

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013448.D
 Acq On : 25 Apr 2023 15:53
 Operator : KP/MD
 Sample : 02416-02
 Misc : 6.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-GRAB

Quant Time: Apr 26 02:51:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

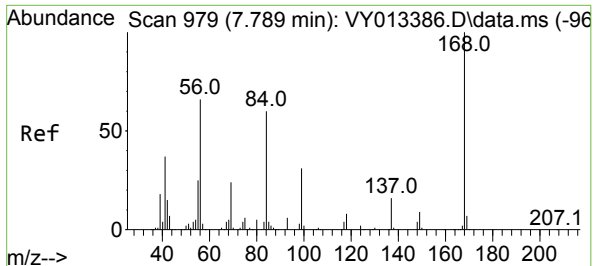
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	166501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121411	66.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.040%	
35) Dibromofluoromethane	7.716	113	101539	56.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.180%	
50) Toluene-d8	10.179	98	348492	54.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.200%	
62) 4-Bromofluorobenzene	12.477	95	109476	50.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.760%	
Target Compounds						
					Qvalue	
13) Acrolein	3.753	56	62	Below Cal	#	16
20) Methylene Chloride	4.704	84	5399	Below Cal		94
31) Cyclohexane	7.789	56	3711	1.136	ug/l #	39
36) 1,1-Dichloropropene	7.789	75	13384	4.495	ug/l #	47
38) Carbon Tetrachloride	7.783	117	16456	5.273	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	59441	37.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59441	76.269	ug/l #	13

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

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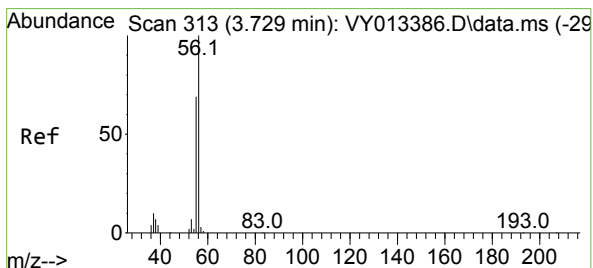
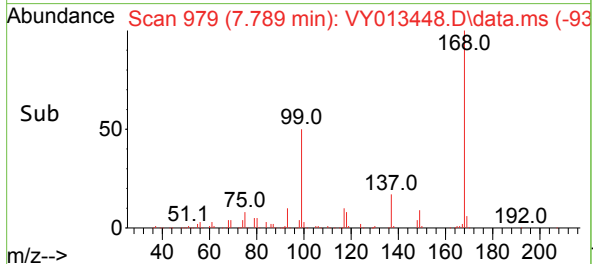
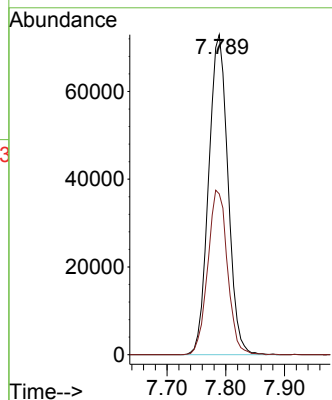
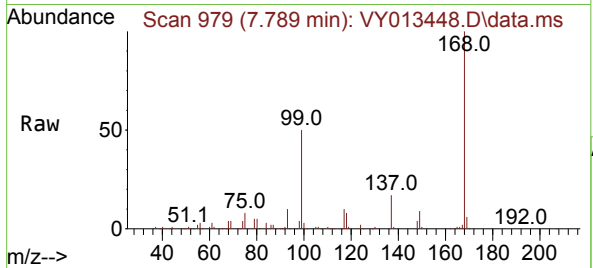




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

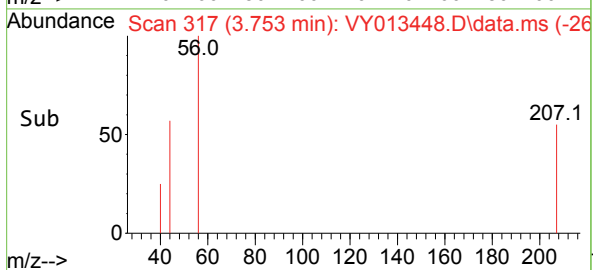
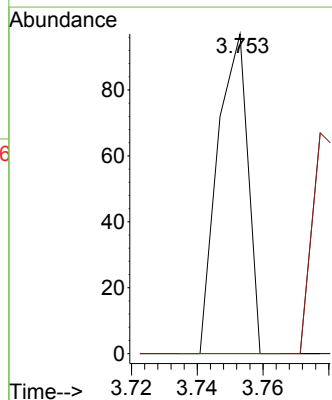
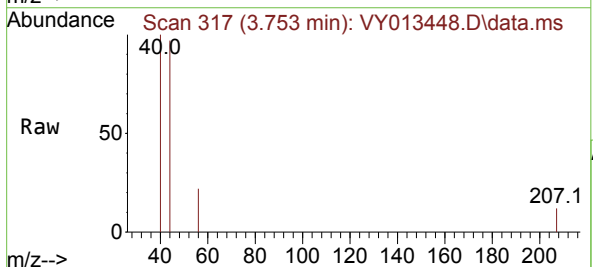
Instrument :
MSVOA_Y
ClientSampleId :
1-GRAB

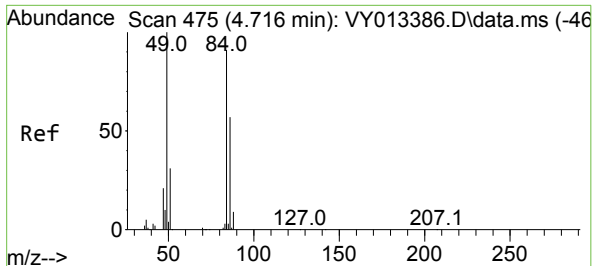
Tgt Ion:168 Resp: 166501
Ion Ratio Lower Upper
168 100
99 50.2 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 317
Delta R.T. 0.024 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

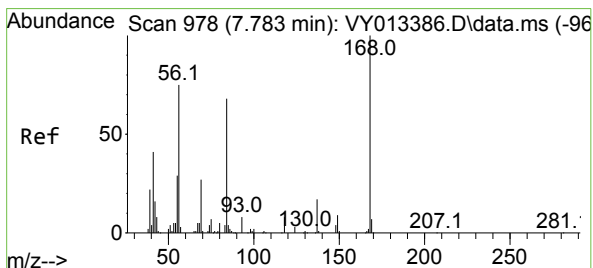
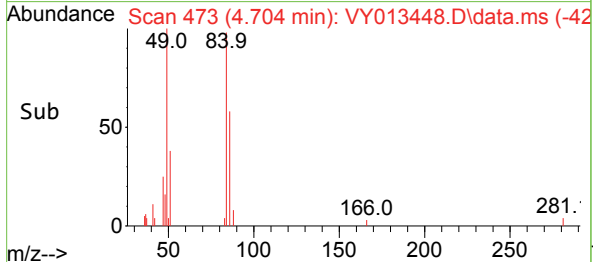
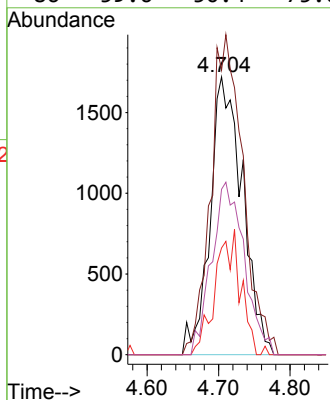
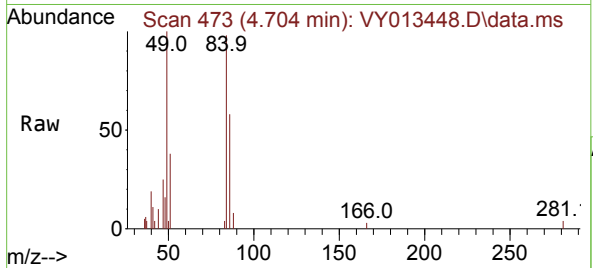




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

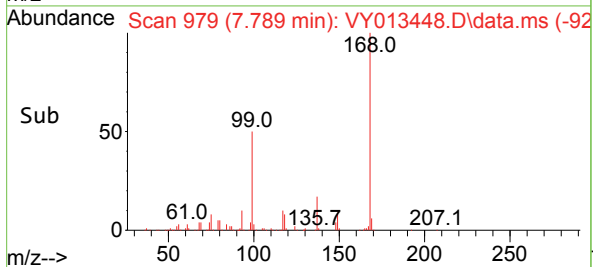
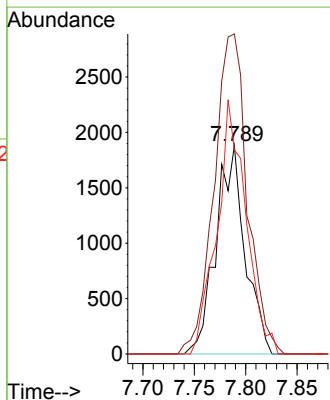
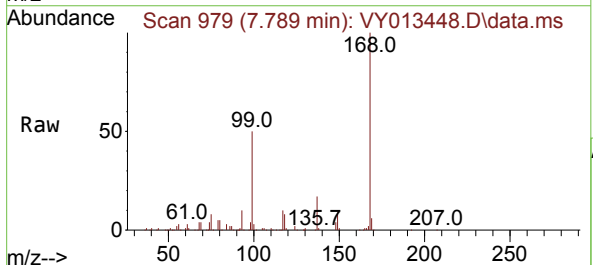
Instrument :
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ClientSampleId :
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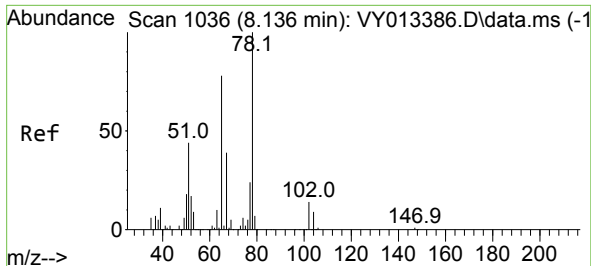
Tgt Ion:	84	Resp:	5399
Ion	Ratio	Lower	Upper
84	100		
49	102.4	88.0	132.0
51	38.4	27.4	41.0
86	59.6	50.4	75.6



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

Tgt Ion:	56	Resp:	3711
Ion	Ratio	Lower	Upper
56	100		
69	153.5	29.2	43.8#
84	97.9	73.0	109.6

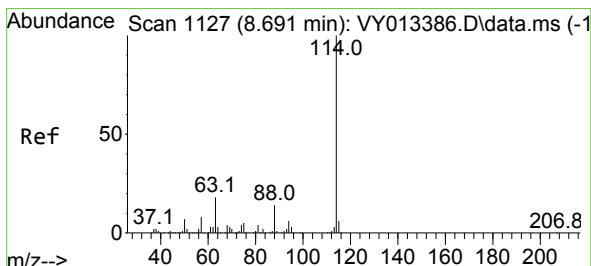
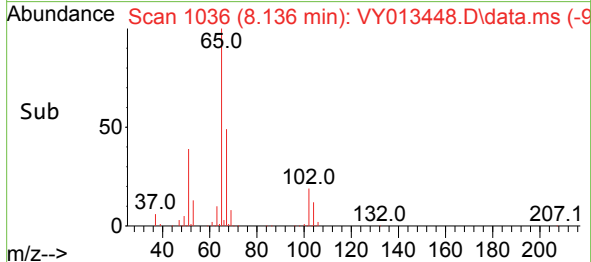
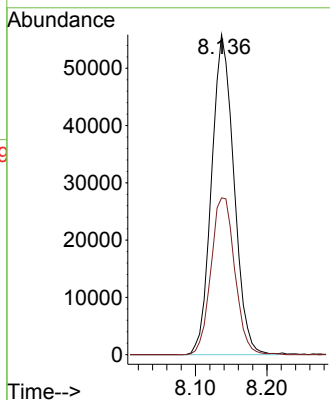
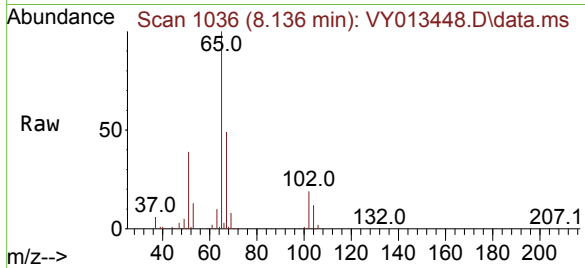




#33
 1,2-Dichloroethane-d4
 Concen: 66.519 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013448.D
 Acq: 25 Apr 2023 15:53

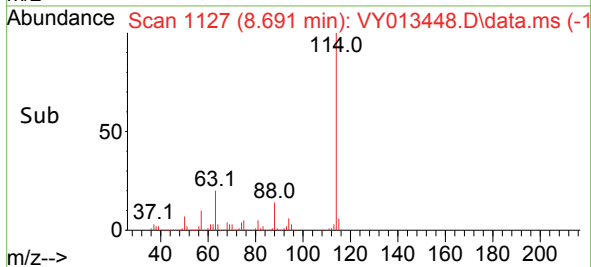
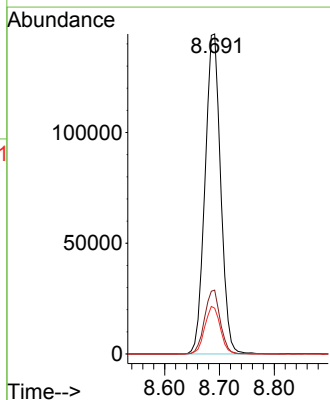
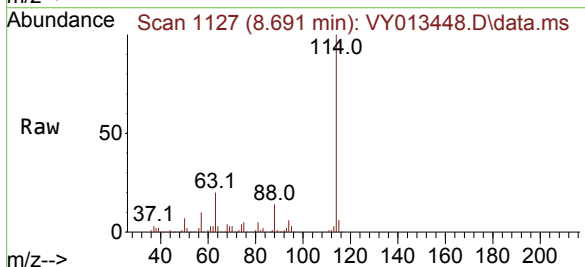
Instrument :
 MSVOA_Y
 ClientSampleId :
 1-GRAB

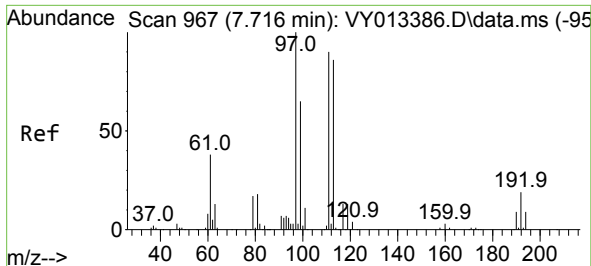
Tgt Ion: 65 Resp: 121411
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013448.D
 Acq: 25 Apr 2023 15:53

Tgt Ion: 114 Resp: 285258
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.6
 88 14.3 0.0 28.8

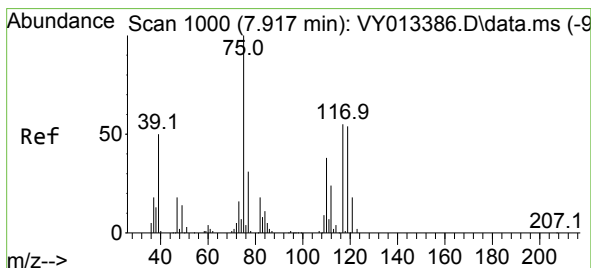
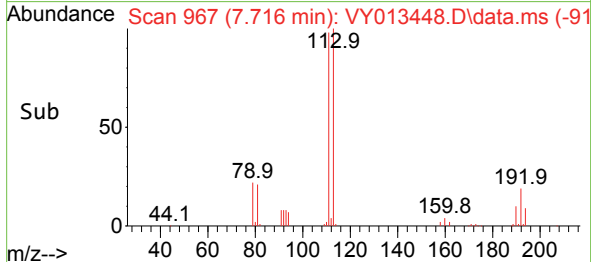
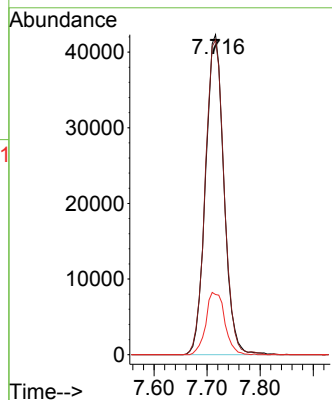
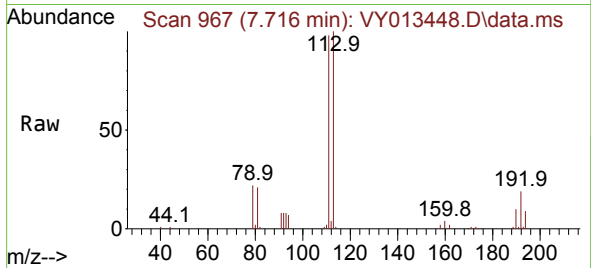




#35
Dibromofluoromethane
Concen: 56.595 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

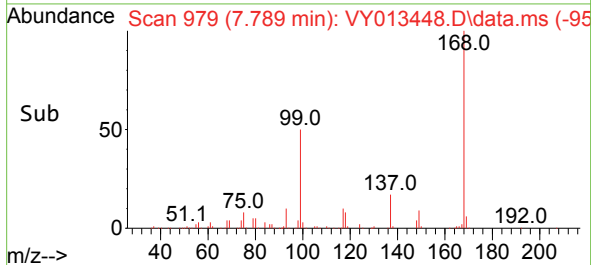
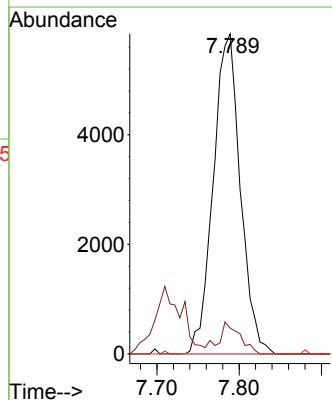
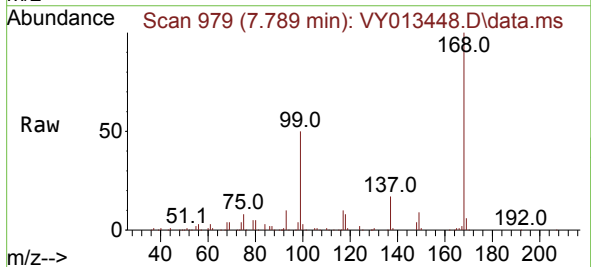
Instrument :
MSVOA_Y
ClientSampleId :
1-GRAB

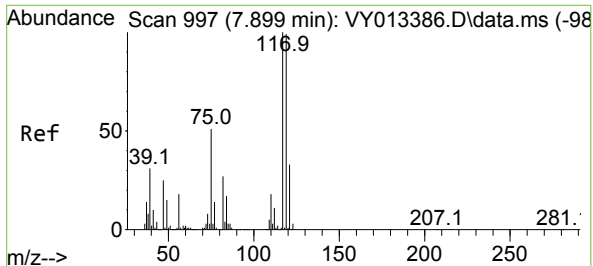
Tgt Ion:113 Resp: 101539
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.2
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

Tgt Ion: 75 Resp: 13384
Ion Ratio Lower Upper
75 100
110 7.8 18.7 56.1#
77 0.0 24.6 37.0#

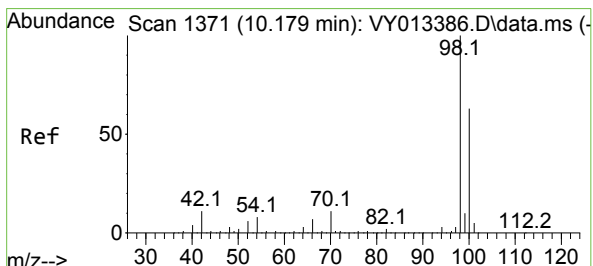
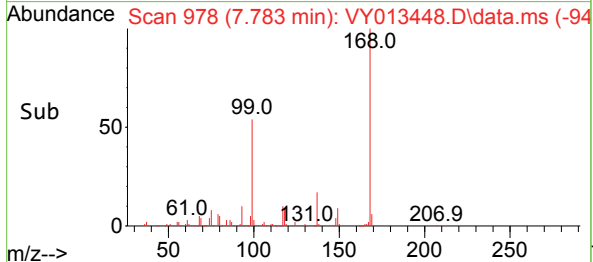
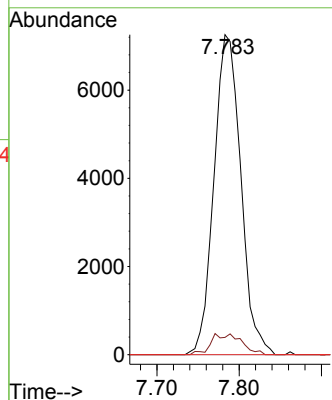
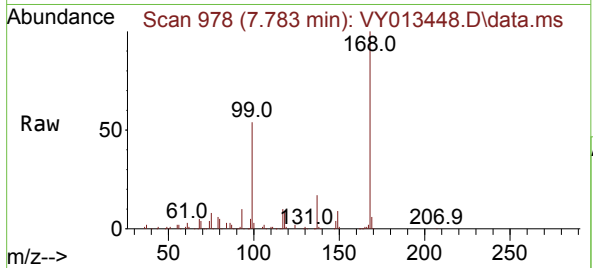




#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

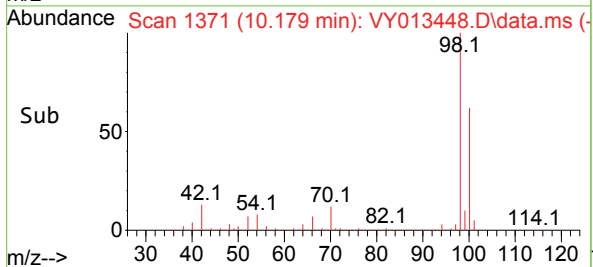
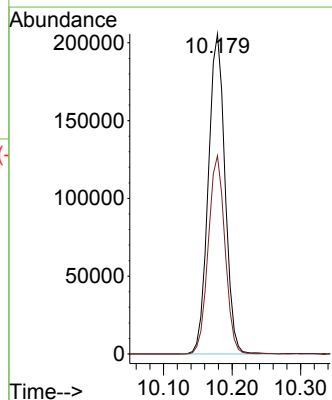
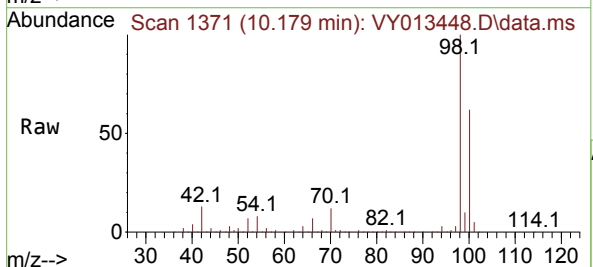
Instrument :
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ClientSampleId :
1-GRAB

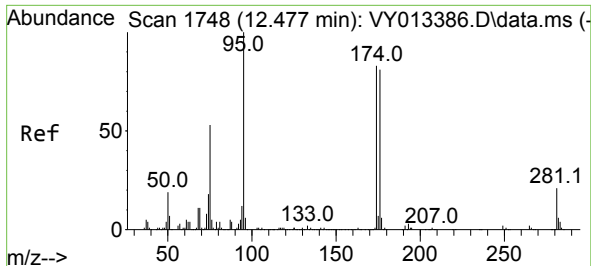
Tgt Ion:117 Resp: 16456
Ion Ratio Lower Upper
117 100
119 5.4 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.601 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

Tgt Ion: 98 Resp: 348492
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7

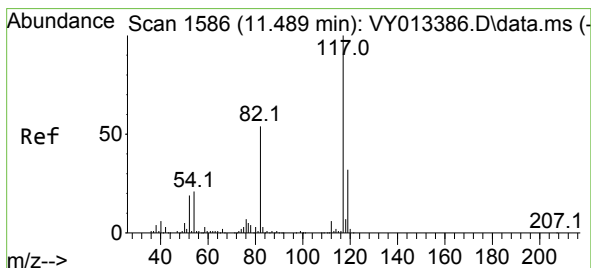
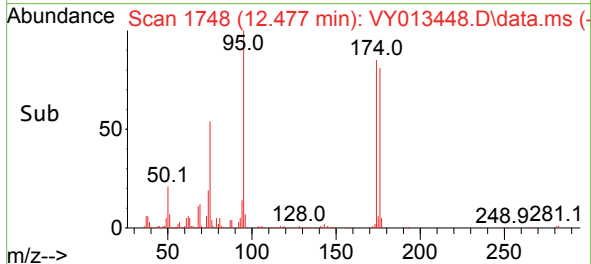
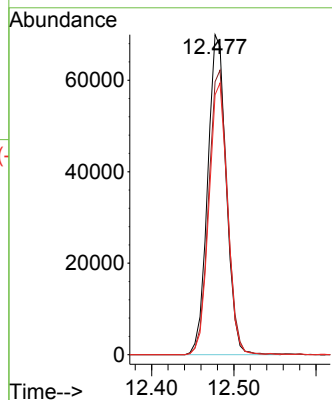
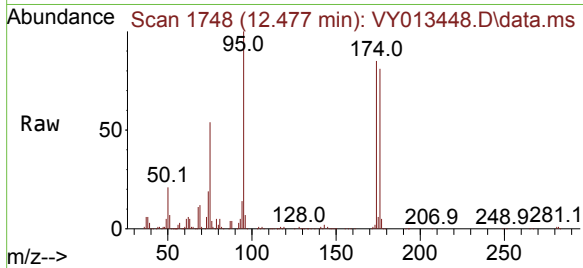




#62
4-Bromofluorobenzene
Concen: 50.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

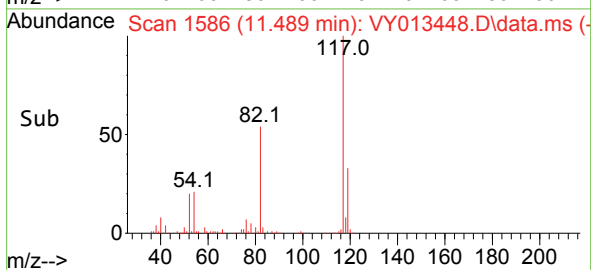
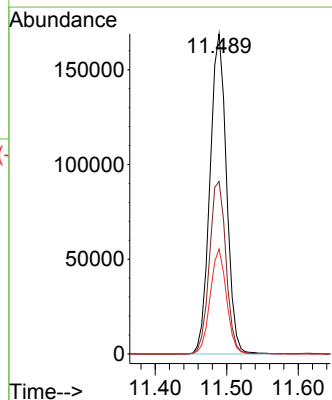
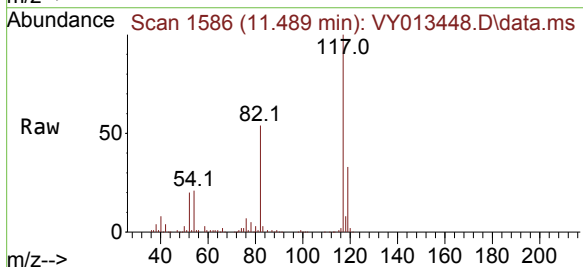
Instrument :
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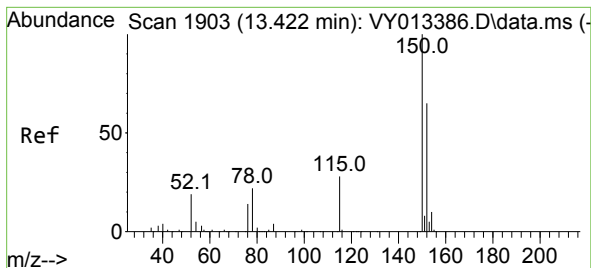
Tgt Ion: 95 Resp: 109476
Ion Ratio Lower Upper
95 100
174 90.5 0.0 182.0
176 85.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013448.D
Acq: 25 Apr 2023 15:53

Tgt Ion: 117 Resp: 271081
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 32.8 25.5 38.3

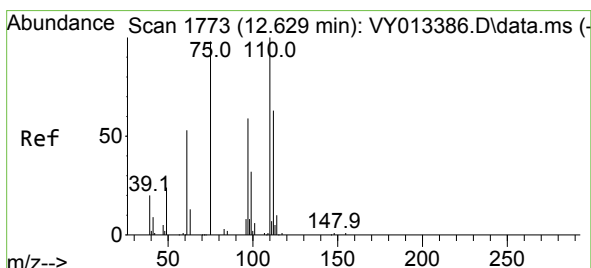
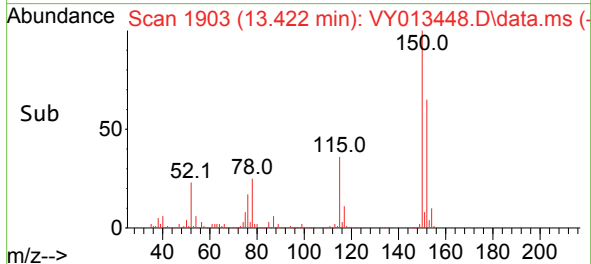
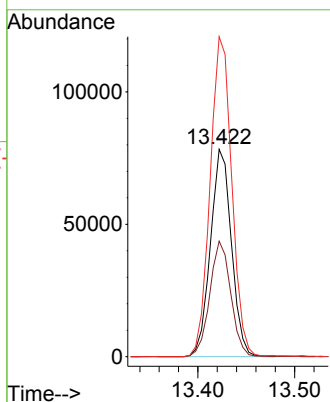
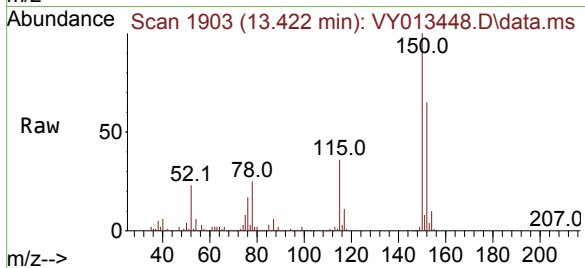




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013448.D
 Acq: 25 Apr 2023 15:53

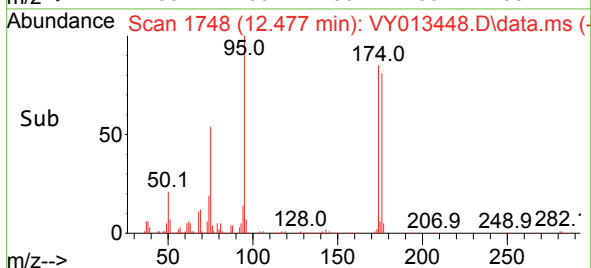
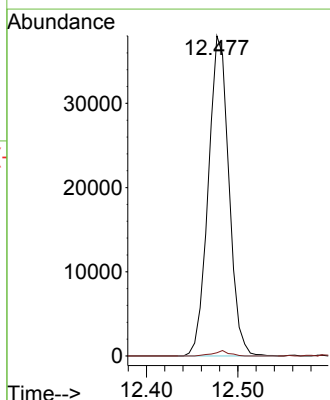
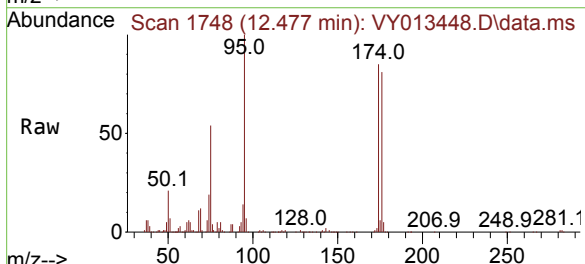
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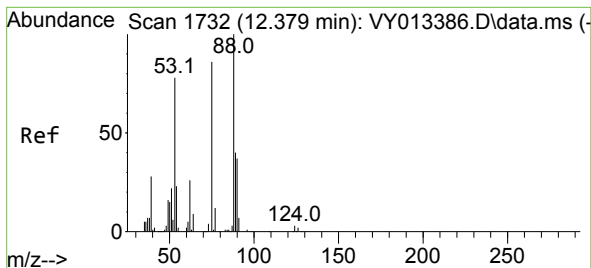
Tgt Ion:152 Resp: 118212
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.1 84.2
 150 159.0 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 37.285 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013448.D
 Acq: 25 Apr 2023 15:53

Tgt Ion: 75 Resp: 59441
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 76.269 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.098 min

Lab File: VY013448.D

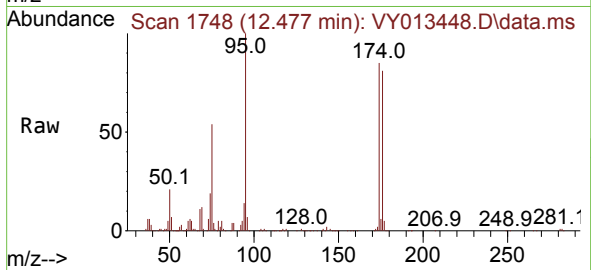
Acq: 25 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

1-GRAB



Tgt Ion: 75 Resp: 59441

Ion Ratio Lower Upper

75 100

53 0.2 73.2 109.8#

89 0.2 38.0 57.0#

