

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022800.D
 Acq On : 24 Jun 2025 16:16
 Operator : SY/MD
 Sample : Q2393-12
 Misc : 6.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PARK AVE -6

Quant Time: Jun 25 01:28:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

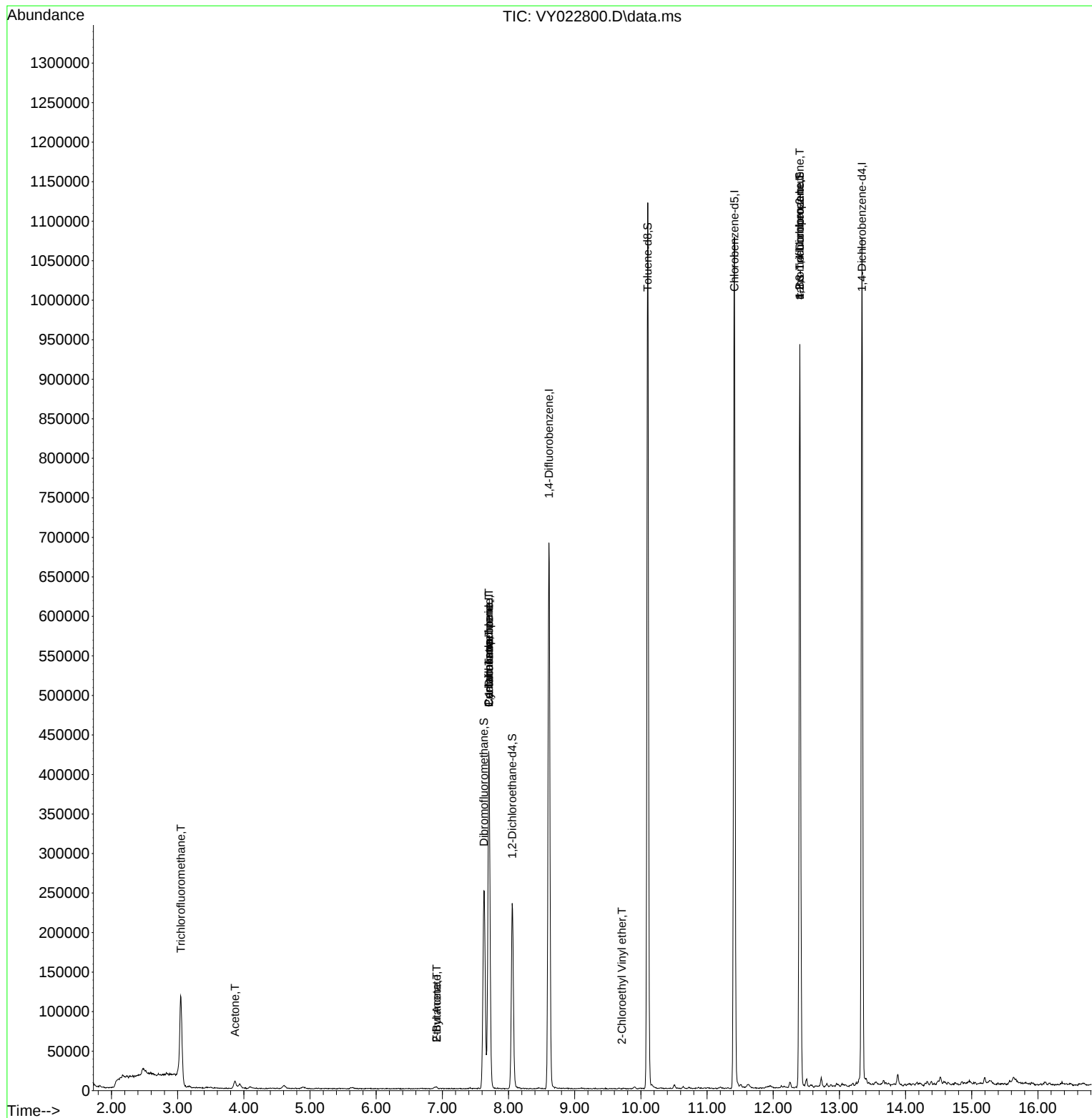
Internal Standards						
1) Pentafluorobenzene	7.701	168	326857	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	591695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	562315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	253297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	182513	50.030	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.628	113	180799	50.244	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.480%			
50) Toluene-d8	10.103	98	704656	49.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.401	95	248893	54.222	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.440%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.049	101	110190	14.925	ug/l	94
16) Acetone	3.866	43	16416	23.808	ug/l	91
25) 2-Butanone	6.915	43	3613	3.600	ug/l	96
31) Cyclohexane	7.701	56	7769	1.240	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	27457	5.034	ug/l #	51
37) Ethyl Acetate	6.915	43	3613	1.535	ug/l #	69
38) Carbon Tetrachloride	7.701	117	32789	5.697	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.713	63	73	15.689	ug/l #	48
76) 1,2,3-Trichloropropane	12.401	75	140347	54.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	140347	137.115	ug/l #	10

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

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PARK AVE -6

Quant Time: Jun 25 01:28:05 2025
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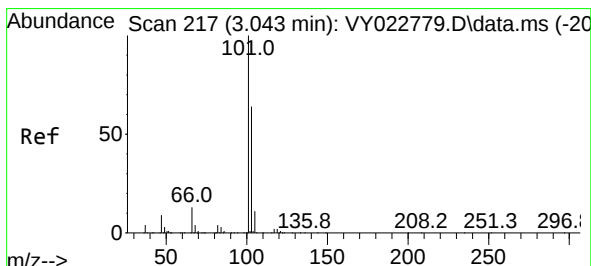
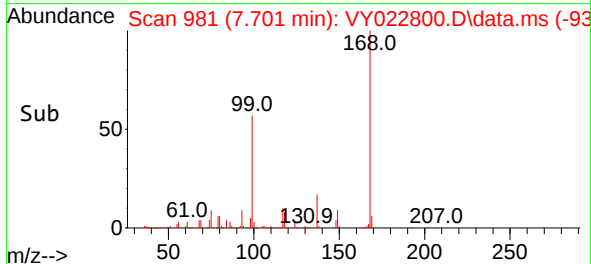
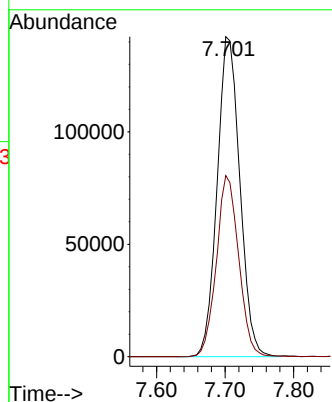
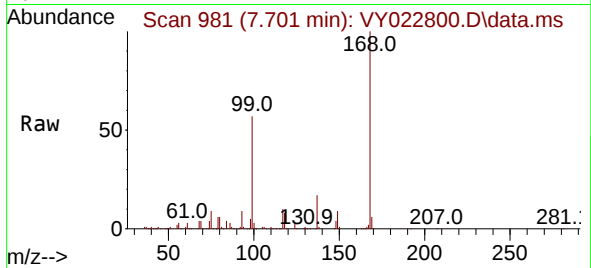




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

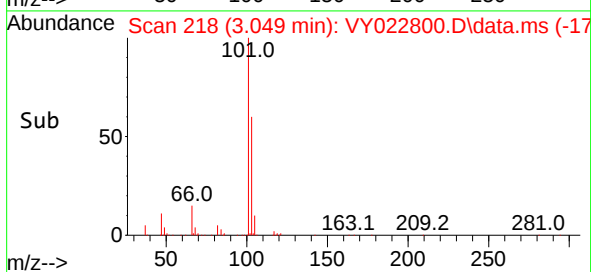
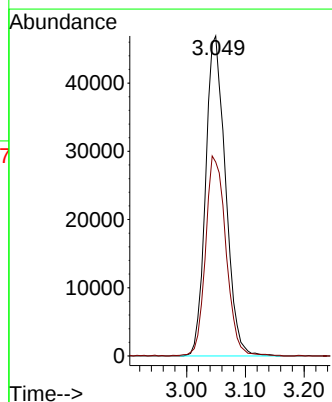
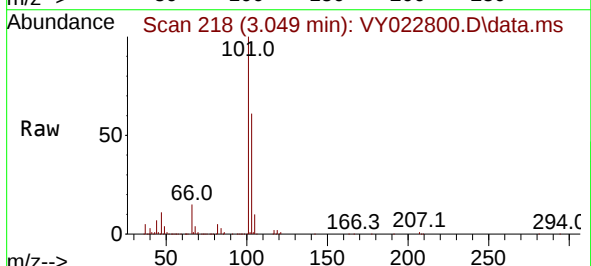
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

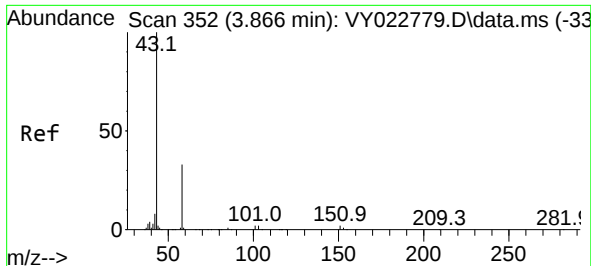
Tgt Ion:168 Resp: 326857
Ion Ratio Lower Upper
168 100
99 56.6 44.3 66.5



#7
Trichlorofluoromethane
Concen: 14.925 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion:101 Resp: 110190
Ion Ratio Lower Upper
101 100
103 60.4 52.2 78.2

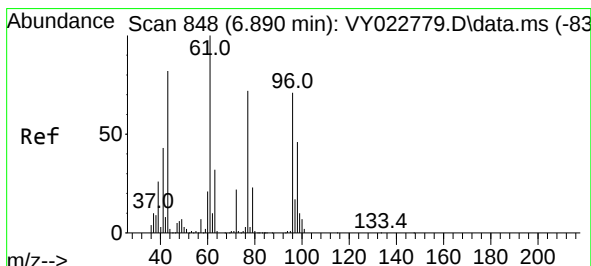
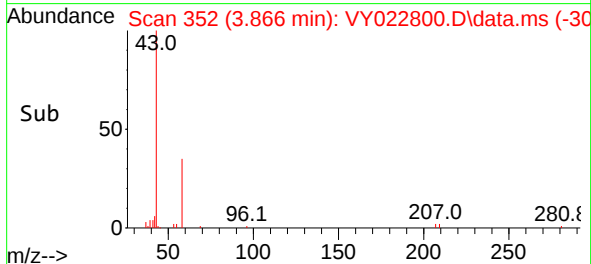
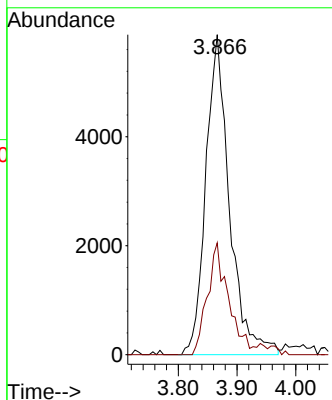
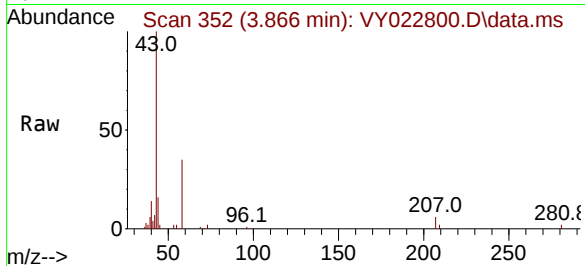




#16
Acetone
Concen: 23.808 ug/l
RT: 3.866 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

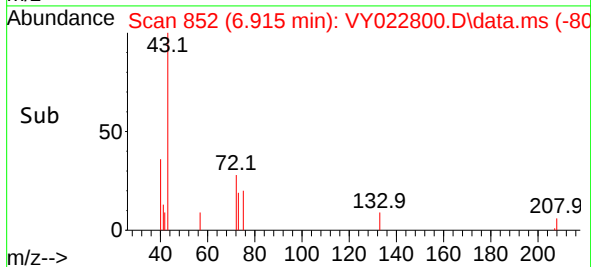
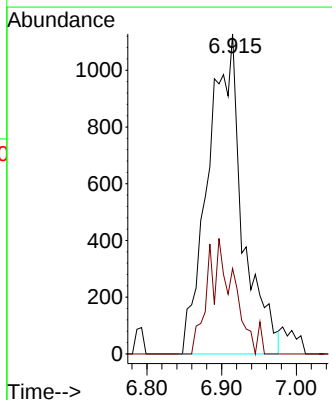
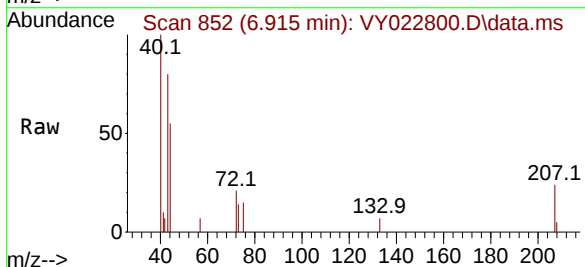
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

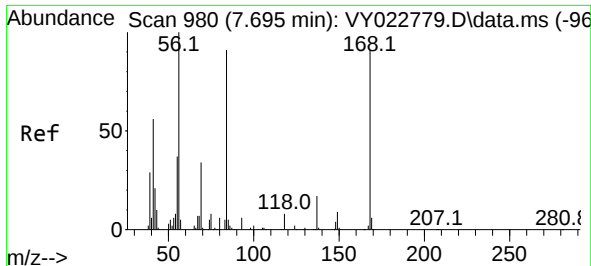
Tgt Ion: 43 Resp: 16416
Ion Ratio Lower Upper
43 100
58 35.0 24.0 36.0



#25
2-Butanone
Concen: 3.600 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion: 43 Resp: 3613
Ion Ratio Lower Upper
43 100
72 26.7 22.9 34.3

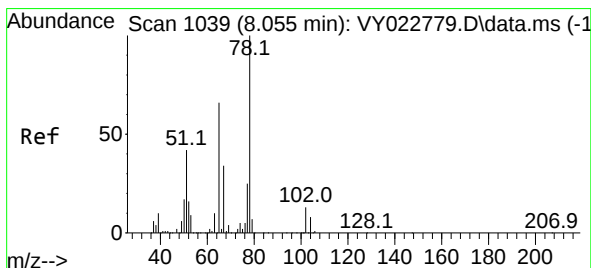
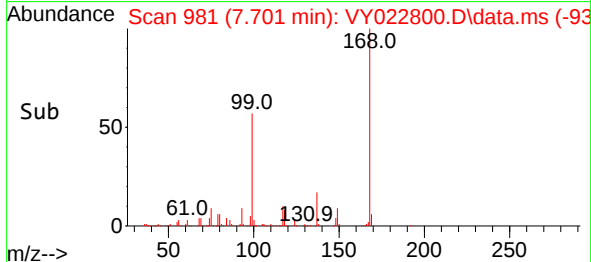
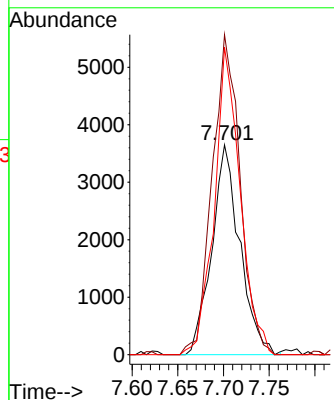
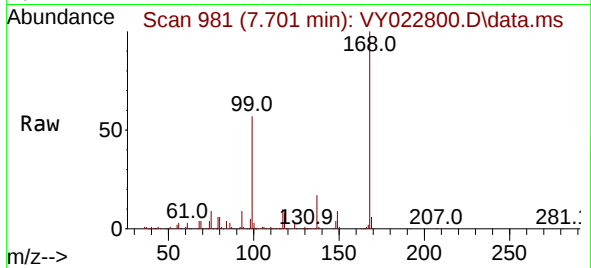




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

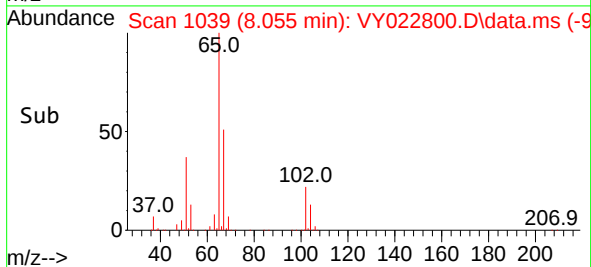
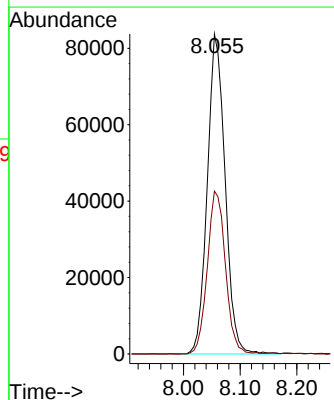
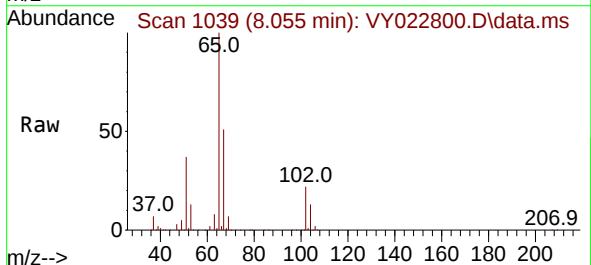
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

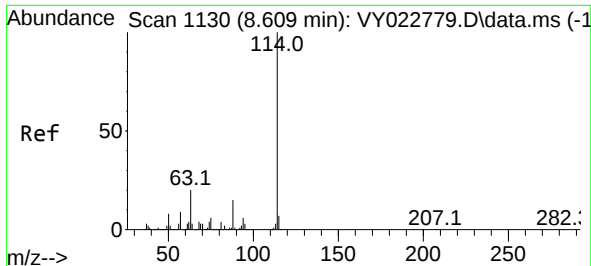
Tgt Ion: 56 Resp: 7769
Ion Ratio Lower Upper
56 100
69 152.6 27.0 40.6#
84 146.5 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 50.030 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion: 65 Resp: 182513
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

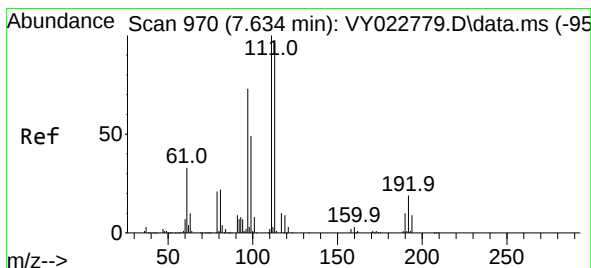
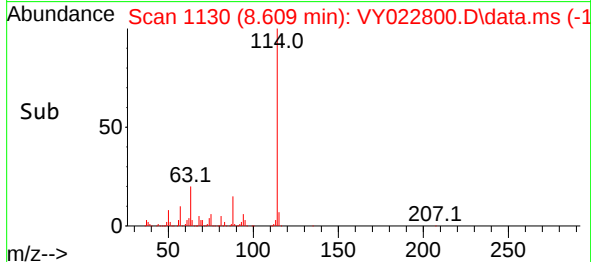
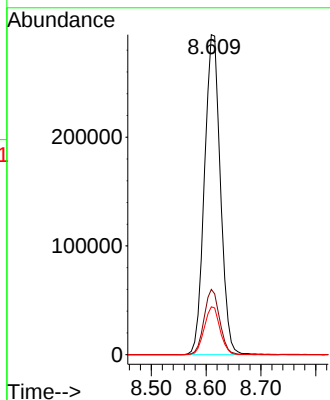
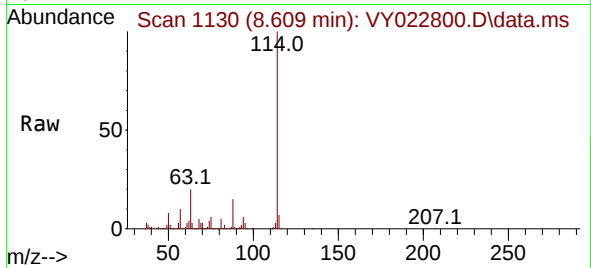




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

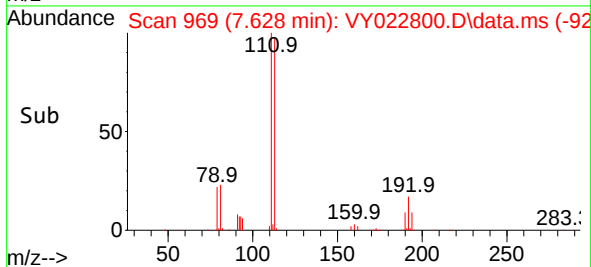
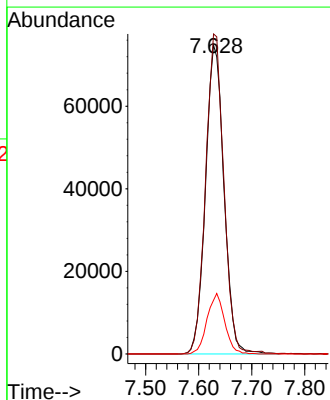
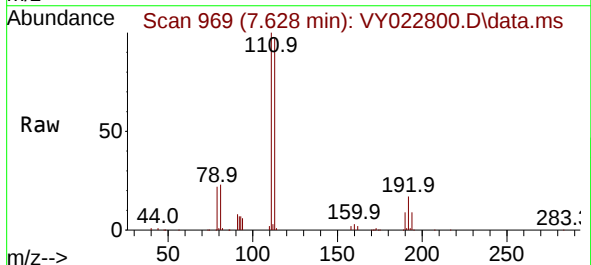
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

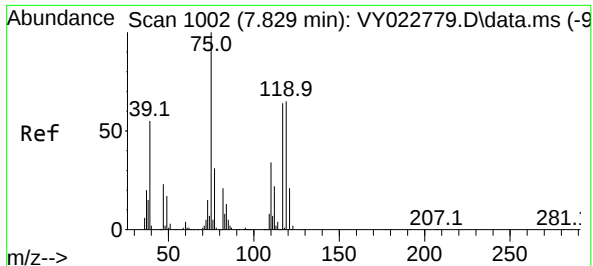
Tgt Ion:114 Resp: 591695
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 14.9 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion:113 Resp: 180799
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 18.8 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.034 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY022800.D

Acq: 24 Jun 2025 16:16

Instrument :

MSVOA_Y

ClientSampleId :

PARK AVE -6

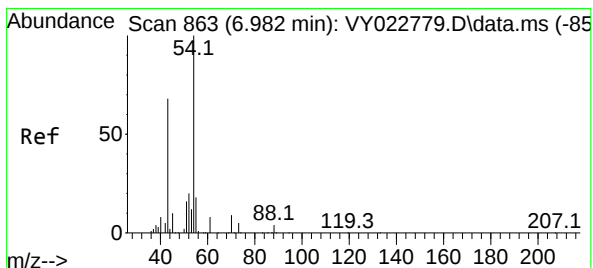
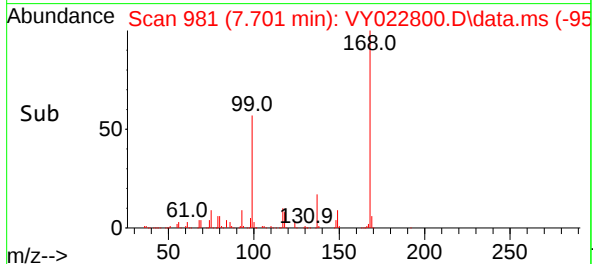
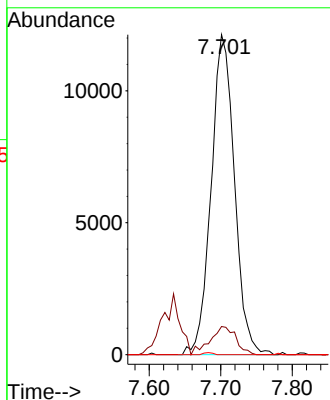
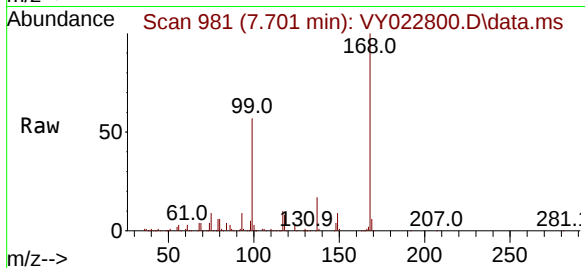
Tgt Ion: 75 Resp: 27457

Ion Ratio Lower Upper

75 100

110 9.1 16.9 50.7#

77 0.3 24.8 37.2#



#37

Ethyl Acetate

Concen: 1.535 ug/l

RT: 6.915 min Scan# 852

Delta R.T. -0.079 min

Lab File: VY022800.D

Acq: 24 Jun 2025 16:16

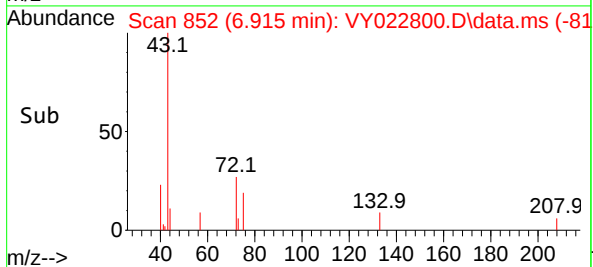
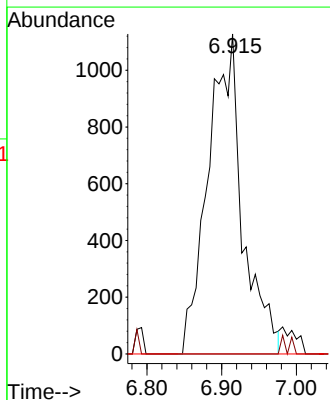
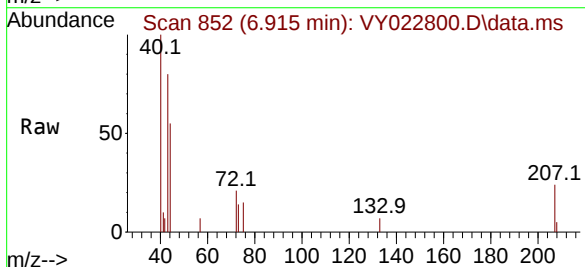
Tgt Ion: 43 Resp: 3613

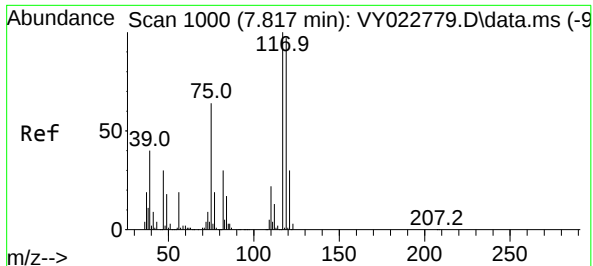
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.2 10.8#

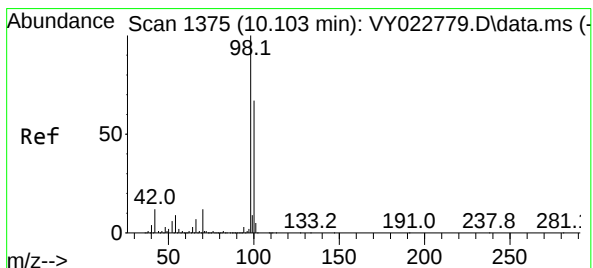
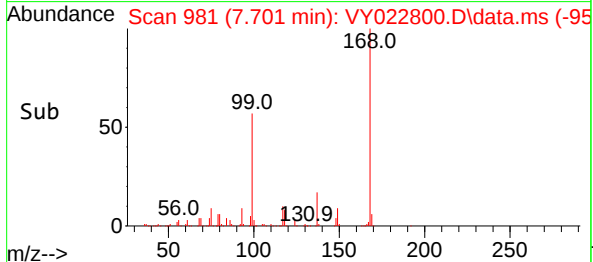
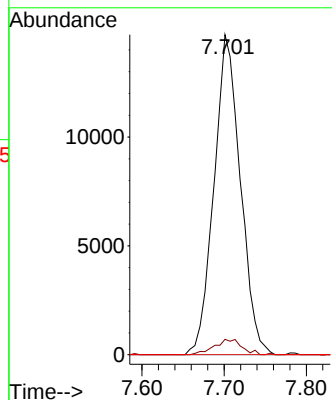
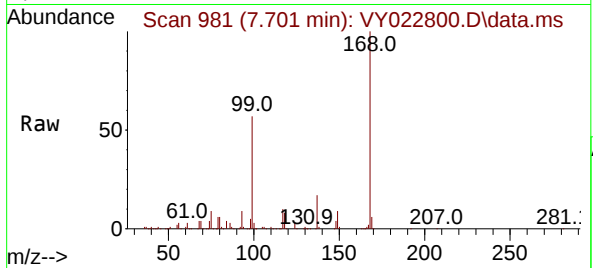




#38
Carbon Tetrachloride
Concen: 5.697 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

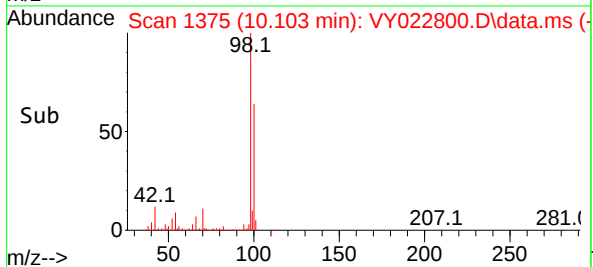
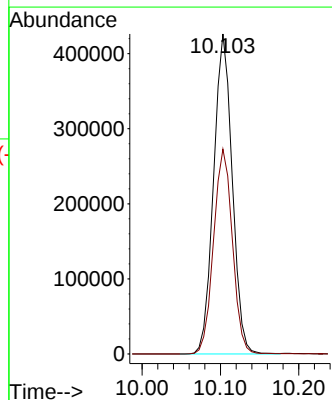
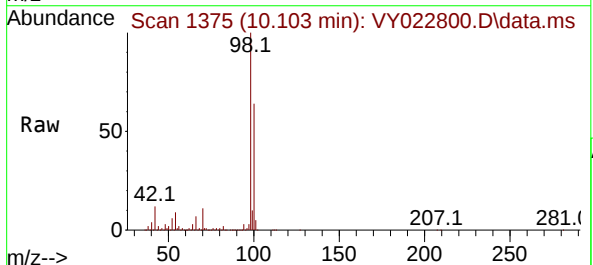
Instrument :
MSVOA_Y
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PARK AVE -6

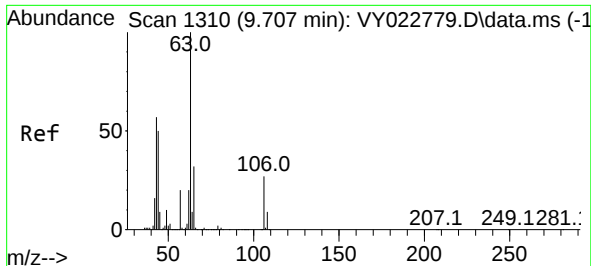
Tgt Ion:117 Resp: 32789
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.349 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion: 98 Resp: 704656
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

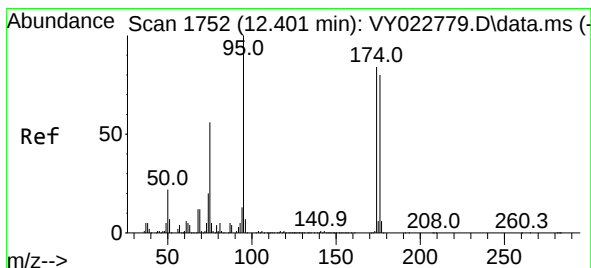
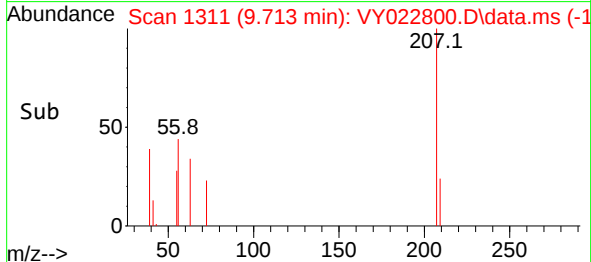
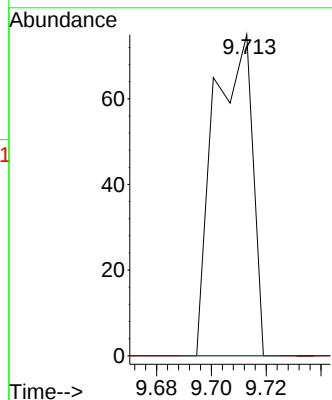
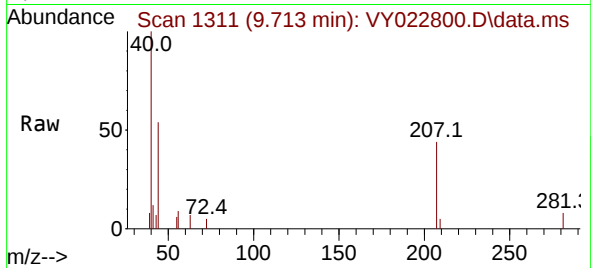




#58
2-Chloroethyl Vinyl ether
Concen: 15.689 ug/l
RT: 9.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

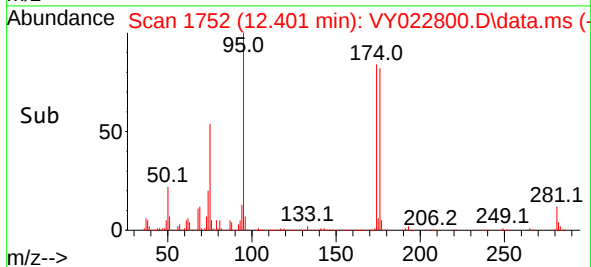
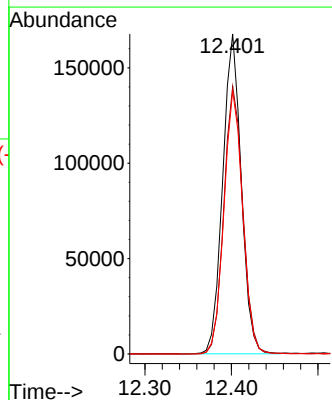
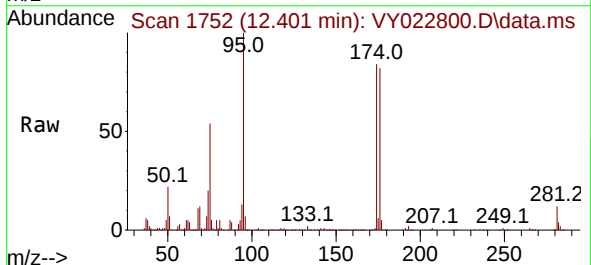
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

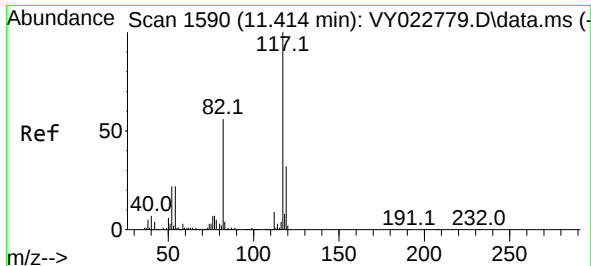
Tgt Ion: 63 Resp: 73
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 54.222 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion: 95 Resp: 248893
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.0
176 83.3 0.0 166.2

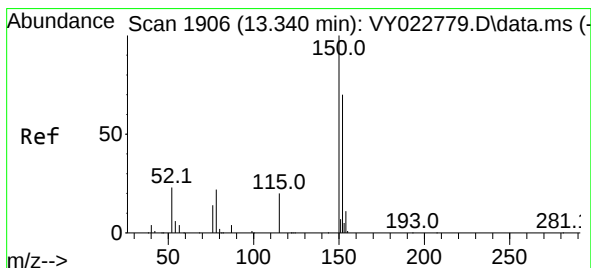
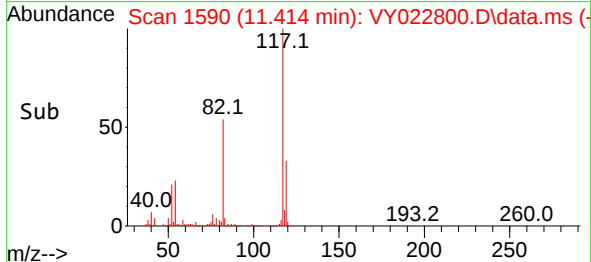
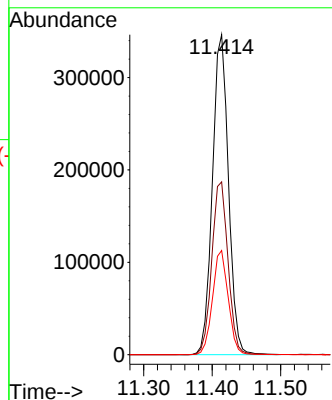
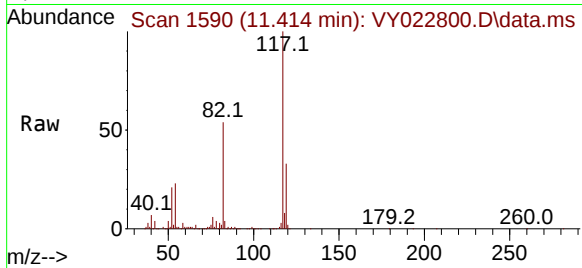




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

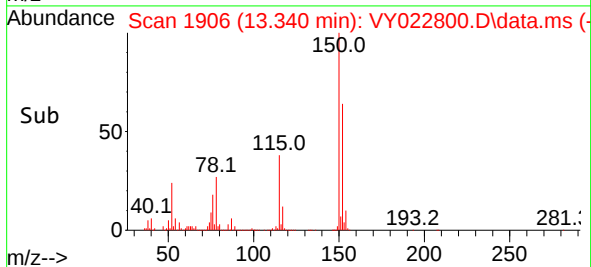
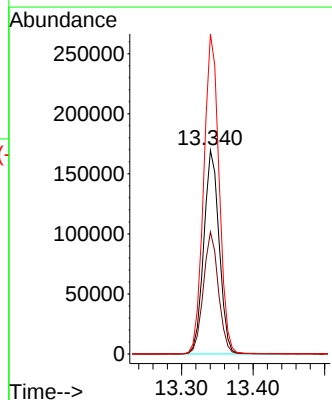
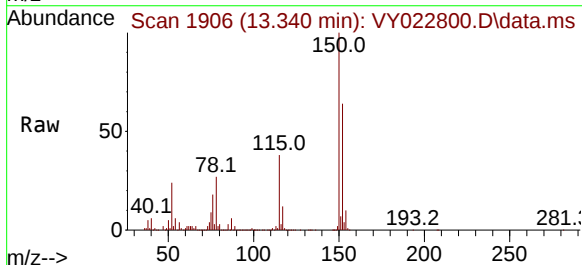
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

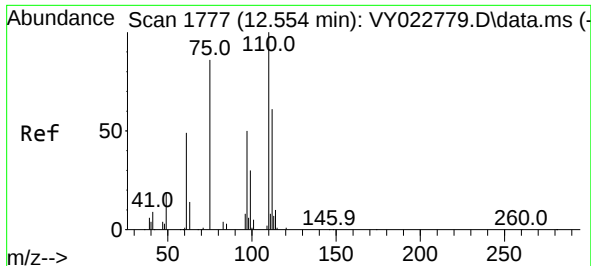
Tgt Ion:117 Resp: 562315
Ion Ratio Lower Upper
117 100
82 54.0 44.6 66.8
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion:152 Resp: 253297
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.7
150 157.5 0.0 349.6

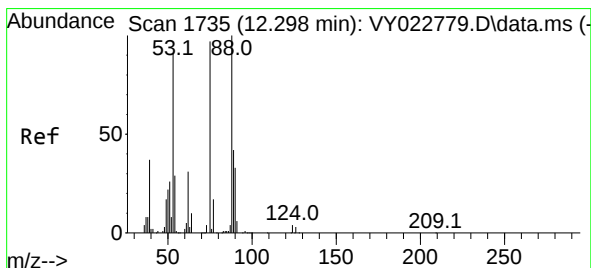
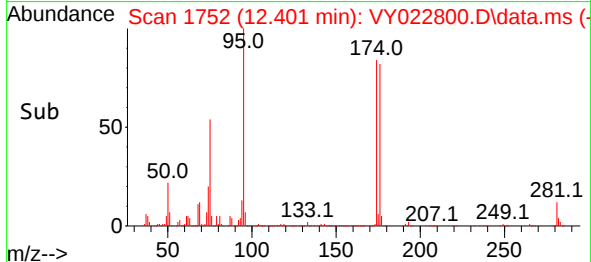
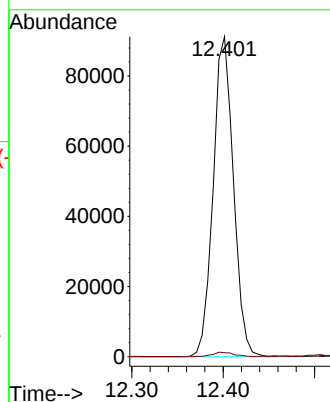
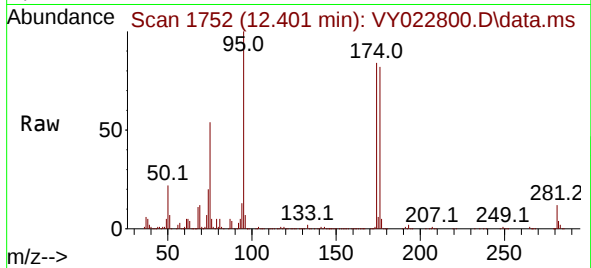




#76
1,2,3-Trichloropropane
Concen: 54.273 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

Tgt Ion: 75 Resp: 140347
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.115 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion: 75 Resp: 140347
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#

