

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022028.D
 Acq On : 28 Apr 2025 13:55
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 29 03:53:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

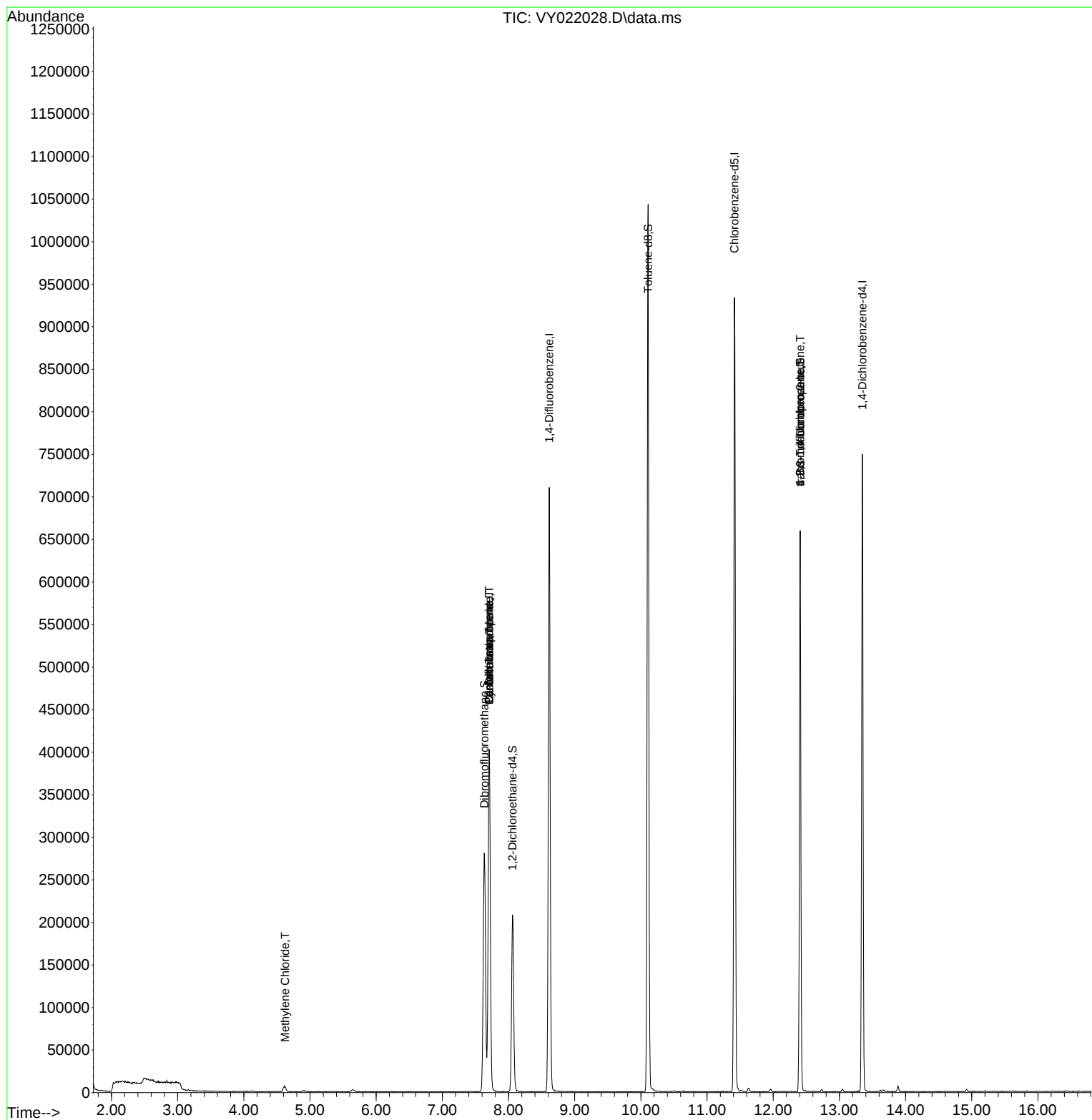
Internal Standards						
1) Pentafluorobenzene	7.707	168	318995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	604906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	163571	55.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.020%	
35) Dibromofluoromethane	7.634	113	206204	51.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.109	98	709996	47.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.408	95	196851	38.812	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.620%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	439	Below Cal	#	44
20) Methylene Chloride	4.622	84	4791	1.286	ug/l	95
31) Cyclohexane	7.707	56	6169	1.267	ug/l #	15
36) 1,1-Dichloropropene	7.707	75	23743	4.423	ug/l #	47
38) Carbon Tetrachloride	7.707	117	31979	4.985	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	93921	55.696	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	93921	134.125	ug/l #	16

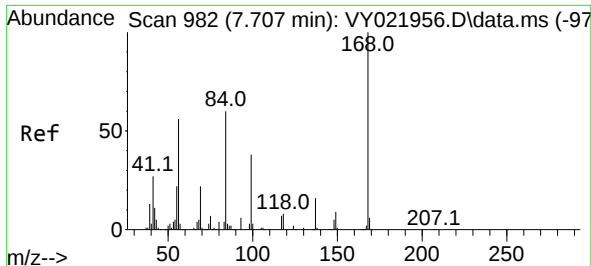
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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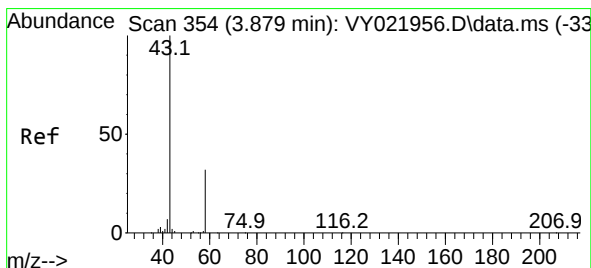
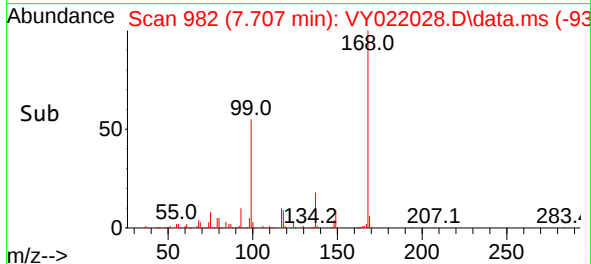
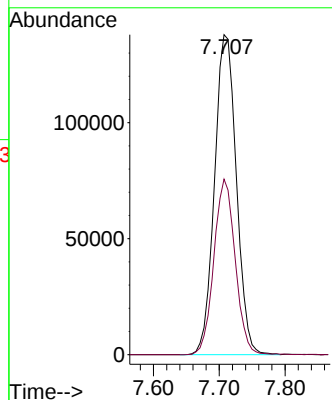
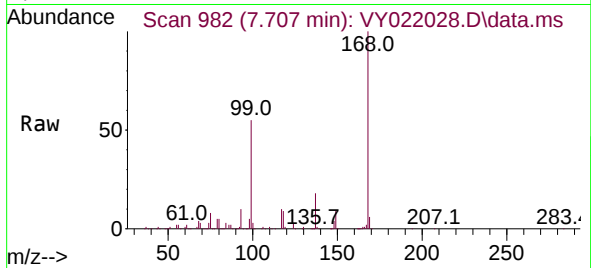




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

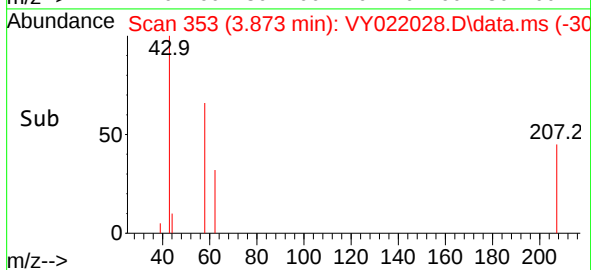
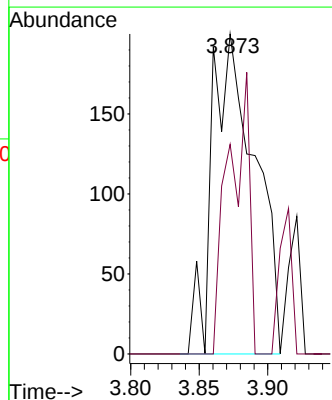
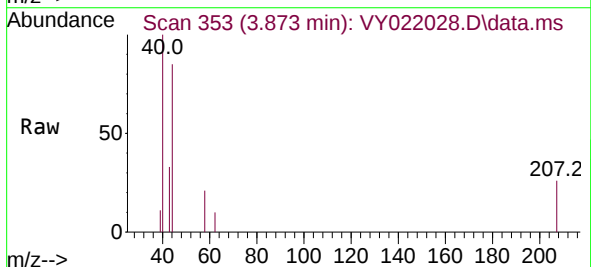
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

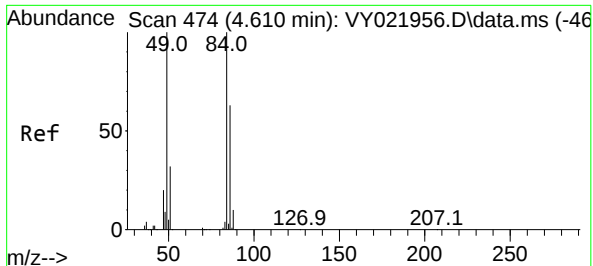
Tgt Ion:168 Resp: 318995
Ion Ratio Lower Upper
168 100
99 54.9 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 65.5 27.0 40.4#

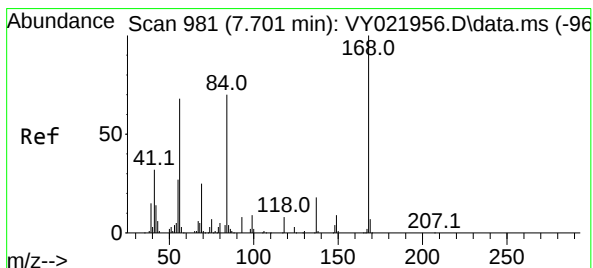
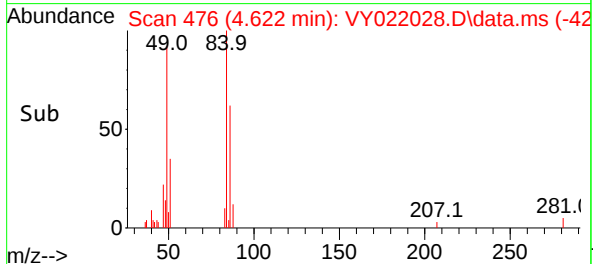
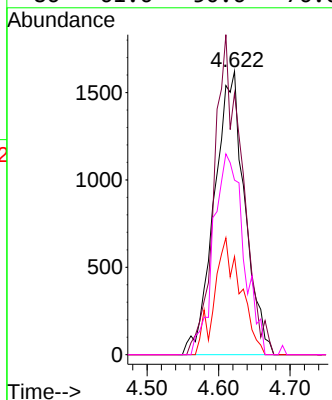
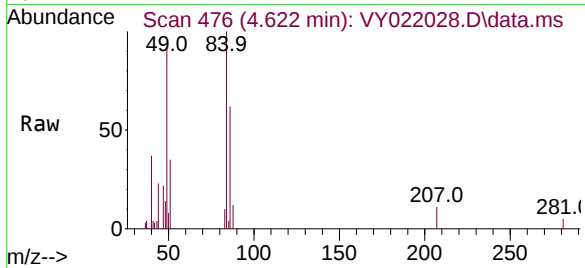




#20
Methylene Chloride
Concen: 1.286 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

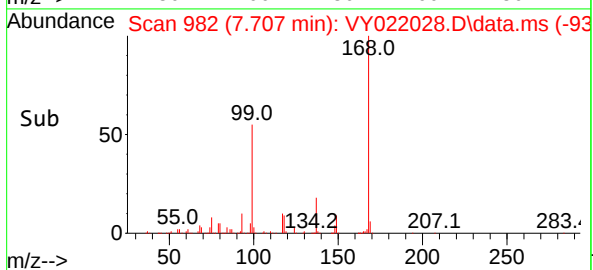
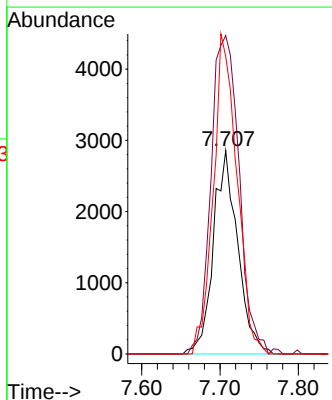
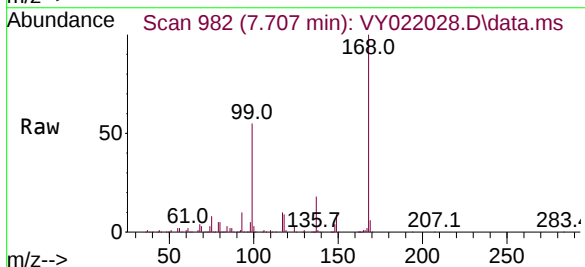
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

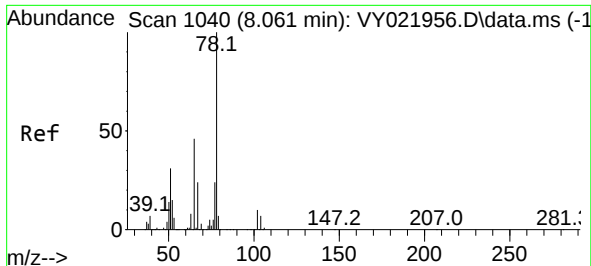
Tgt Ion:	84	Resp:	4791
Ion	Ratio	Lower	Upper
84	100		
49	92.3	79.9	119.9
51	34.6	25.4	38.0
86	61.6	50.6	76.0



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion:	56	Resp:	6169
Ion	Ratio	Lower	Upper
56	100		
69	156.6	29.4	44.2#
84	146.3	82.2	123.4#





#33

1,2-Dichloroethane-d4

Concen: 55.514 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022028.D

Acq: 28 Apr 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

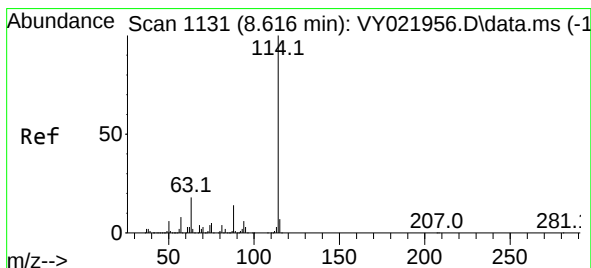
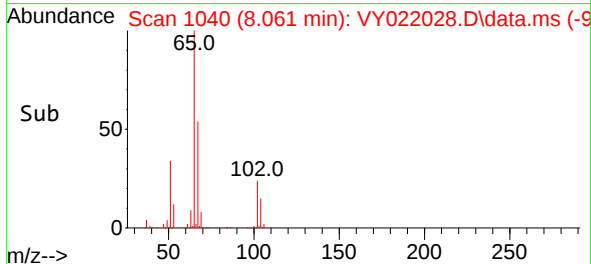
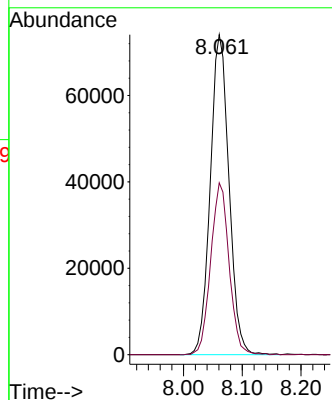
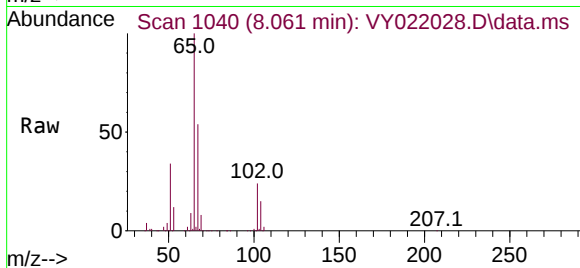
IBLK

Tgt Ion: 65 Resp: 163571

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022028.D

Acq: 28 Apr 2025 13:55

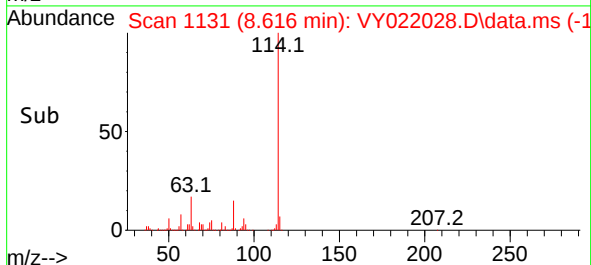
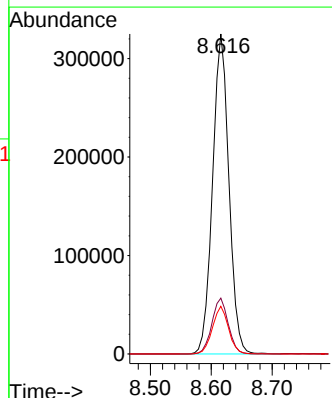
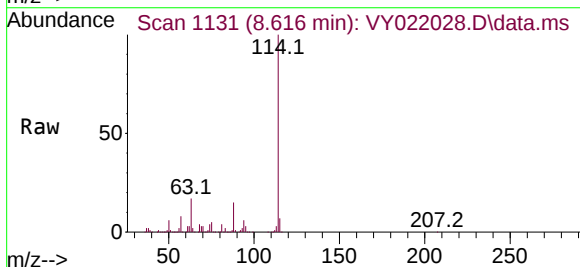
Tgt Ion: 114 Resp: 604906

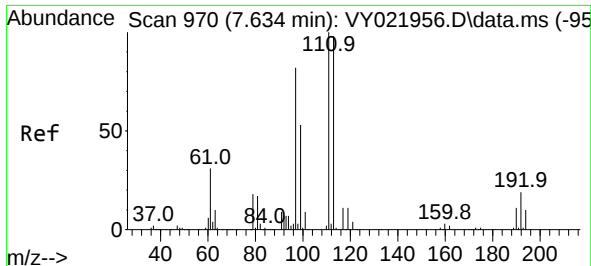
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

88 14.9 0.0 28.2

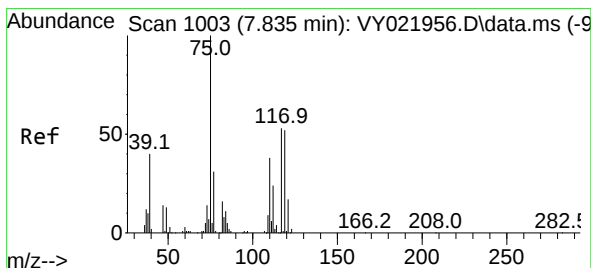
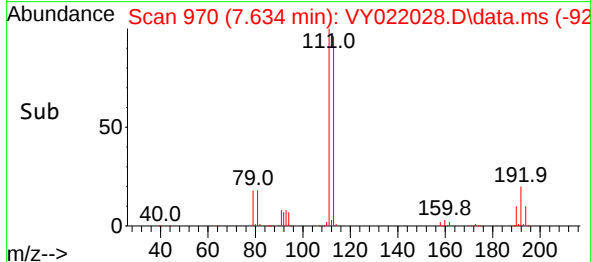
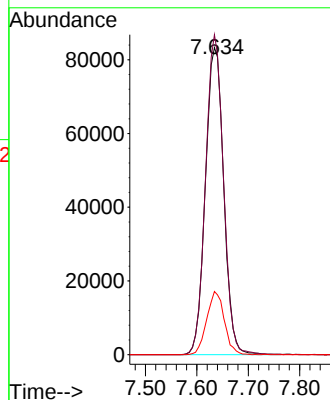
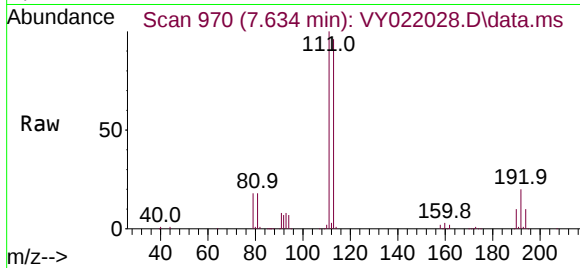




#35
Dibromofluoromethane
Concen: 51.598 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

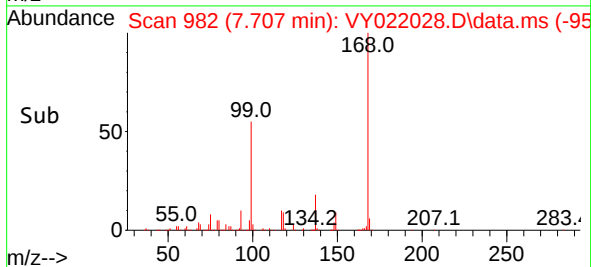
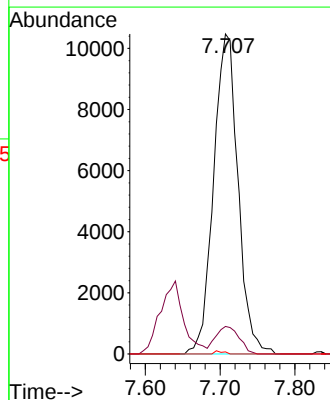
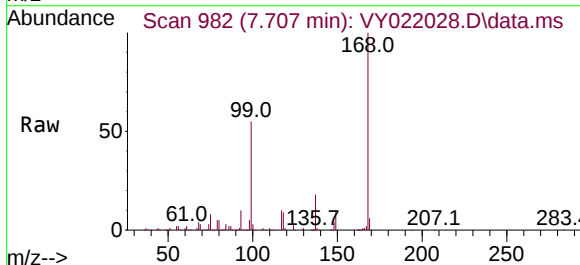
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

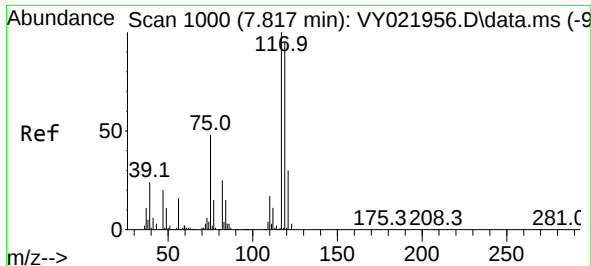
Tgt Ion:113 Resp: 206204
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion: 75 Resp: 23743
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.3 25.5 38.3#

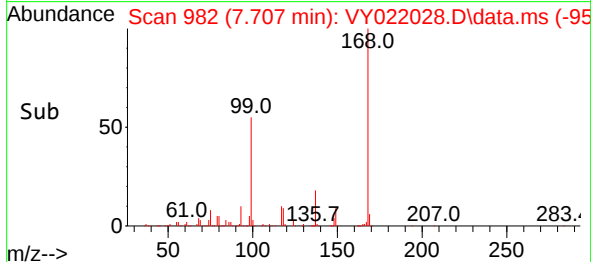
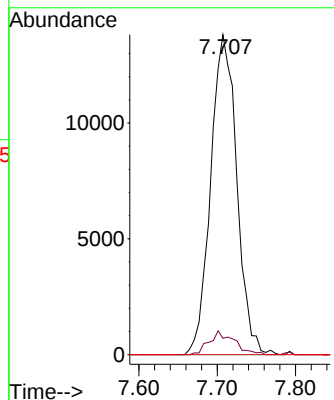
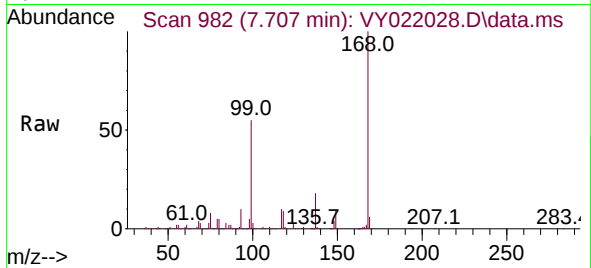




#38
Carbon Tetrachloride
Concen: 4.985 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

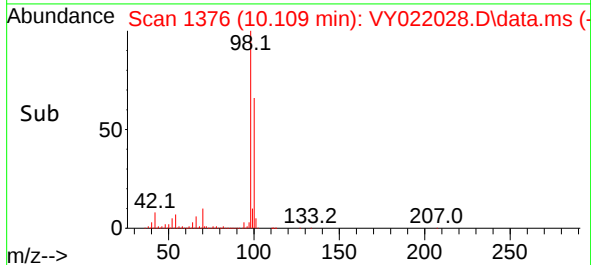
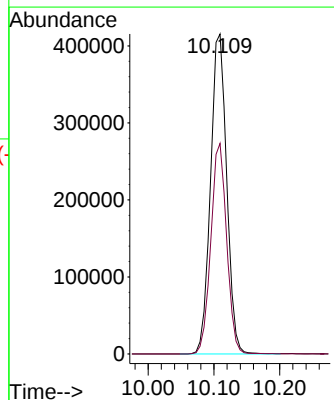
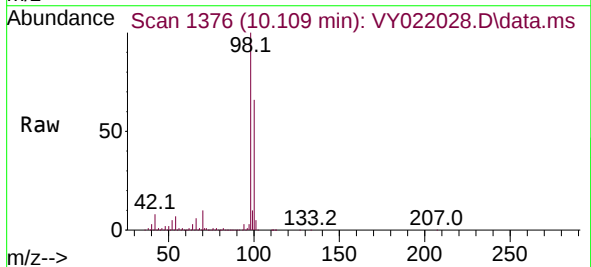
Instrument :
MSVOA_Y
ClientSampleId :
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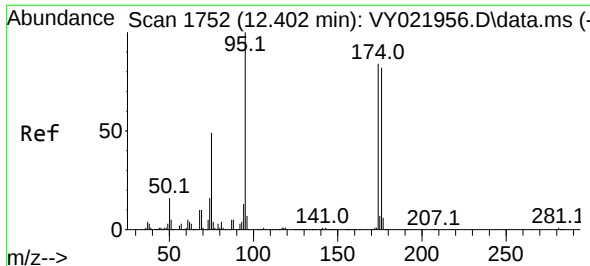
Tgt Ion:117 Resp: 31979
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.125 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion: 98 Resp: 709996
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

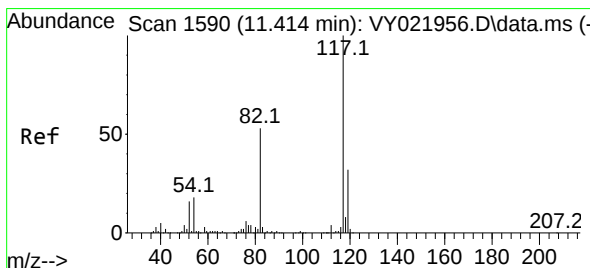
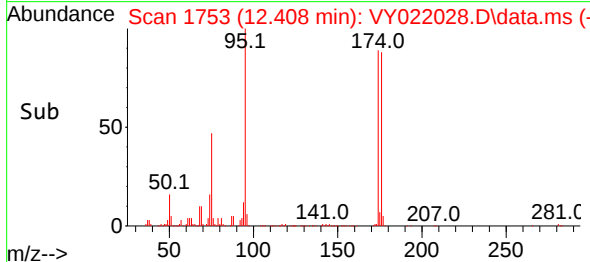
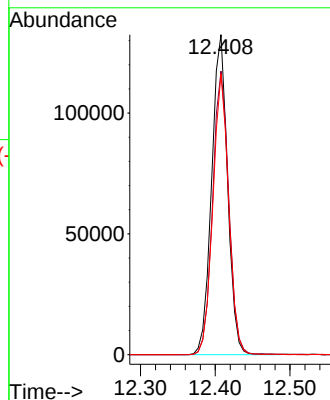
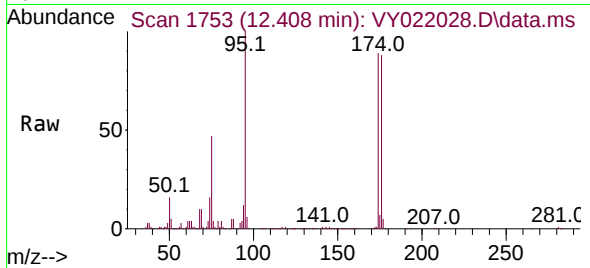




#62
4-Bromofluorobenzene
Concen: 38.812 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

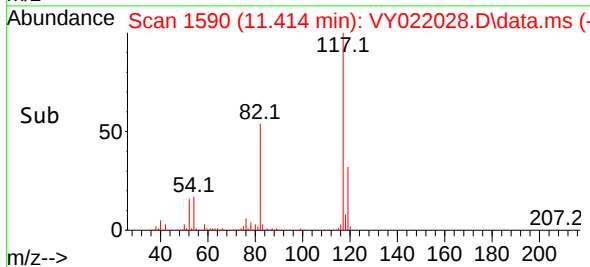
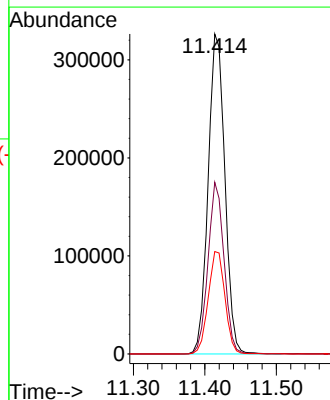
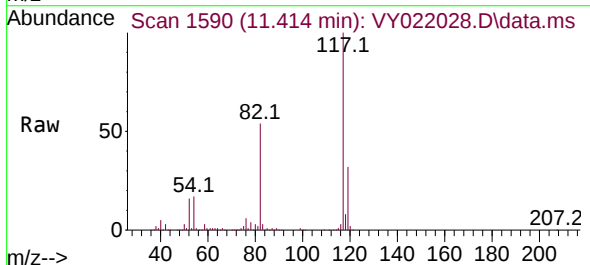
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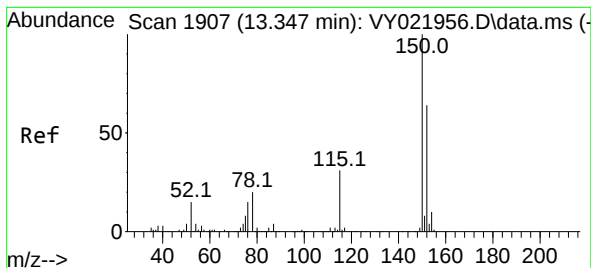
Tgt Ion: 95 Resp: 196851
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.0
176 86.8 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion: 117 Resp: 530446
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022028.D

Acq: 28 Apr 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

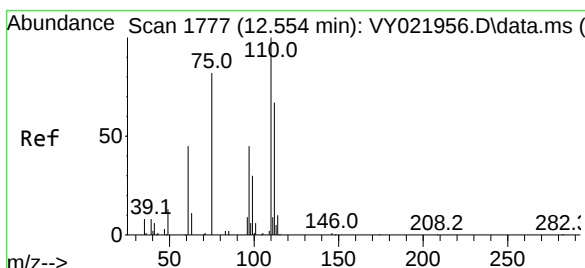
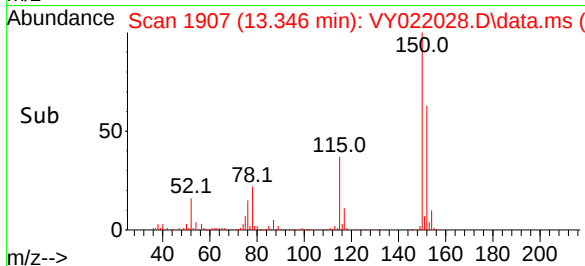
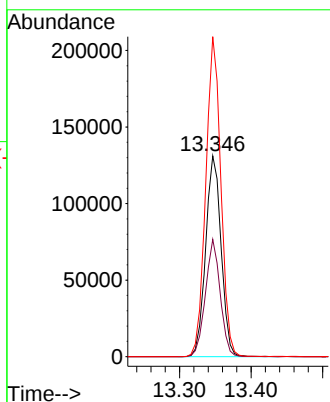
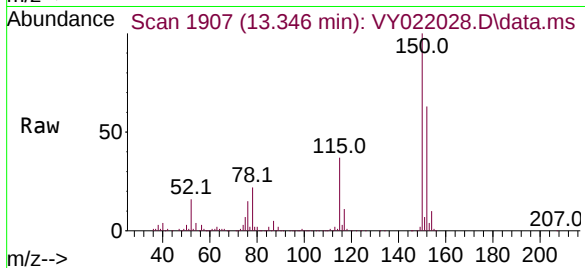
Tgt Ion:152 Resp: 196872

Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

150 155.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.696 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022028.D

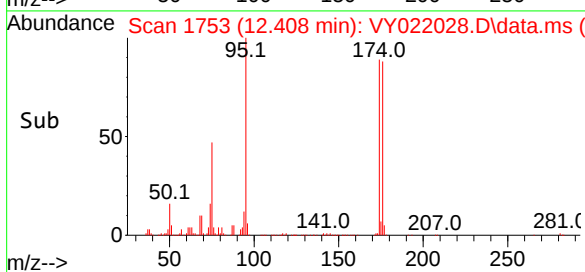
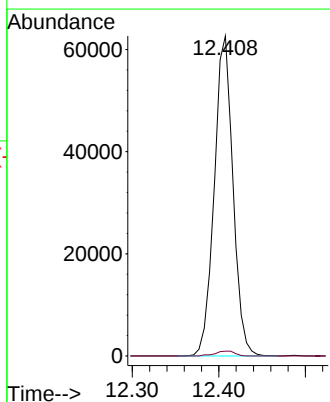
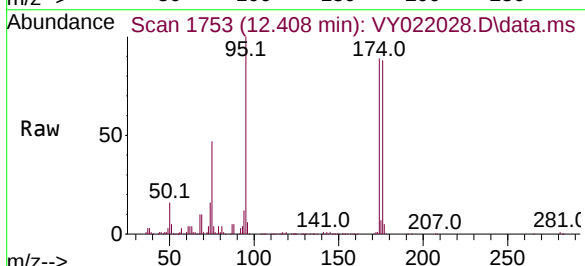
Acq: 28 Apr 2025 13:55

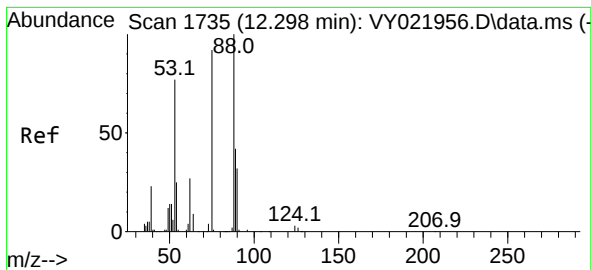
Tgt Ion: 75 Resp: 93921

Ion Ratio Lower Upper

75 100

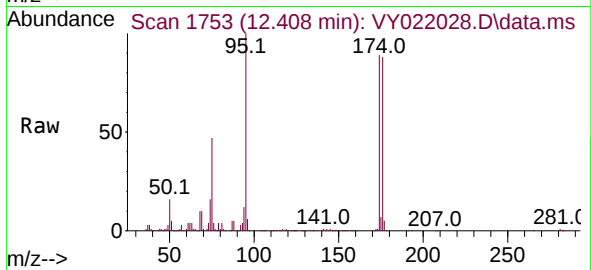
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.125 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY022028.D
 Acq: 28 Apr 2025 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.0	99.0#
89	0.0	37.2	55.8#

