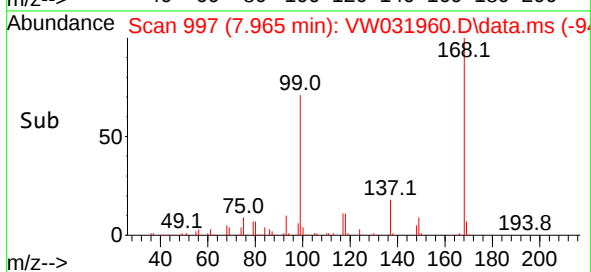
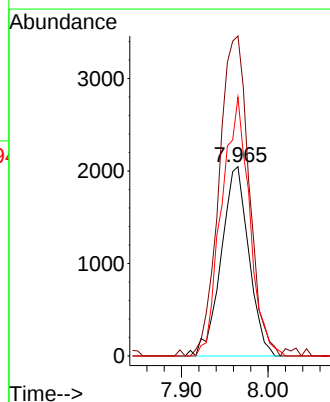
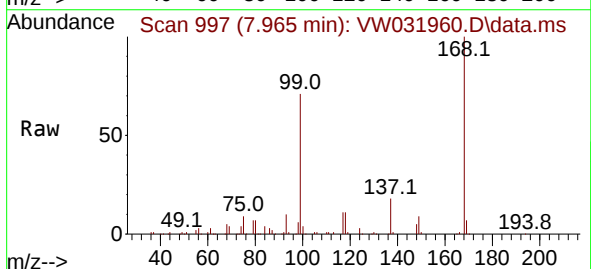
Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240

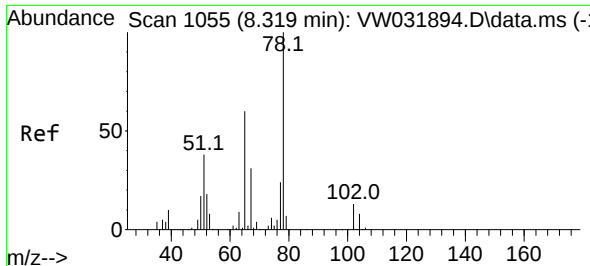
Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
72 20.3 20.8 31.2#



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

Tgt Ion: 56 Resp: 4533
Ion Ratio Lower Upper
56 100
69 169.0 26.7 40.1#
84 136.6 71.8 107.6#

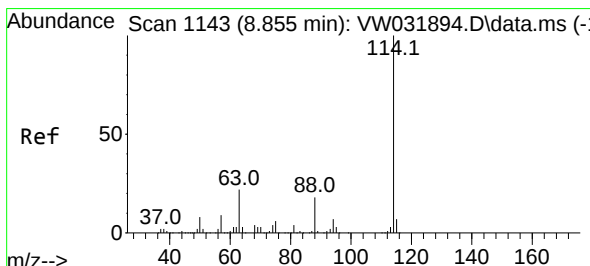
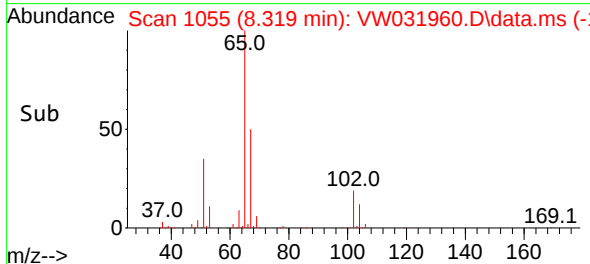
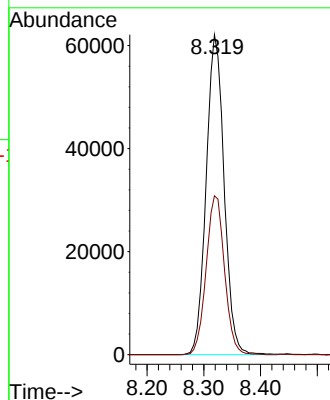
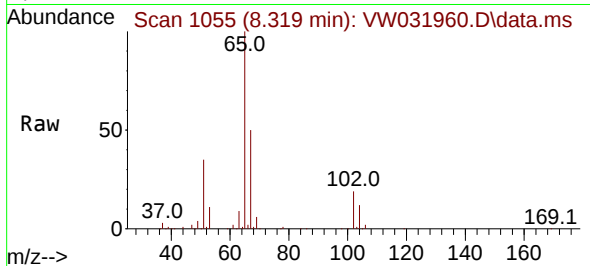




#33
 1,2-Dichloroethane-d4
 Concen: 53.425 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

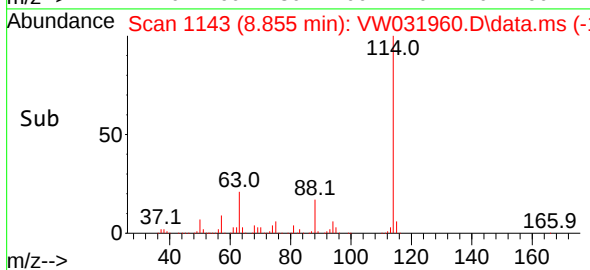
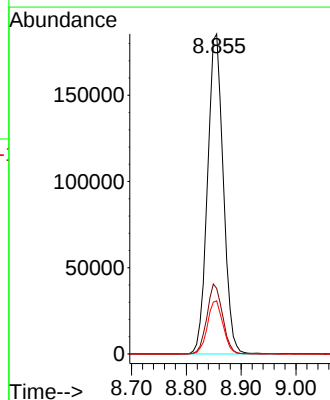
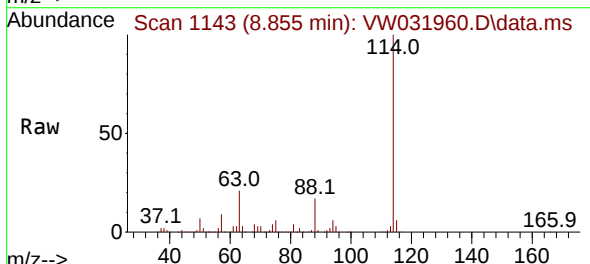
Instrument :
 MSVOA_W
 ClientSampleId :
 7211931-VNJ240

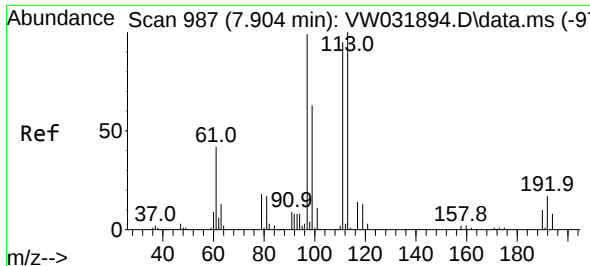
Tgt Ion: 65 Resp: 136391
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

Tgt Ion: 114 Resp: 369095
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.2
 88 16.6 0.0 35.6

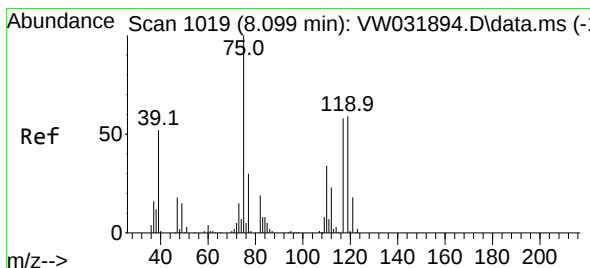
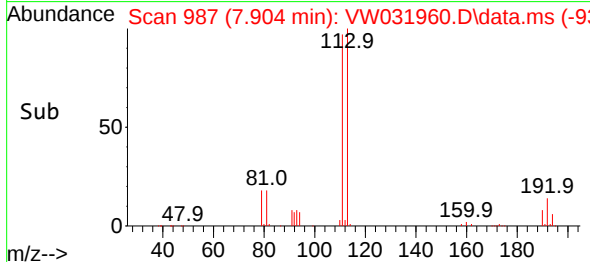
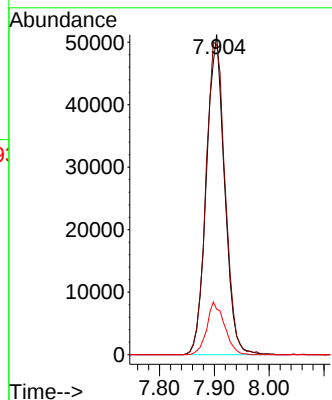
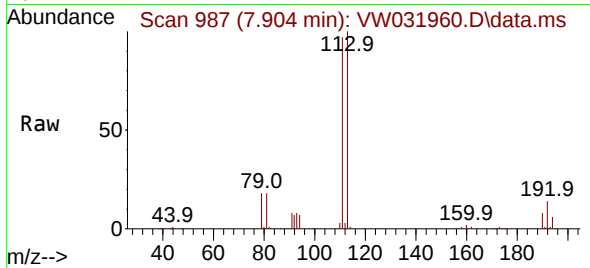




#35
 Dibromofluoromethane
 Concen: 46.933 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

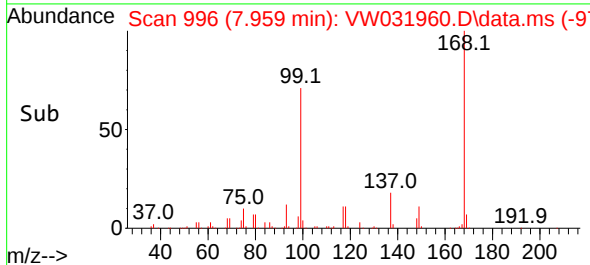
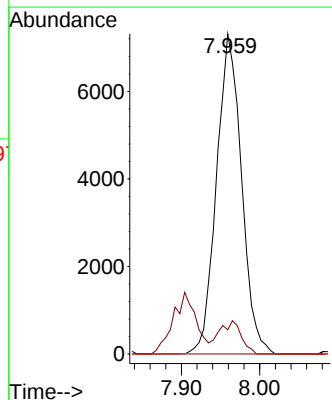
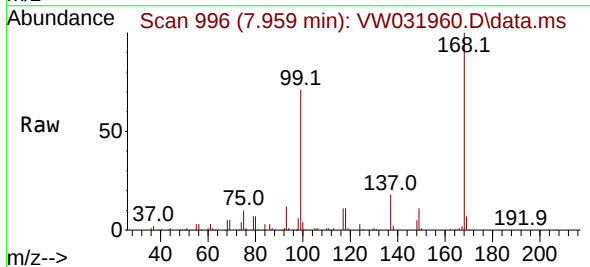
Instrument :
 MSVOA_W
 ClientSampleId :
 7211931-VNJ240

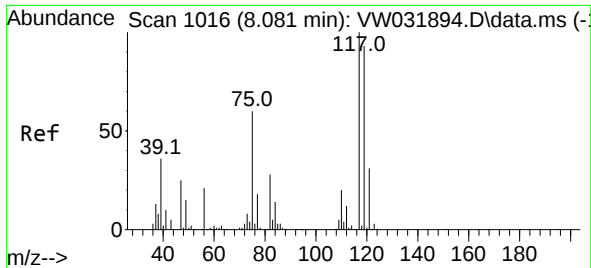
Tgt Ion:113 Resp: 117711
 Ion Ratio Lower Upper
 113 100
 111 103.0 79.9 119.9
 192 16.0 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 4.210 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

Tgt Ion: 75 Resp: 16217
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 50.9#
 77 0.0 25.1 37.7#

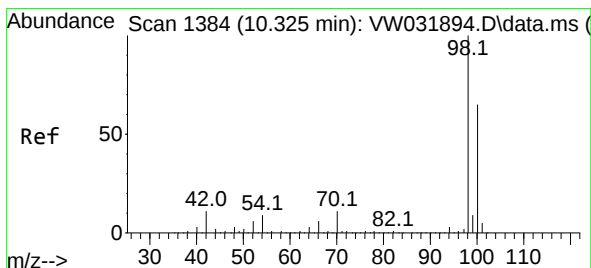
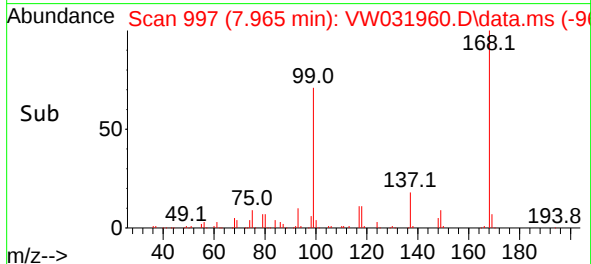
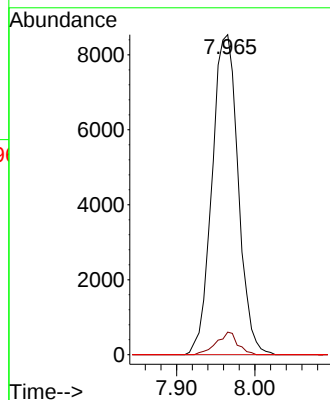
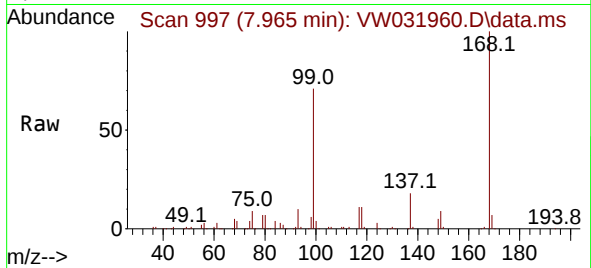




#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.116 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

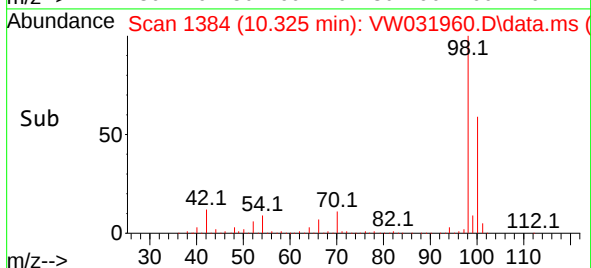
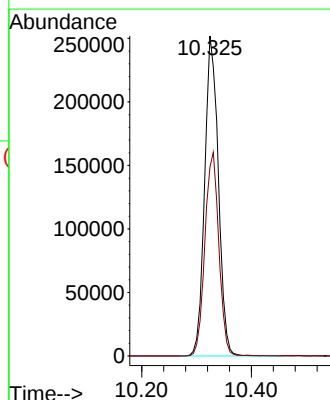
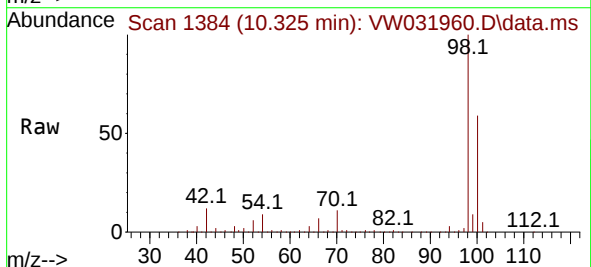
Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240

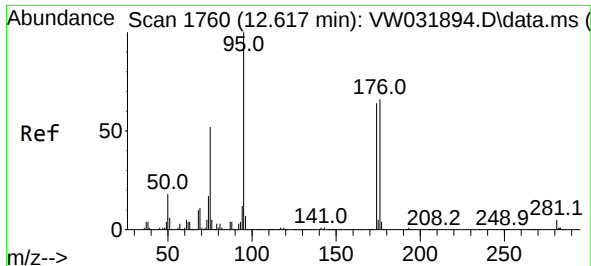
Tgt Ion:117 Resp: 19756
Ion Ratio Lower Upper
117 100
119 7.0 74.3 111.5#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.810 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

Tgt Ion: 98 Resp: 434838
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

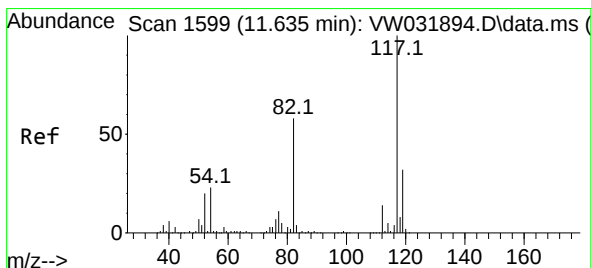
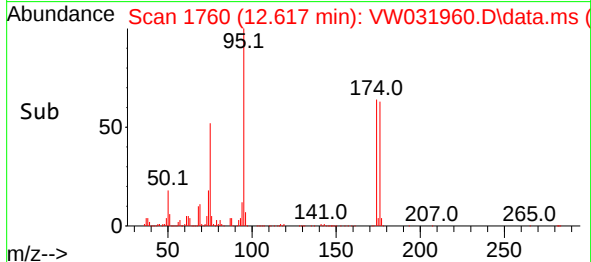
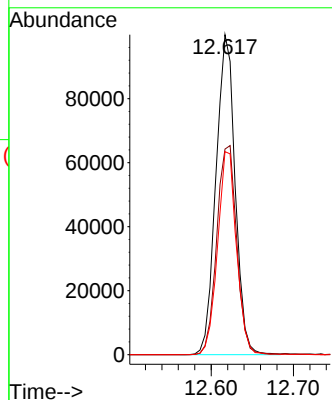
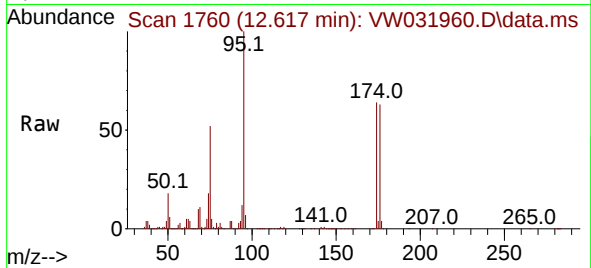




#62
4-Bromofluorobenzene
Concen: 44.404 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

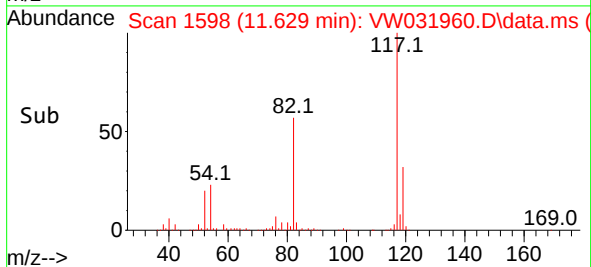
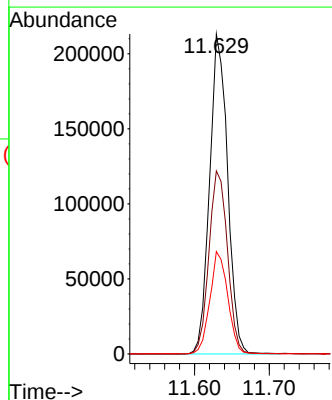
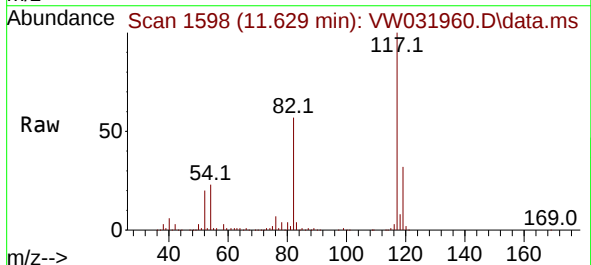
Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240

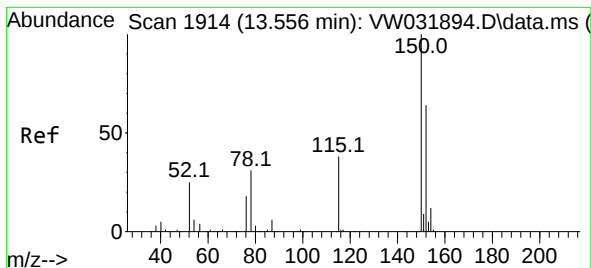
Tgt Ion: 95 Resp: 161845
Ion Ratio Lower Upper
95 100
174 68.1 0.0 129.8
176 62.6 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

Tgt Ion: 117 Resp: 357569
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 31.9 25.8 38.6

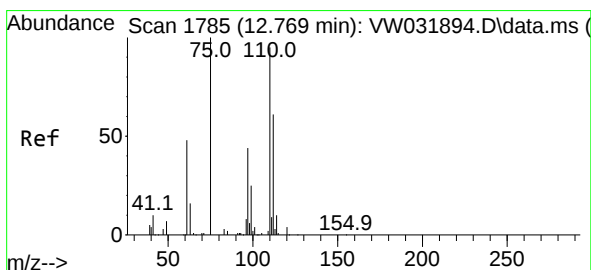
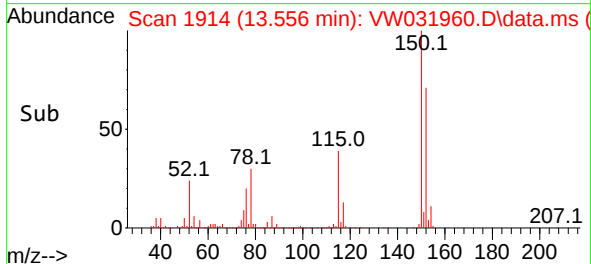
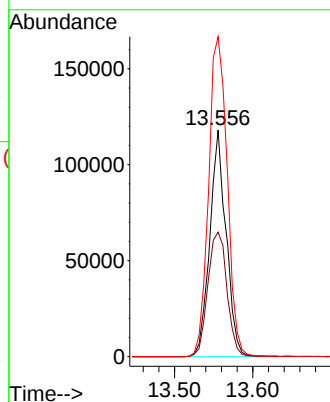
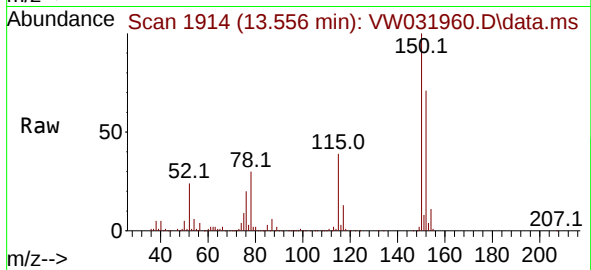




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

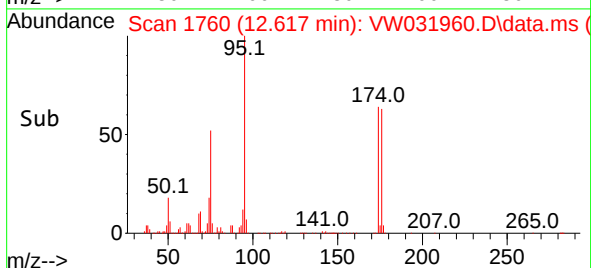
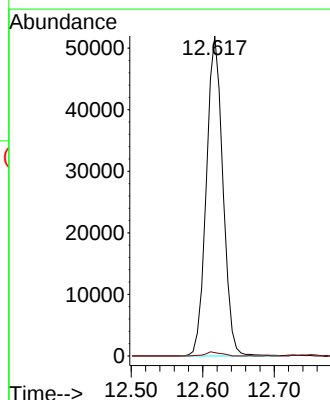
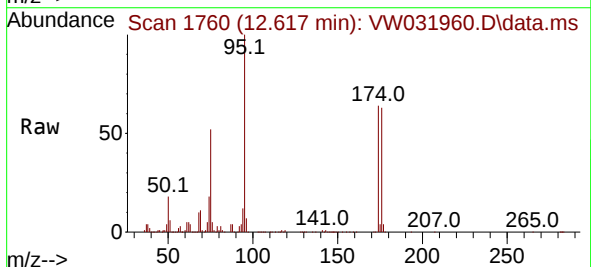
Instrument :
 MSVOA_W
 ClientSampleId :
 7211931-VNJ240

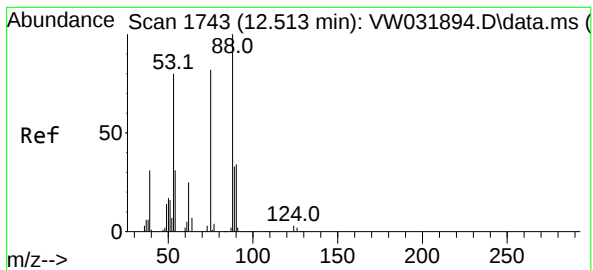
Tgt Ion:152 Resp: 171053
 Ion Ratio Lower Upper
 152 100
 115 64.3 33.4 100.1
 150 160.8 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 35.355 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.152 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

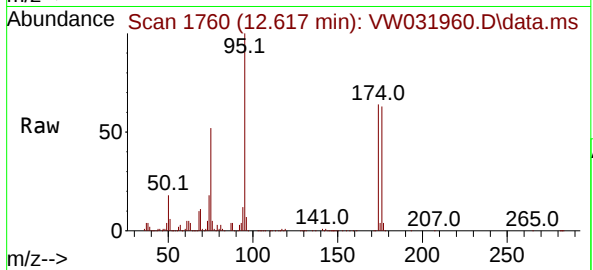
Tgt Ion: 75 Resp: 83496
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.625 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240



Tgt Ion:	75	Resp:	83496
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	0.0	39.0	58.6#

