

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023115.D
 Acq On : 15 Aug 2025 10:44
 Operator : SY/MD
 Sample : Q2876-01
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-08142025

Quant Time: Aug 18 02:26:40 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)

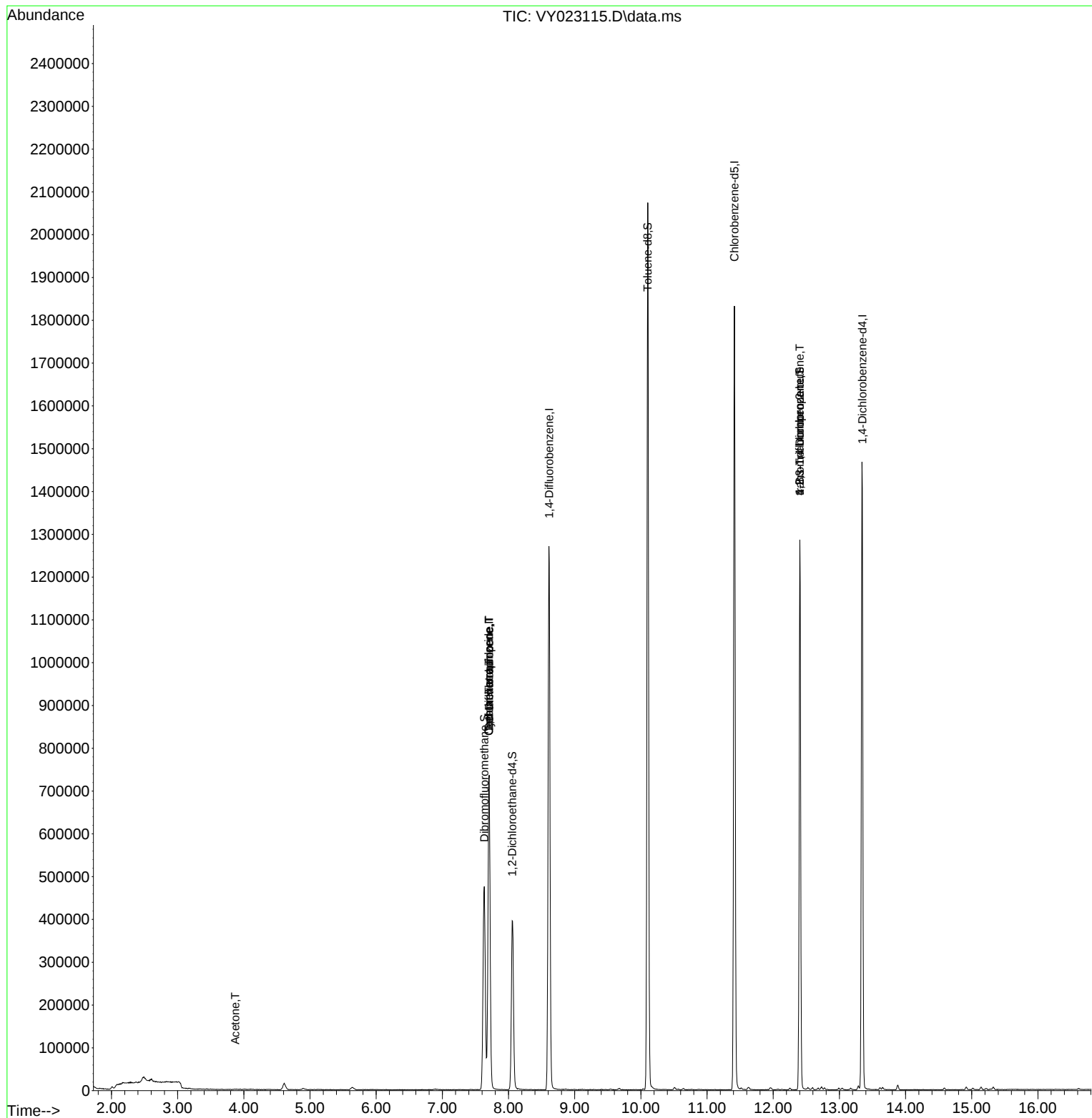
Internal Standards						
1) Pentafluorobenzene	7.707	168	568652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1094415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	962319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	368742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	318940	58.849	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.700%			
35) Dibromofluoromethane	7.634	113	337974	51.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.220%			
50) Toluene-d8	10.103	98	1333476	52.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.402	95	375563	45.648	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.300%			
Target Compounds						
16) Acetone	3.873	43	1829	1.558	ug/l	95
20) Methylene Chloride	4.610	84	10538	Below Cal		92
31) Cyclohexane	7.701	56	12318	1.220	ug/l #	10
36) 1,1-Dichloropropene	7.707	75	44877	4.611	ug/l #	49
38) Carbon Tetrachloride	7.701	117	56255	5.322	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	201717	56.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	201717	137.209	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023115.D
Acq On : 15 Aug 2025 10:44
Operator : SY/MD
Sample : Q2876-01
Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-08142025

Quant Time: Aug 18 02:26:40 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

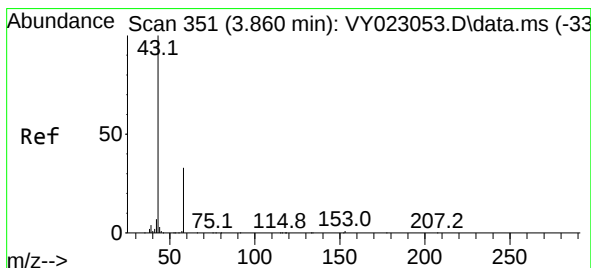
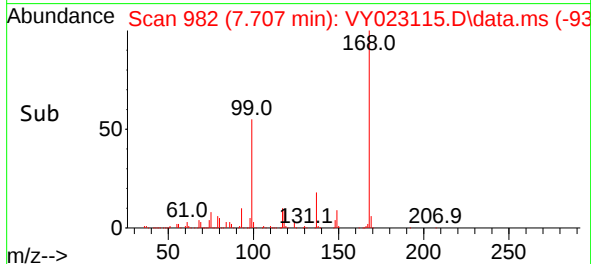
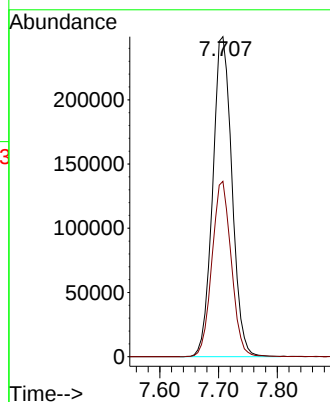
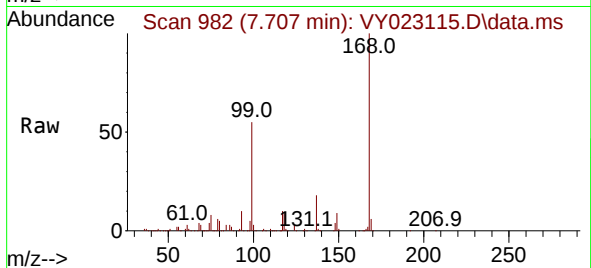




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

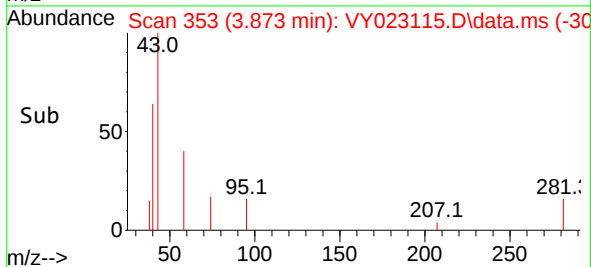
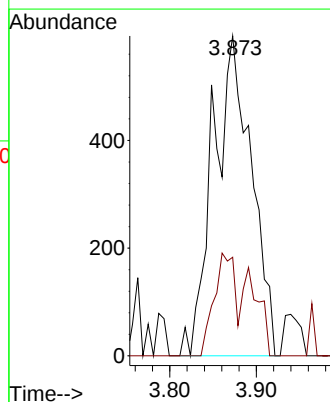
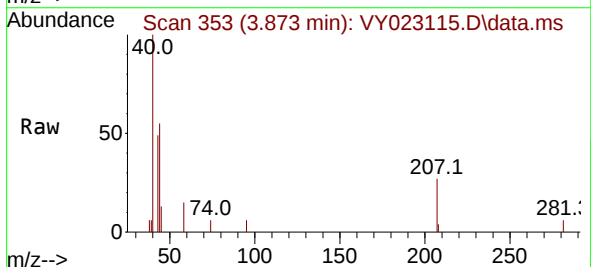
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-08142025

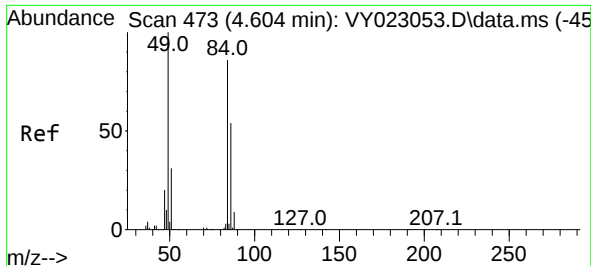
Tgt Ion:168 Resp: 568652
Ion Ratio Lower Upper
168 100
99 54.8 42.8 64.2



#16
Acetone
Concen: 1.558 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
58 30.8 27.1 40.7

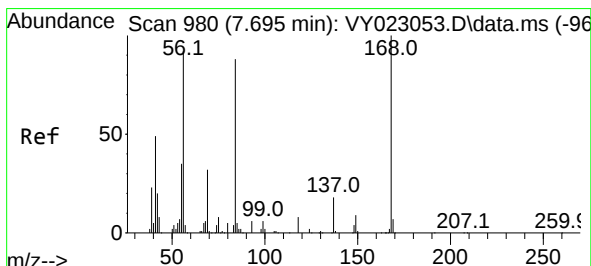
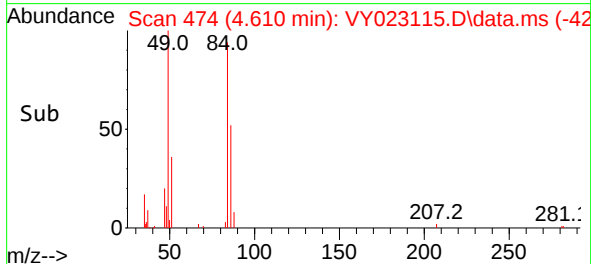
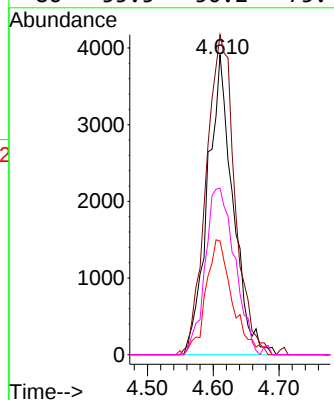
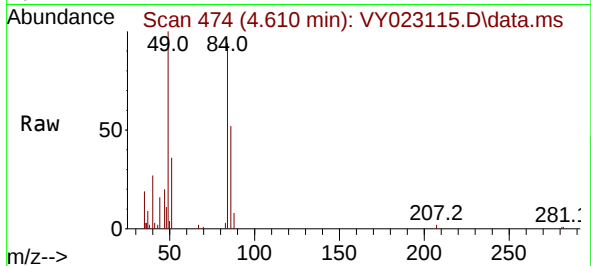




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

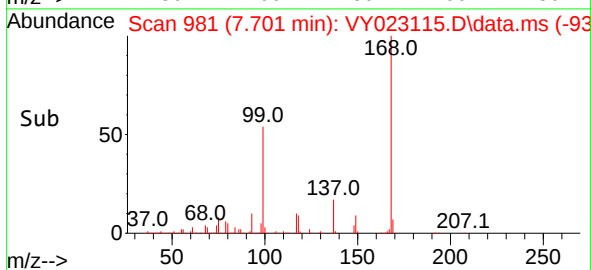
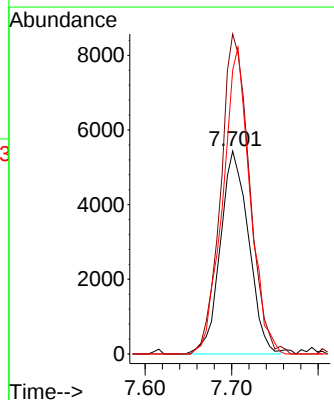
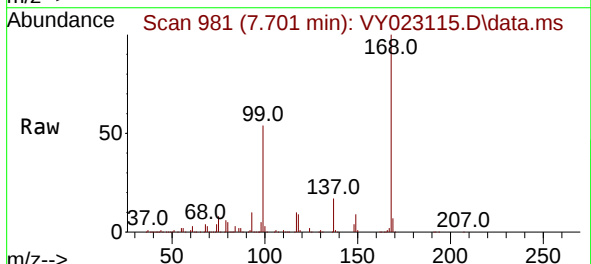
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-08142025

Tgt Ion:	84	Resp:	10538
Ion	Ratio	Lower	Upper
84	100		
49	106.7	93.0	139.6
51	38.0	29.0	43.4
86	55.5	50.2	75.4



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

Tgt Ion:	56	Resp:	12318
Ion	Ratio	Lower	Upper
56	100		
69	157.7	28.2	42.2#
84	139.9	76.6	114.8#

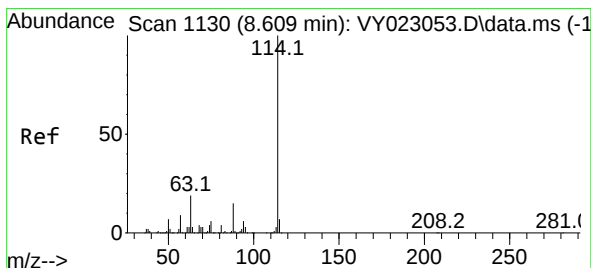
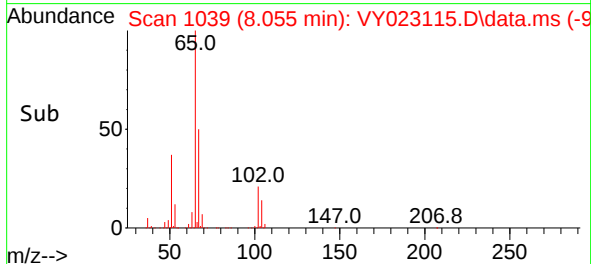
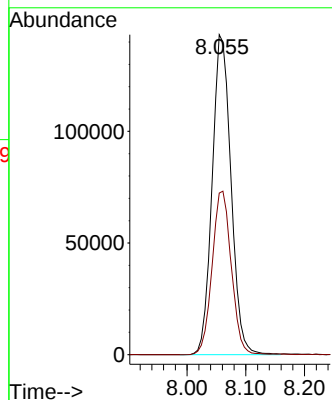
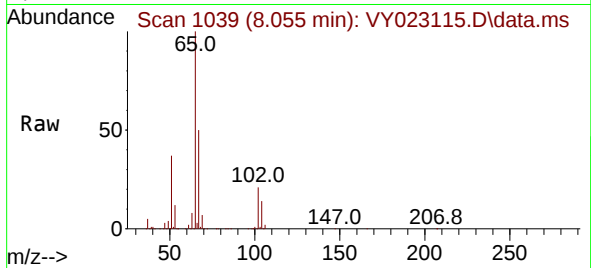




#33
 1,2-Dichloroethane-d4
 Concen: 58.849 ug/l
 RT: 8.055 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: VY023115.D
 Acq: 15 Aug 2025 10:44

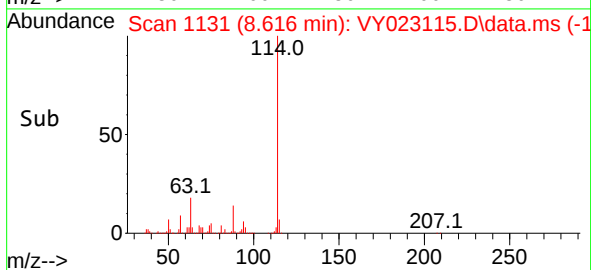
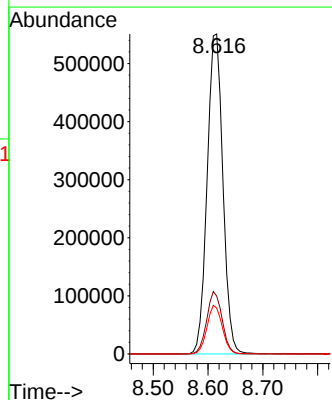
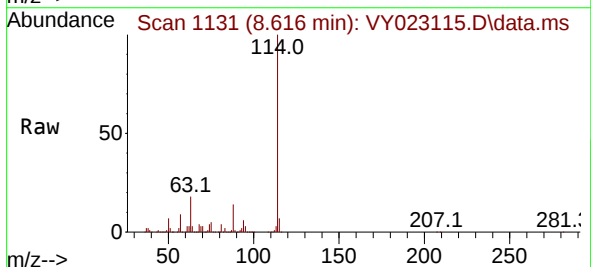
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-08142025

Tgt Ion: 65 Resp: 318940
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VY023115.D
 Acq: 15 Aug 2025 10:44

Tgt Ion:114 Resp: 1094415
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 14.4 0.0 30.0

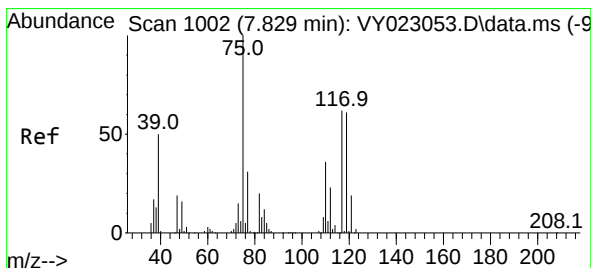
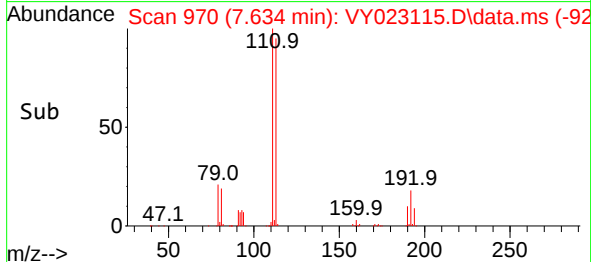
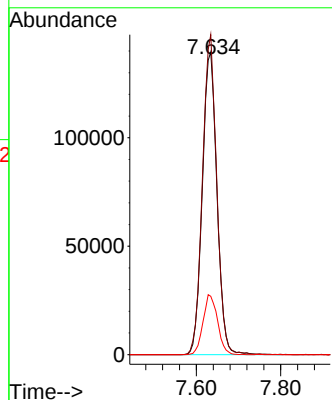
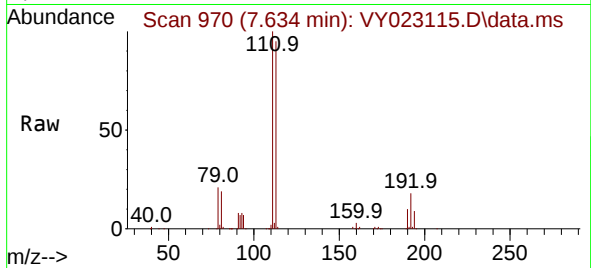




#35
Dibromofluoromethane
Concen: 51.610 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

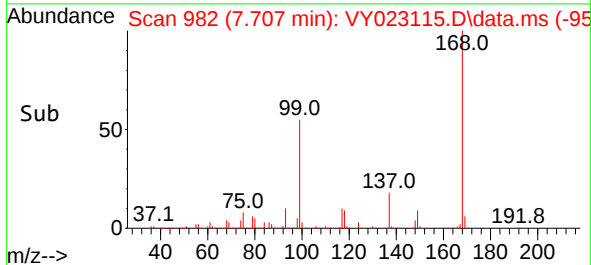
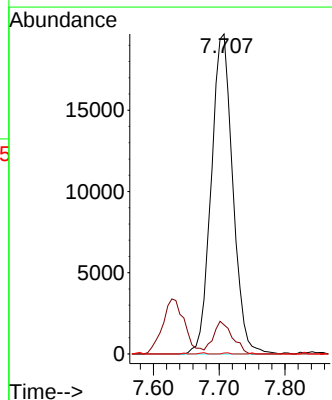
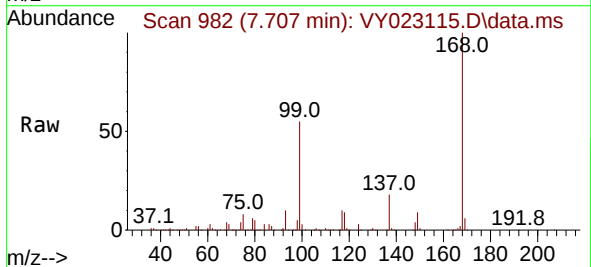
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-08142025

Tgt Ion:113 Resp: 337974
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 19.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

Tgt Ion: 75 Resp: 44877
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.1 24.6 37.0#

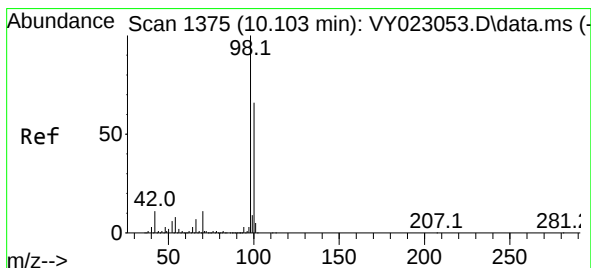
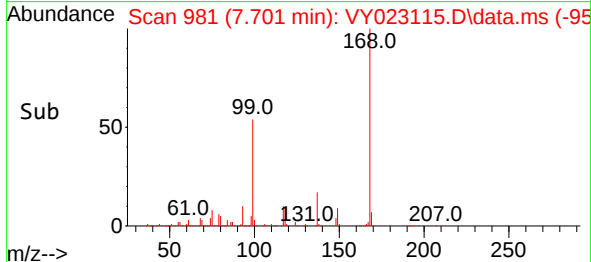
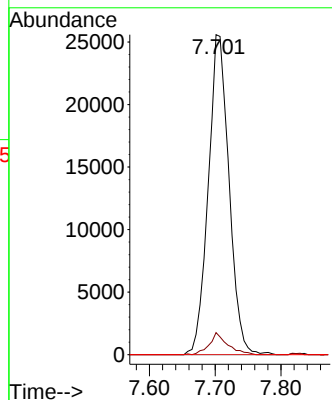
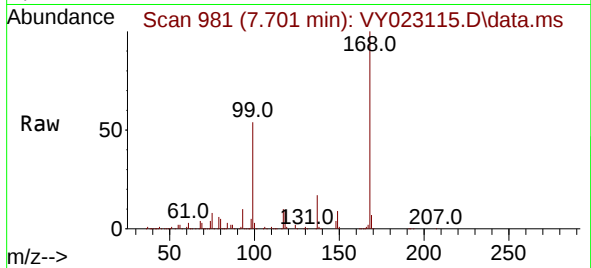




#38
Carbon Tetrachloride
Concen: 5.322 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

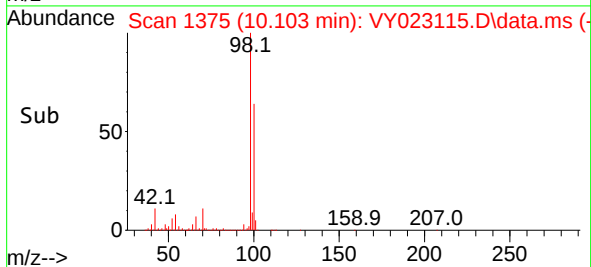
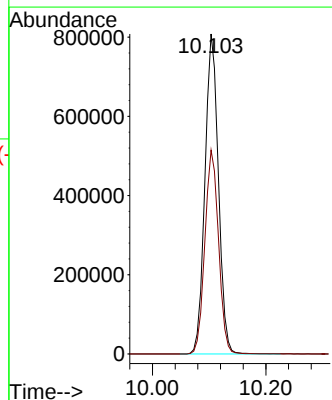
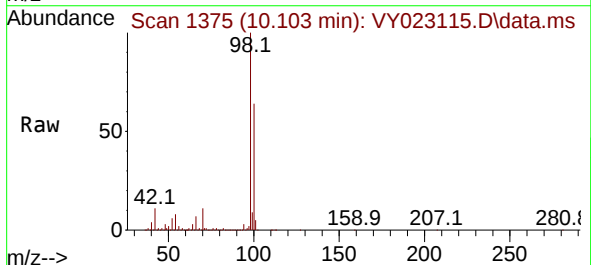
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-08142025

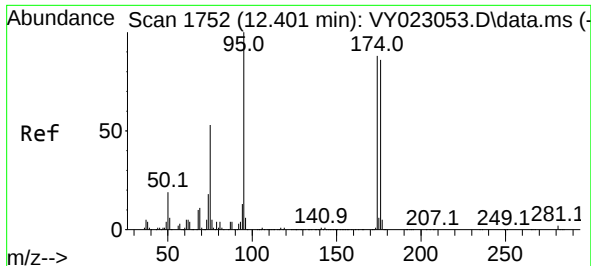
Tgt Ion:117 Resp: 56255
Ion Ratio Lower Upper
117 100
119 6.9 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.124 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

Tgt Ion: 98 Resp: 1333476
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

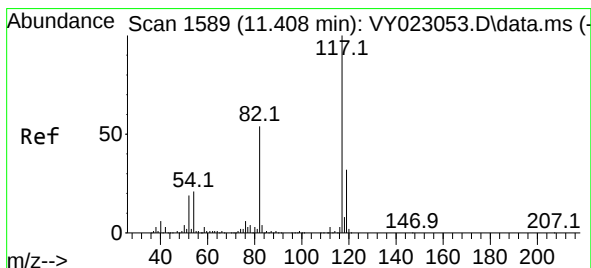
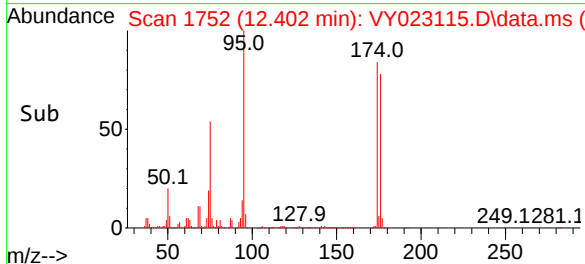
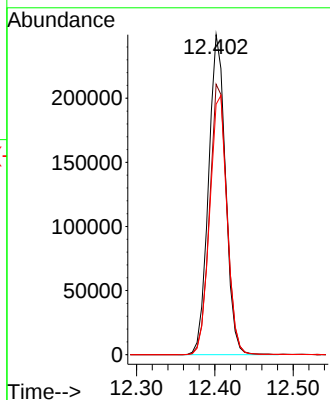
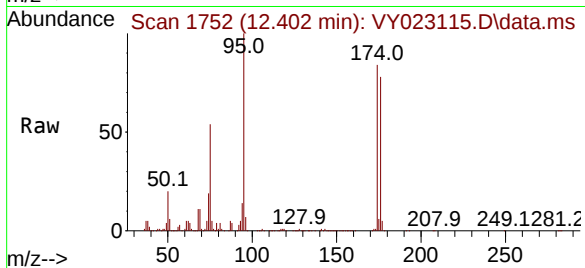




#62
4-Bromofluorobenzene
Concen: 45.648 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

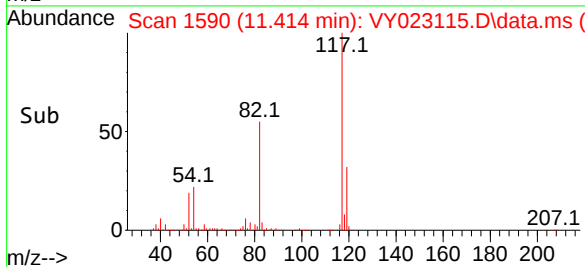
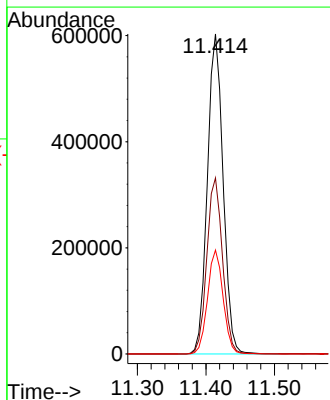
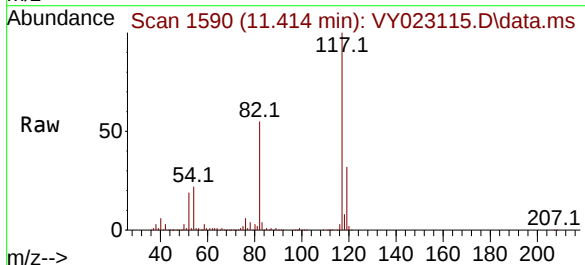
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-08142025

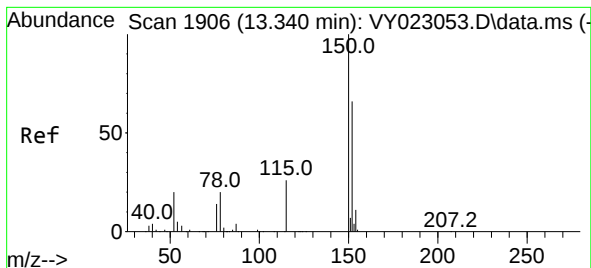
Tgt Ion: 95 Resp: 375563
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023115.D
Acq: 15 Aug 2025 10:44

Tgt Ion: 117 Resp: 962319
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY023115.D

Acq: 15 Aug 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-08142025

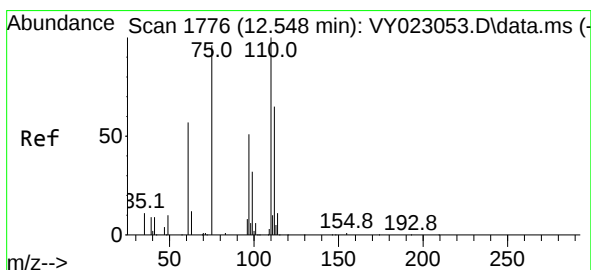
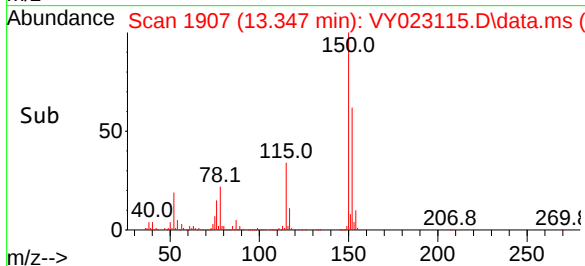
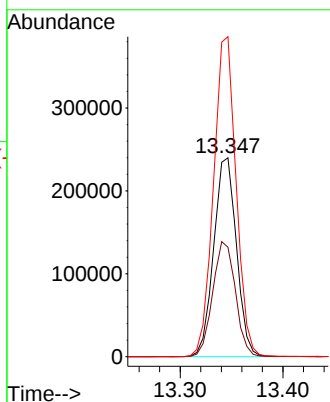
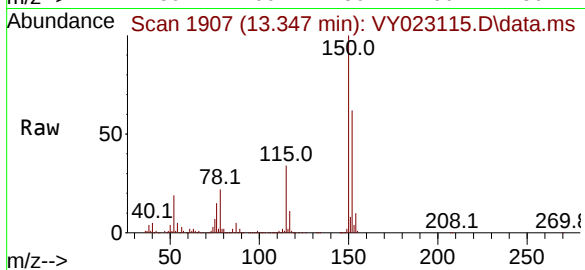
Tgt Ion:152 Resp: 368742

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.6

150 159.5 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 56.682 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.146 min

Lab File: VY023115.D

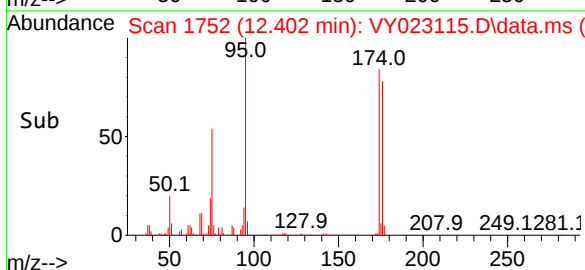
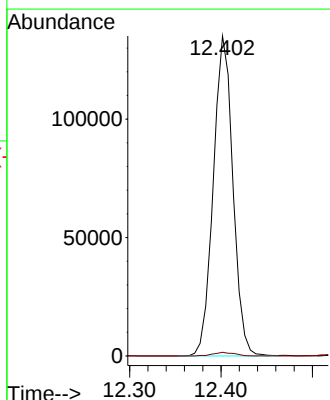
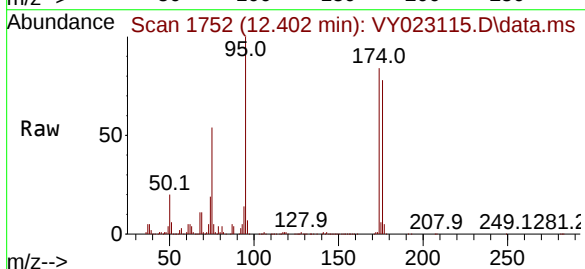
Acq: 15 Aug 2025 10:44

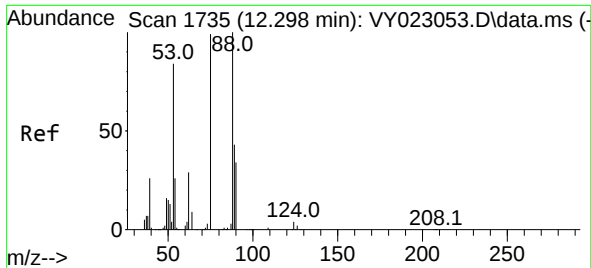
Tgt Ion: 75 Resp: 201717

Ion Ratio Lower Upper

75 100

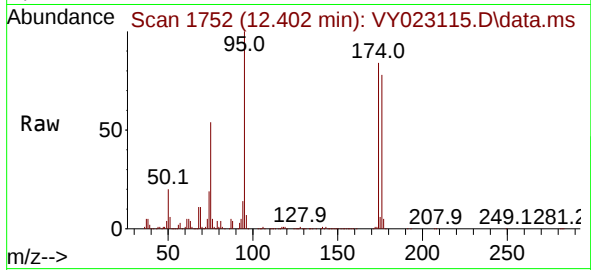
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.209 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023115.D
 Acq: 15 Aug 2025 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-08142025



Tgt Ion: 75 Resp: 201717
 Ion Ratio Lower Upper
 75 100
 53 0.2 70.8 106.2#
 89 0.0 38.1 57.1#

