

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
 Data File : VY023147.D
 Acq On : 19 Aug 2025 13:41
 Operator : SY/MD
 Sample : Q2872-01
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRILL CUTTING 1-2 COMPRE

Quant Time: Aug 20 01:29:35 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)

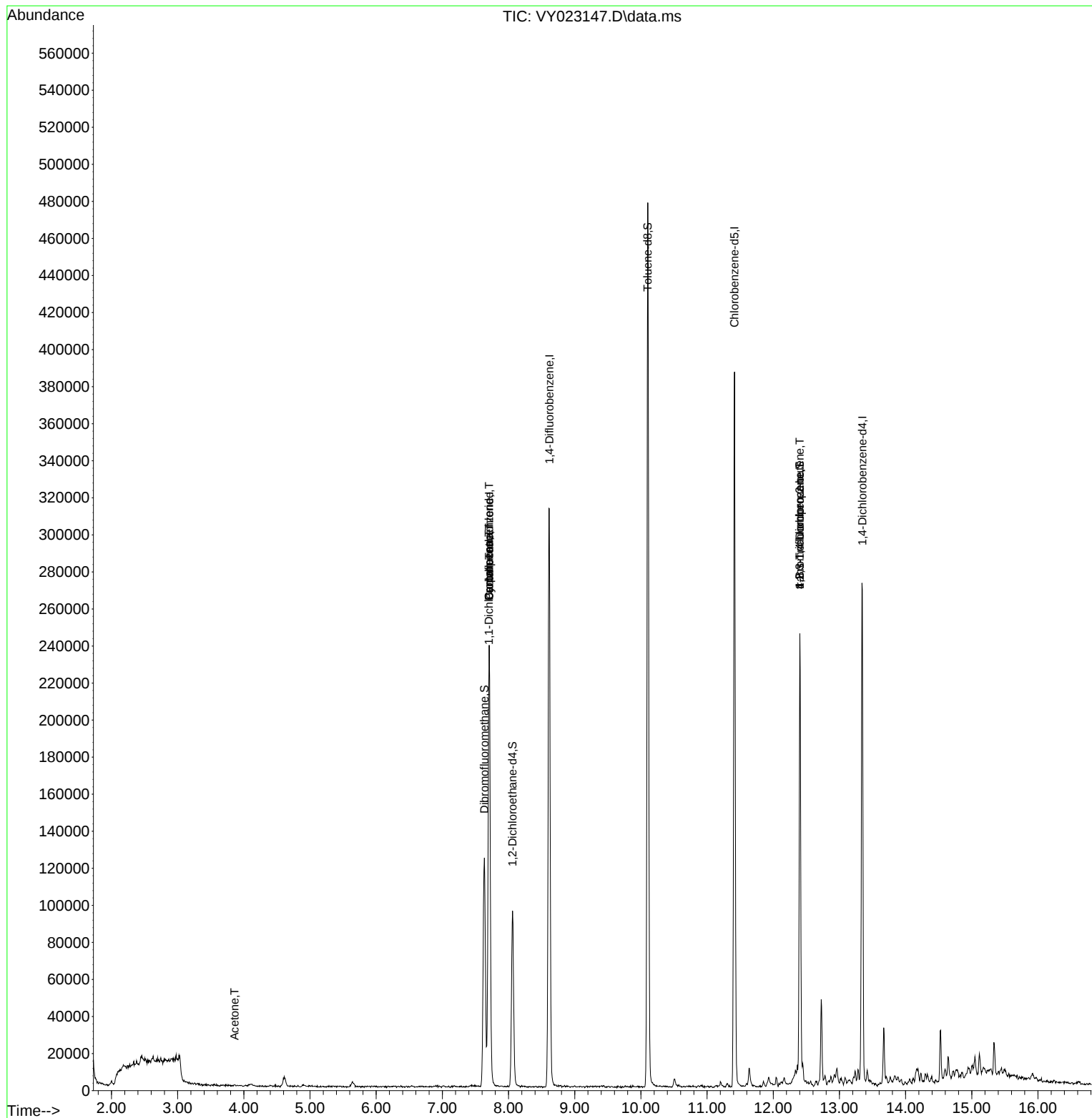
Internal Standards						
1) Pentafluorobenzene	7.707	168	186121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	279097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	207137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	70929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	75140	42.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.720%
35) Dibromofluoromethane	7.634	113	88471	52.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.103	98	314670	48.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.402	95	72699	34.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.300%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	1221	3.177	ug/l #	87
20) Methylene Chloride	4.610	84	4044	Below Cal		90
31) Cyclohexane	7.707	56	4026	1.219	ug/l #	31
36) 1,1-Dichloropropene	7.701	75	13678	5.511	ug/l #	51
38) Carbon Tetrachloride	7.707	117	19312	7.164	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	38818	56.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	38818	137.269	ug/l #	14

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

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DRILL CUTTING 1-2 COMPRE

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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

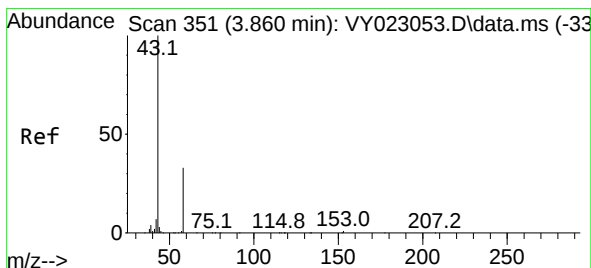
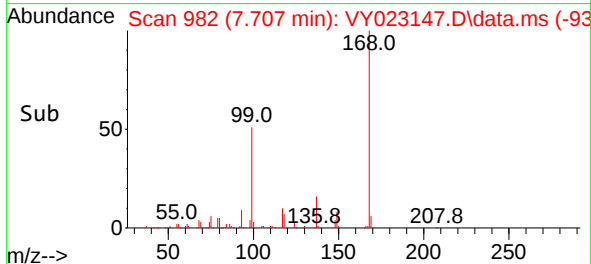
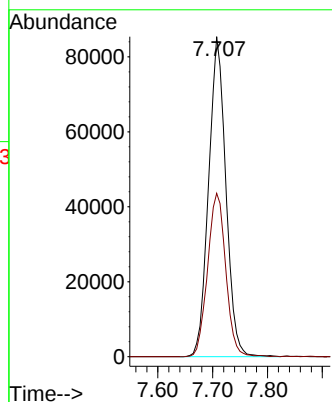
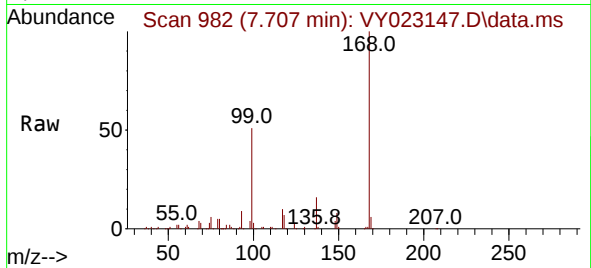




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

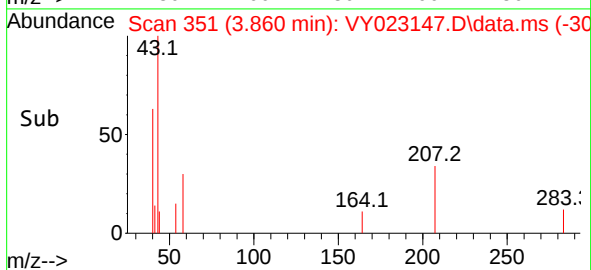
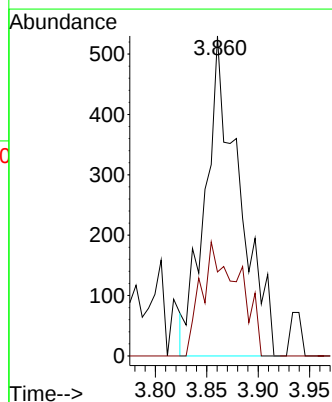
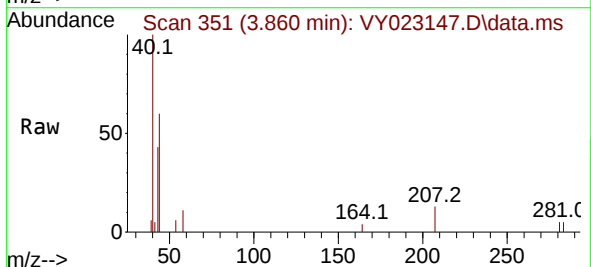
Instrument :
MSVOA_Y
ClientSampleId :
DRILL CUTTING 1-2 COMPRE

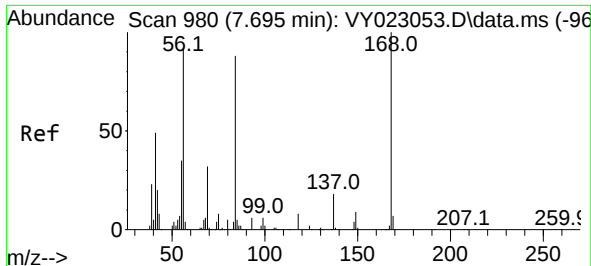
Tgt Ion:168 Resp: 186121
Ion Ratio Lower Upper
168 100
99 51.0 42.8 64.2



#16
Acetone
Concen: 3.177 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 26.2 27.1 40.7#

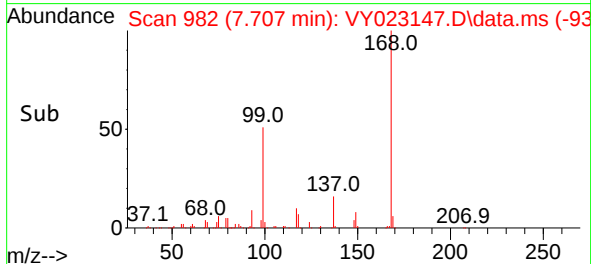
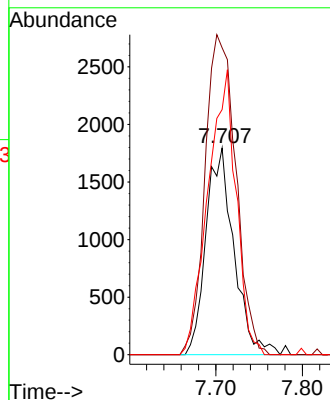
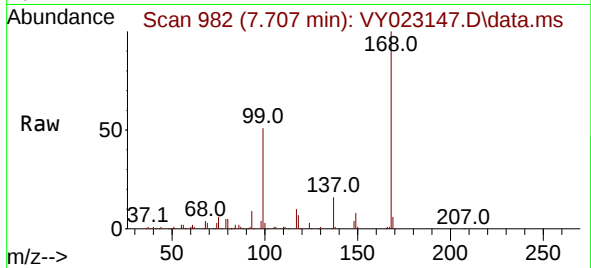




#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

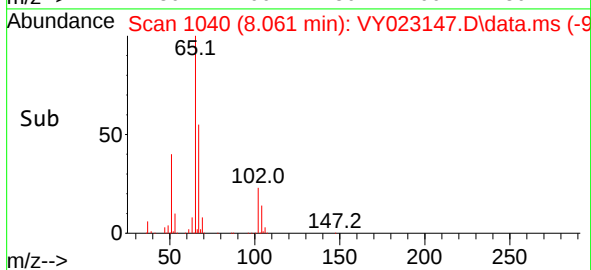
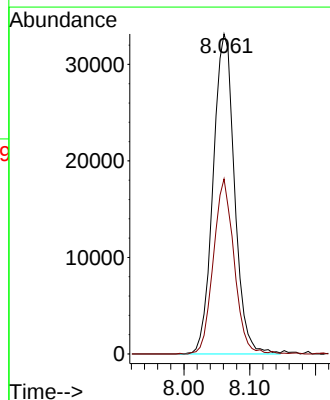
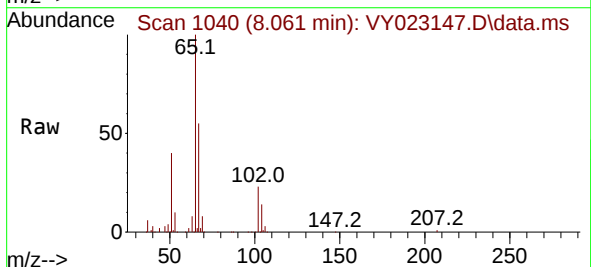
Instrument :
MSVOA_Y
ClientSampleId :
DRILL CUTTING 1-2 COMPRE

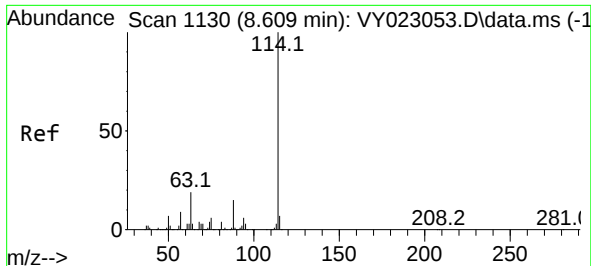
Tgt Ion: 56 Resp: 4026
Ion Ratio Lower Upper
56 100
69 148.4 28.2 42.2#
84 118.5 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 42.360 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Tgt Ion: 65 Resp: 75140
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8

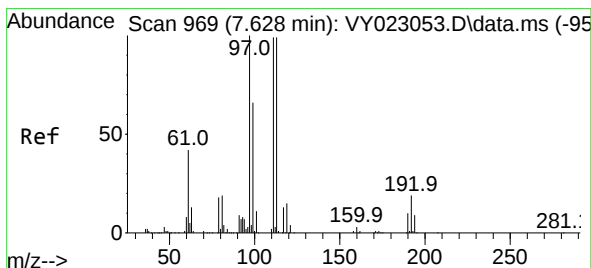
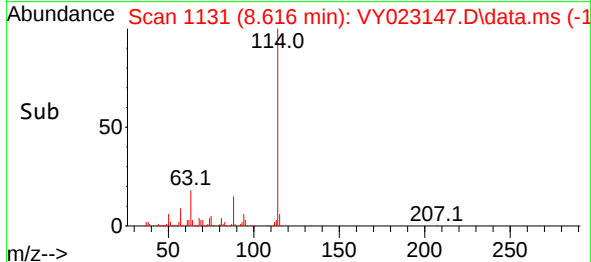
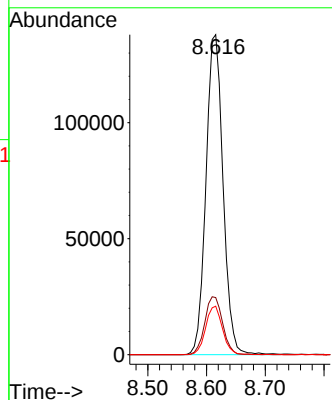
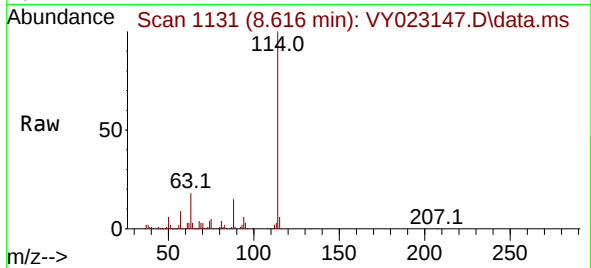




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

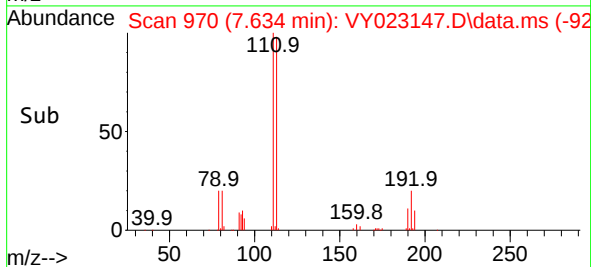
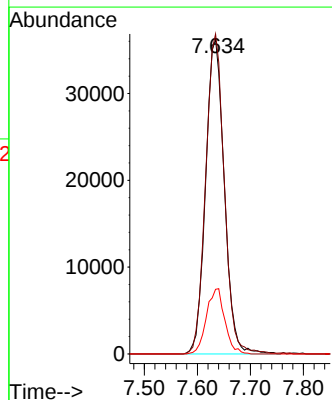
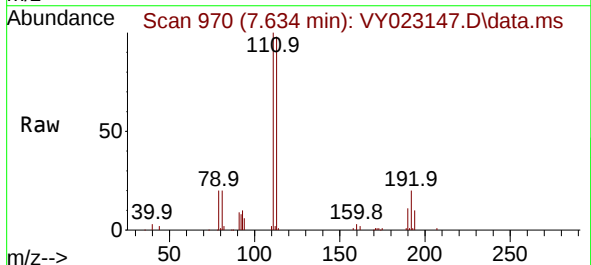
Instrument :
MSVOA_Y
ClientSampleId :
DRILL CUTTING 1-2 COMPRE

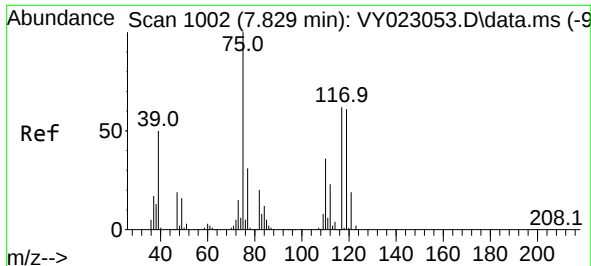
Tgt Ion:114 Resp: 279097
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 15.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 52.976 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Tgt Ion:113 Resp: 88471
Ion Ratio Lower Upper
113 100
111 101.3 81.1 121.7
192 20.4 16.2 24.4

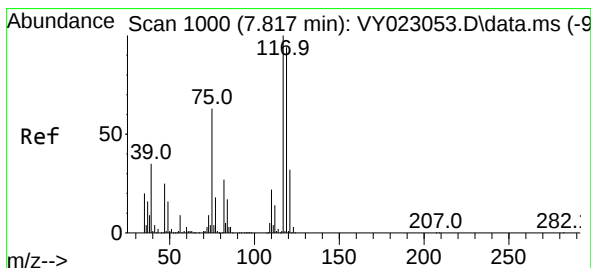
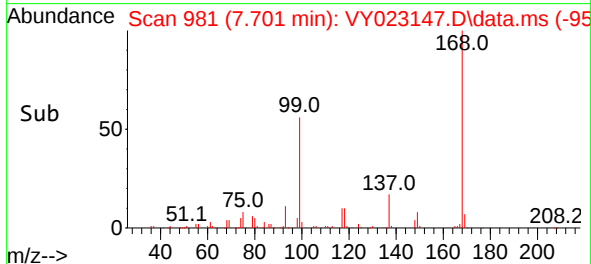
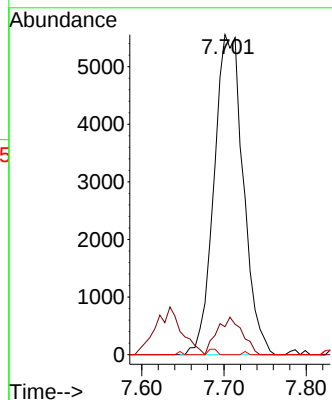
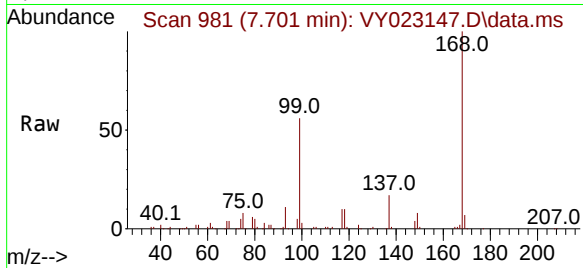




#36
1,1-Dichloropropene
Concen: 5.511 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

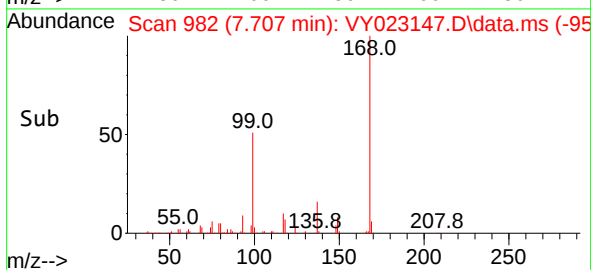
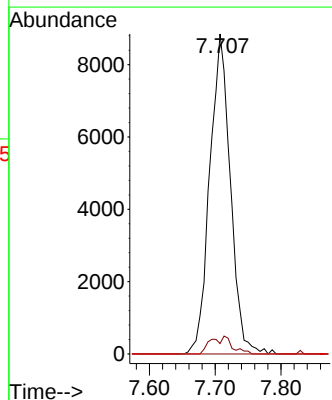
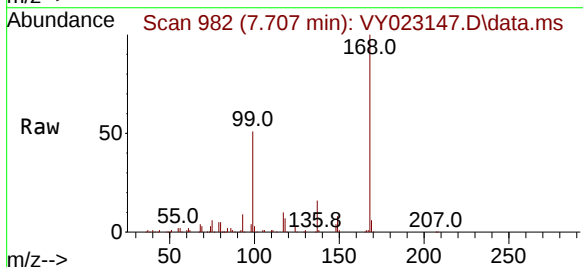
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DRILL CUTTING 1-2 COMPRE

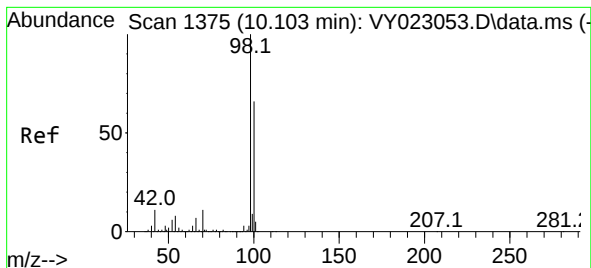
Tgt Ion: 75 Resp: 13678
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.5 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 7.164 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Tgt Ion: 117 Resp: 19312
Ion Ratio Lower Upper
117 100
119 3.3 75.6 113.4#
121 0.0 25.8 38.8#

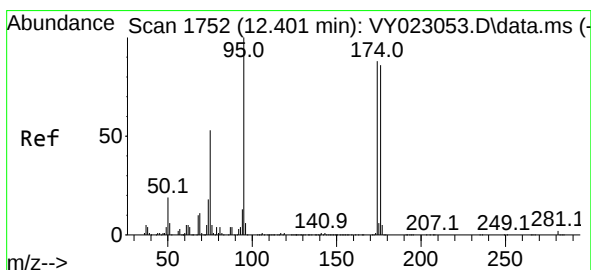
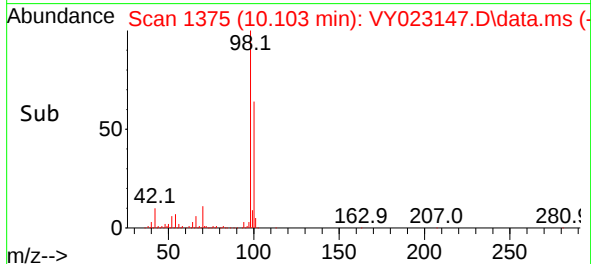
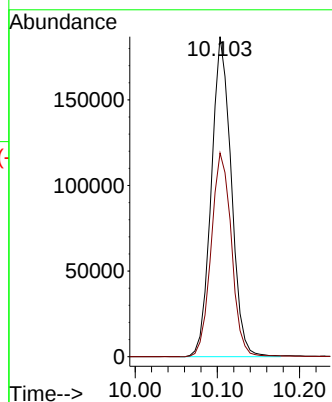
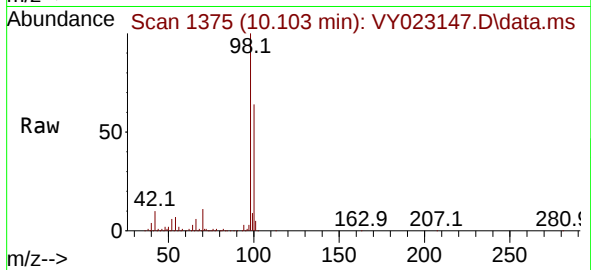




#50
Toluene-d8
Concen: 48.232 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

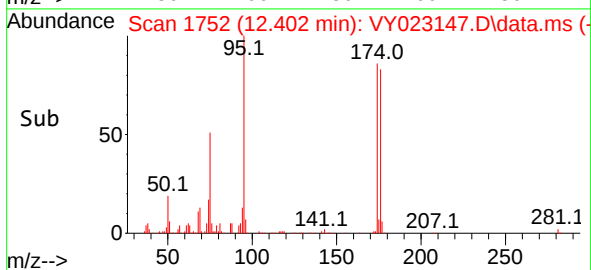
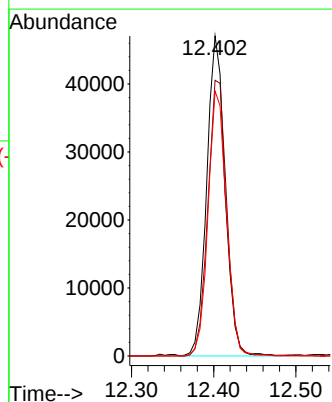
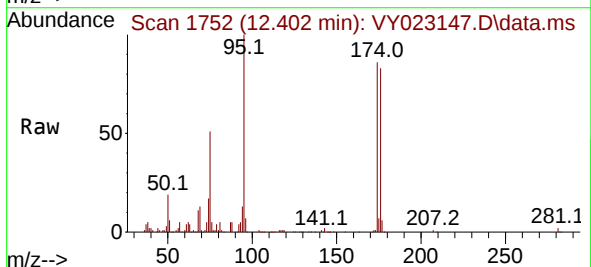
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DRILL CUTTING 1-2 COMPRE

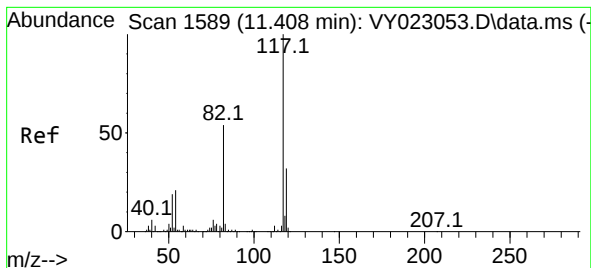
Tgt Ion: 98 Resp: 314670
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 34.649 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Tgt Ion: 95 Resp: 72699
Ion Ratio Lower Upper
95 100
174 88.7 0.0 171.6
176 83.3 0.0 167.6

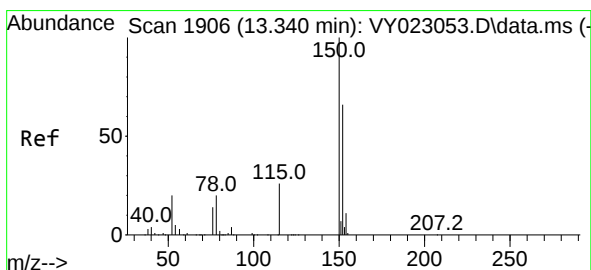
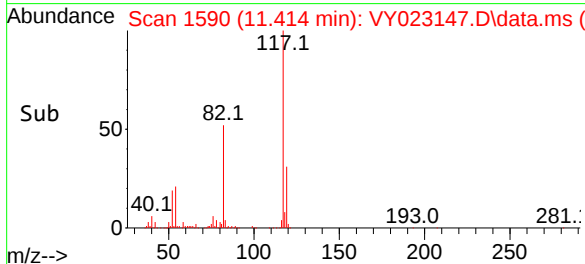
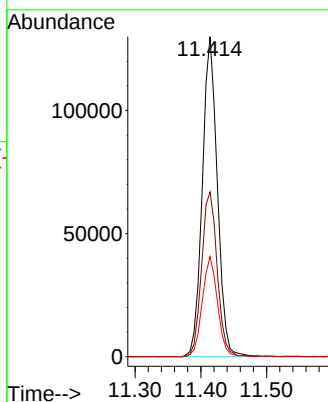
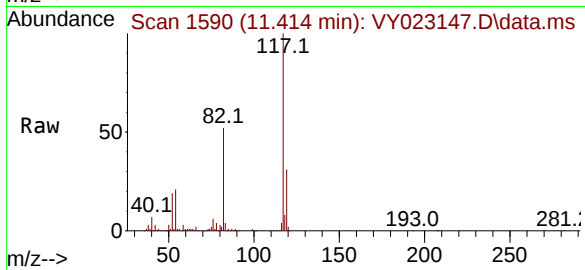




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

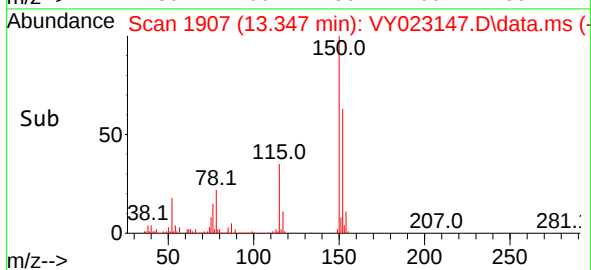
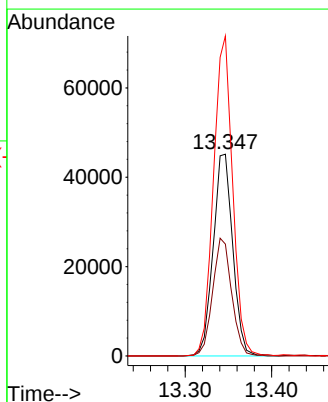
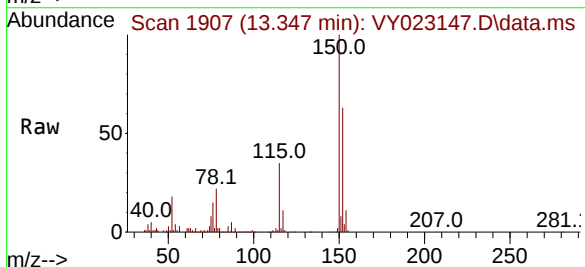
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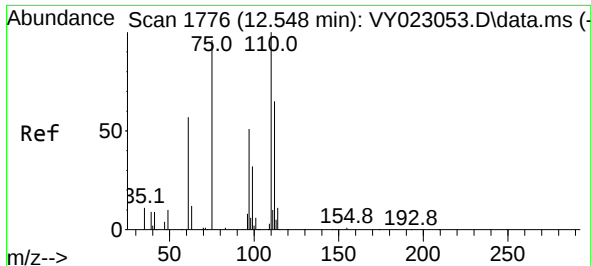
Tgt Ion:117 Resp: 207137
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Tgt Ion:152 Resp: 70929
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.6
150 154.6 0.0 348.0

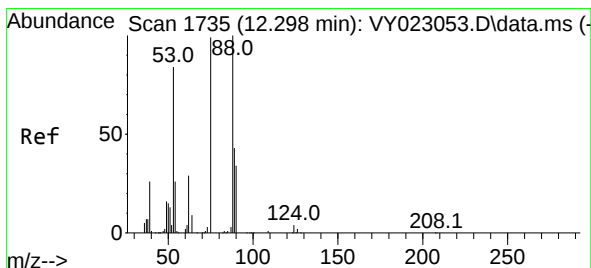
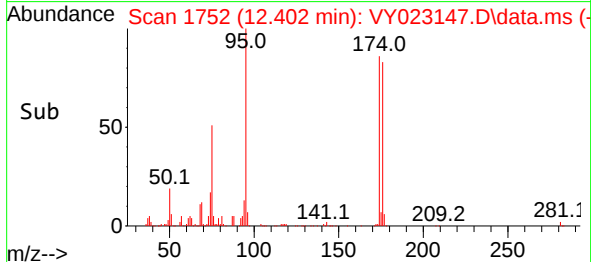
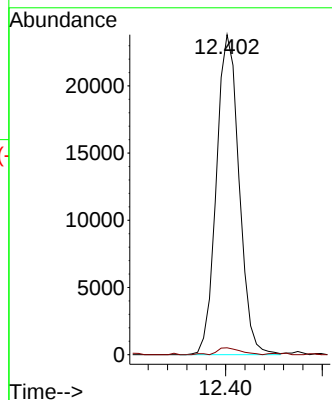
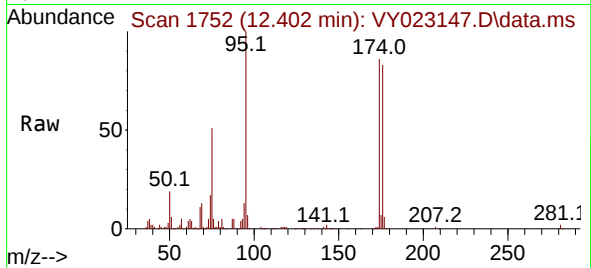




#76
1,2,3-Trichloropropane
Concen: 56.707 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Instrument :
MSVOA_Y
ClientSampleId :
DRILL CUTTING 1-2 COMPRE

Tgt Ion: 75 Resp: 38818
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.269 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY023147.D
Acq: 19 Aug 2025 13:41

Tgt Ion: 75 Resp: 38818
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.1 38.1 57.1#

