

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022326.D
 Acq On : 19 May 2025 18:06
 Operator : SY/MD
 Sample : Q2056-01
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GVD11

Quant Time: May 20 01:17:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

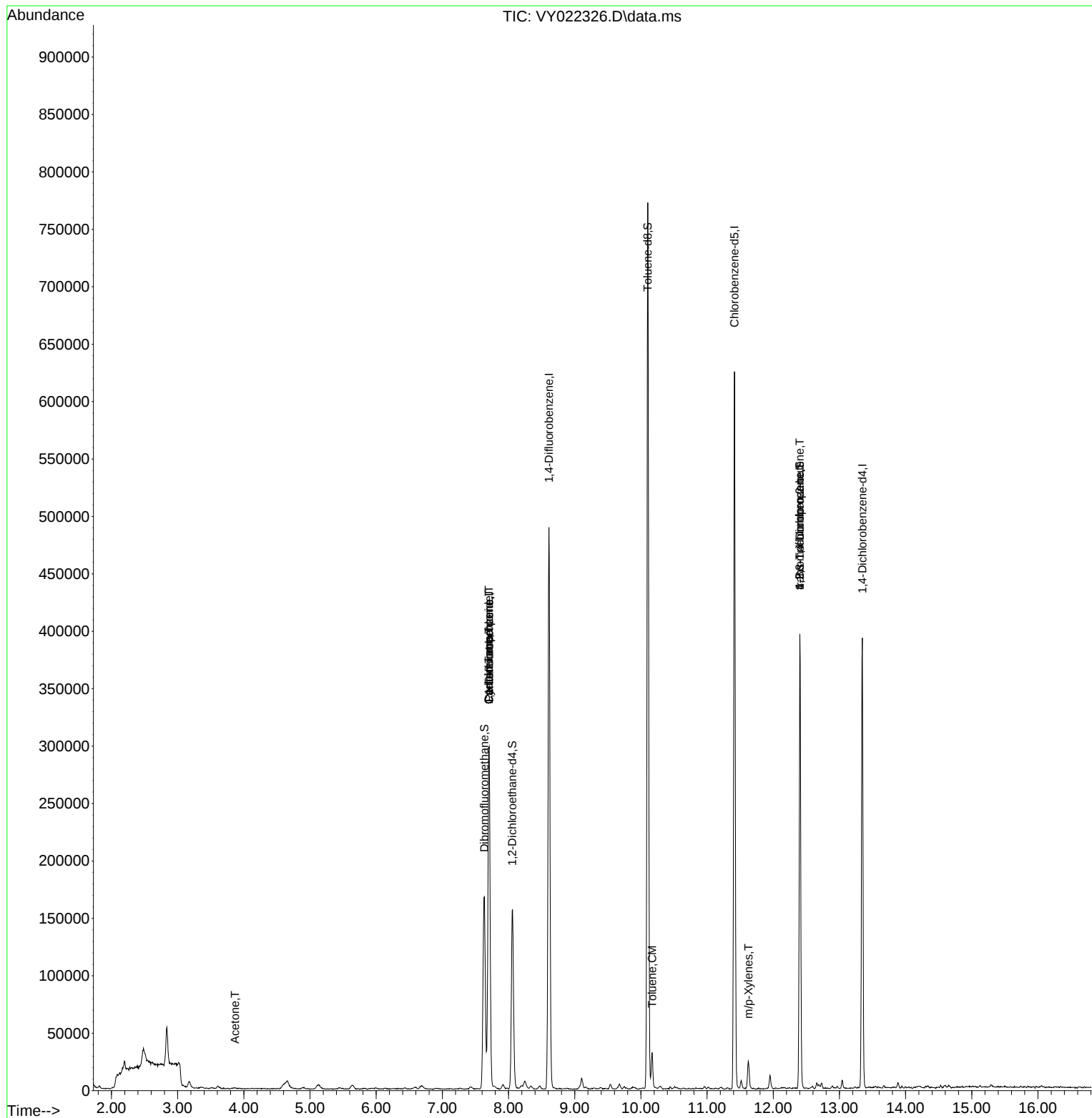
Internal Standards						
1) Pentafluorobenzene	7.707	168	223481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	406573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	89910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	118272	48.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.840%
35) Dibromofluoromethane	7.634	113	119461	49.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.103	98	475704	47.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.402	95	110208	34.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.960%
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	1216	2.655	ug/l #	72
31) Cyclohexane	7.701	56	7389	1.495	ug/l #	51
36) 1,1-Dichloropropene	7.701	75	19562	4.894	ug/l #	52
38) Carbon Tetrachloride	7.701	117	23492	5.678	ug/l #	16
52) Toluene	10.170	92	11893	1.585	ug/l	96
68) m/p-Xylenes	11.627	106	6737	1.396	ug/l	95
76) 1,2,3-Trichloropropane	12.402	75	63376	69.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	63376	140.944	ug/l #	12

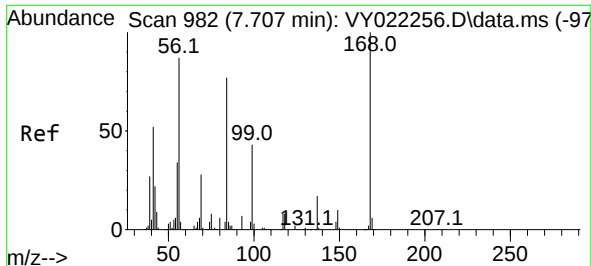
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

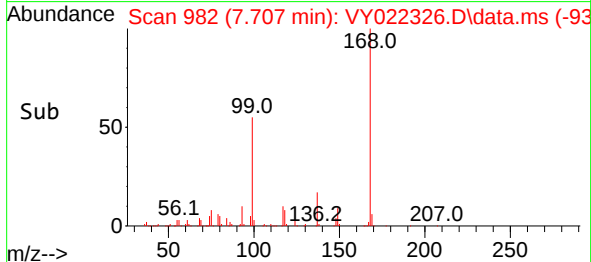
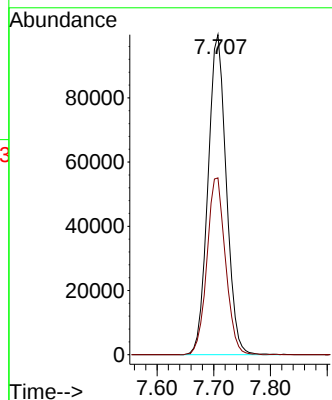
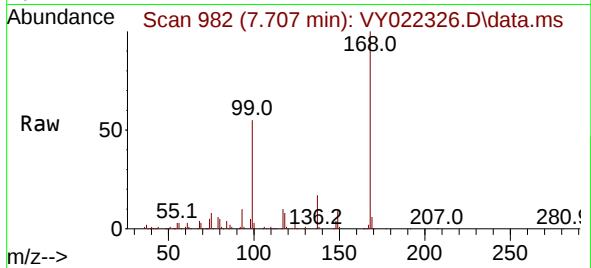




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

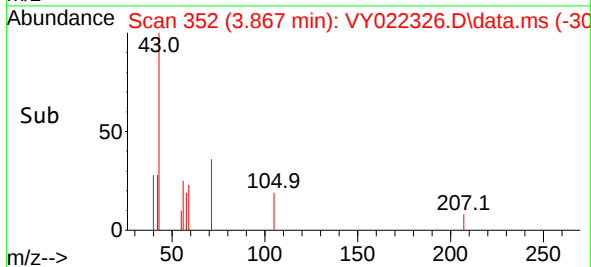
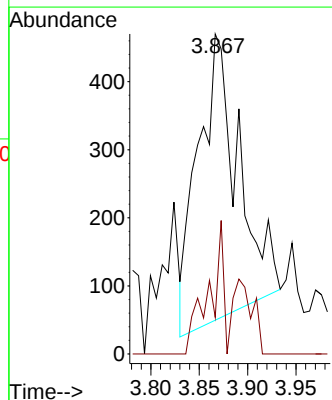
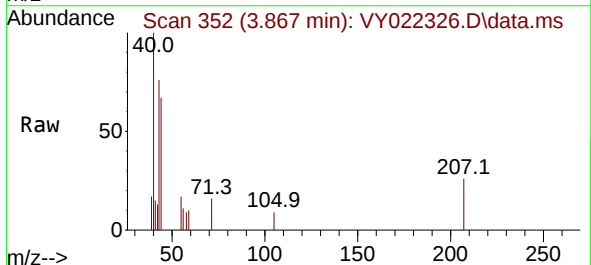
Instrument :
MSVOA_Y
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GVD11

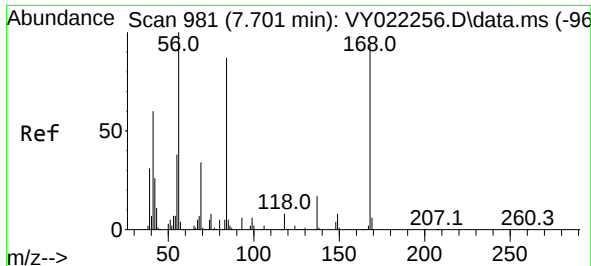
Tgt Ion:168 Resp: 223481
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#16
Acetone
Concen: 2.655 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 14.4 23.6 35.4#

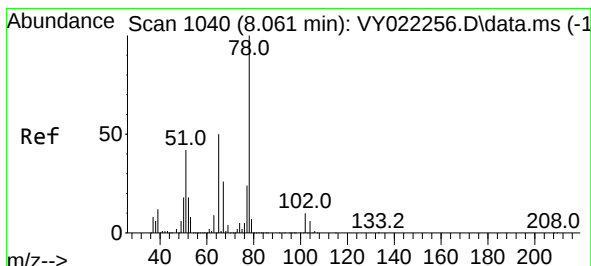
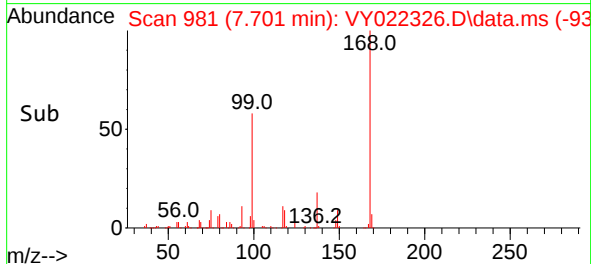
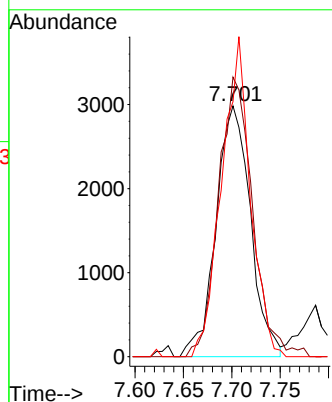
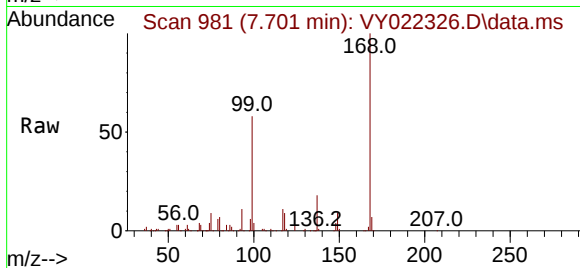




#31
Cyclohexane
Concen: 1.495 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

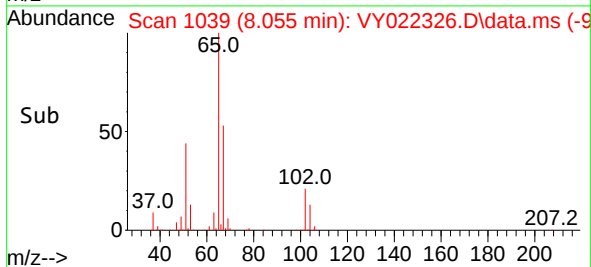
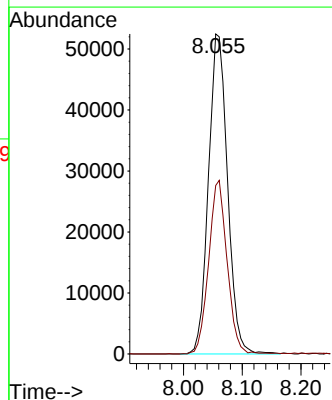
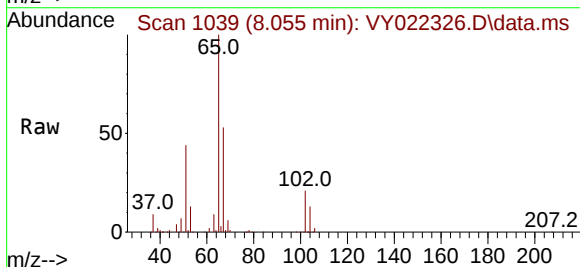
Instrument :
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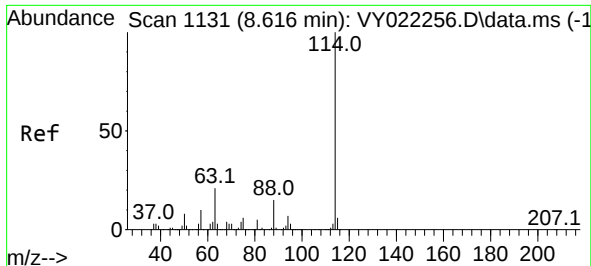
Tgt Ion: 56 Resp: 7389
Ion Ratio Lower Upper
56 100
69 111.5 27.4 41.2#
84 101.7 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 48.424 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion: 65 Resp: 118272
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6

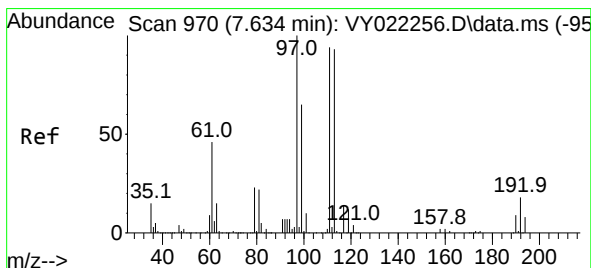
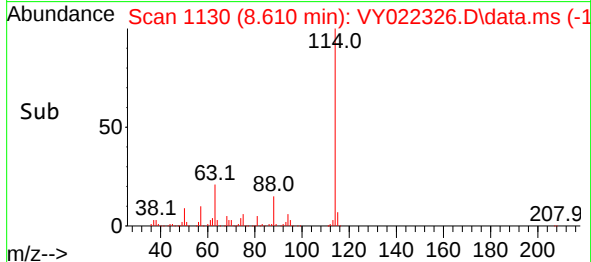
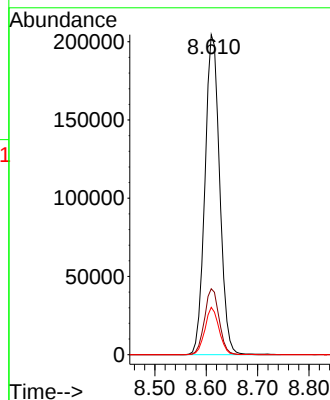
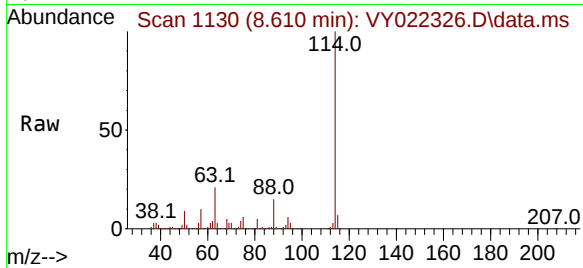




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

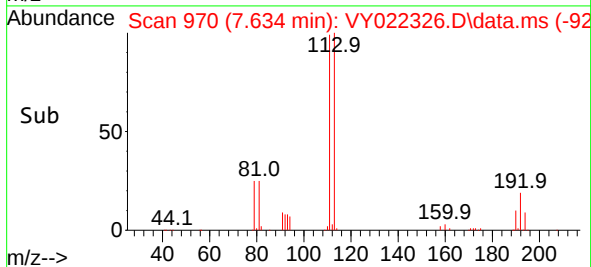
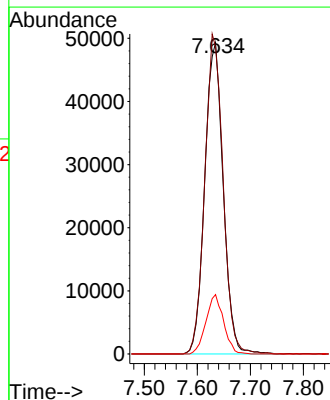
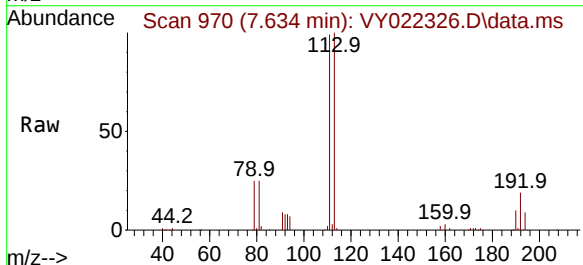
Instrument :
MSVOA_Y
ClientSampleId :
GVD11

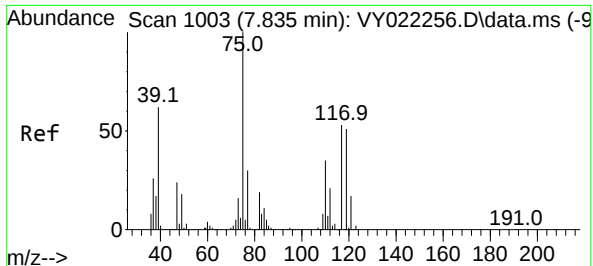
Tgt Ion:114 Resp: 406573
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.228 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion:113 Resp: 119461
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.2 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.894 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY022326.D

Acq: 19 May 2025 18:06

Instrument :

MSVOA_Y

ClientSampleId :

GVD11

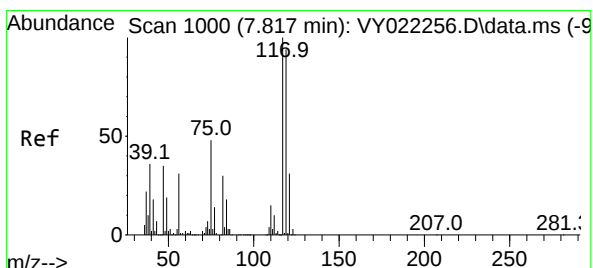
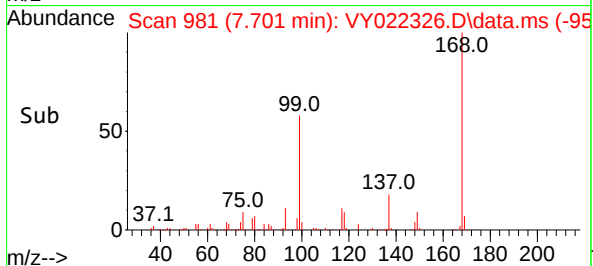
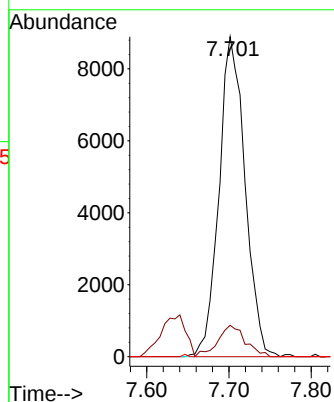
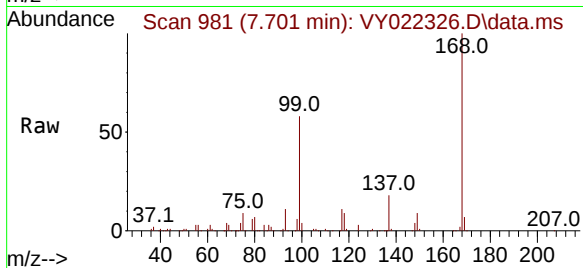
Tgt Ion: 75 Resp: 19562

Ion Ratio Lower Upper

75 100

110 9.8 16.6 49.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.678 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY022326.D

Acq: 19 May 2025 18:06

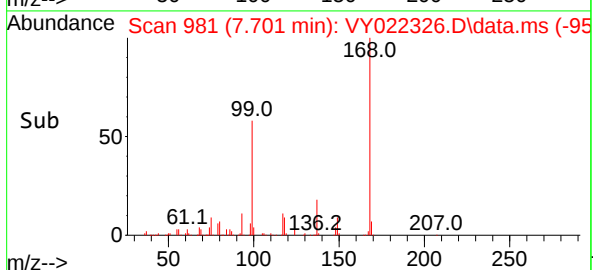
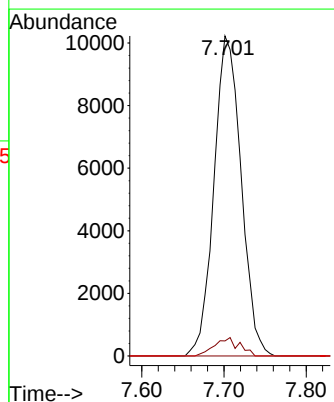
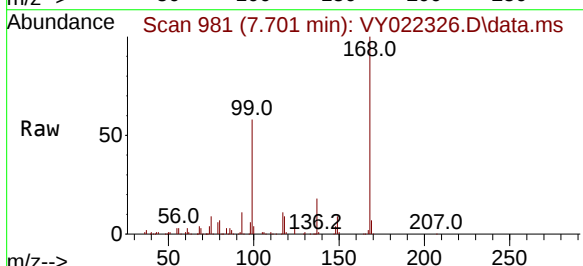
Tgt Ion: 117 Resp: 23492

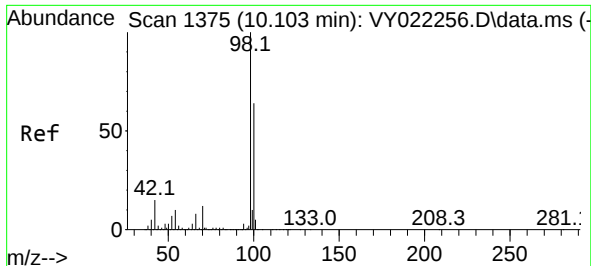
Ion Ratio Lower Upper

117 100

119 4.7 75.3 112.9#

121 0.0 24.7 37.1#

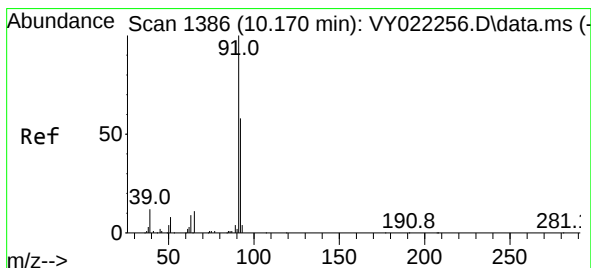
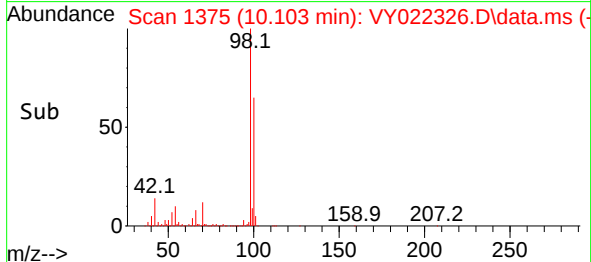
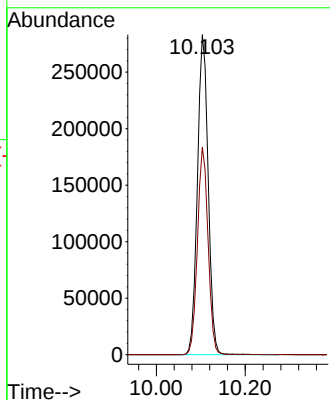
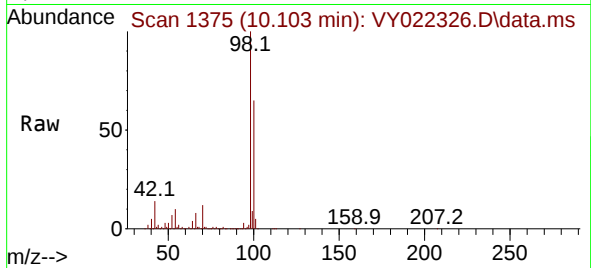




#50
Toluene-d8
Concen: 47.864 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

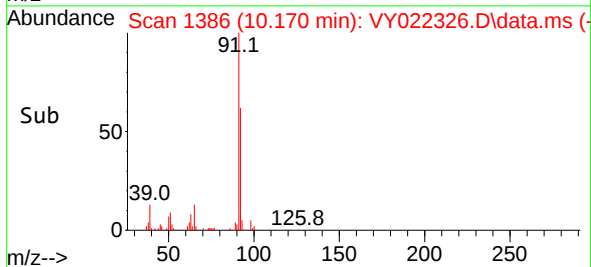
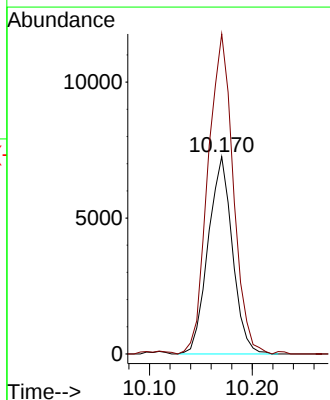
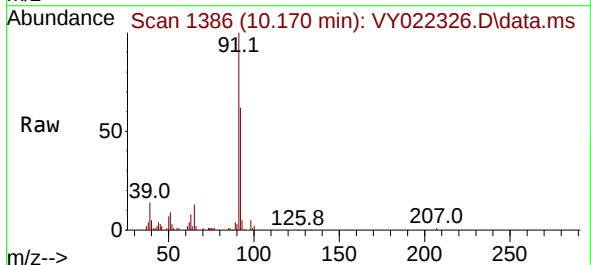
Instrument :
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ClientSampleId :
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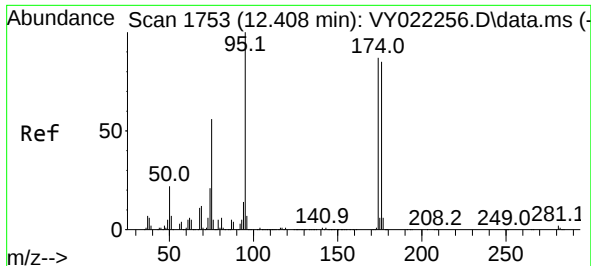
Tgt Ion: 98 Resp: 475704
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



#52
Toluene
Concen: 1.585 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion: 92 Resp: 11893
Ion Ratio Lower Upper
92 100
91 168.9 139.1 208.7

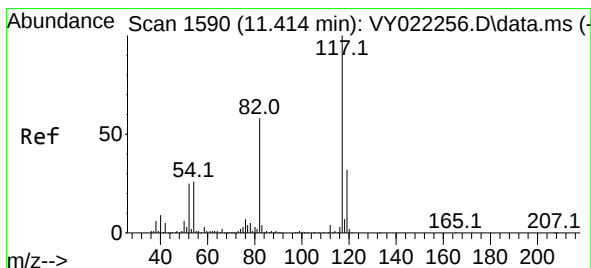
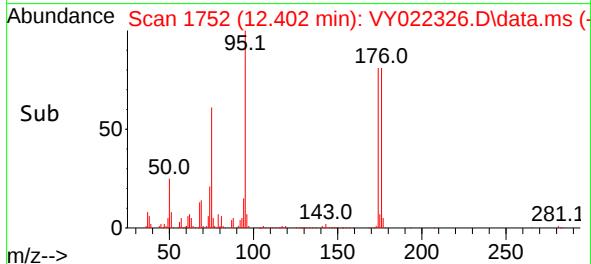
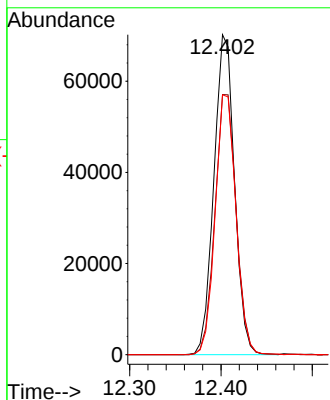
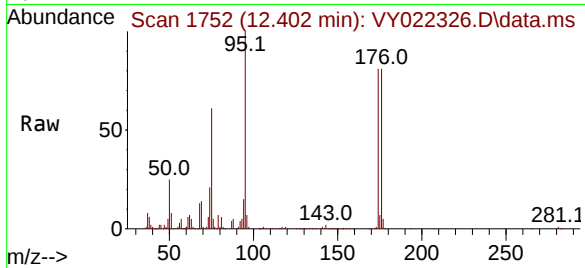




#62
4-Bromofluorobenzene
Concen: 34.985 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

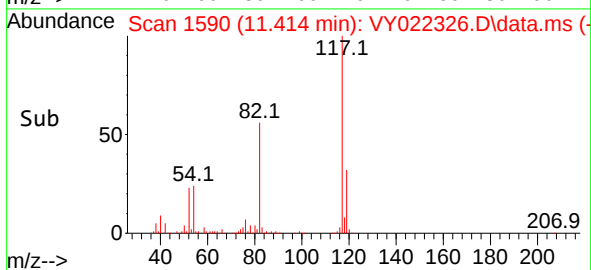
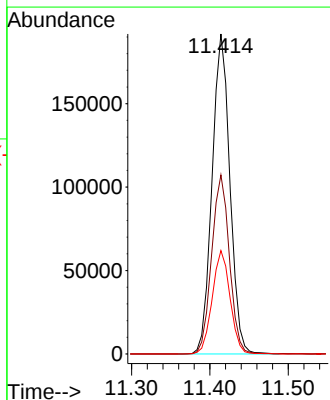
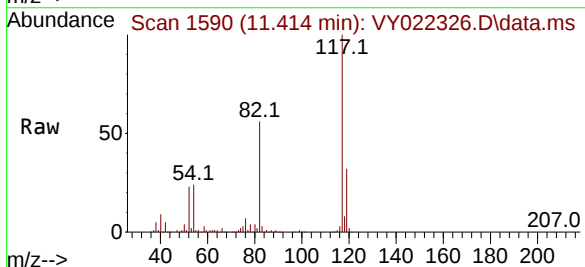
Instrument :
MSVOA_Y
ClientSampleId :
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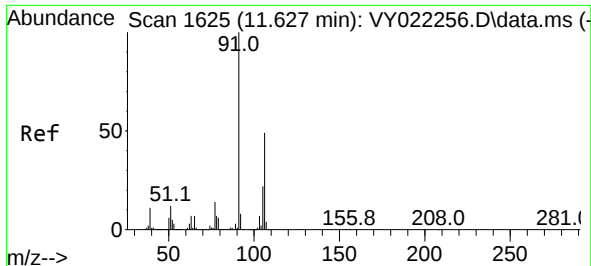
Tgt Ion: 95 Resp: 110208
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.8
176 81.8 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion: 117 Resp: 303031
Ion Ratio Lower Upper
117 100
82 56.0 46.6 70.0
119 32.3 25.8 38.6

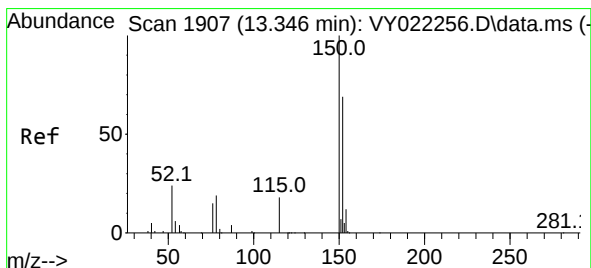
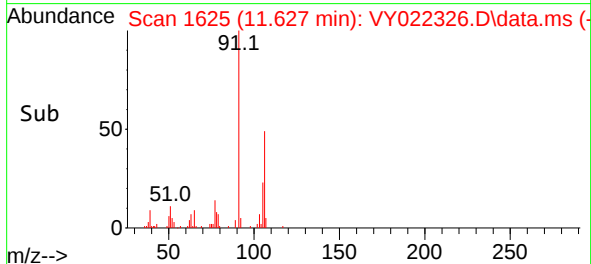
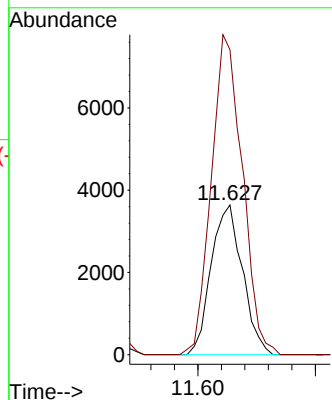
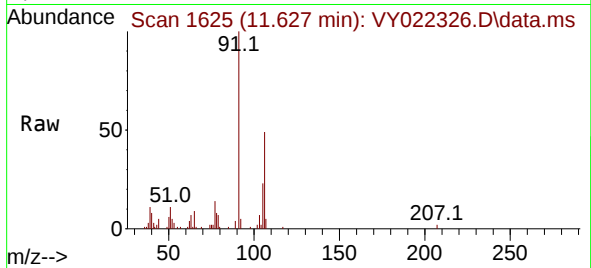




#68
m/p-Xylenes
Concen: 1.396 ug/l
RT: 11.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

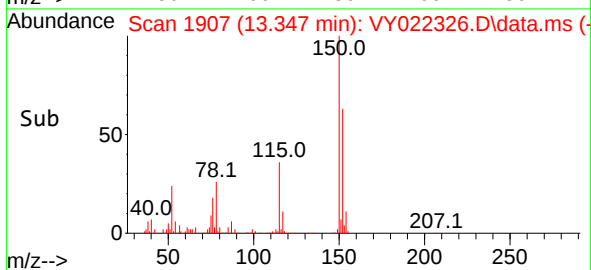
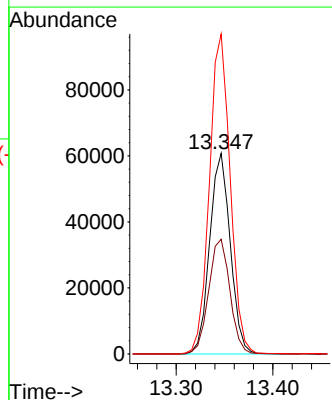
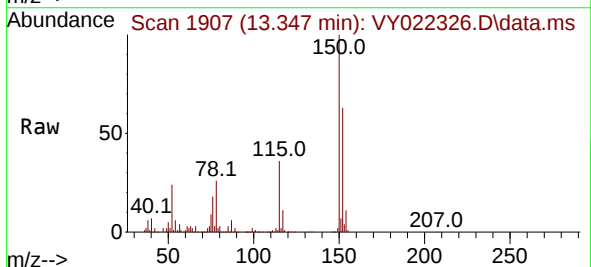
Instrument :
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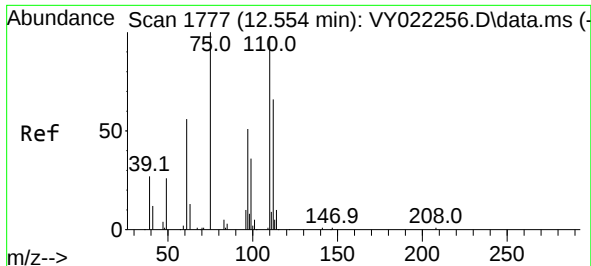
Tgt Ion:106 Resp: 6737
Ion Ratio Lower Upper
106 100
91 211.9 163.0 244.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion:152 Resp: 89910
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.2
150 160.7 0.0 353.8

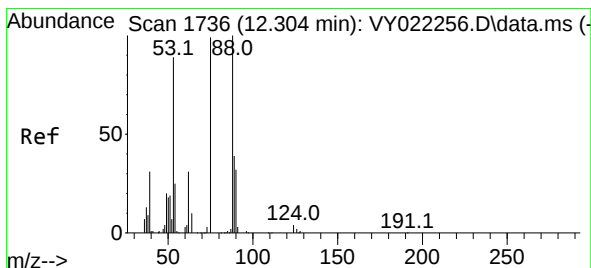
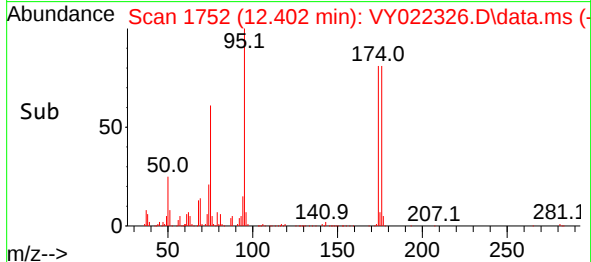
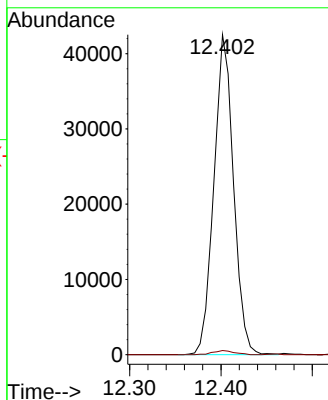
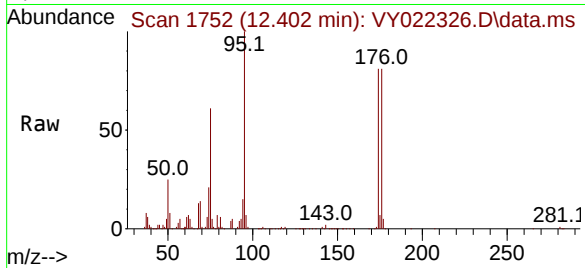




#76
1,2,3-Trichloropropane
Concen: 69.576 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Instrument :
MSVOA_Y
ClientSampleId :
GVD11

Tgt Ion: 75 Resp: 63376
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.944 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion: 75 Resp: 63376
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 36.2 54.2#

