

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013507.D
 Acq On : 27 Apr 2023 21:11
 Operator : KP/MD
 Sample : 02490-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208

Quant Time: Apr 28 01:35:26 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

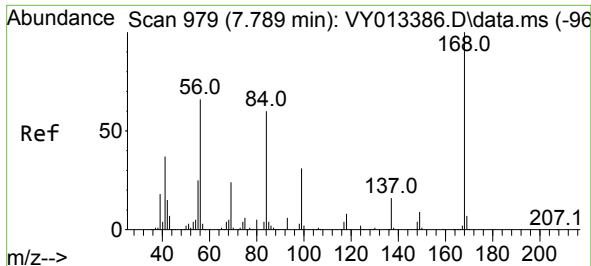
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	168087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128175	69.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.120%	
35) Dibromofluoromethane	7.716	113	104397	58.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.820%	
50) Toluene-d8	10.179	98	353268	55.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.120%	
62) 4-Bromofluorobenzene	12.477	95	112434	52.457	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.920%	
Target Compounds						
					Qvalue	
13) Acrolein	3.710	56	22	Below Cal	#	16
20) Methylene Chloride	4.704	84	16208	Below Cal	#	90
31) Cyclohexane	7.789	56	4123	1.250	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	13675	4.610	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16900	5.436	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	59564	35.433	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59564	72.481	ug/l #	13

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

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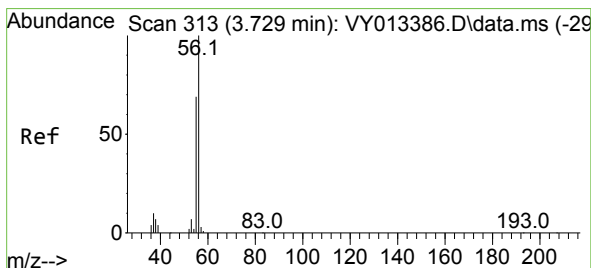
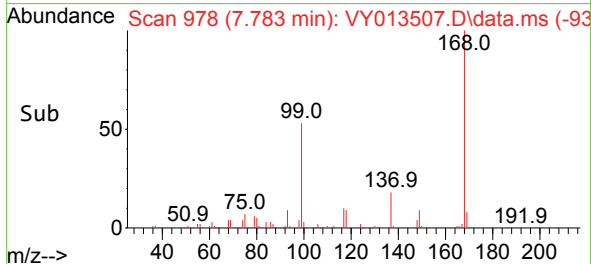
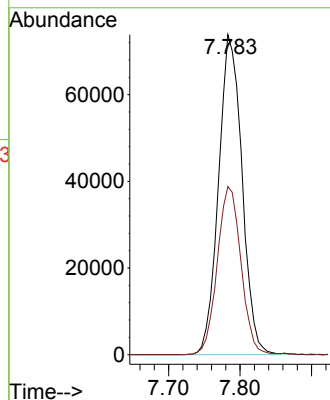
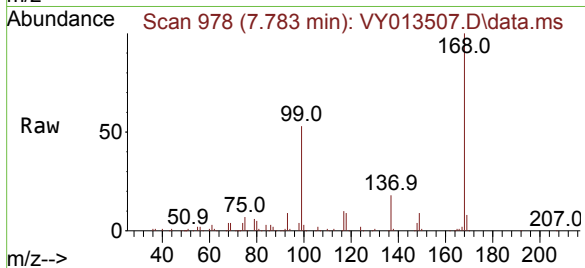




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

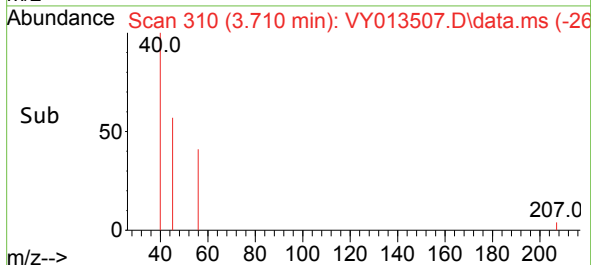
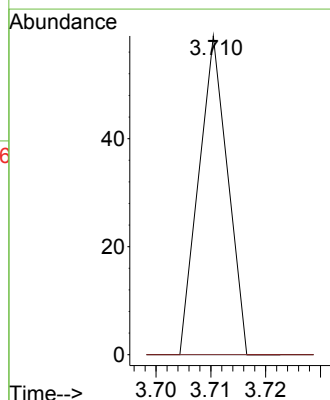
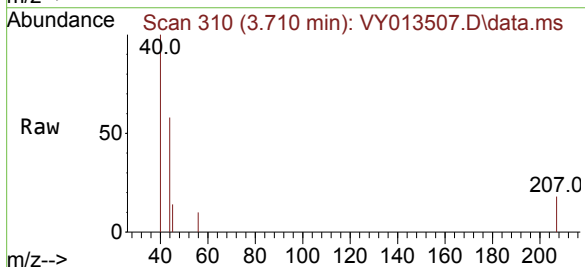
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

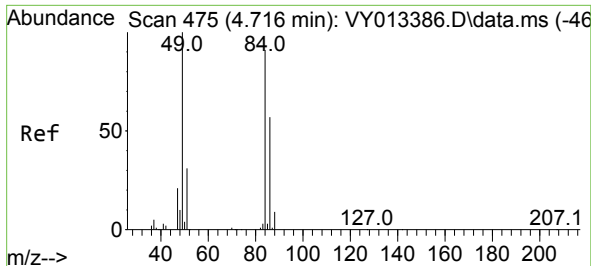
Tgt Ion:168 Resp: 168087
Ion Ratio Lower Upper
168 100
99 52.6 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 310
Delta R.T. -0.019 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

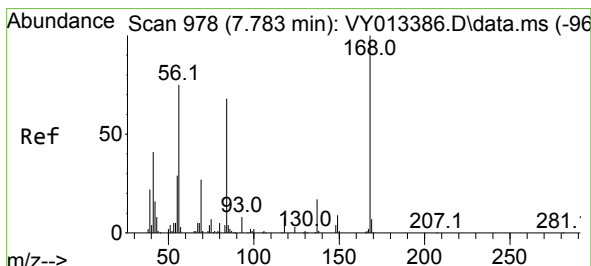
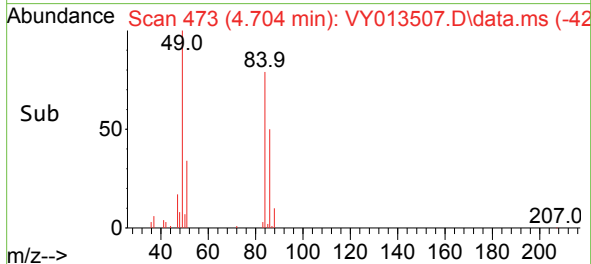
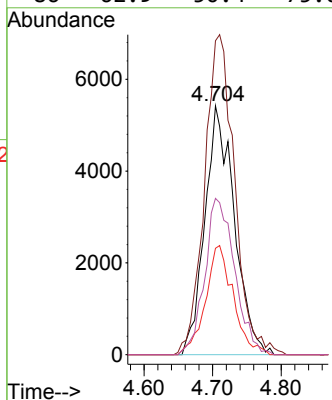
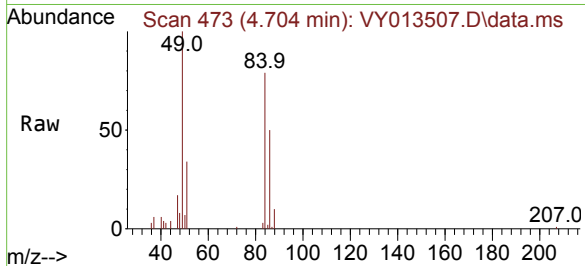




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

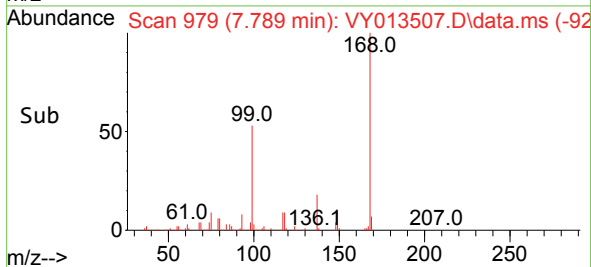
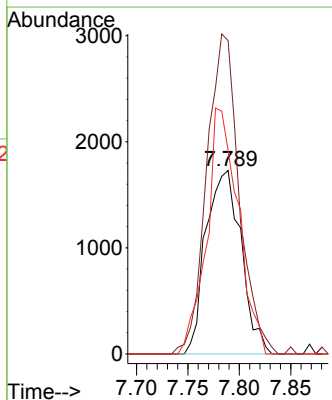
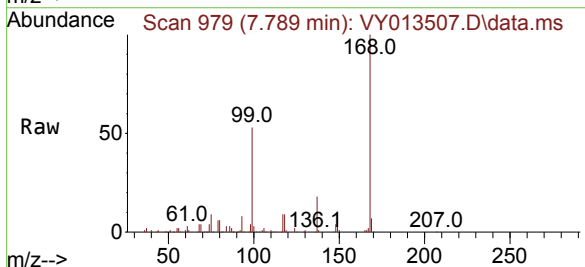
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

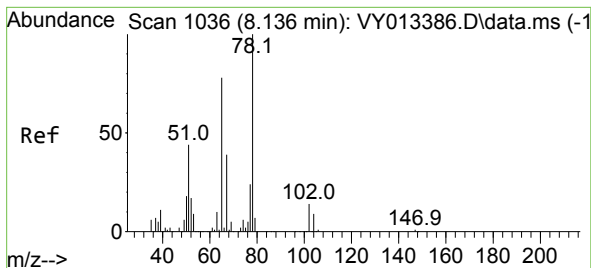
Tgt Ion:	84	Resp:	16208
Ion	Ratio	Lower	Upper
84	100		
49	125.2	88.0	132.0
51	42.8	27.4	41.0#
86	62.9	50.4	75.6



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

Tgt Ion:	56	Resp:	4123
Ion	Ratio	Lower	Upper
56	100		
69	170.7	29.2	43.8#
84	110.9	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 69.562 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013507.D

Acq: 27 Apr 2023 21:11

Instrument :

MSVOA_Y

ClientSampleId :

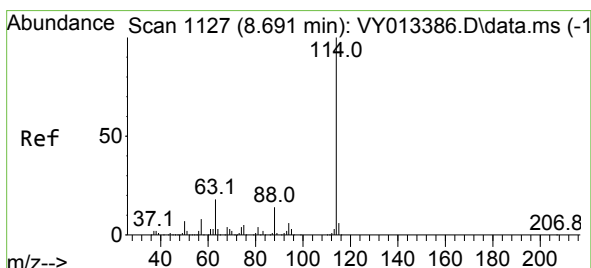
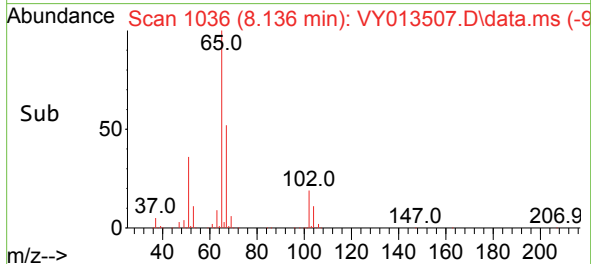
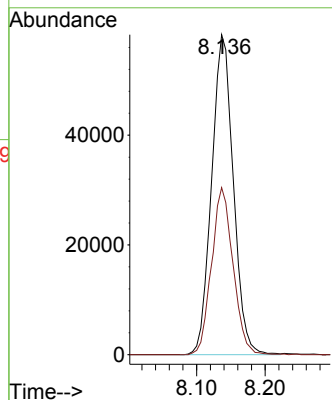
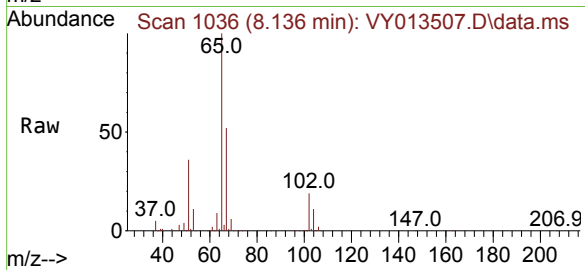
VNJ-208

Tgt Ion: 65 Resp: 128175

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013507.D

Acq: 27 Apr 2023 21:11

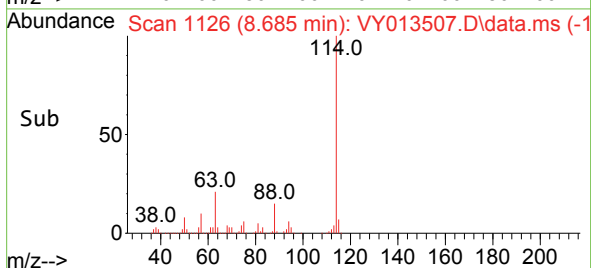
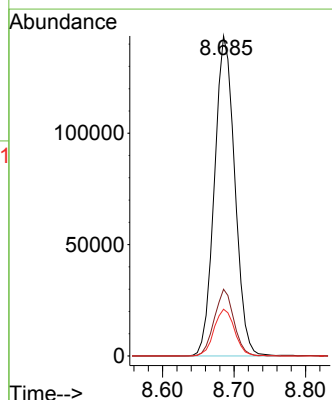
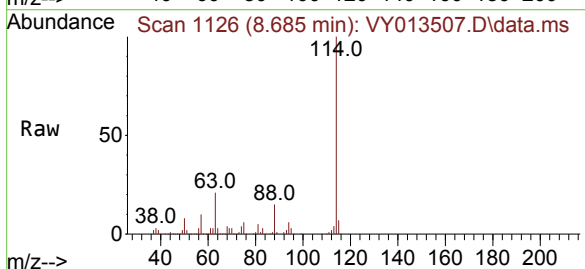
Tgt Ion: 114 Resp: 284154

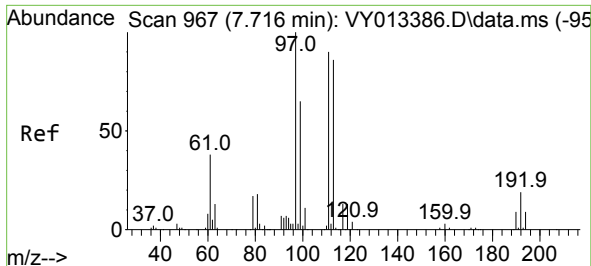
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 14.6 0.0 28.8

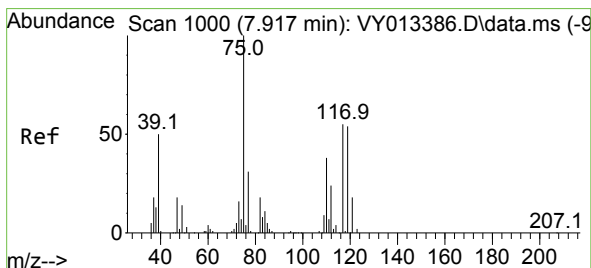
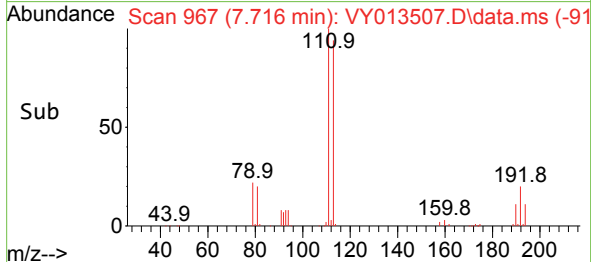
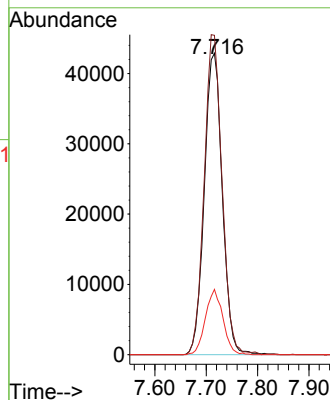
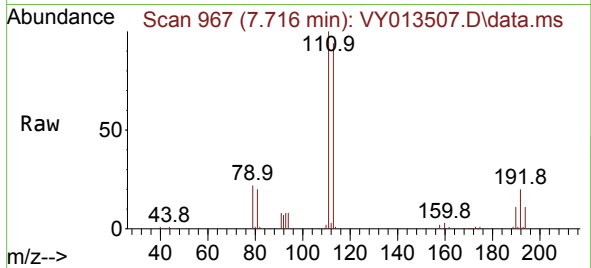




#35
Dibromofluoromethane
Concen: 58.414 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

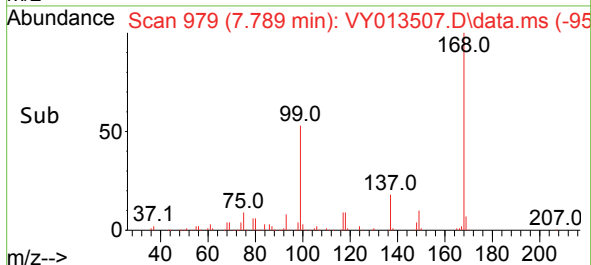
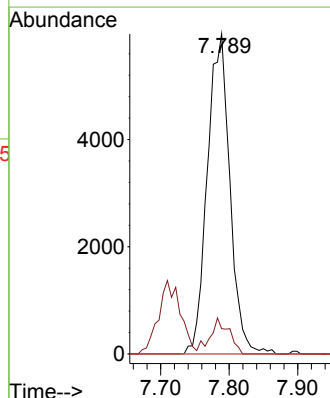
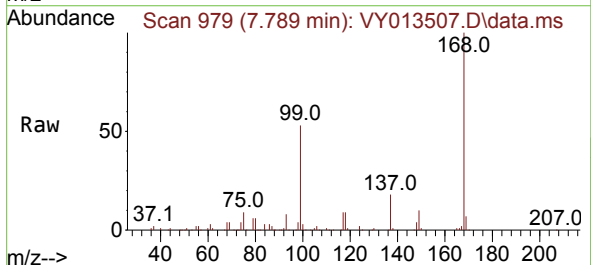
Instrument :
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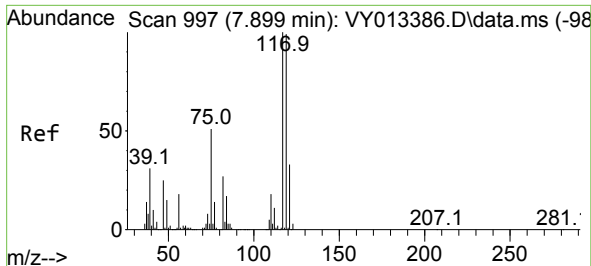
Tgt Ion:113 Resp: 104397
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

Tgt Ion: 75 Resp: 13675
Ion Ratio Lower Upper
75 100
110 9.3 18.7 56.1#
77 0.0 24.6 37.0#

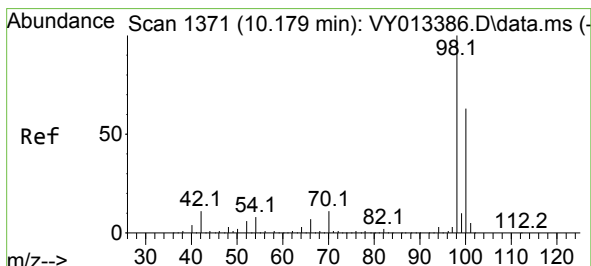
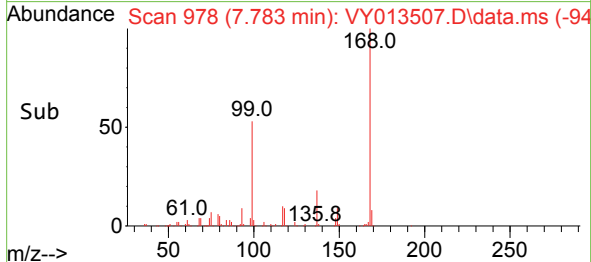
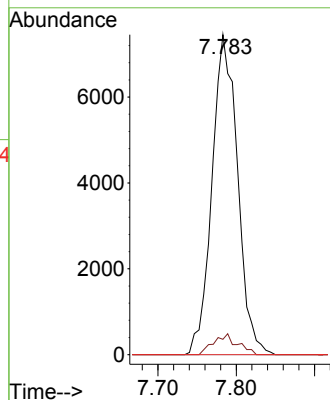
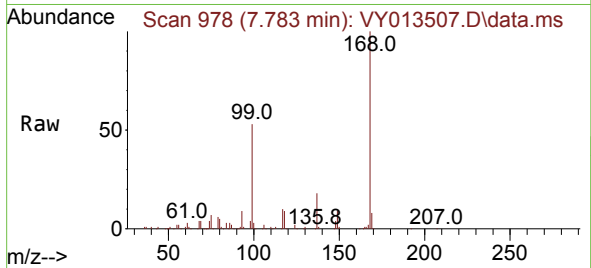




#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

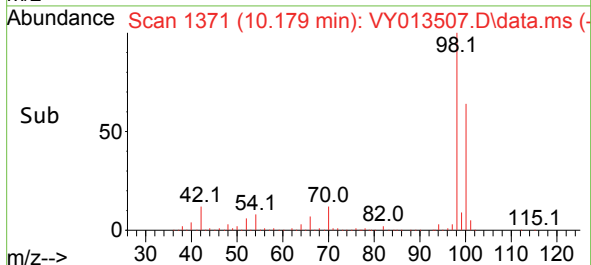
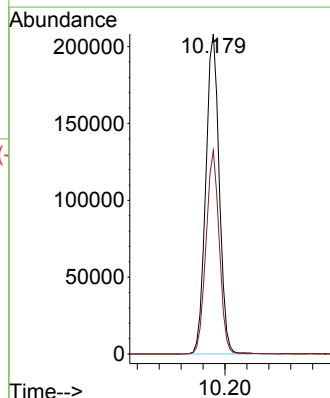
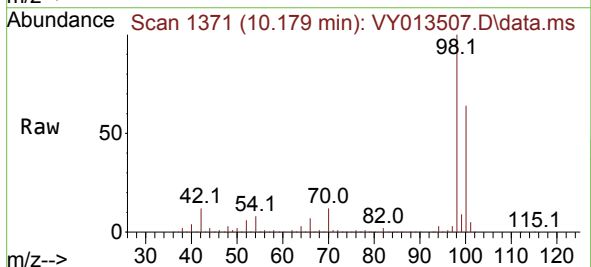
Instrument :
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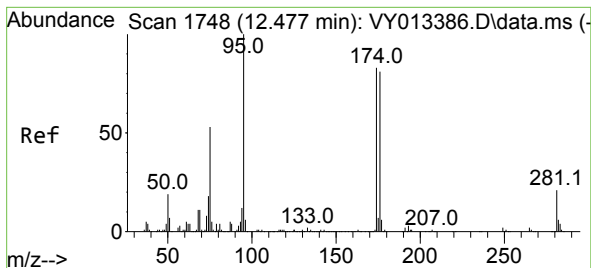
Tgt Ion:117 Resp: 16900
Ion Ratio Lower Upper
117 100
119 4.8 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.565 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

Tgt Ion: 98 Resp: 353268
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7

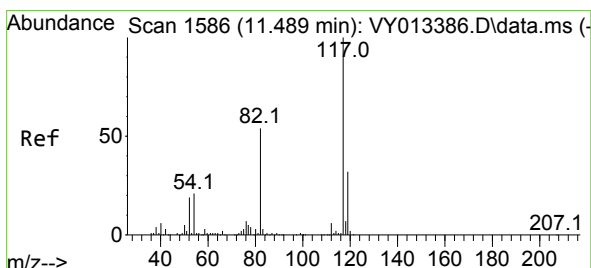
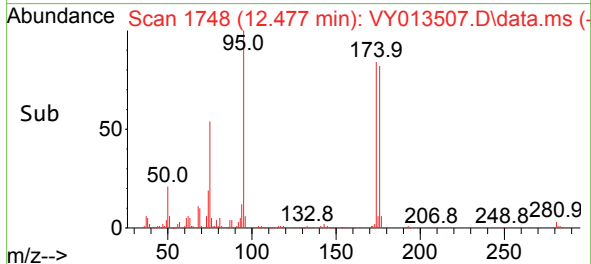
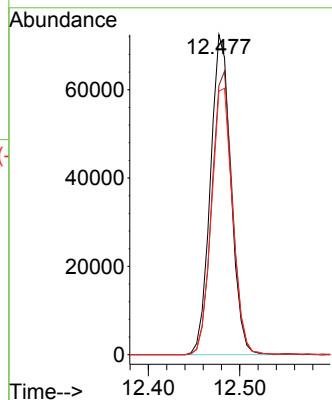
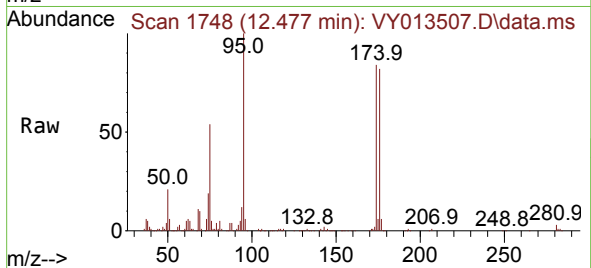




#62
4-Bromofluorobenzene
Concen: 52.457 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

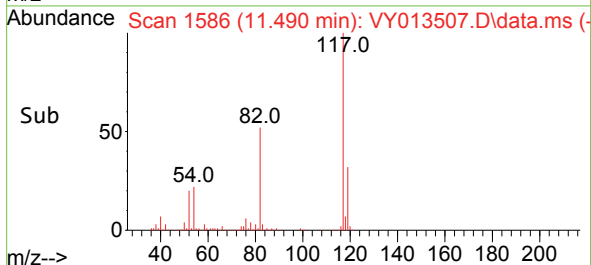
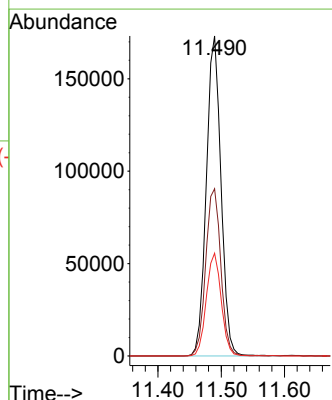
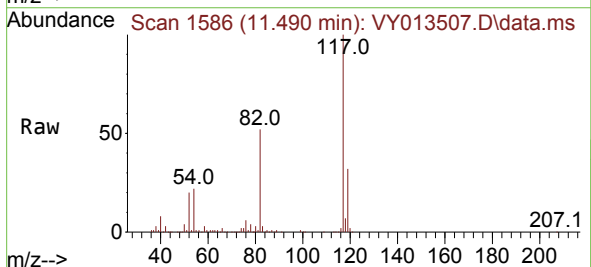
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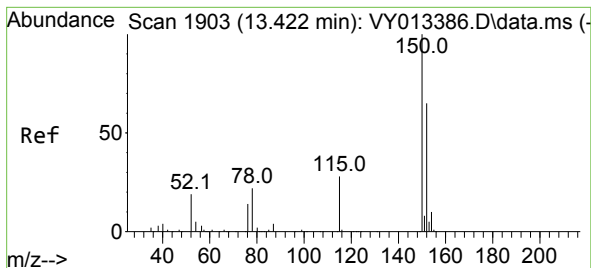
Tgt Ion: 95 Resp: 112434
Ion Ratio Lower Upper
95 100
174 89.4 0.0 182.0
176 86.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013507.D
Acq: 27 Apr 2023 21:11

Tgt Ion: 117 Resp: 279406
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.6
119 32.1 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: VY013507.D

Acq: 27 Apr 2023 21:11

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-208

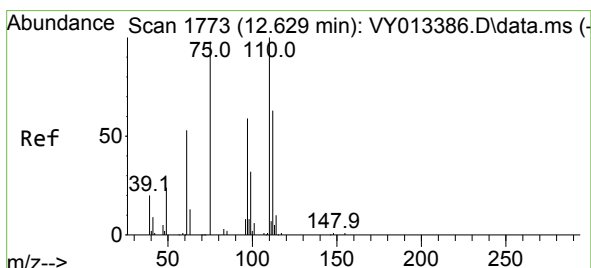
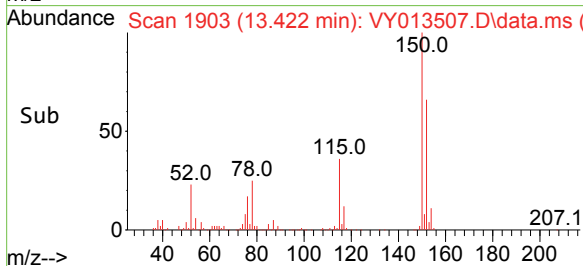
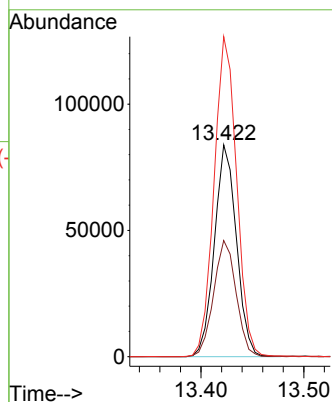
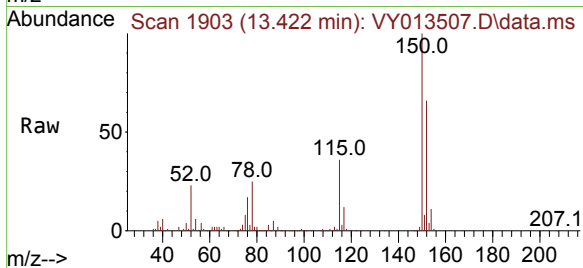
Tgt Ion:152 Resp: 124647

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 154.9 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 35.433 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013507.D

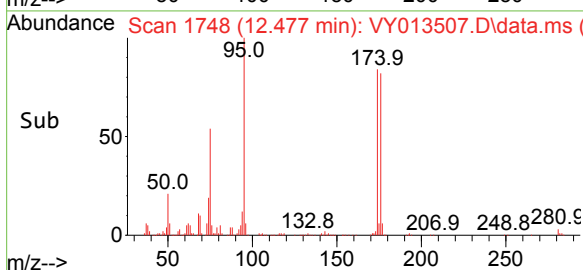
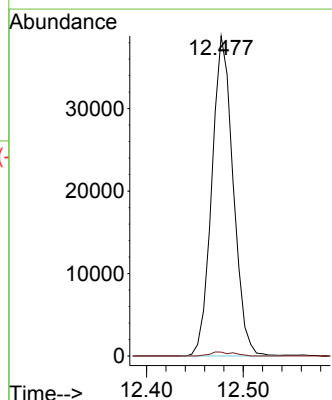
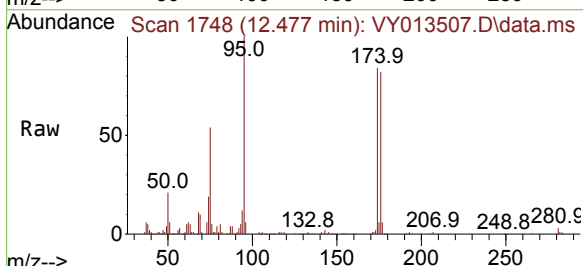
Acq: 27 Apr 2023 21:11

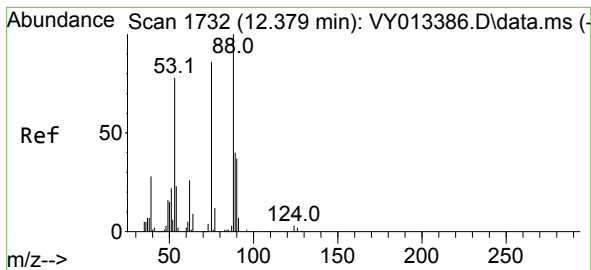
Tgt Ion: 75 Resp: 59564

Ion Ratio Lower Upper

75 100

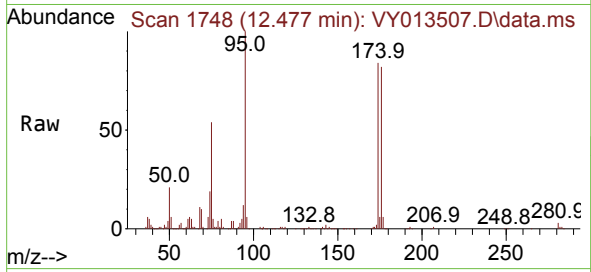
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.481 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013507.D
 Acq: 27 Apr 2023 21:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208



Tgt Ion:	75	Resp:	59564
Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.2	109.8#
89	0.1	38.0	57.0#

