

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023201.D
 Acq On : 25 Aug 2025 09:41
 Operator : SY/MD
 Sample : VY0825SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:44:49 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)

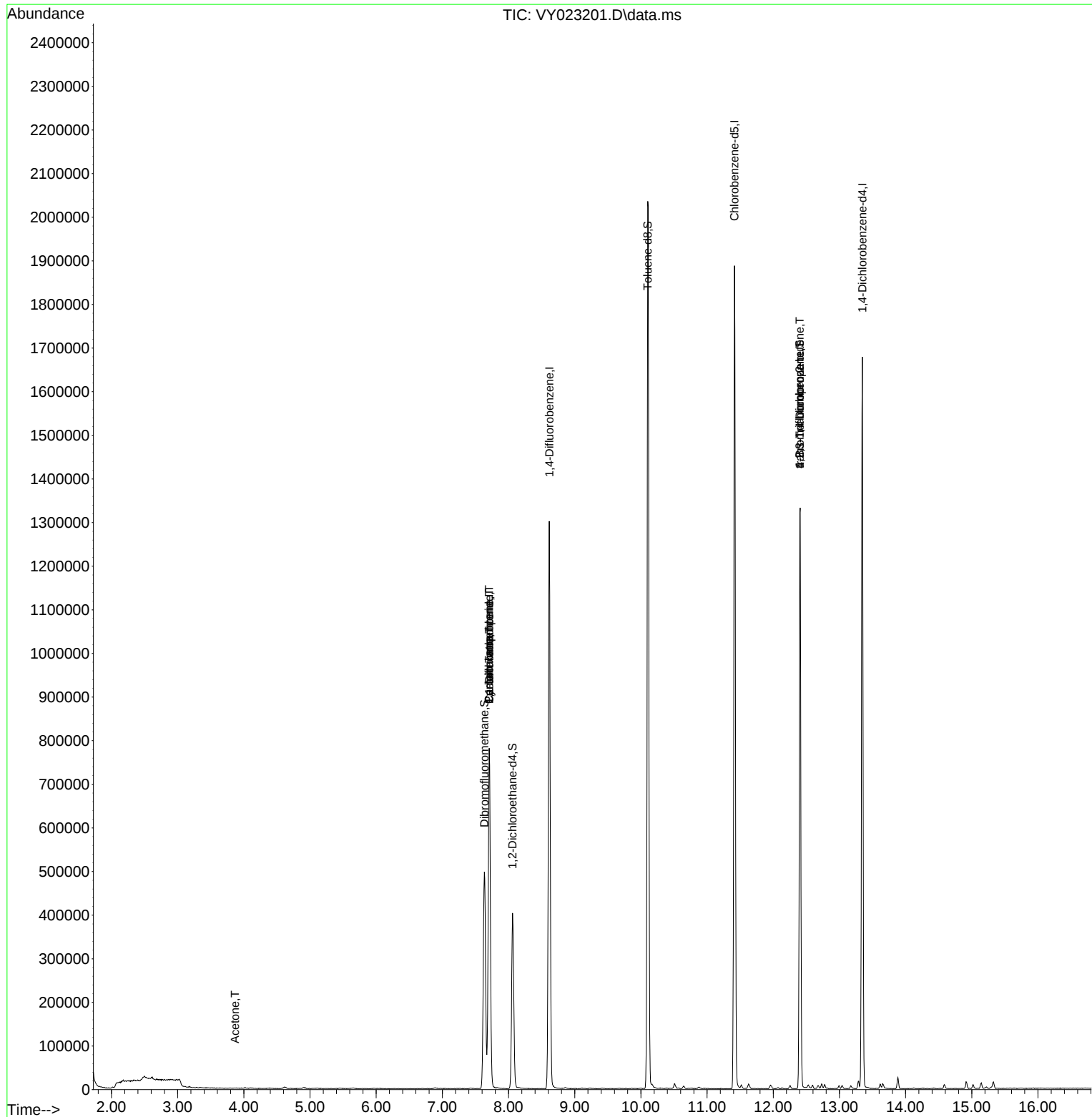
Internal Standards						
1) Pentafluorobenzene	7.707	168	621806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1134002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1027760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	427611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	313650	52.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.860%	
35) Dibromofluoromethane	7.634	113	362583	53.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.860%	
50) Toluene-d8	10.103	98	1349487	50.908	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.401	95	410071	48.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.200%	
Target Compounds						Qvalue
16) Acetone	3.866	43	1407	1.096	ug/l #	41
20) Methylene Chloride	4.610	84	2454	Below Cal	#	75
31) Cyclohexane	7.707	56	12381	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	44417	4.405	ug/l #	49
38) Carbon Tetrachloride	7.707	117	58676	5.357	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	206329	49.996	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	206329	121.025	ug/l #	14

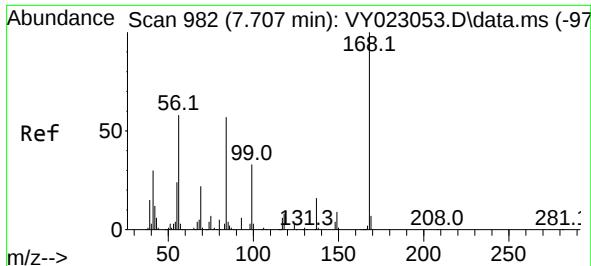
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 25 23:44:49 2025
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

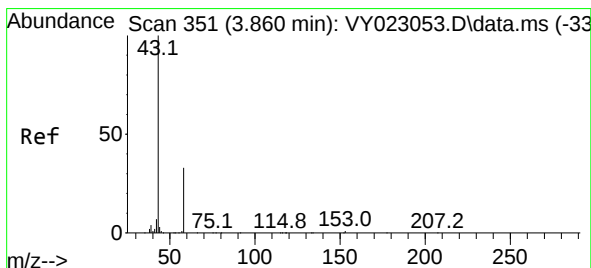
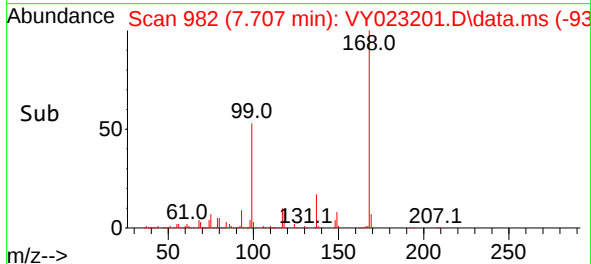
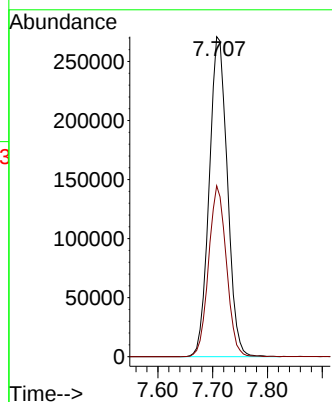
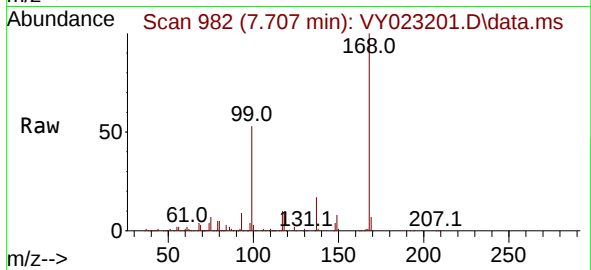




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

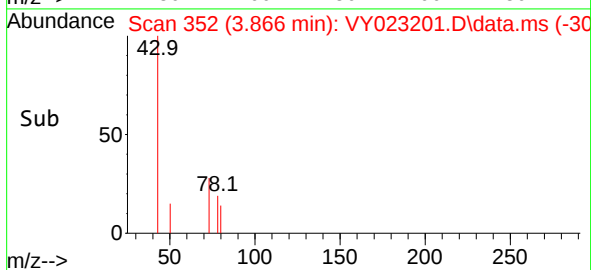
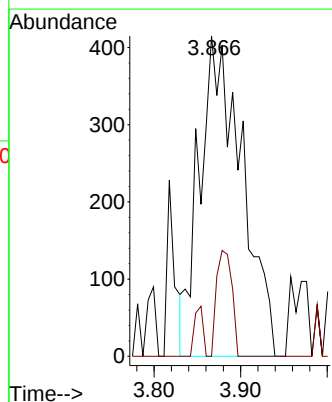
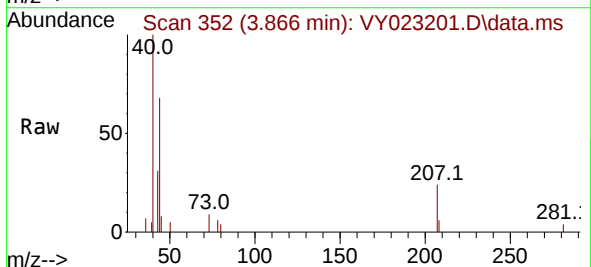
Instrument :
MSVOA_Y
ClientSampleId :

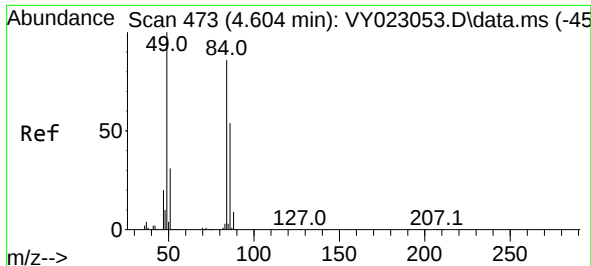
Tgt Ion:168 Resp: 621806
Ion Ratio Lower Upper
168 100
99 53.4 42.8 64.2



#16
Acetone
Concen: 1.096 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#

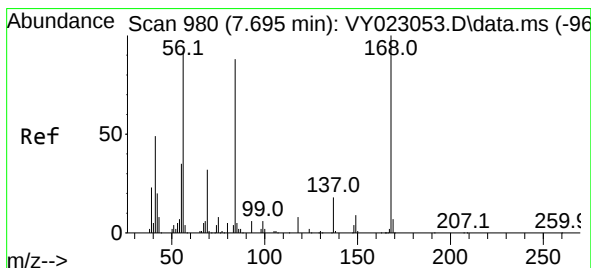
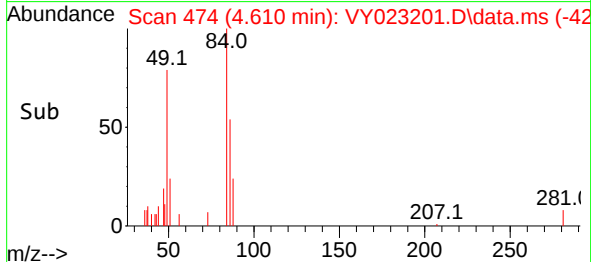
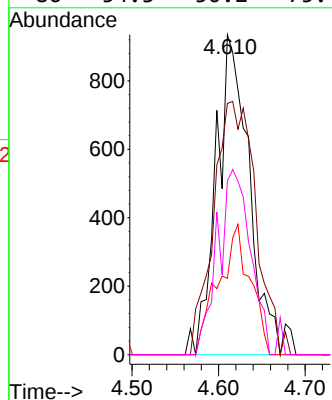
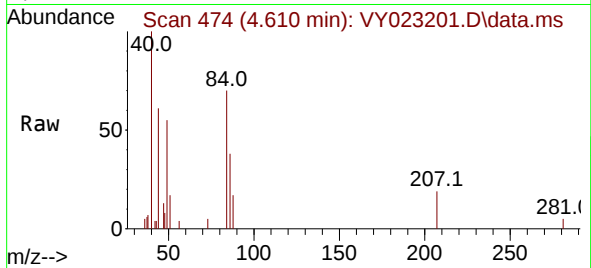




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

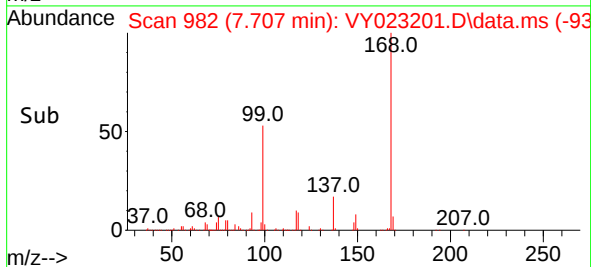
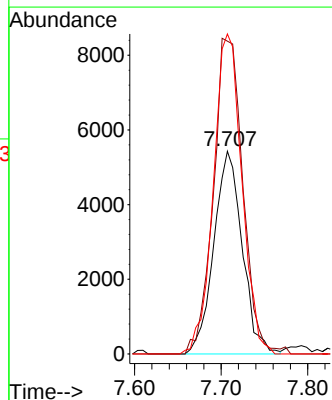
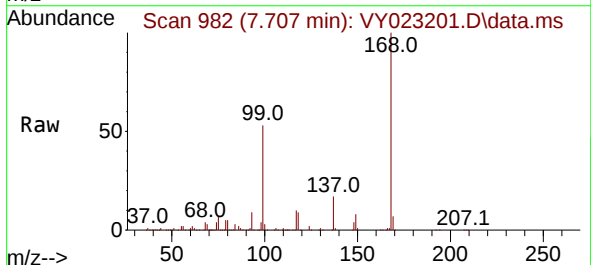
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	84	Resp:	2454
Ion	Ratio	Lower	Upper
84	100		
49	78.5	93.0	139.6#
51	23.9	29.0	43.4#
86	54.3	50.2	75.4



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion:	56	Resp:	12381
Ion	Ratio	Lower	Upper
56	100		
69	154.3	28.2	42.2#
84	157.9	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 52.926 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023201.D

Acq: 25 Aug 2025 09:41

Instrument :

MSVOA_Y

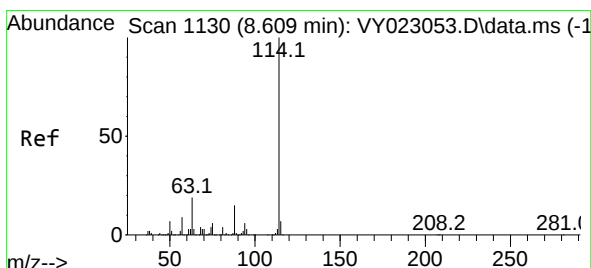
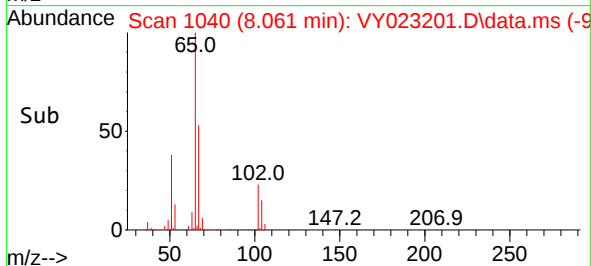
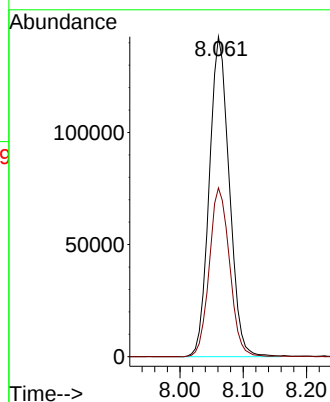
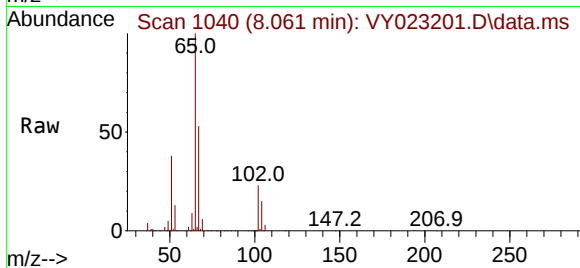
ClientSampleId :

Tgt Ion: 65 Resp: 313650

Ion Ratio Lower Upper

65 100

67 53.4 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: VY023201.D

Acq: 25 Aug 2025 09:41

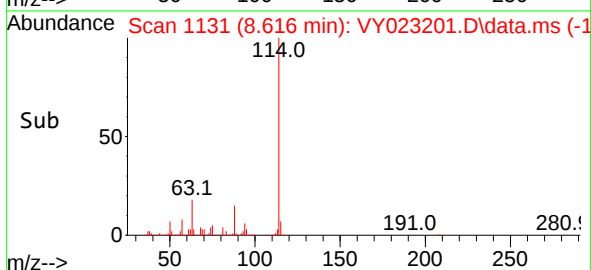
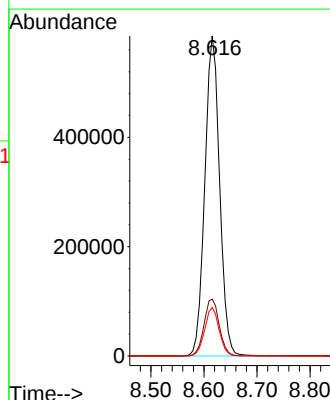
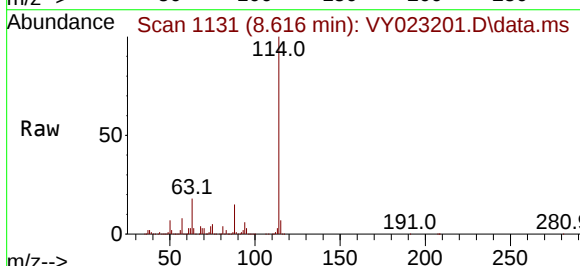
Tgt Ion: 114 Resp: 1134002

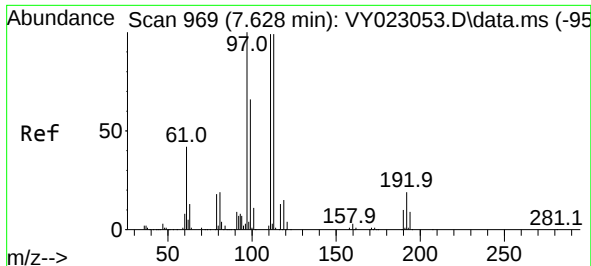
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

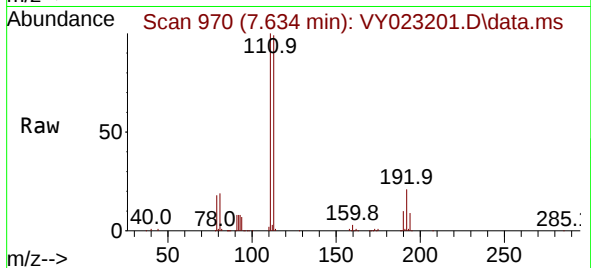
88 15.2 0.0 30.0



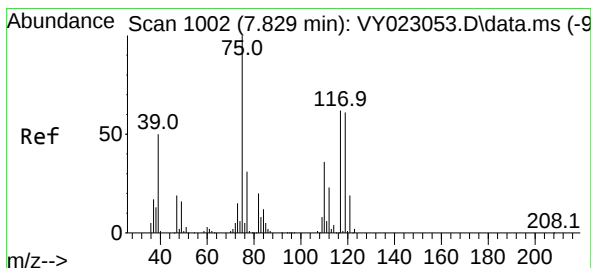
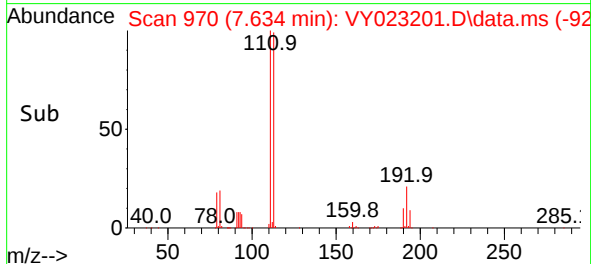
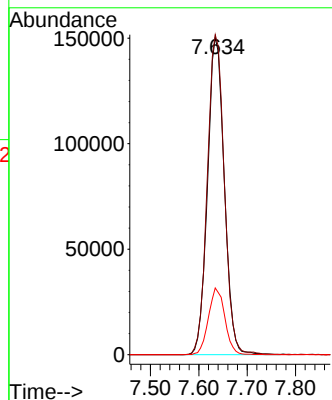


#35
Dibromofluoromethane
Concen: 53.435 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Instrument :
MSVOA_Y
ClientSampleId :

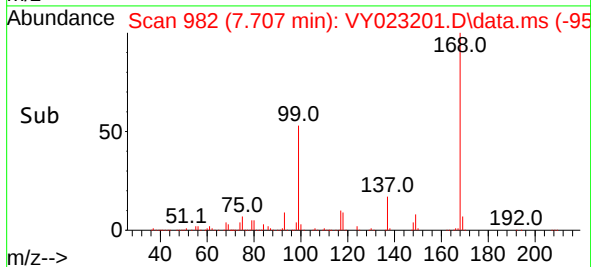
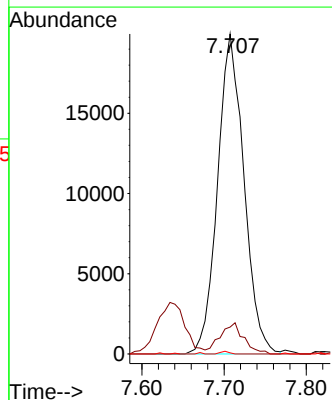
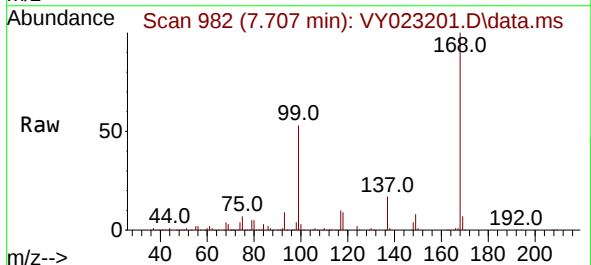


Tgt Ion:113 Resp: 362583
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

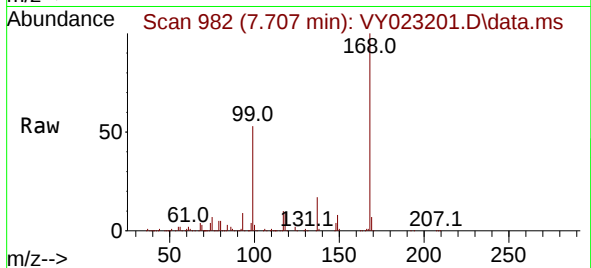
Tgt Ion: 75 Resp: 44417
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.3 24.6 37.0#



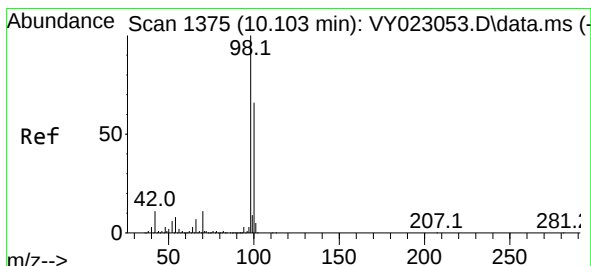
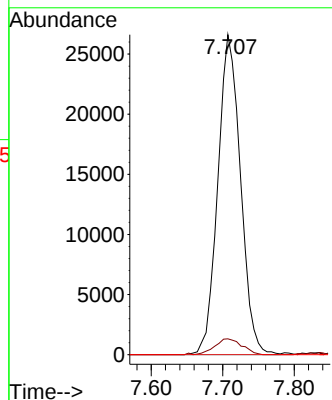
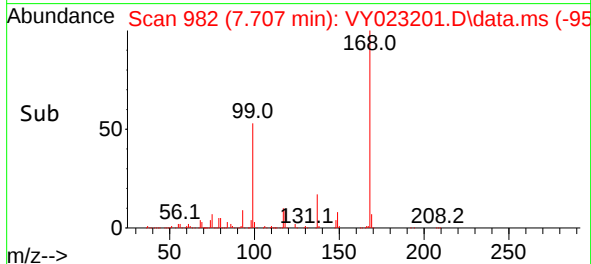


#38
Carbon Tetrachloride
Concen: 5.357 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Instrument :
MSVOA_Y
ClientSampleId :

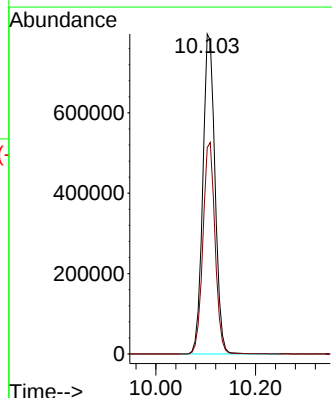
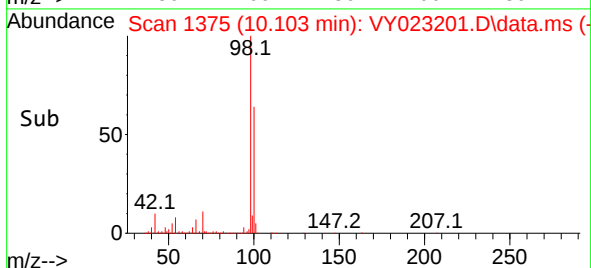
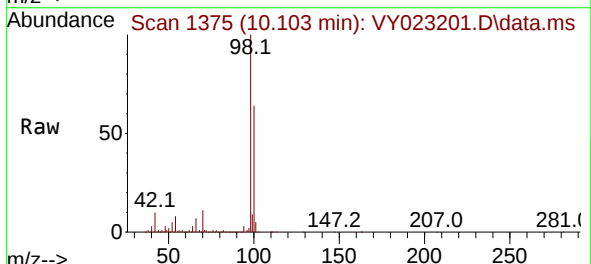


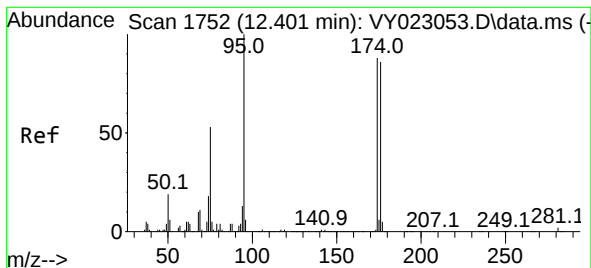
Tgt Ion:117 Resp: 58676
Ion Ratio Lower Upper
117 100
119 5.0 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 50.908 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion: 98 Resp: 1349487
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

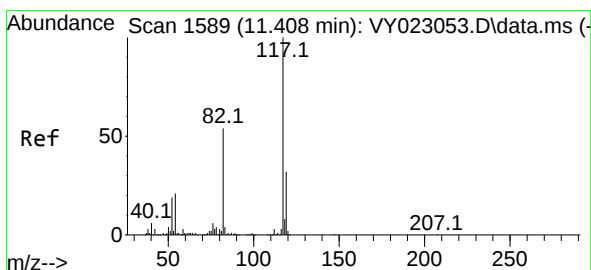
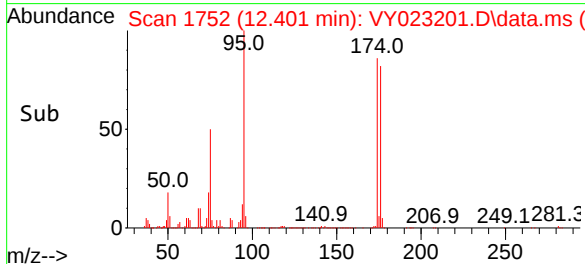
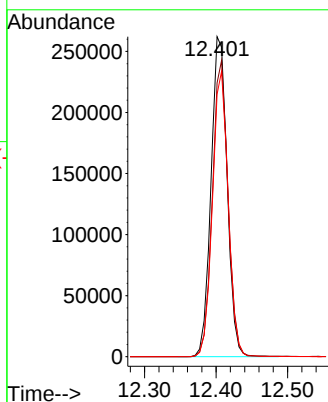
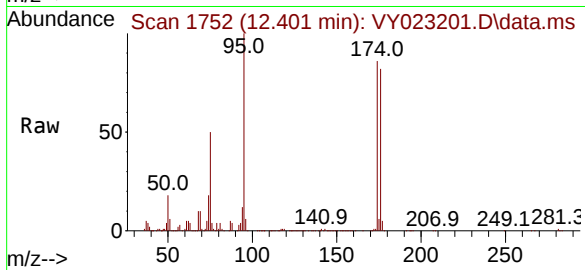




#62
4-Bromofluorobenzene
Concen: 48.102 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

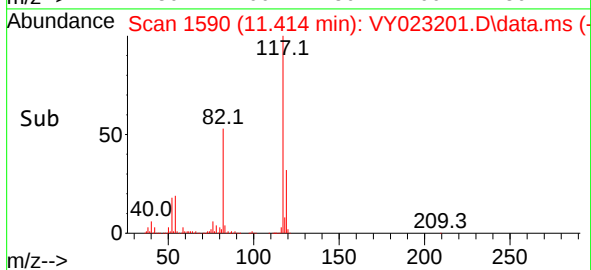
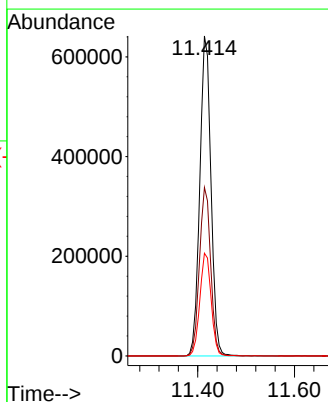
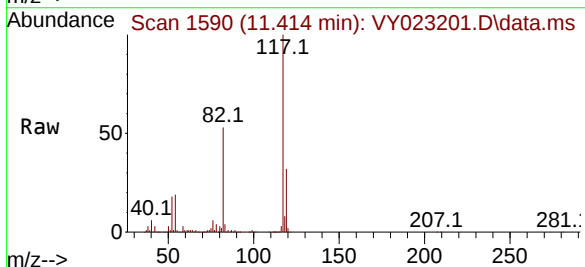
Instrument :
MSVOA_Y
ClientSampleId :

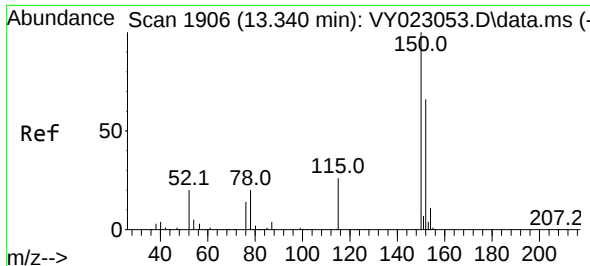
Tgt Ion: 95 Resp: 410071
Ion Ratio Lower Upper
95 100
174 90.0 0.0 171.6
176 87.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion: 117 Resp: 1027760
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.1 25.6 38.4

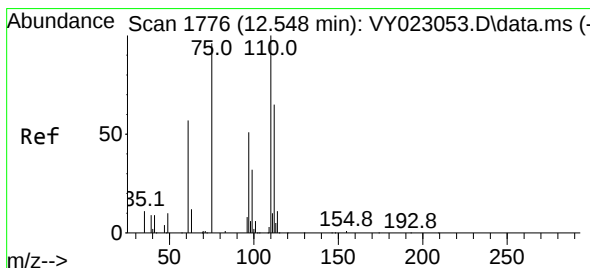
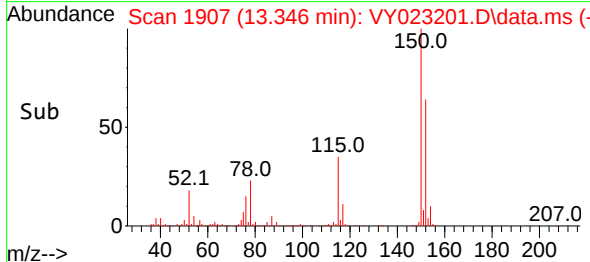
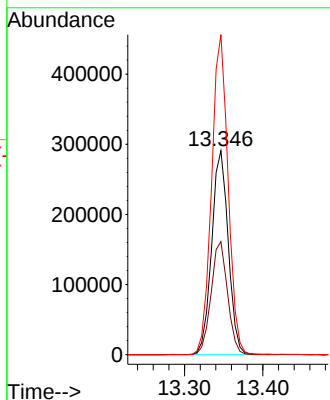
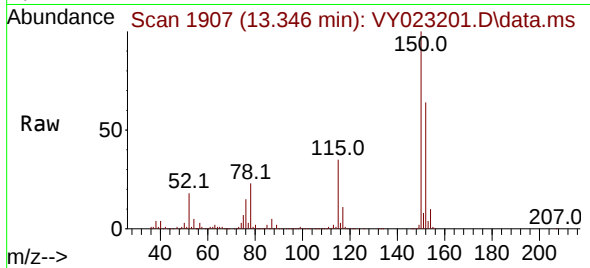




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

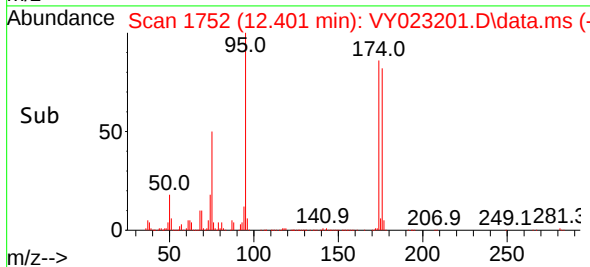
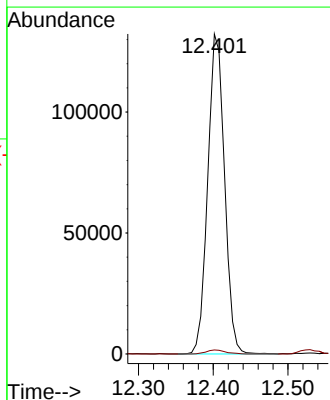
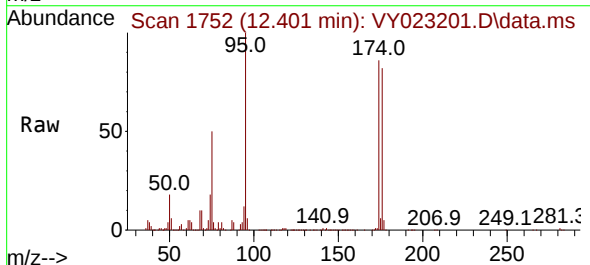
Instrument :
MSVOA_Y
ClientSampleId :

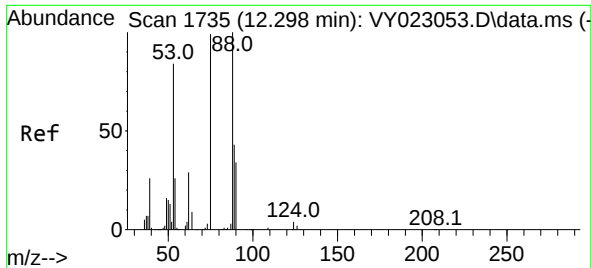
Tgt Ion:152 Resp: 427611
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.6
150 156.0 0.0 348.0



#76
1,2,3-Trichloropropane
Concen: 49.996 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

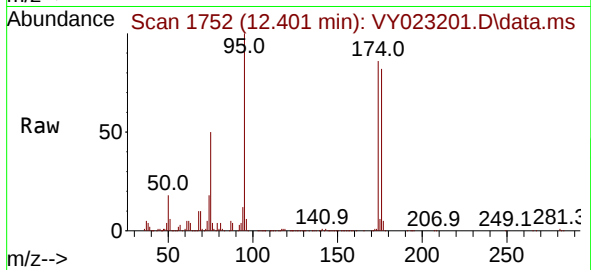
Tgt Ion: 75 Resp: 206329
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.025 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023201.D
 Acq: 25 Aug 2025 09:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 206329
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.8 106.2#
 89 0.0 38.1 57.1#

