

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022796.D
 Acq On : 24 Jun 2025 14:42
 Operator : SY/MD
 Sample : Q2393-04
 Misc : 8.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PARK AVE -2

Quant Time: Jun 25 01:26:32 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

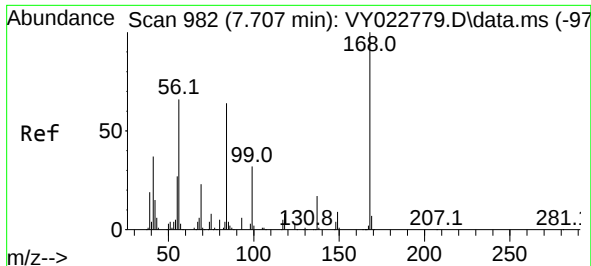
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	303546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	553566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	552957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	278890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	189174	55.838	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.680%	
35) Dibromofluoromethane	7.628	113	175070	52.003	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.000%	
50) Toluene-d8	10.103	98	667750	49.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.401	95	262300	61.079	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	843	1.316	ug/l	96
20) Methylene Chloride	4.604	84	4274	1.057	ug/l	96
31) Cyclohexane	7.701	56	7394	1.271	ug/l #	24
36) 1,1-Dichloropropene	7.701	75	26033	5.102	ug/l #	51
38) Carbon Tetrachloride	7.707	117	29853	5.545	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.798	63	20	15.665	ug/l #	48
76) 1,2,3-Trichloropropane	12.401	75	149898	52.647	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	149898	133.007	ug/l #	11

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

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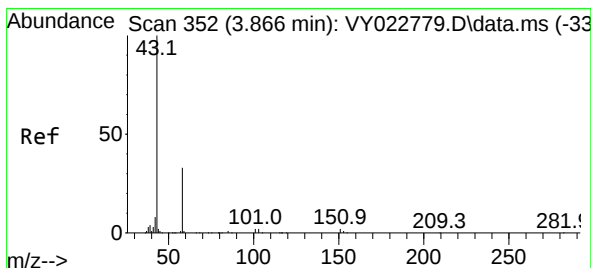
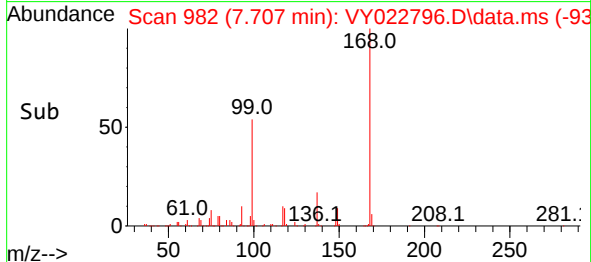
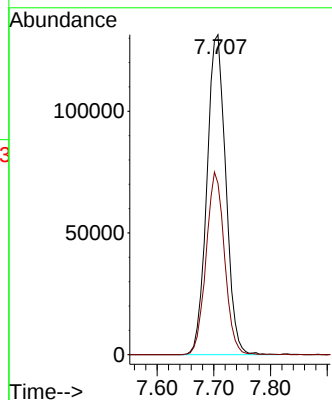
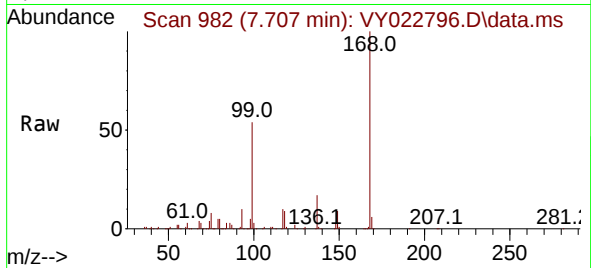




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

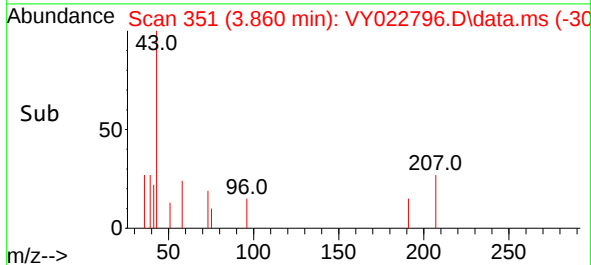
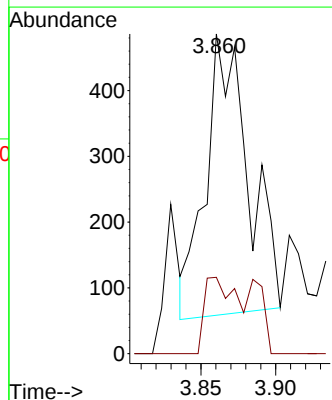
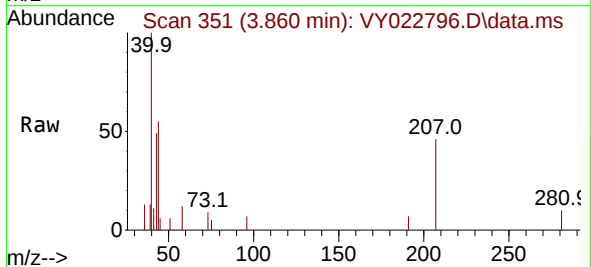
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -2

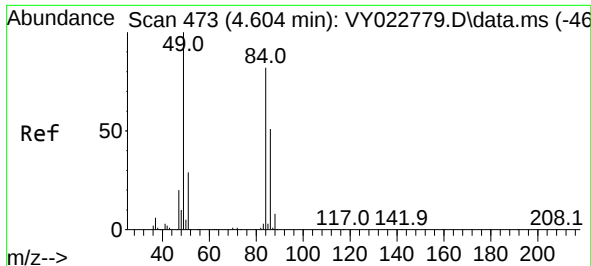
Tgt Ion:168 Resp: 303546
Ion Ratio Lower Upper
168 100
99 53.5 44.3 66.5



#16
Acetone
Concen: 1.316 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 27.9 24.0 36.0

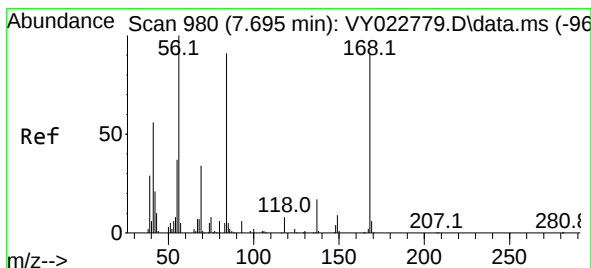
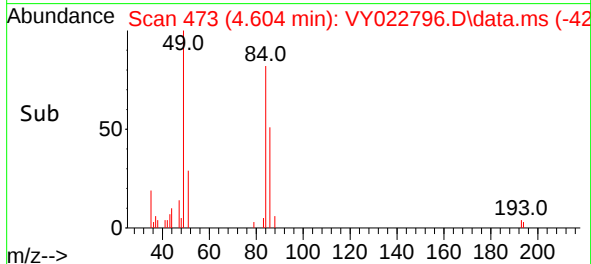
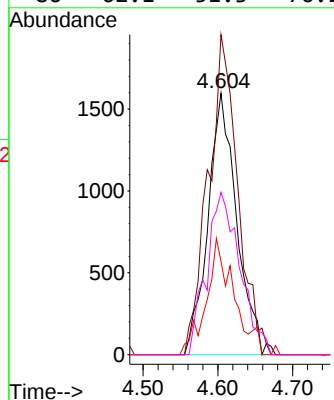
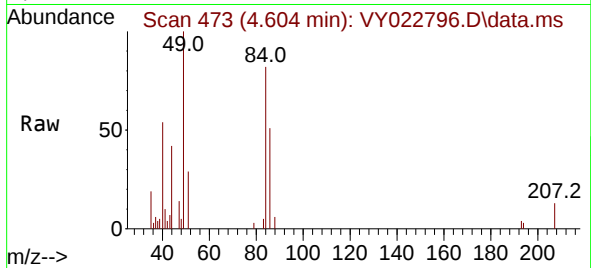




#20
Methylene Chloride
Concen: 1.057 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

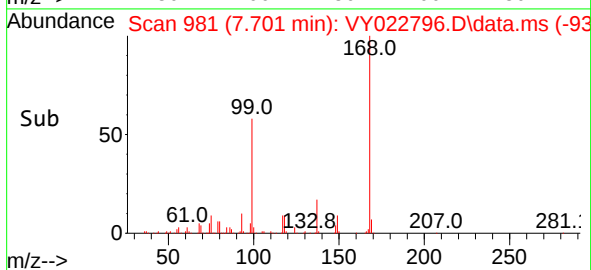
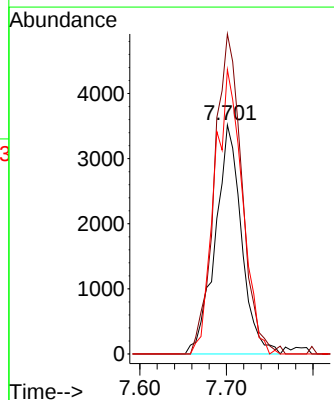
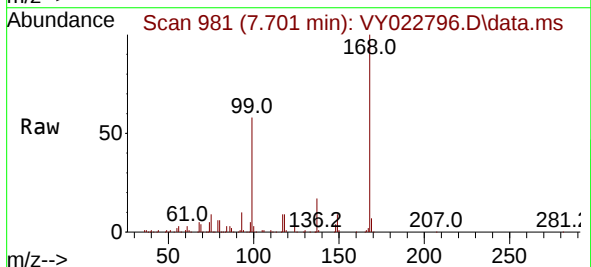
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -2

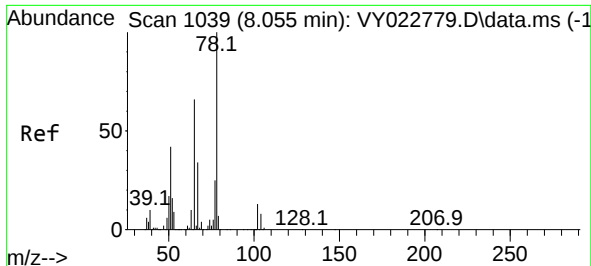
Tgt Ion:	84	Resp:	4274
Ion	Ratio	Lower	Upper
84	100		
49	122.4	101.9	152.9
51	35.7	29.8	44.8
86	62.1	51.3	76.9



#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Tgt Ion:	56	Resp:	7394
Ion	Ratio	Lower	Upper
56	100		
69	139.7	27.0	40.6#
84	124.1	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 55.838 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY022796.D

Acq: 24 Jun 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

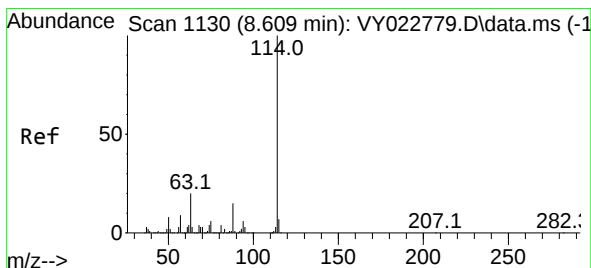
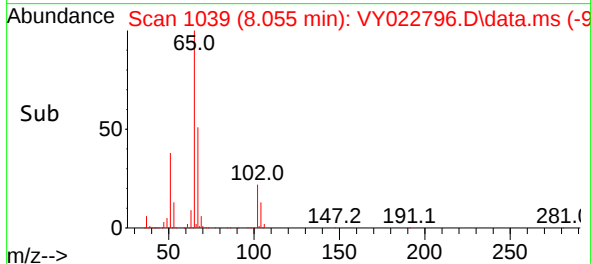
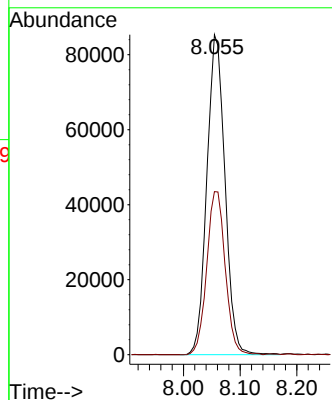
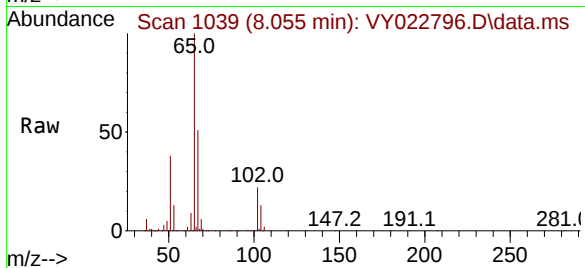
PARK AVE -2

Tgt Ion: 65 Resp: 189174

Ion Ratio Lower Upper

65 100

67 52.0 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: VY022796.D

Acq: 24 Jun 2025 14:42

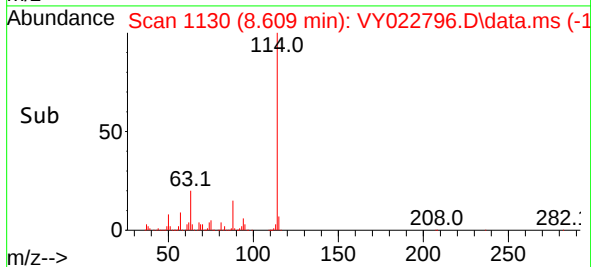
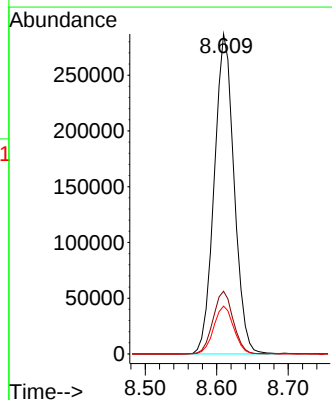
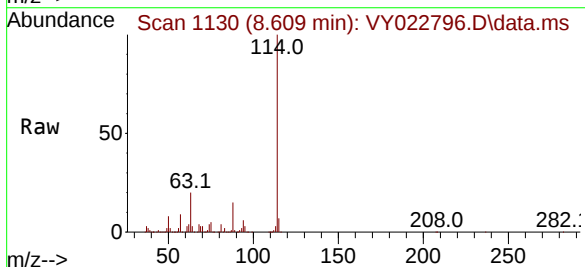
Tgt Ion: 114 Resp: 553566

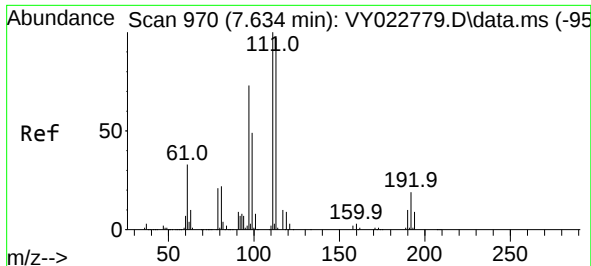
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.9 0.0 27.8

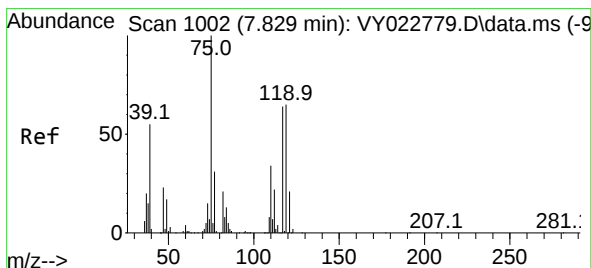
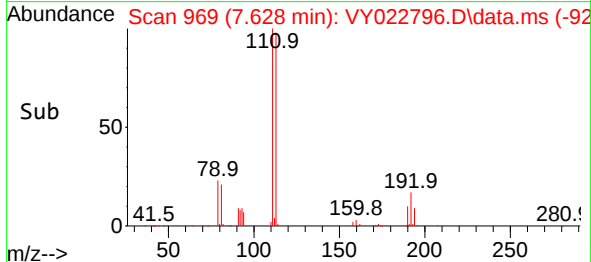
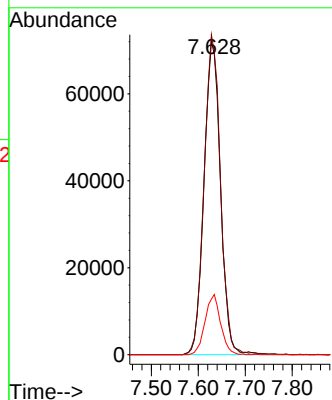
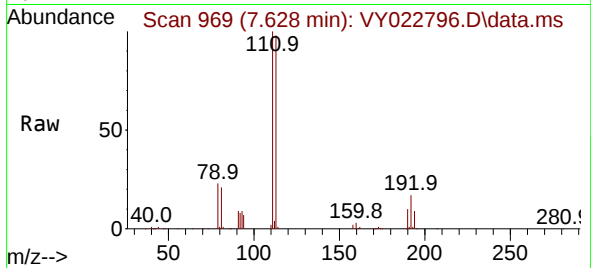




#35
Dibromofluoromethane
Concen: 52.003 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

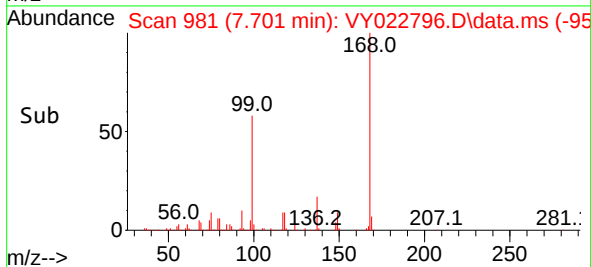
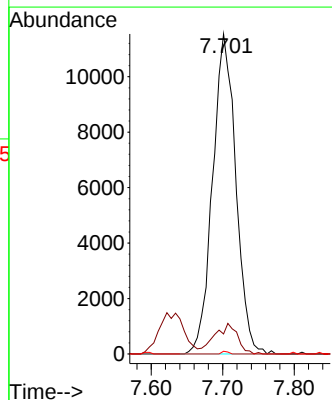
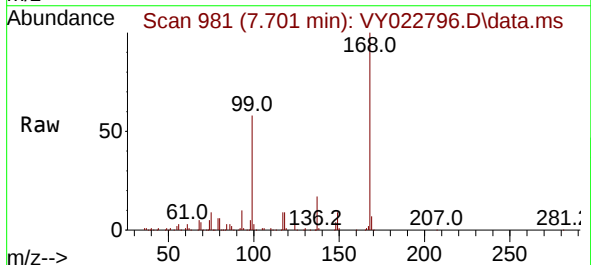
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -2

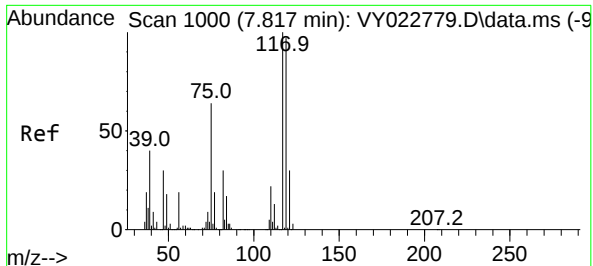
Tgt Ion:113 Resp: 175070
Ion Ratio Lower Upper
113 100
111 101.2 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Tgt Ion: 75 Resp: 26033
Ion Ratio Lower Upper
75 100
110 9.5 16.9 50.7#
77 0.2 24.8 37.2#

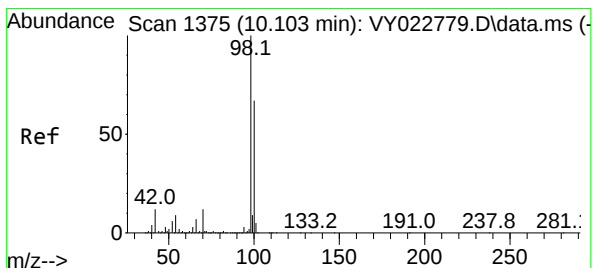
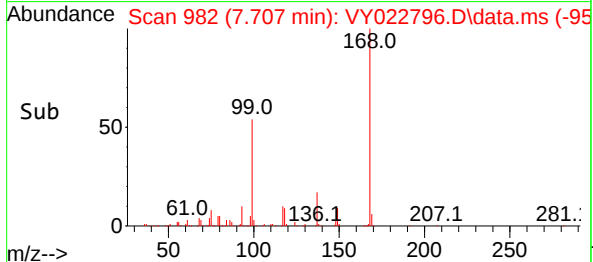
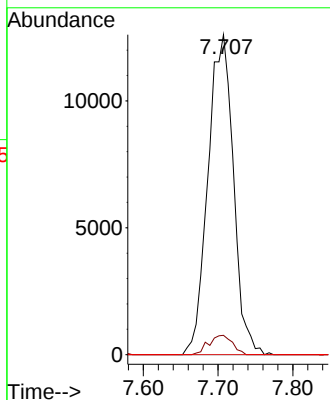
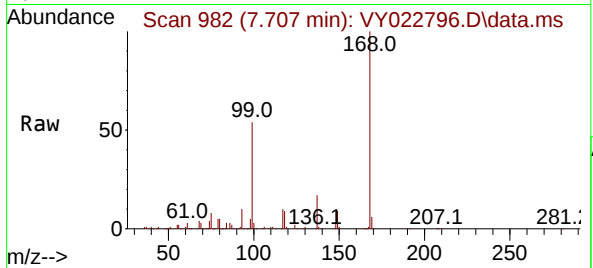




#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

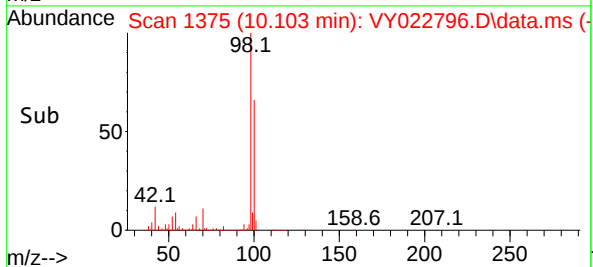
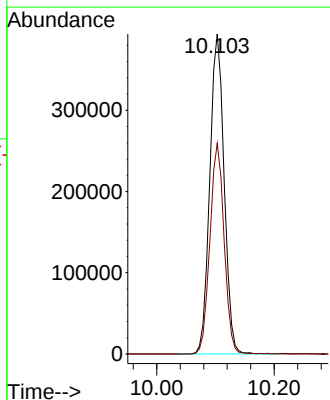
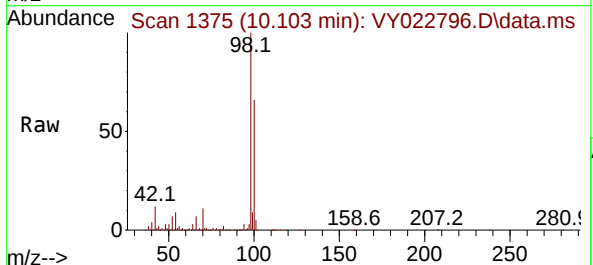
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -2

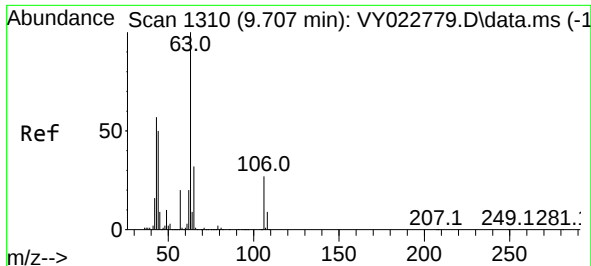
Tgt Ion:117 Resp: 29853
Ion Ratio Lower Upper
117 100
119 6.0 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Tgt Ion: 98 Resp: 667750
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

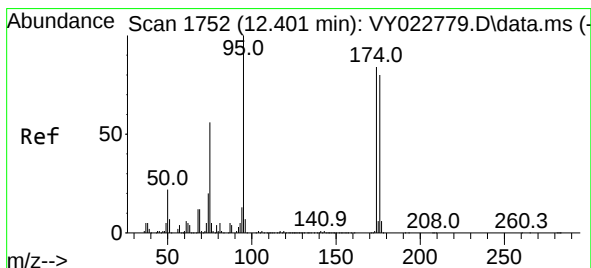
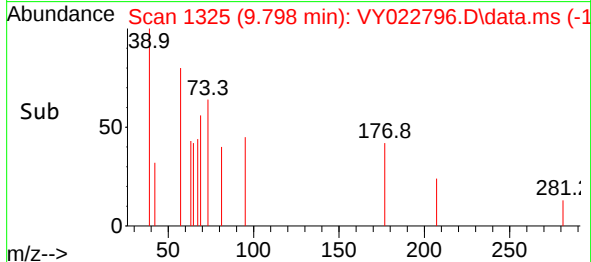
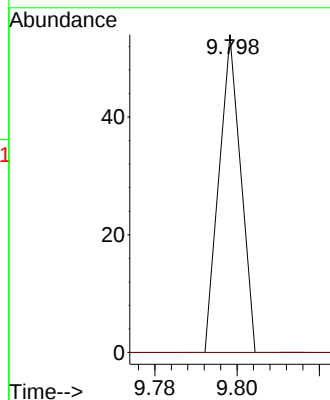
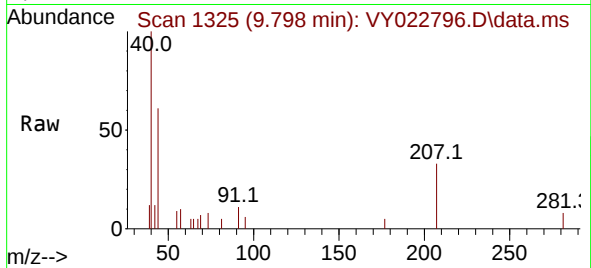




#58
2-Chloroethyl Vinyl ether
Concen: 15.665 ug/l
RT: 9.798 min Scan# 11
Delta R.T. 0.085 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

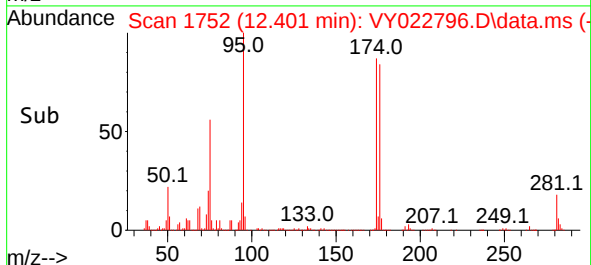
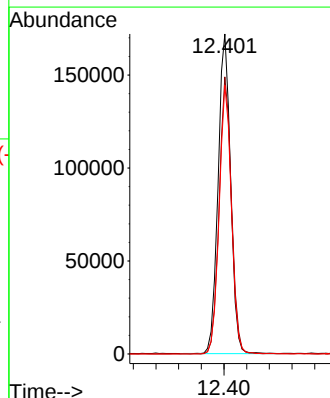
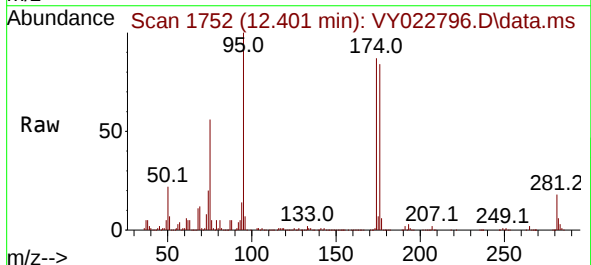
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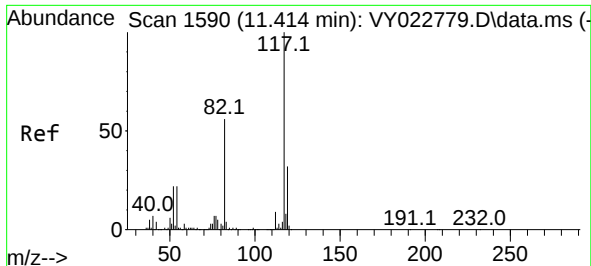
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 61.079 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Tgt Ion: 95 Resp: 262300
Ion Ratio Lower Upper
95 100
174 86.3 0.0 170.0
176 82.5 0.0 166.2

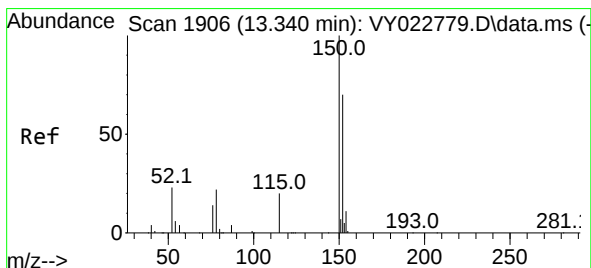
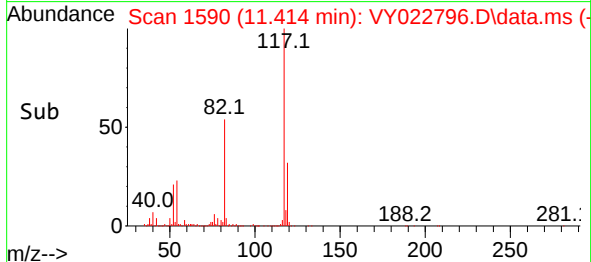
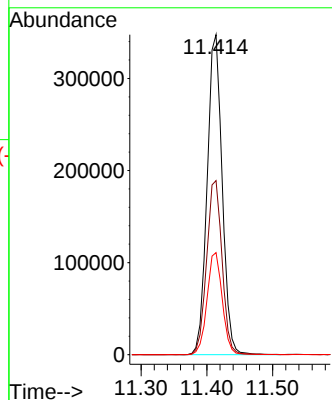
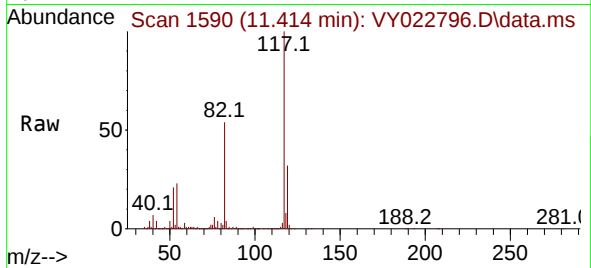




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

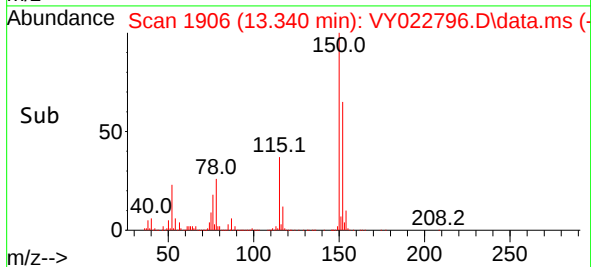
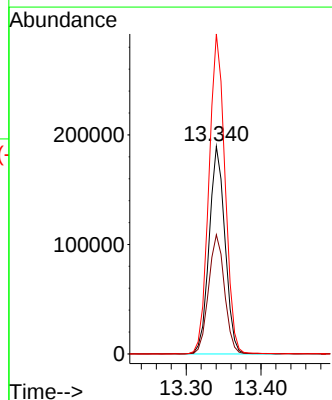
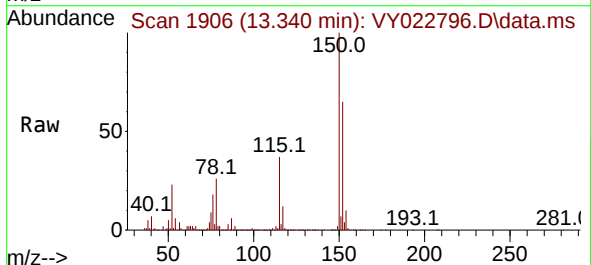
Instrument :
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PARK AVE -2

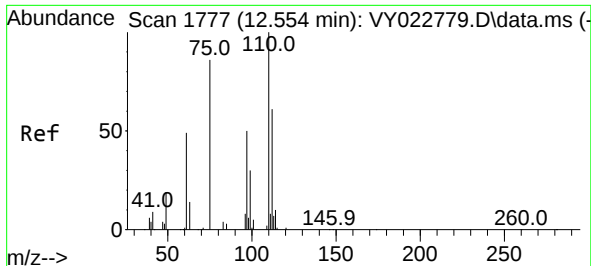
Tgt Ion:117 Resp: 552957
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Tgt Ion:152 Resp: 278890
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 156.6 0.0 349.6

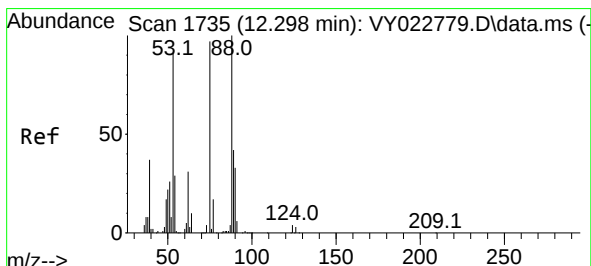
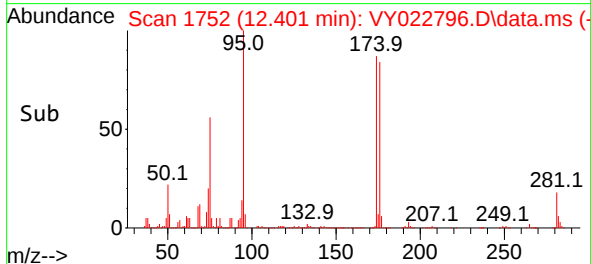
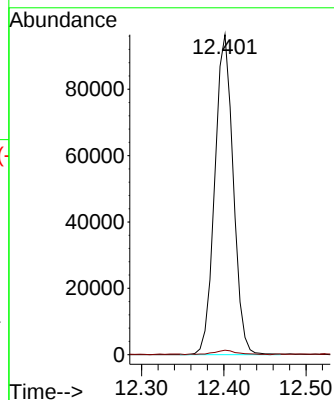
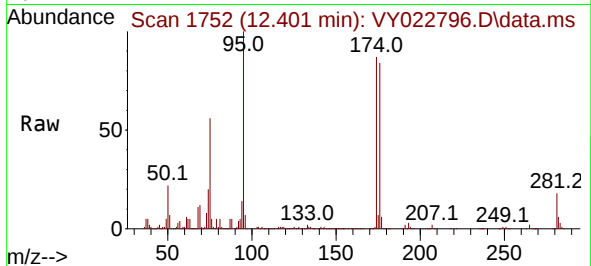




#76
1,2,3-Trichloropropane
Concen: 52.647 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -2

Tgt Ion: 75 Resp: 149898
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.007 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022796.D
Acq: 24 Jun 2025 14:42

Tgt Ion: 75 Resp: 149898
Ion Ratio Lower Upper
75 100
53 0.2 78.5 117.7#
89 0.1 35.7 53.5#

