

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014005.D
 Acq On : 05 Jun 2023 14:22
 Operator : KP/MD
 Sample : 02998-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-2-053123

Quant Time: Jun 05 15:34:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

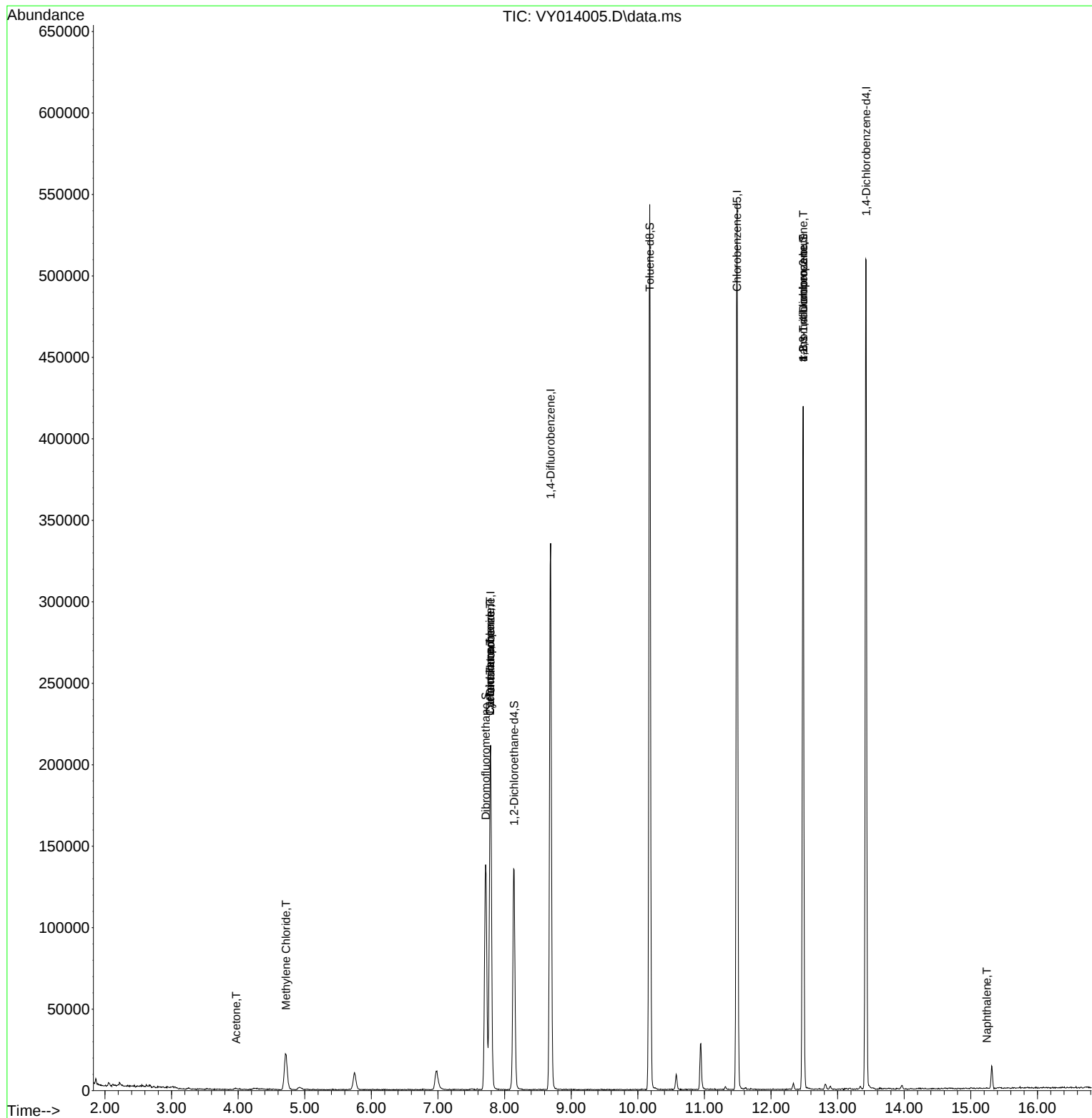
Internal Standards						
1) Pentafluorobenzene	7.789	168	163961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110377	50.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.700%	
35) Dibromofluoromethane	7.716	113	96720	54.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.660%	
50) Toluene-d8	10.179	98	348886	51.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.483	95	116158	50.180	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.360%	
Target Compounds						Qvalue
16) Acetone	3.972	43	1365	1.838	ug/l	97
20) Methylene Chloride	4.716	84	16275	4.465	ug/l	88
31) Cyclohexane	7.783	56	3906	1.495	ug/l #	19
36) 1,1-Dichloropropene	7.783	75	11979	4.723	ug/l #	50
38) Carbon Tetrachloride	7.783	117	16467	5.794	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	64283	36.214	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64283	76.829	ug/l #	11
95) Naphthalene	15.239	128	562	3.965	ug/l #	77

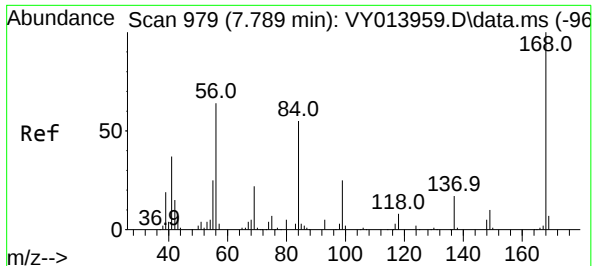
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

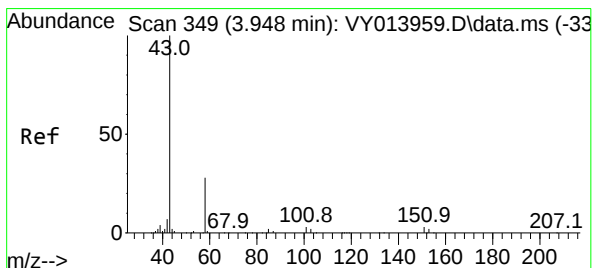
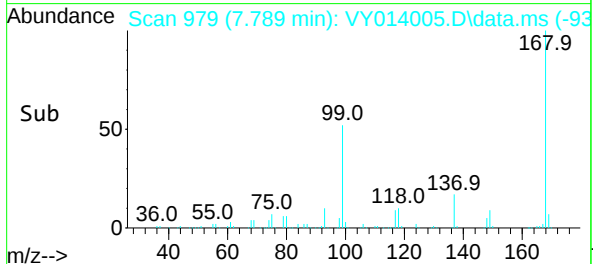
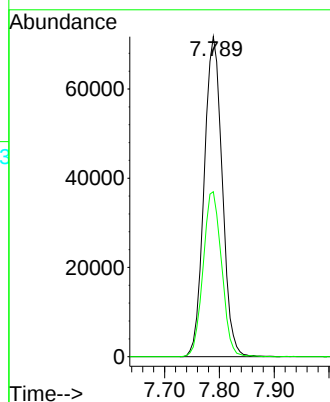
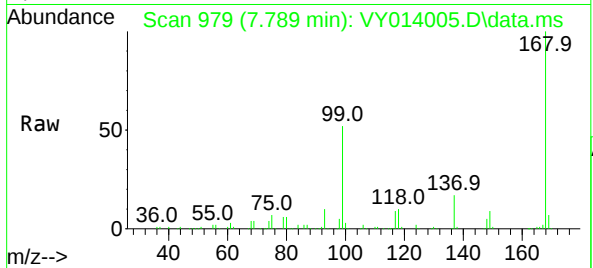




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

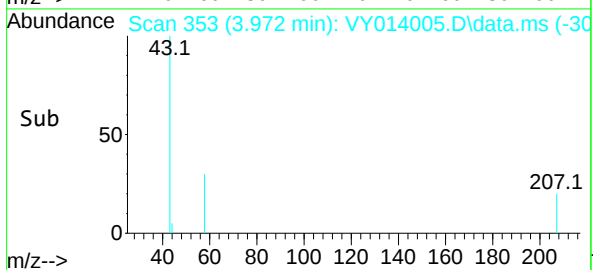
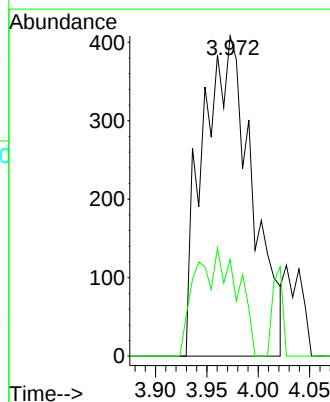
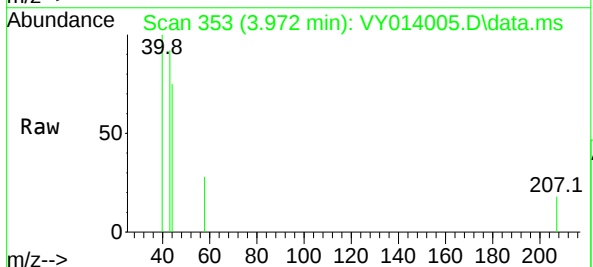
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

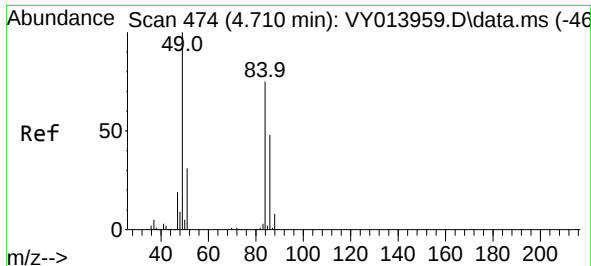
Tgt Ion:168 Resp: 163961
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#16
Acetone
Concen: 1.838 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

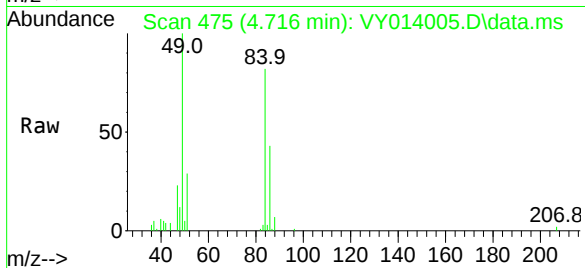
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1



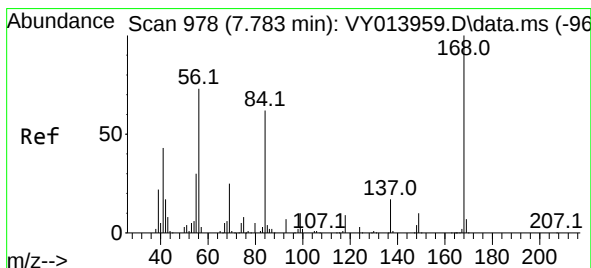
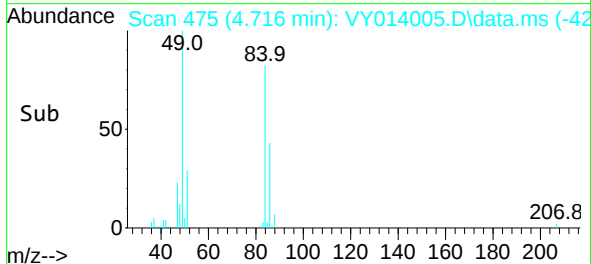
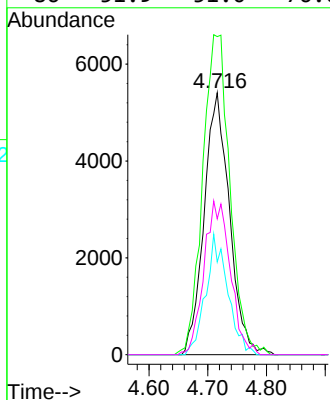


#20
Methylene Chloride
Concen: 4.465 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

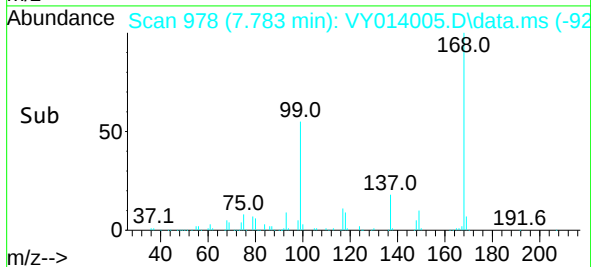
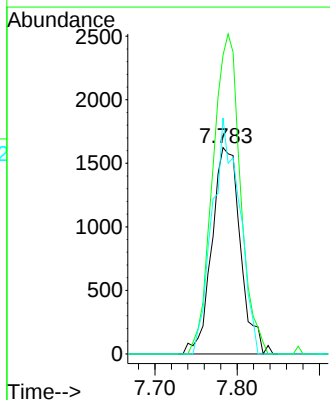
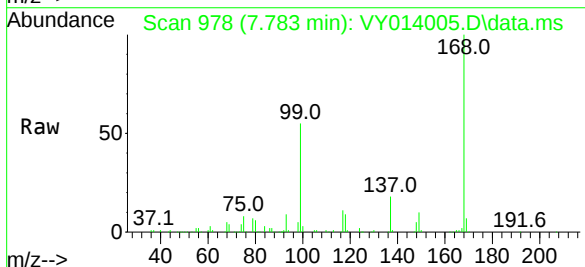


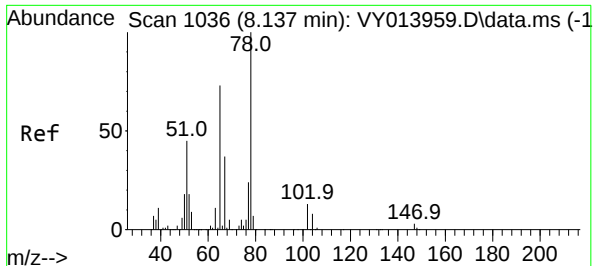
Tgt Ion:	84	Resp:	16275
Ion	Ratio	Lower	Upper
84	100		
49	121.5	106.9	160.3
51	35.4	33.2	49.8
86	51.9	51.0	76.6



#31
Cyclohexane
Concen: 1.495 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

Tgt Ion:	56	Resp:	3906
Ion	Ratio	Lower	Upper
56	100		
69	144.8	27.8	41.6#
84	114.3	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 50.854 ug/l

RT: 8.142 min Scan# 110377

Delta R.T. 0.006 min

Lab File: VY014005.D

Acq: 05 Jun 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

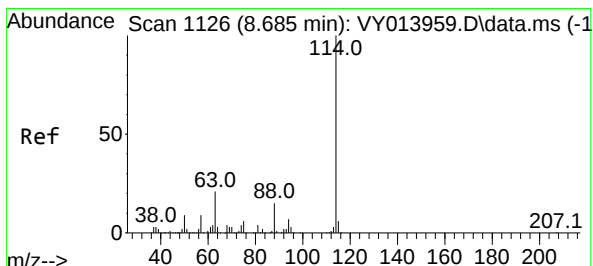
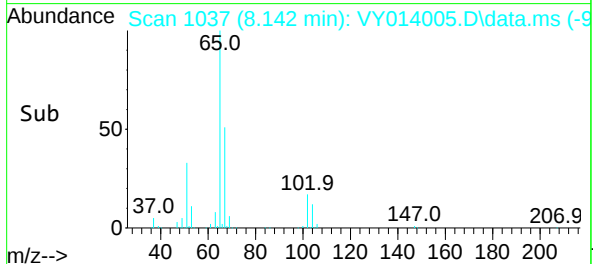
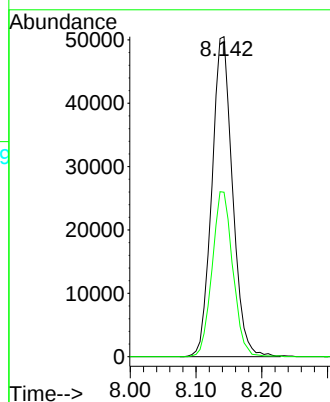
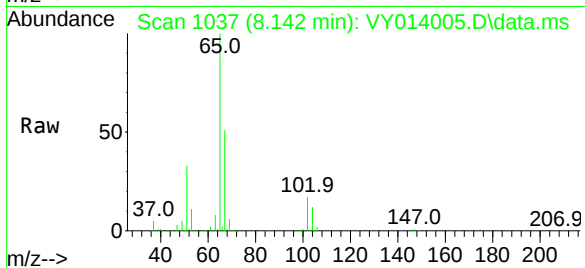
PAT-2-053123

Tgt Ion: 65 Resp: 110377

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014005.D

Acq: 05 Jun 2023 14:22

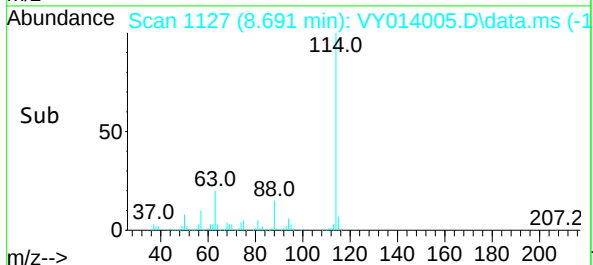
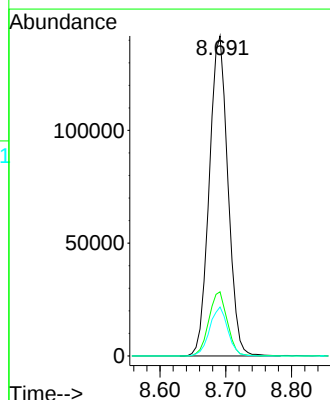
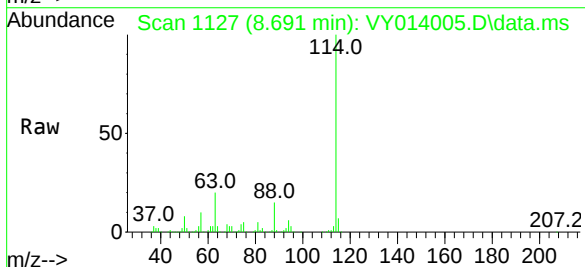
Tgt Ion: 114 Resp: 280103

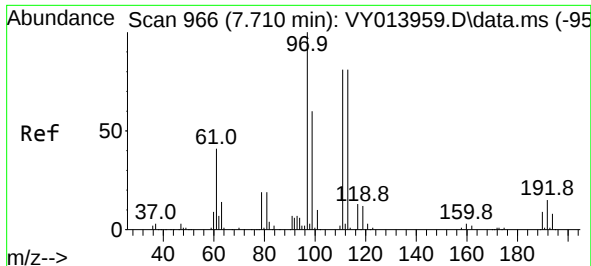
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.3 0.0 30.6

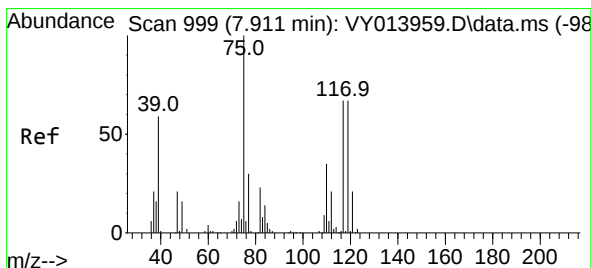
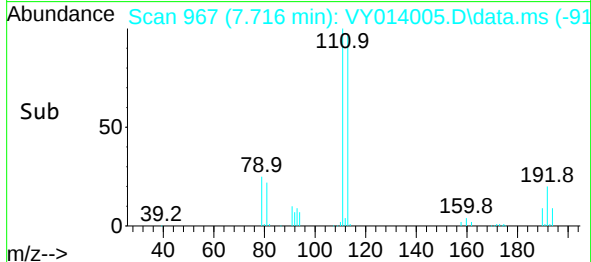
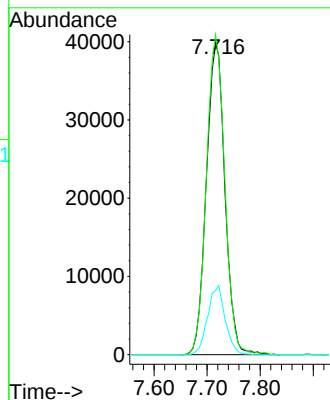
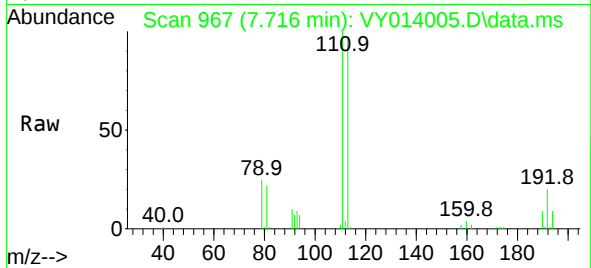




#35
Dibromofluoromethane
Concen: 54.334 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

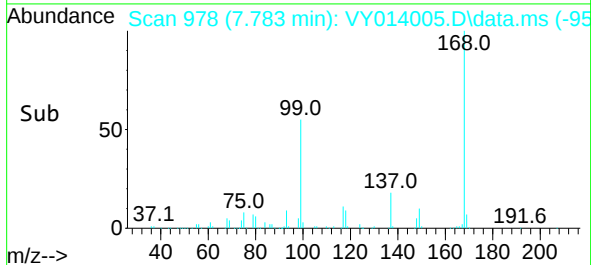
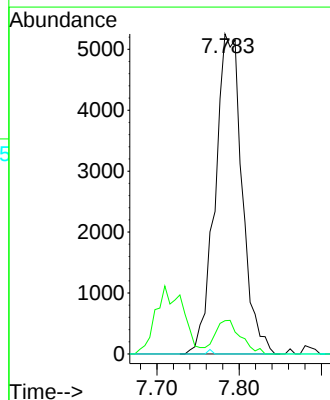
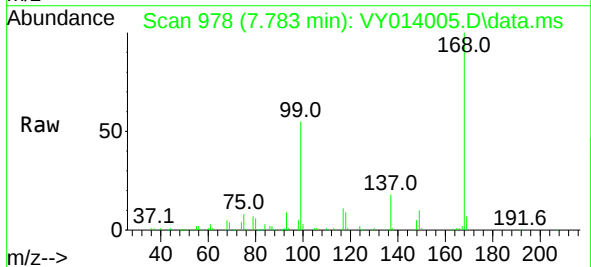
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

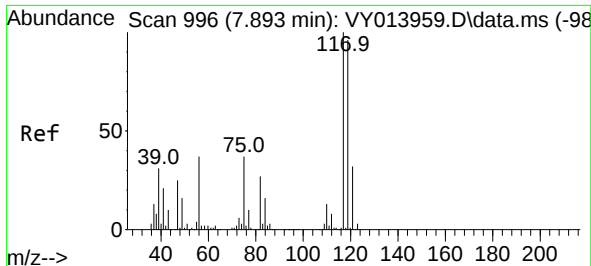
Tgt Ion:113 Resp: 96720
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

Tgt Ion: 75 Resp: 11979
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#

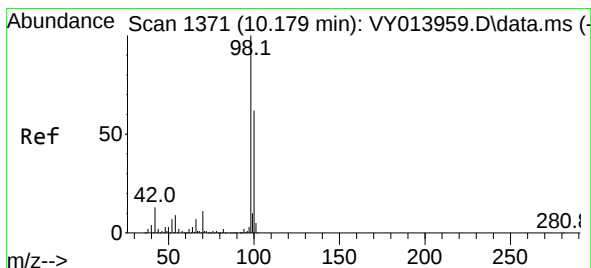
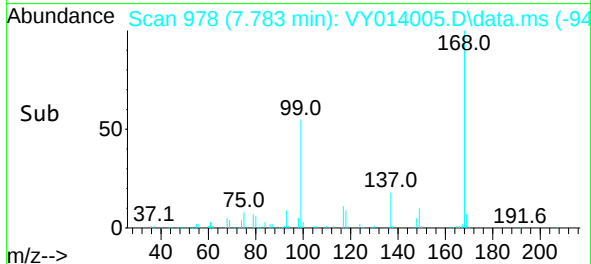
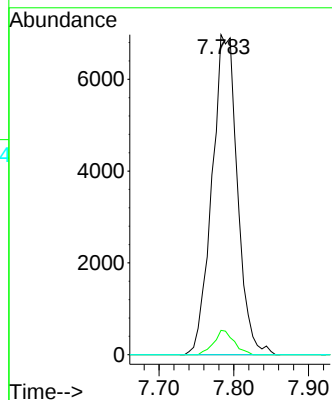
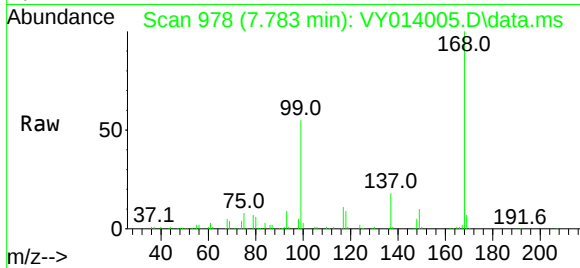




#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

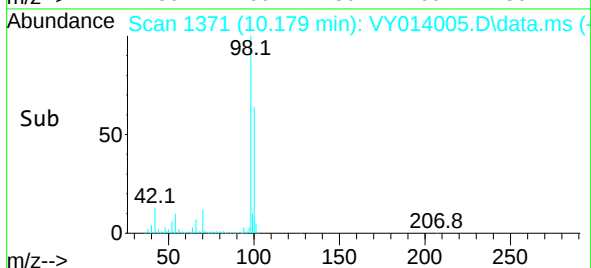
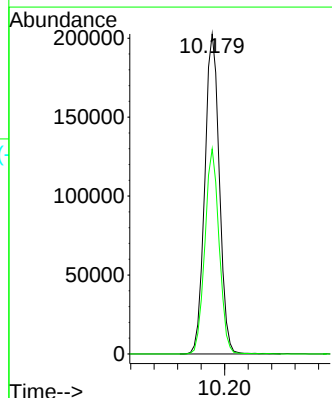
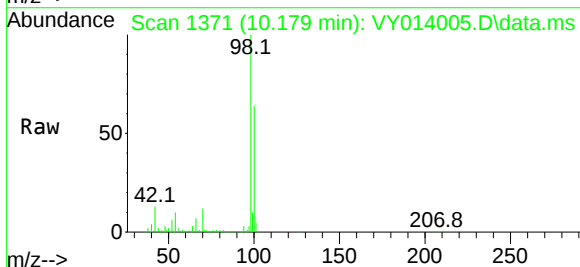
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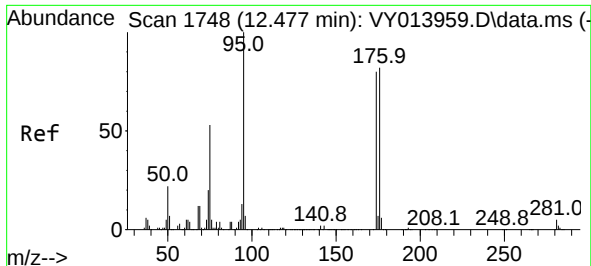
Tgt Ion:117 Resp: 16467
Ion Ratio Lower Upper
117 100
119 7.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.382 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

Tgt Ion: 98 Resp: 348886
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1

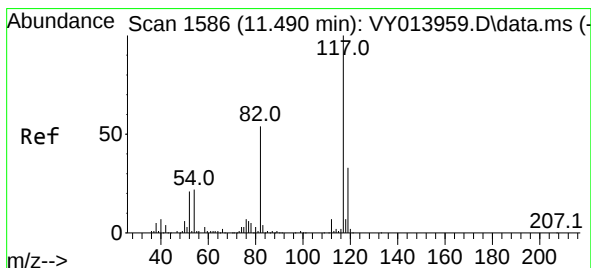
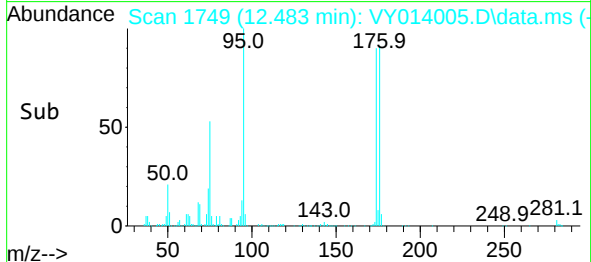
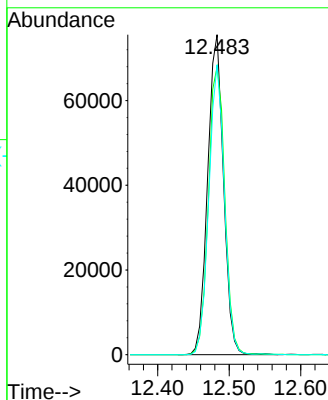
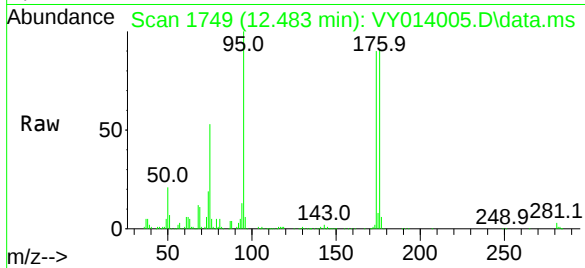




#62
4-Bromofluorobenzene
Concen: 50.180 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

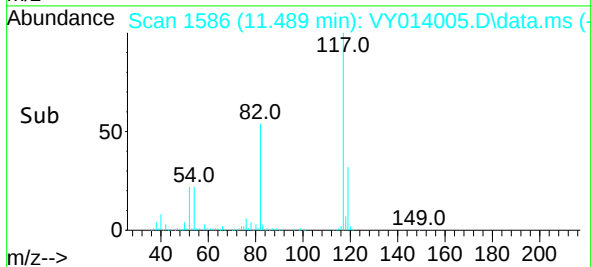
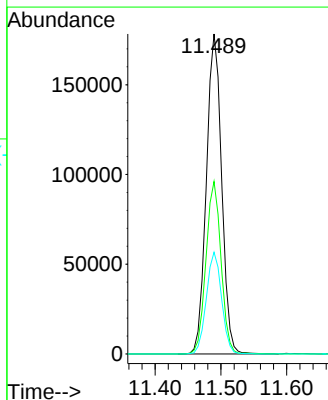
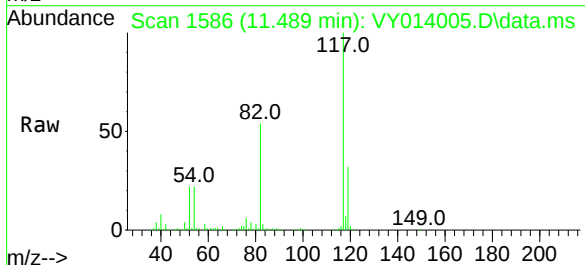
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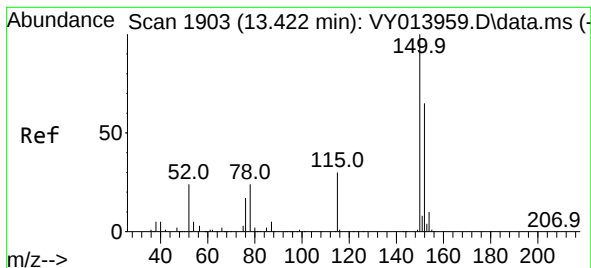
Tgt Ion: 95 Resp: 116158
Ion Ratio Lower Upper
95 100
174 93.3 0.0 178.2
176 89.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

Tgt Ion: 117 Resp: 288345
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014005.D

Acq: 05 Jun 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-053123

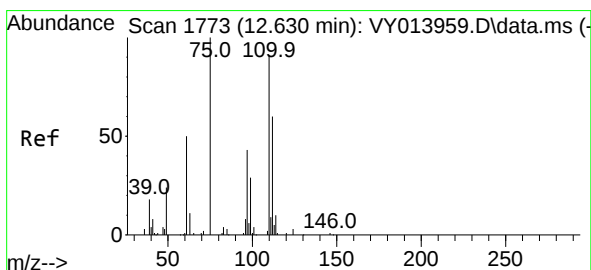
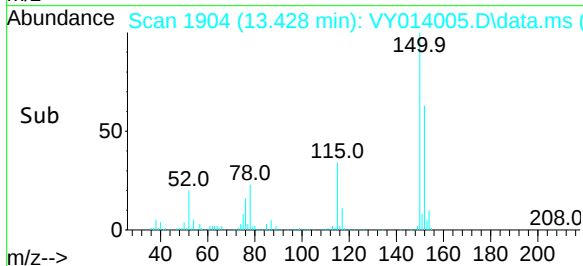
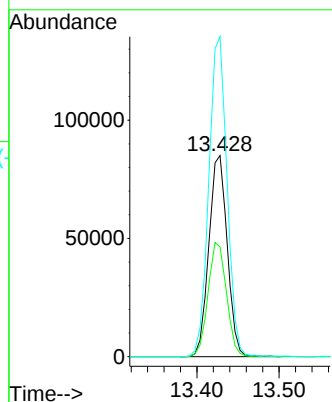
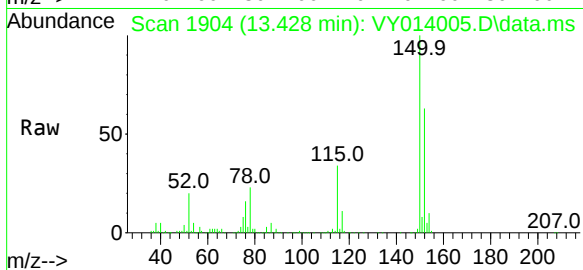
Tgt Ion:152 Resp: 131908

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 157.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.214 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY014005.D

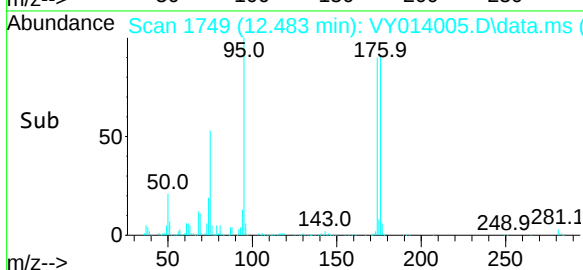
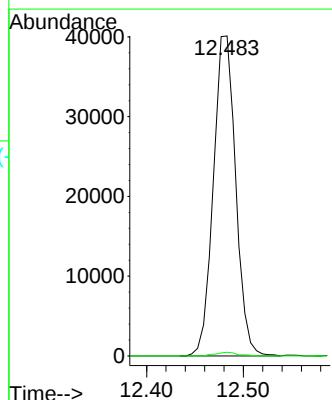
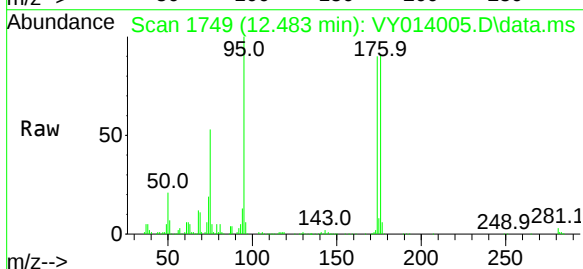
Acq: 05 Jun 2023 14:22

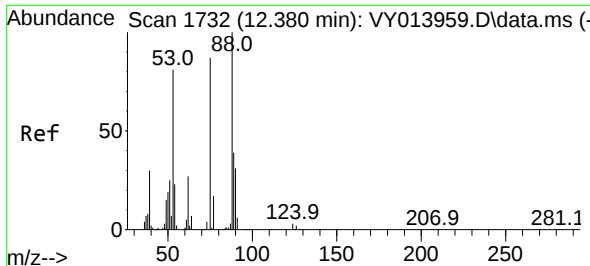
Tgt Ion: 75 Resp: 64283

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

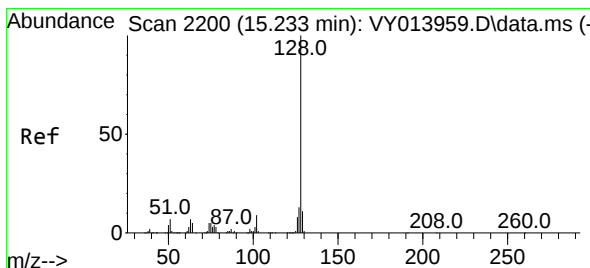
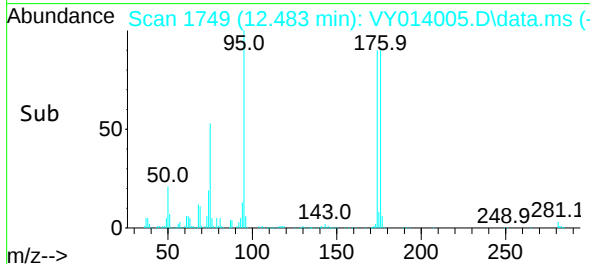
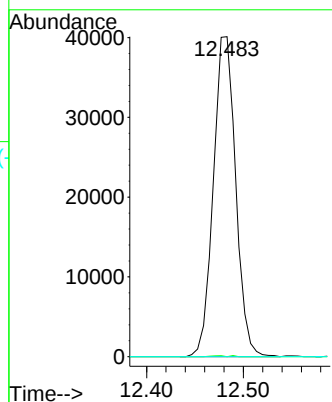
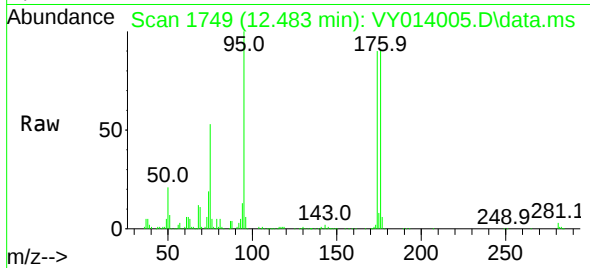




#81
trans-1,4-Dichloro-2-butene
Concen: 76.829 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

Tgt Ion: 75 Resp: 64283
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 3.965 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY014005.D
Acq: 05 Jun 2023 14:22

Tgt Ion: 128 Resp: 562
Ion Ratio Lower Upper
128 100
127 5.9 10.8 16.2#
129 0.0 8.6 13.0#

