

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021967.D
 Acq On : 23 Apr 2025 13:29
 Operator : SY/MD
 Sample : Q1851-06
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GP6

Quant Time: Apr 24 03:45:36 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

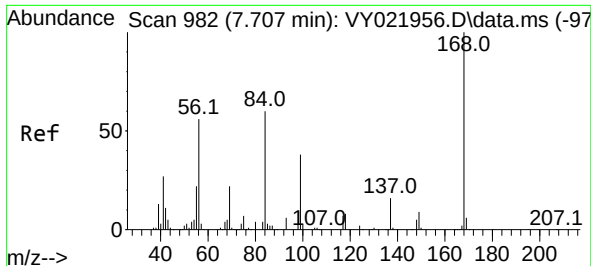
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	325896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	599246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	448094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137801	45.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.560%		
35) Dibromofluoromethane	7.634	113	192150	48.536	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.080%		
50) Toluene-d8	10.109	98	694117	46.506	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.020%		
62) 4-Bromofluorobenzene	12.408	95	140919	28.047	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	56.100%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.872	59	205	1.240	ug/l #	70
16) Acetone	3.860	43	671	Below Cal	#	41
31) Cyclohexane	7.707	56	6070	1.220	ug/l #	13
36) 1,1-Dichloropropene	7.701	75	23262	4.374	ug/l #	48
38) Carbon Tetrachloride	7.707	117	32037	5.042	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	67493	68.479	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	67493	164.907	ug/l #	16

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

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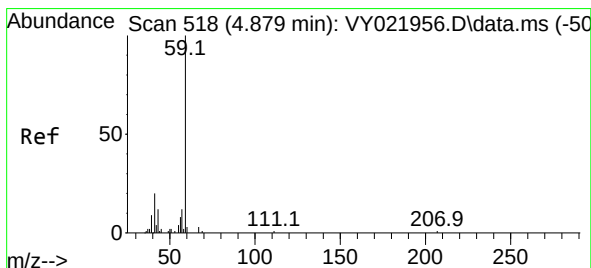
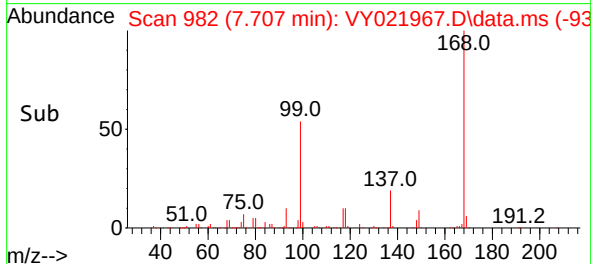
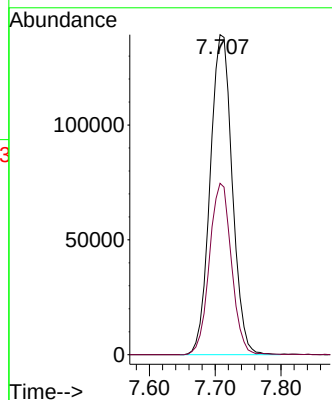
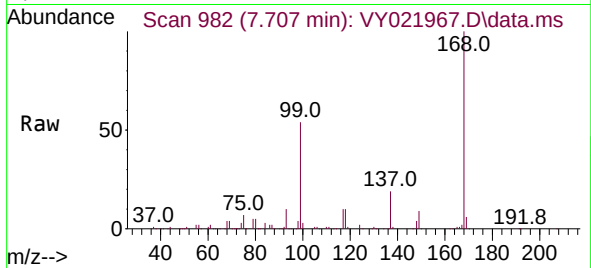




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

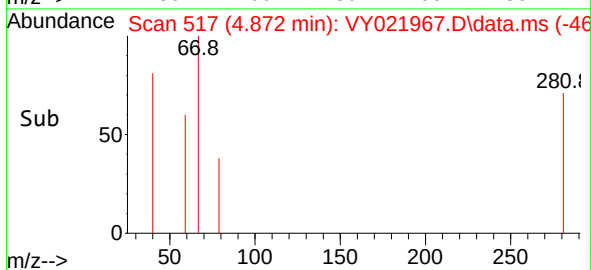
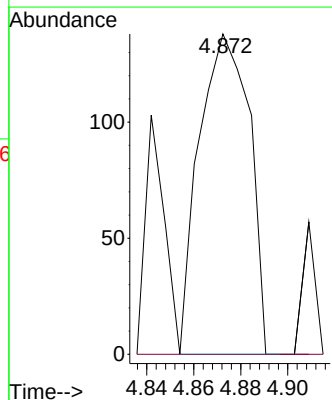
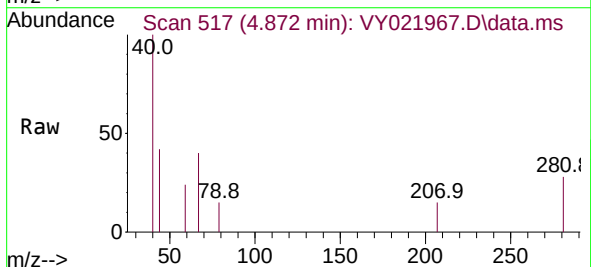
Instrument :
MSVOA_Y
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GP6

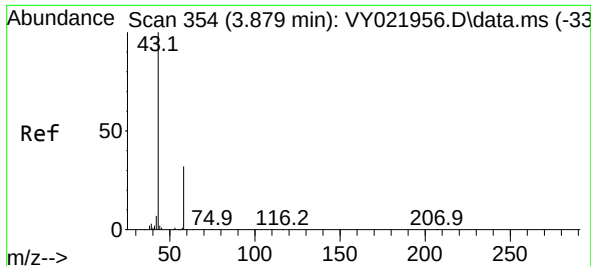
Tgt Ion:168 Resp: 325896
Ion Ratio Lower Upper
168 100
99 53.5 43.1 64.7



#11
Tert butyl alcohol
Concen: 1.240 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#





#16

Acetone

Concen: Below Cal

RT: 3.860 min Scan# 31

Delta R.T. -0.019 min

Lab File: VY021967.D

Acq: 23 Apr 2025 13:29

Instrument :

MSVOA_Y

ClientSampleId :

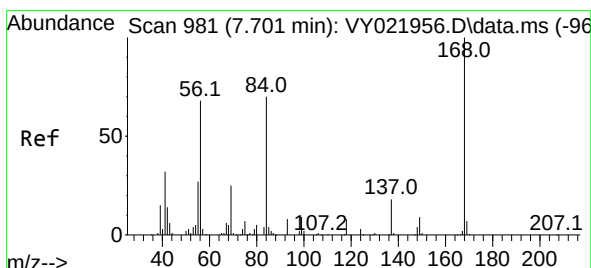
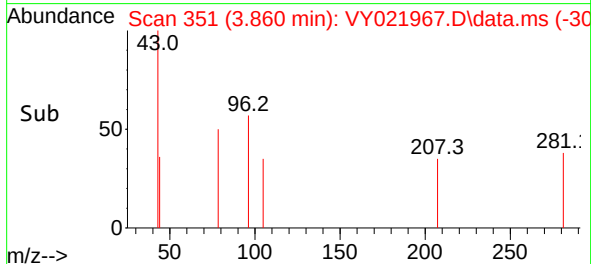
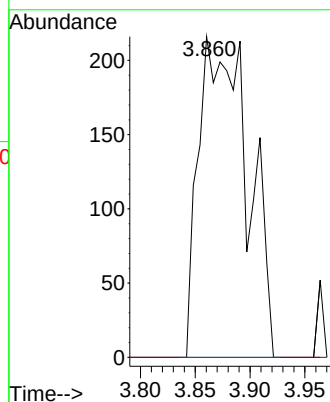
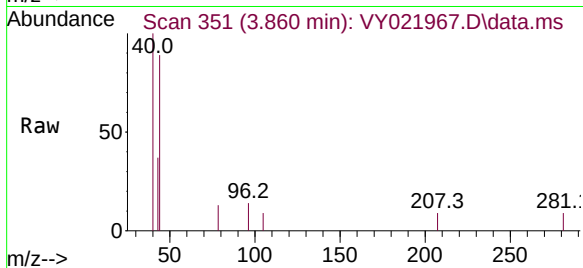
GP6

Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY021967.D

Acq: 23 Apr 2025 13:29

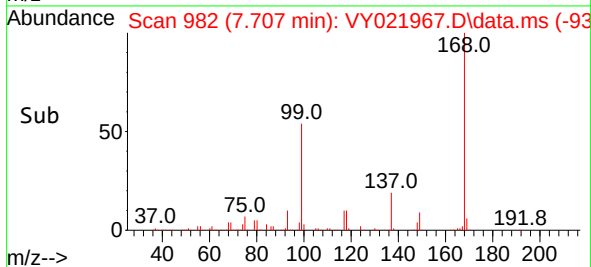
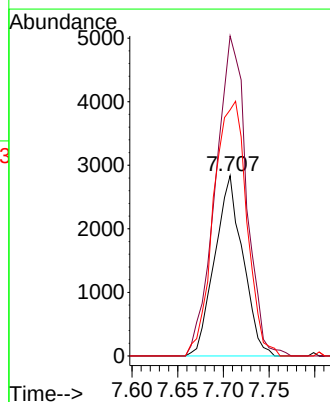
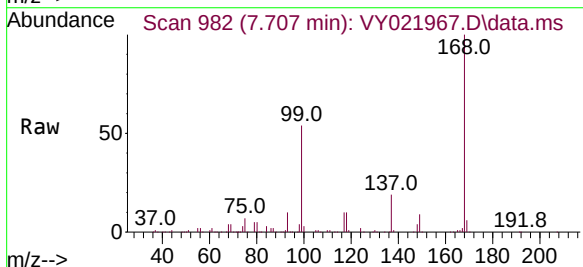
Tgt Ion: 56 Resp: 6070

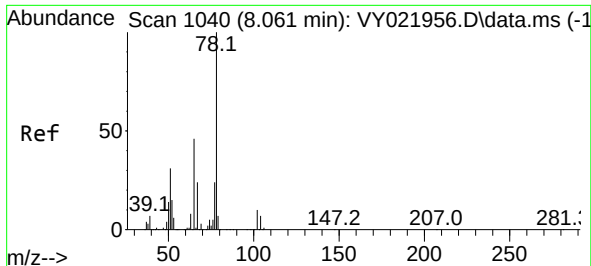
Ion Ratio Lower Upper

56 100

69 177.4 29.4 44.2#

84 136.5 82.2 123.4#





#33

1,2-Dichloroethane-d4

Concen: 45.777 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY021967.D

Acq: 23 Apr 2025 13:29

Instrument :

MSVOA_Y

ClientSampleId :

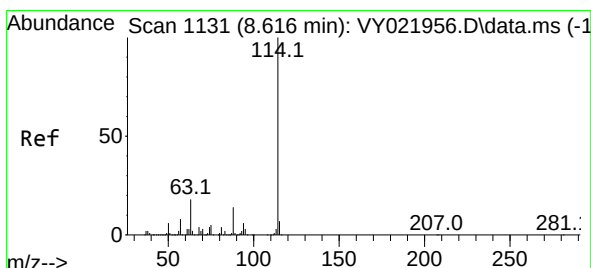
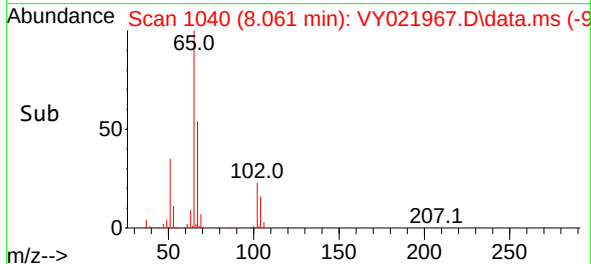
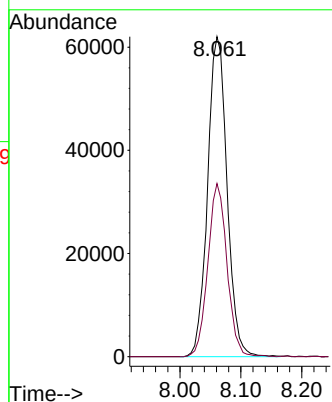
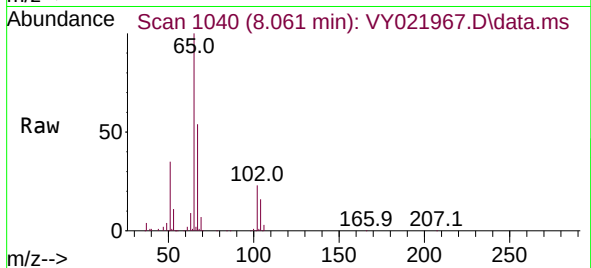
GP6

Tgt Ion: 65 Resp: 137801

Ion Ratio Lower Upper

65 100

67 53.1 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: VY021967.D

Acq: 23 Apr 2025 13:29

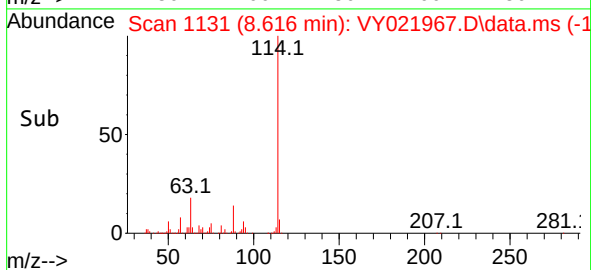
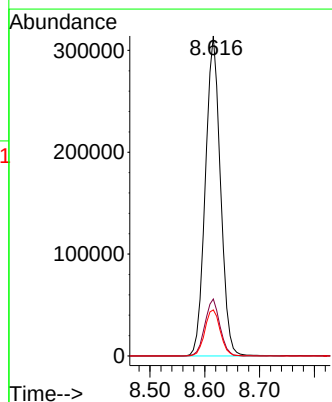
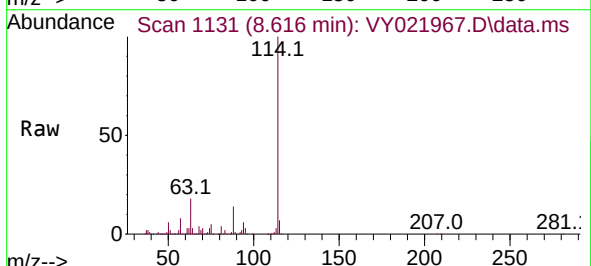
Tgt Ion: 114 Resp: 599246

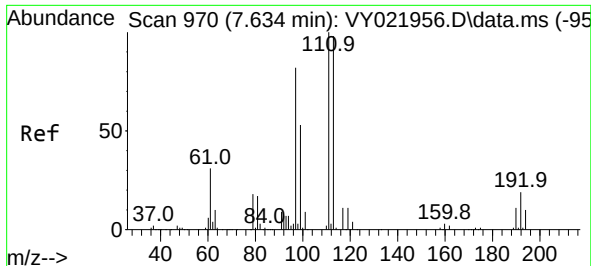
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

88 14.4 0.0 28.2

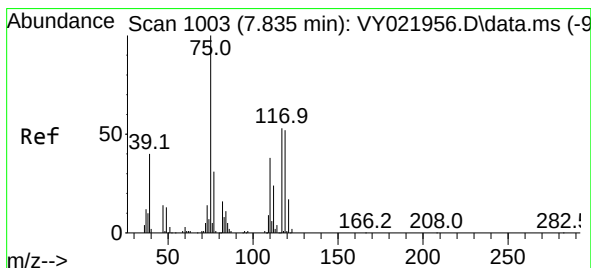
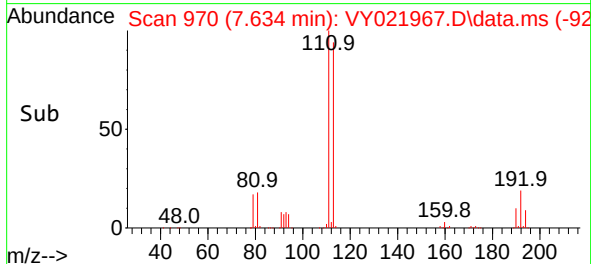
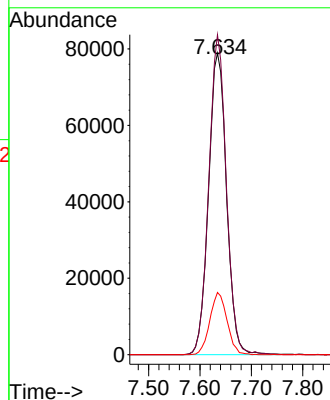
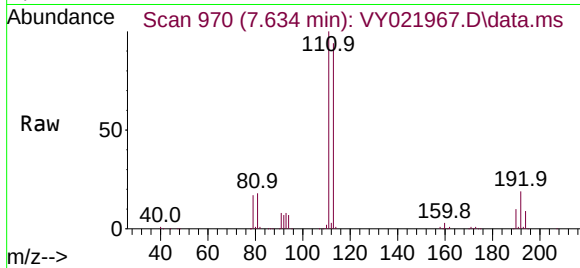




#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

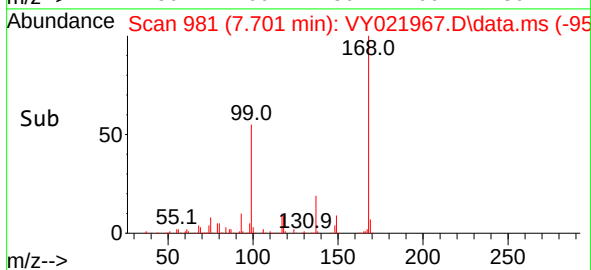
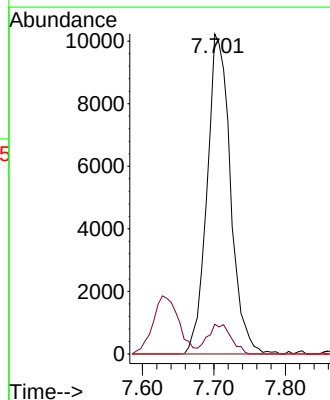
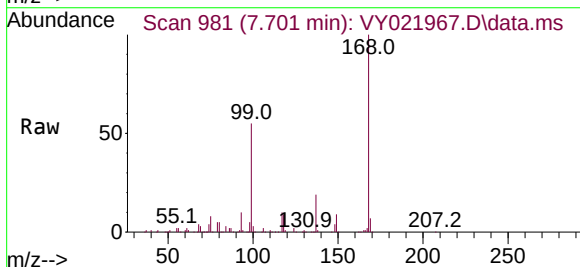
Instrument :
MSVOA_Y
ClientSampleId :
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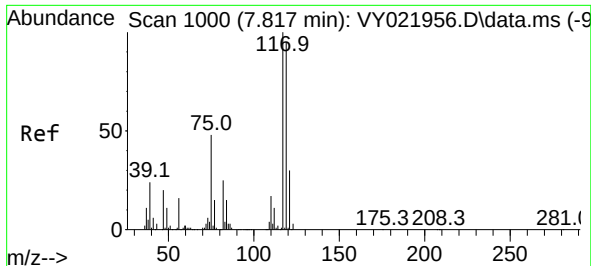
Tgt Ion:113 Resp: 192150
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 19.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion: 75 Resp: 23262
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.5 38.3#

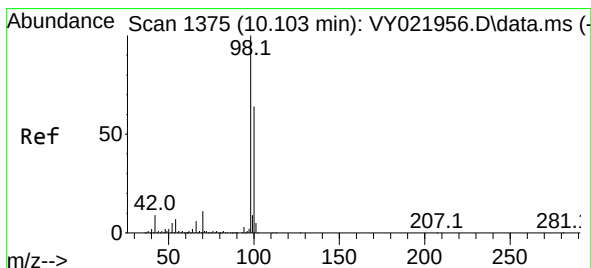
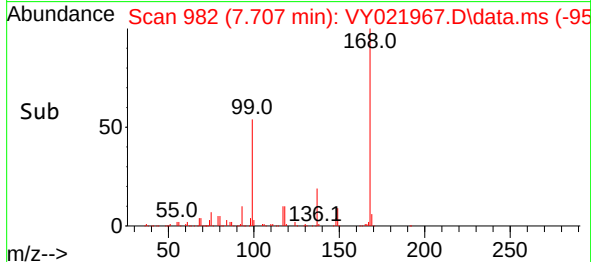
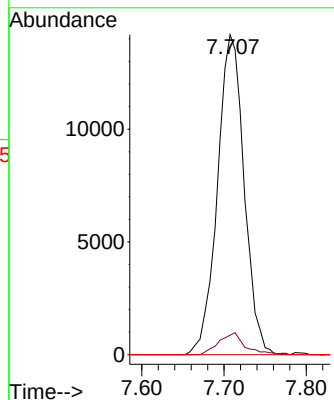
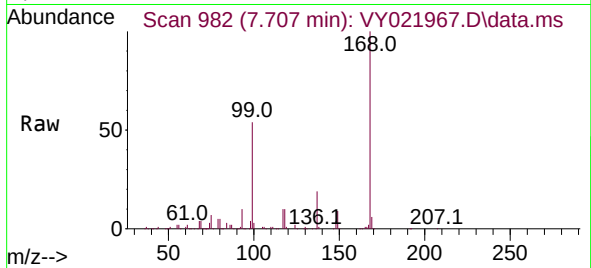




#38
Carbon Tetrachloride
Concen: 5.042 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

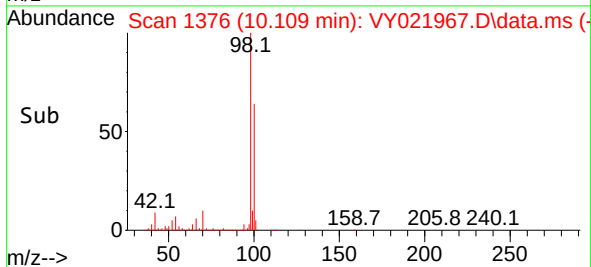
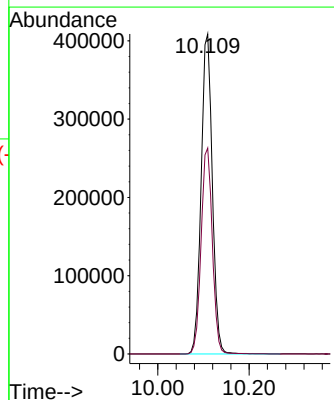
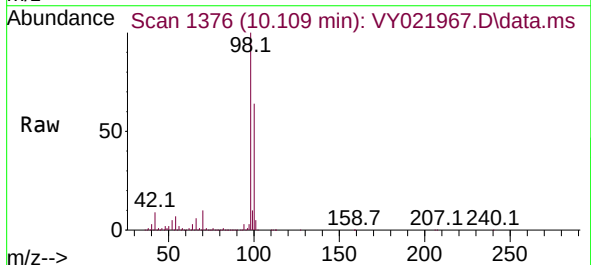
Instrument :
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ClientSampleId :
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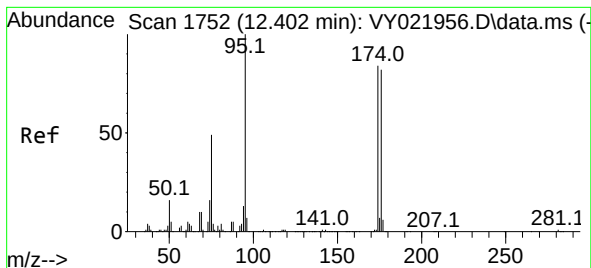
Tgt Ion:117 Resp: 32037
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.506 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion: 98 Resp: 694117
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

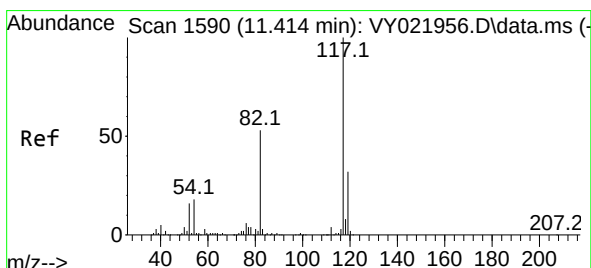
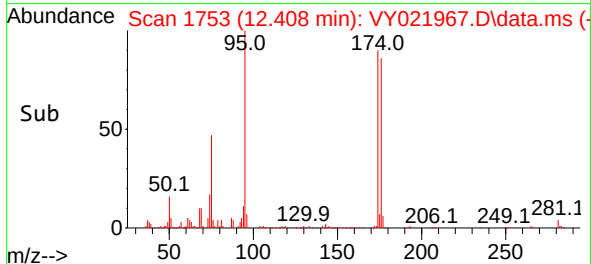
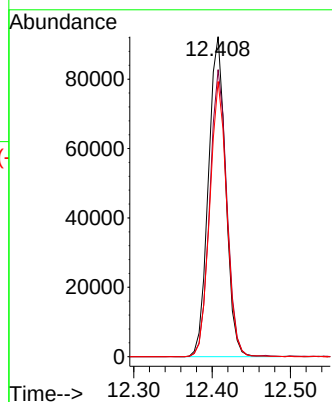
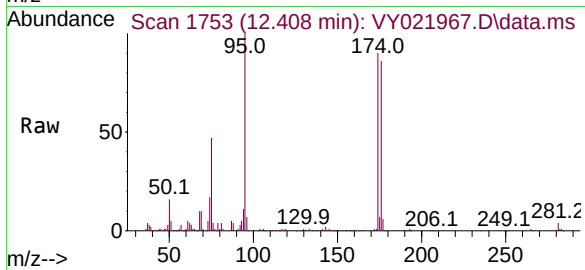




#62
4-Bromofluorobenzene
Concen: 28.047 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

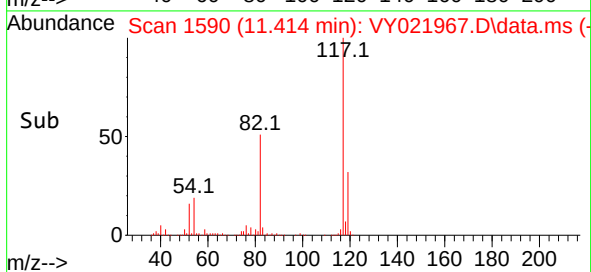
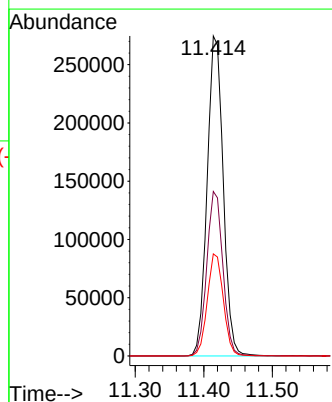
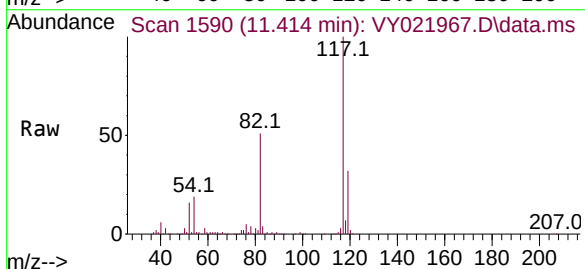
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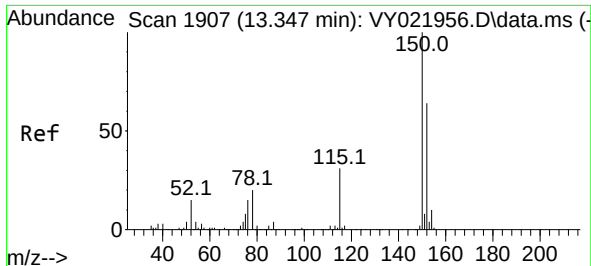
Tgt Ion: 95 Resp: 140919
Ion Ratio Lower Upper
95 100
174 89.1 0.0 179.0
176 85.0 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion: 117 Resp: 448094
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 31.9 25.7 38.5

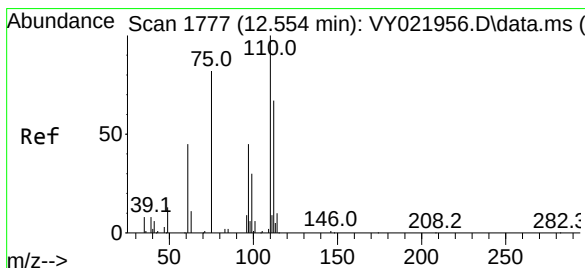
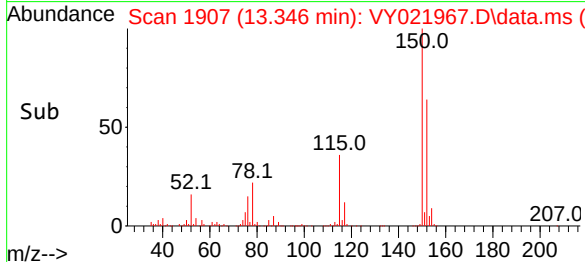
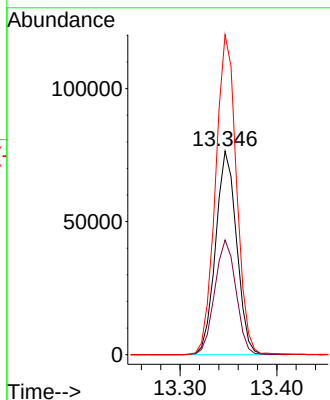
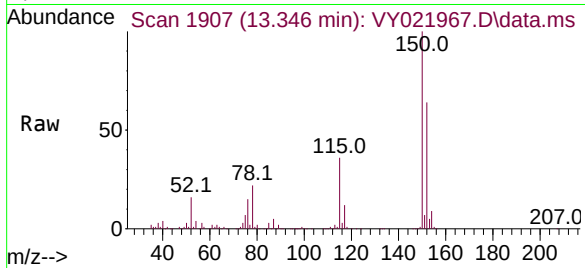




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021967.D
 Acq: 23 Apr 2025 13:29

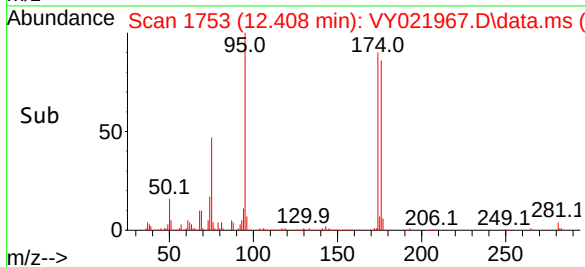
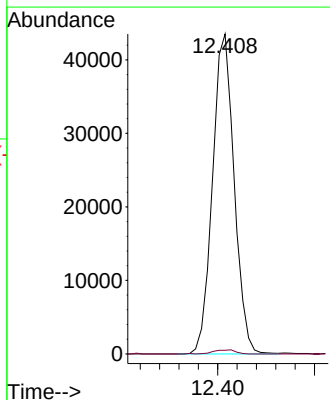
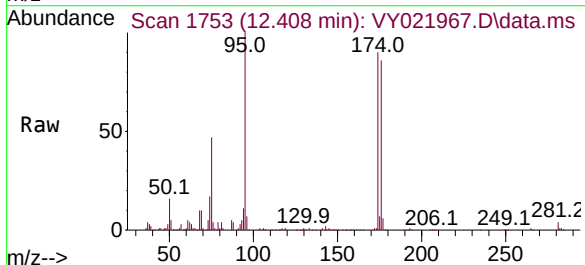
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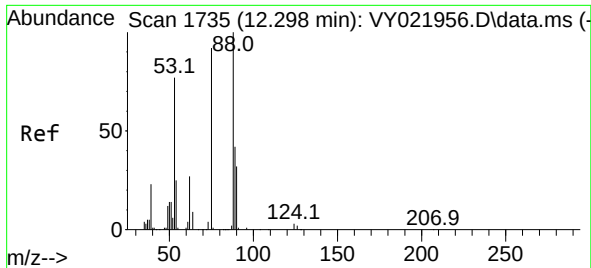
Tgt Ion:152 Resp: 115067
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.0 84.0
 150 157.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 68.479 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021967.D
 Acq: 23 Apr 2025 13:29

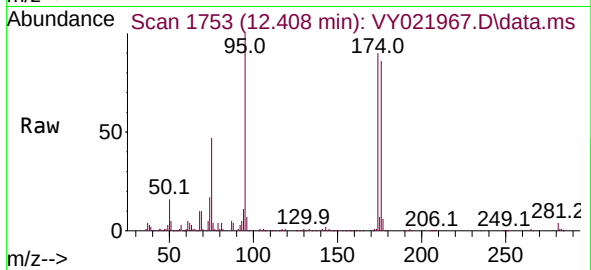
Tgt Ion: 75 Resp: 67493
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 164.907 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY021967.D
 Acq: 23 Apr 2025 13:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 GP6



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.0	99.0#
89	0.1	37.2	55.8#

