

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023067.D
 Acq On : 13 Aug 2025 14:08
 Operator : SY/MD
 Sample : Q2830-07
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-EASTSIDE

Quant Time: Aug 14 01:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

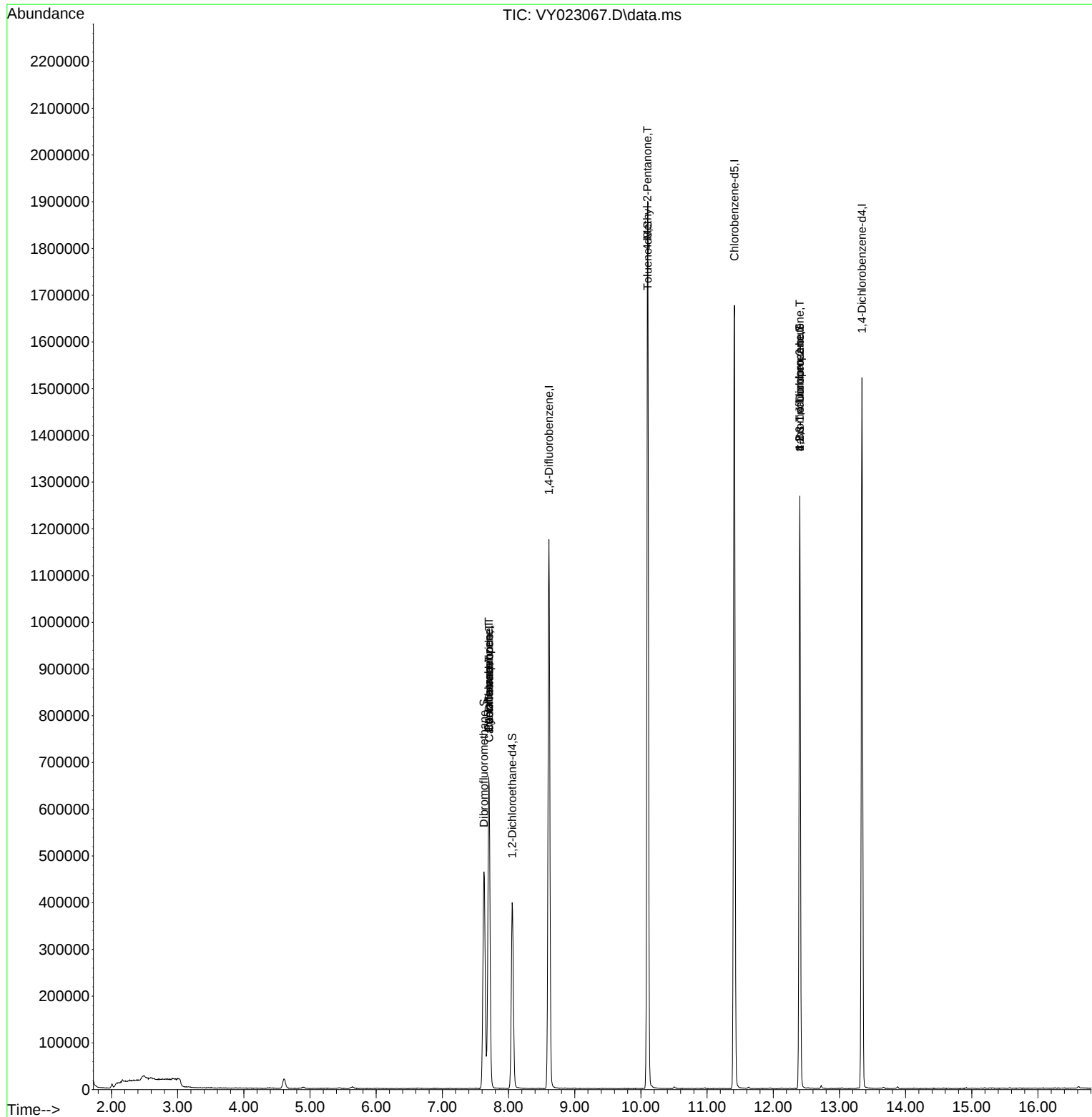
Internal Standards						
1) Pentafluorobenzene	7.701	168	513899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	1006220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	906467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	375322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	310896	63.477	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.960%		
35) Dibromofluoromethane	7.628	113	334606	55.574	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.140%		
50) Toluene-d8	10.103	98	1199237	50.985	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.980%		
62) 4-Bromofluorobenzene	12.401	95	372355	49.225	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 98.440%		
Target Compounds						
					Qvalue	
31) Cyclohexane	7.701	56	11054	1.212	ug/l #	4
36) 1,1-Dichloropropene	7.701	75	40261	4.499	ug/l #	50
38) Carbon Tetrachloride	7.707	117	51011	5.249	ug/l #	17
51) 4-Methyl-2-Pentanone	10.097	43	4935	1.259	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	197231	54.450	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	197231	131.805	ug/l #	14

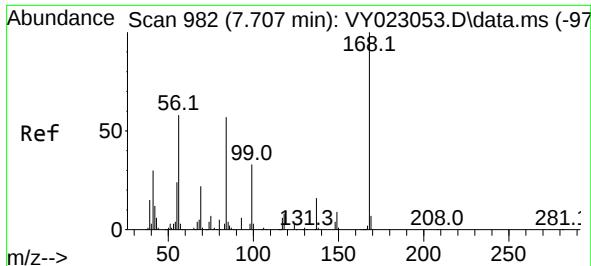
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BIN0009-DRIVEWAY-TP-EASTSIDE

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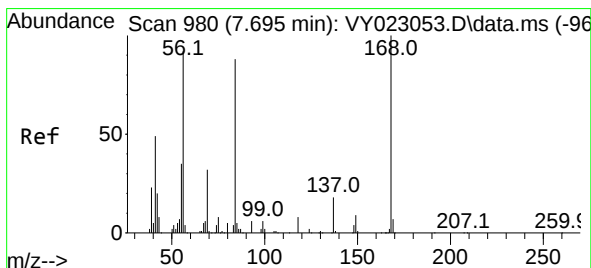
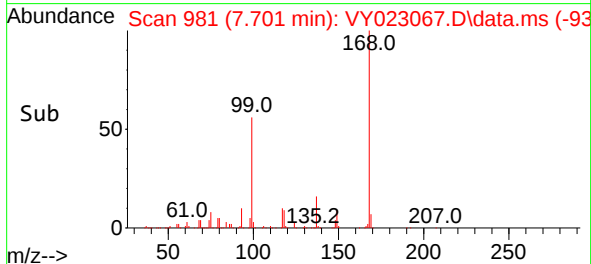
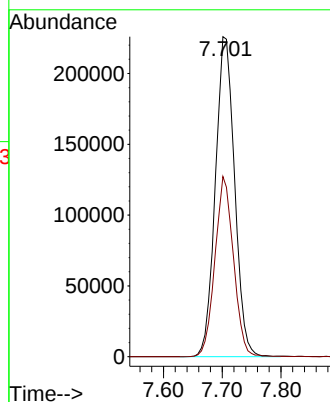
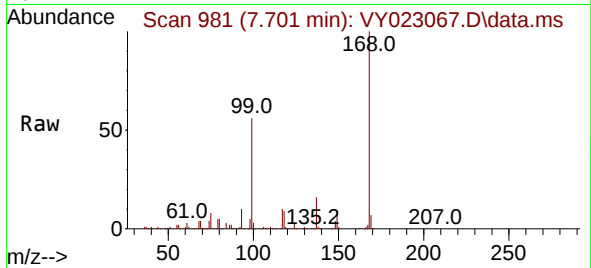




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

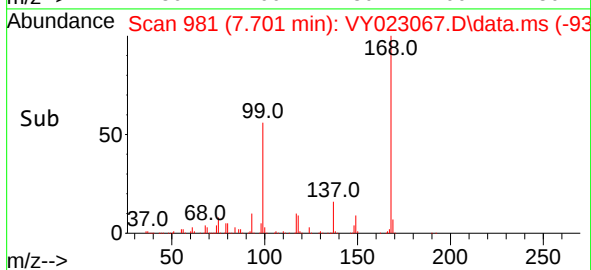
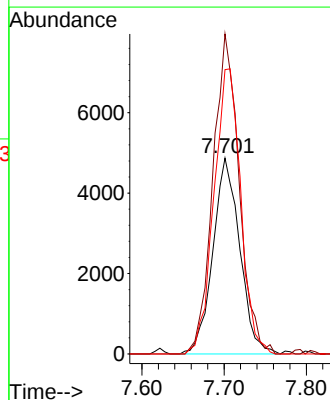
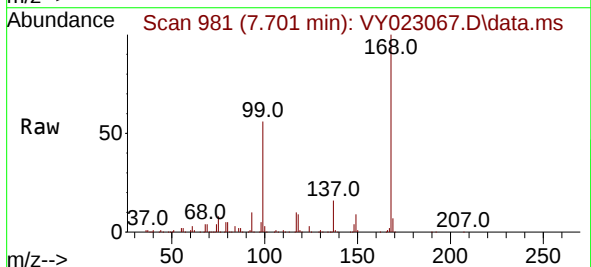
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

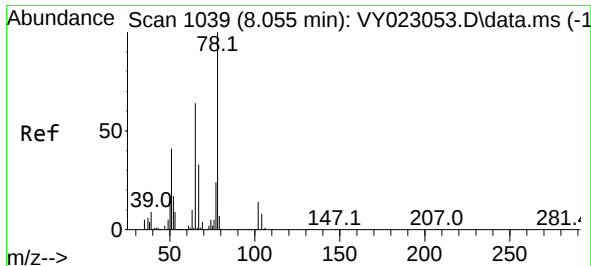
Tgt Ion:168 Resp: 513899
Ion Ratio Lower Upper
168 100
99 56.3 42.8 64.2



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion: 56 Resp: 11054
Ion Ratio Lower Upper
56 100
69 163.4 28.2 42.2#
84 145.2 76.6 114.8#

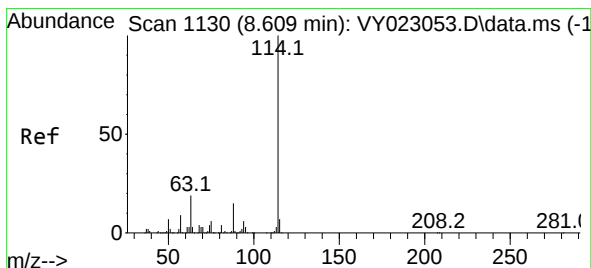
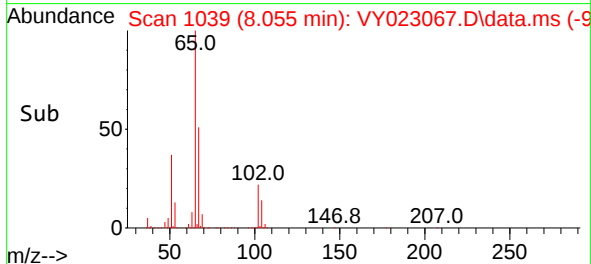
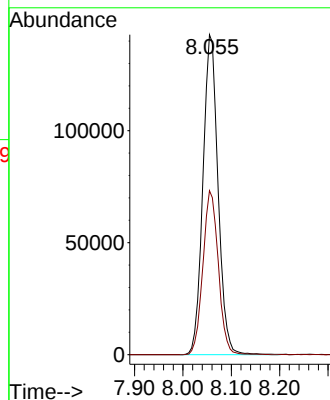
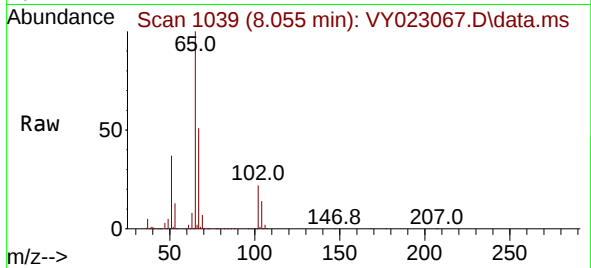




#33
 1,2-Dichloroethane-d4
 Concen: 63.477 ug/l
 RT: 8.055 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY023067.D
 Acq: 13 Aug 2025 14:08

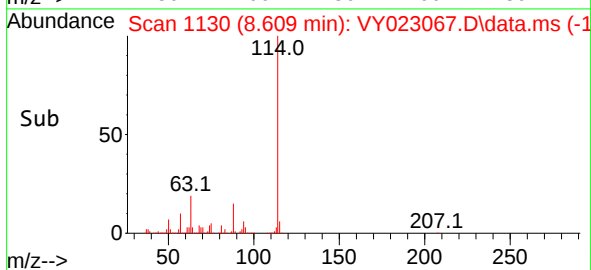
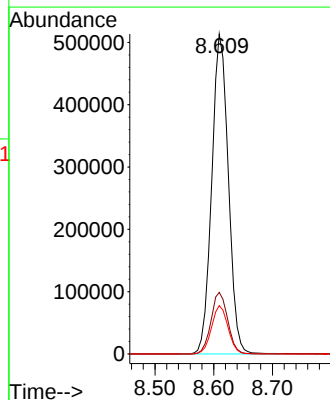
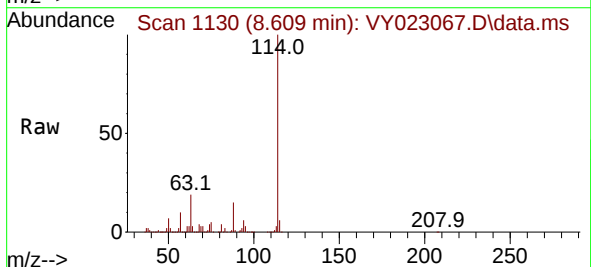
Instrument : MSVOA_Y
 ClientSampleId : BIN0009-DRIVEWAY-TP-EASTSIDE

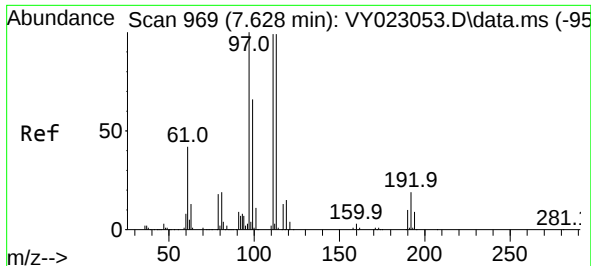
Tgt Ion: 65 Resp: 310896
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VY023067.D
 Acq: 13 Aug 2025 14:08

Tgt Ion: 114 Resp: 1006220
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.1 0.0 30.0

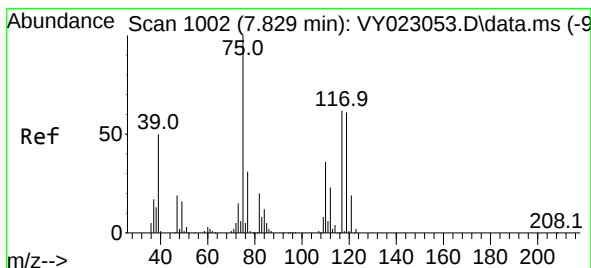
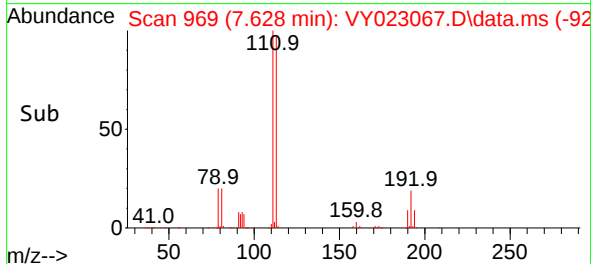
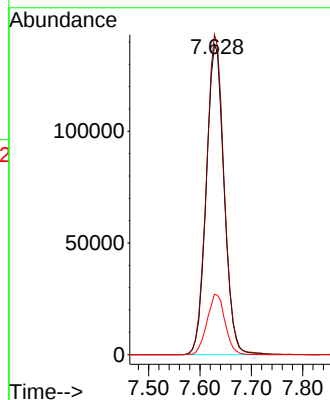
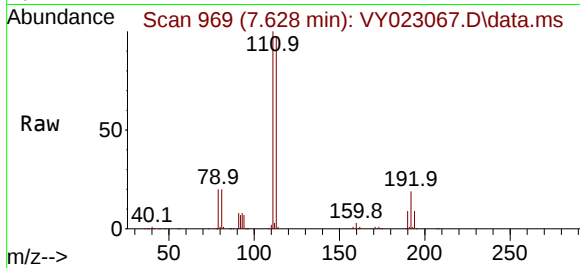




#35
Dibromofluoromethane
Concen: 55.574 ug/l
RT: 7.628 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

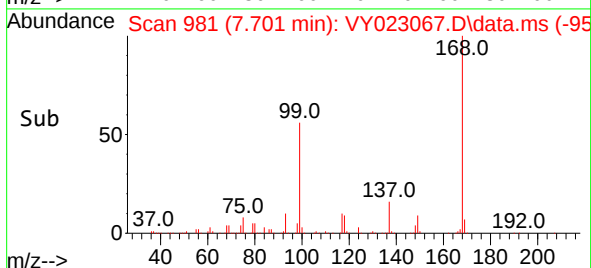
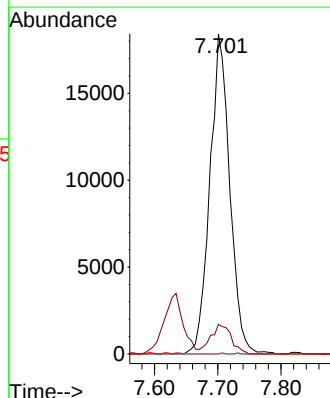
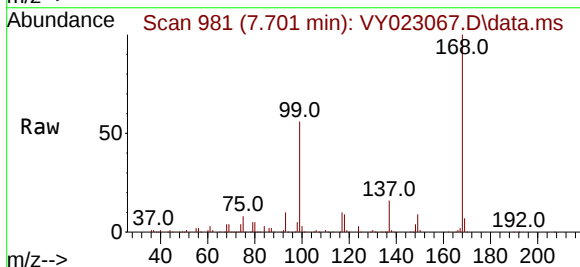
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

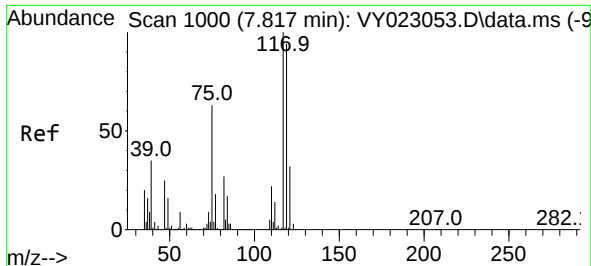
Tgt Ion:113 Resp: 334606
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.499 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion: 75 Resp: 40261
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.1 24.6 37.0#

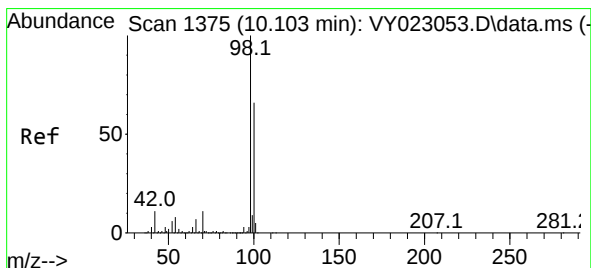
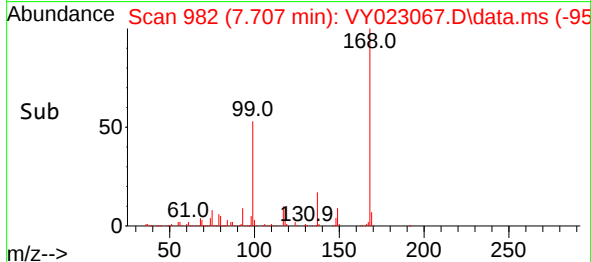
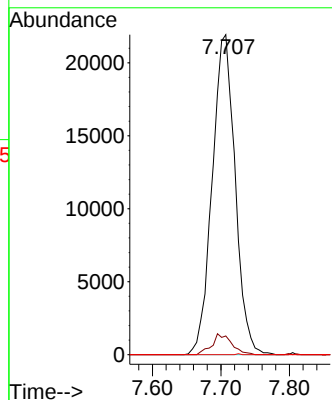
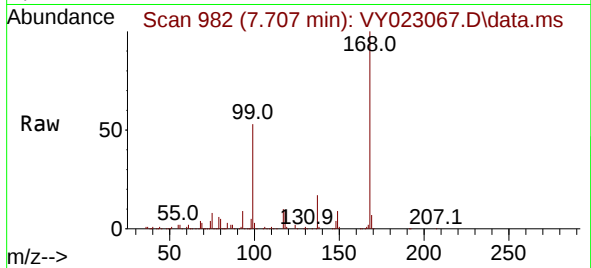




#38
Carbon Tetrachloride
Concen: 5.249 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

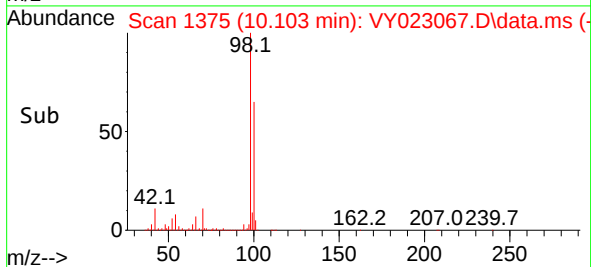
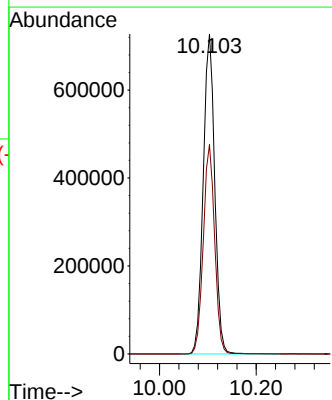
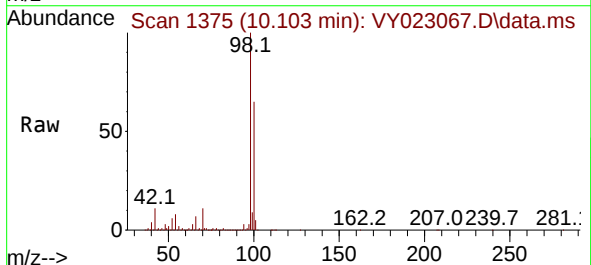
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

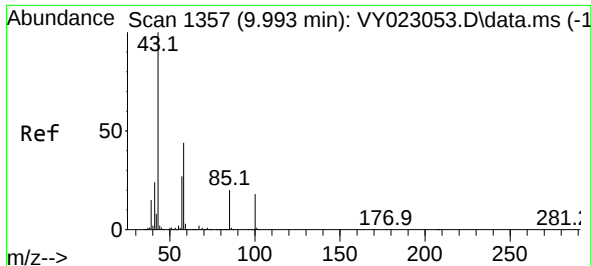
Tgt Ion:117 Resp: 51011
Ion Ratio Lower Upper
117 100
119 5.8 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 50.985 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion: 98 Resp: 1199237
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

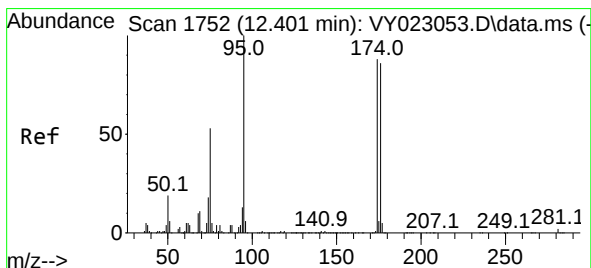
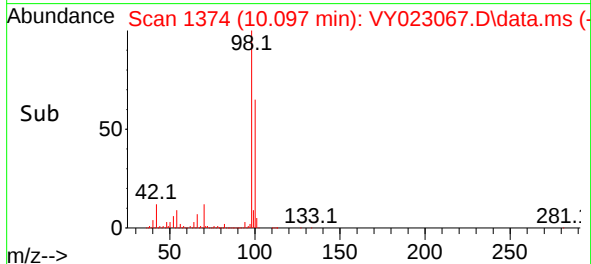
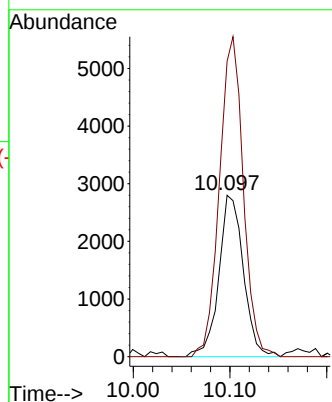
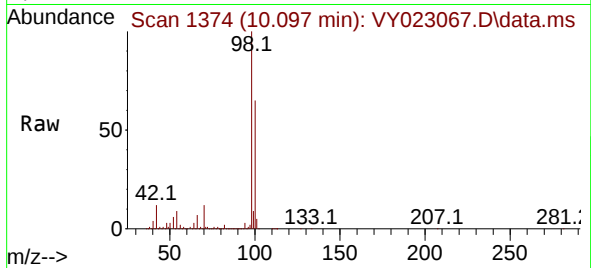




#51
4-Methyl-2-Pentanone
Concen: 1.259 ug/l
RT: 10.097 min Scan# 1357
Delta R.T. 0.104 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

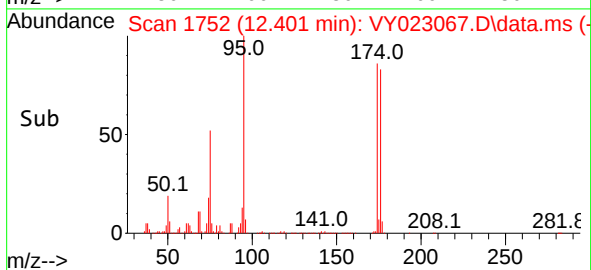
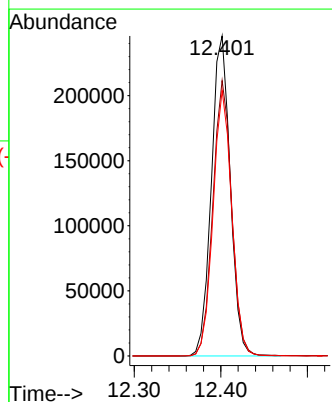
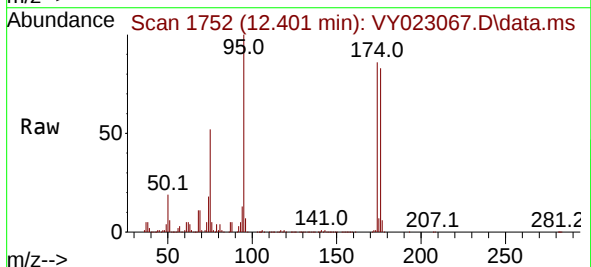
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

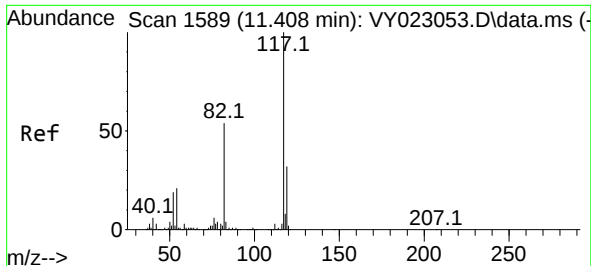
Tgt Ion: 43 Resp: 4935
Ion Ratio Lower Upper
43 100
58 192.7 33.5 50.3#



#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion: 95 Resp: 372355
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 82.2 0.0 167.6

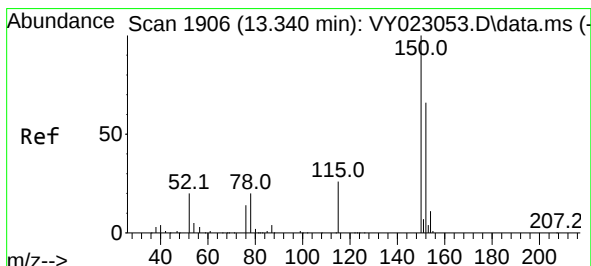
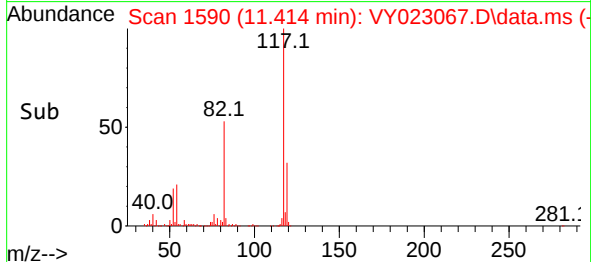
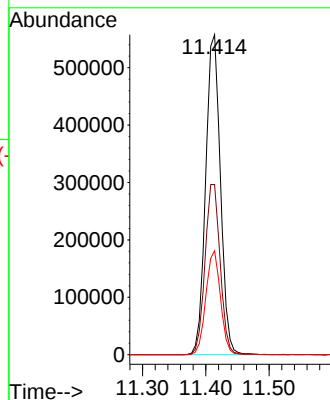
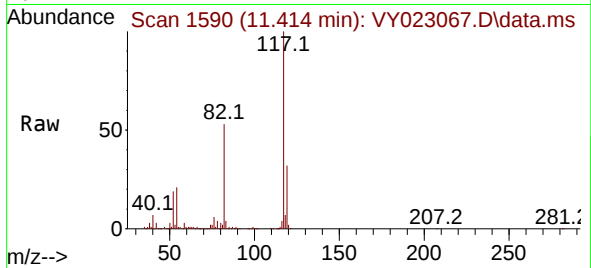




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

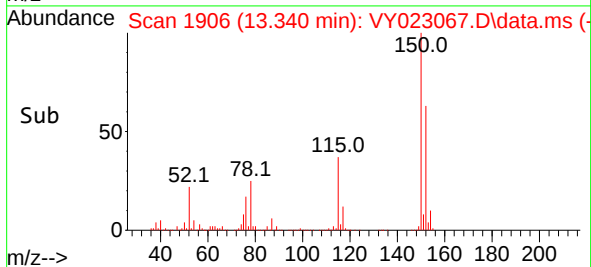
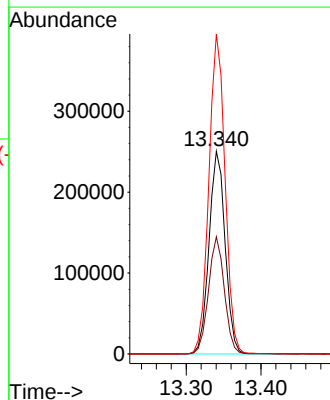
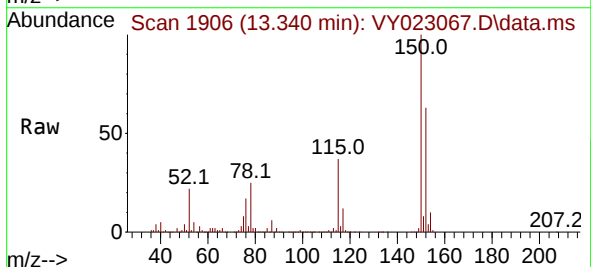
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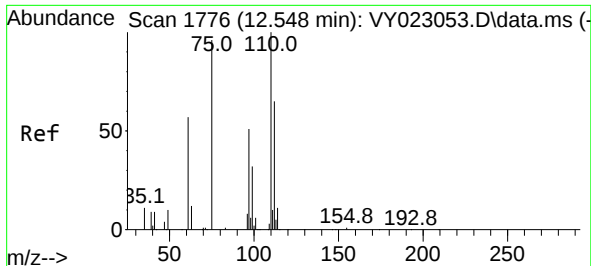
Tgt Ion:117 Resp: 906467
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion:152 Resp: 375322
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.6
150 158.1 0.0 348.0

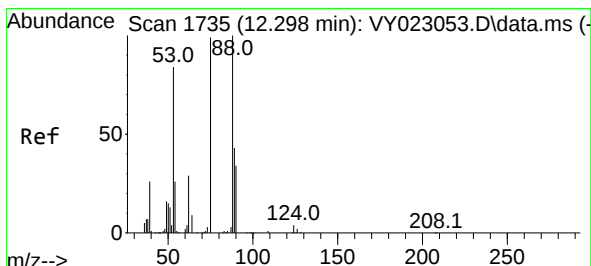
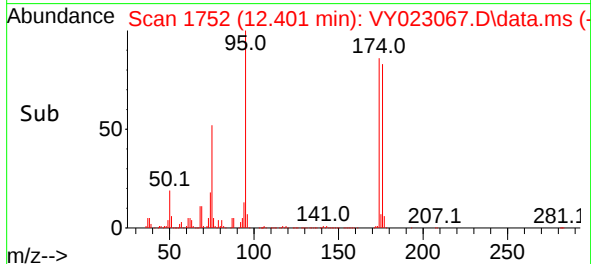
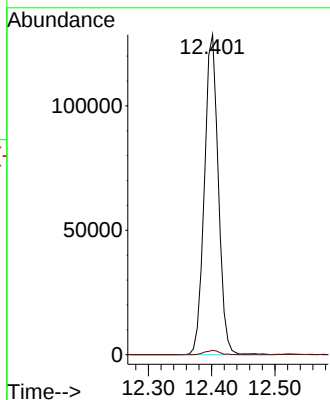
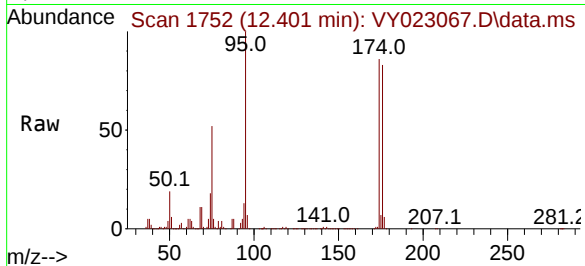




#76
1,2,3-Trichloropropane
Concen: 54.450 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

Tgt Ion: 75 Resp: 197231
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.805 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion: 75 Resp: 197231
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.0 38.1 57.1#

