

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013526.D
 Acq On : 28 Apr 2023 15:17
 Operator : KP/MD
 Sample : 02490-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-201

Quant Time: Apr 28 23:13:53 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)

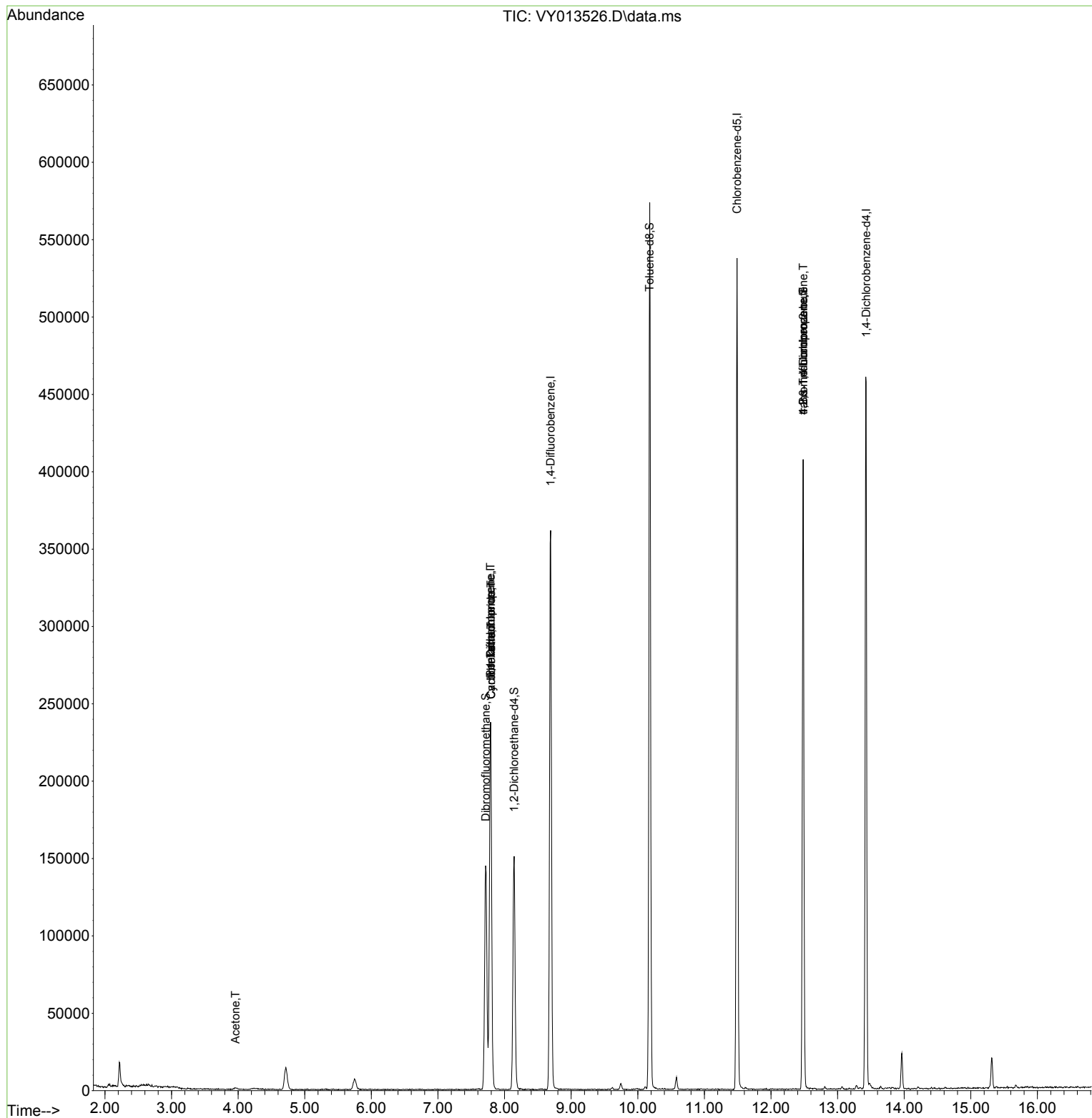
Internal Standards						
1) Pentafluorobenzene	7.789	168	187095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122400	59.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.360%	
35) Dibromofluoromethane	7.716	113	101294	53.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.179	98	367104	54.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.483	95	108994	47.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.961	43	2031	2.515	ug/l	90
20) Methylene Chloride	4.710	84	10129	Below Cal	#	86
31) Cyclohexane	7.795	56	4600	1.253	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	14280	4.516	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18208	5.494	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	59581	36.131	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59581	73.909	ug/l #	13

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

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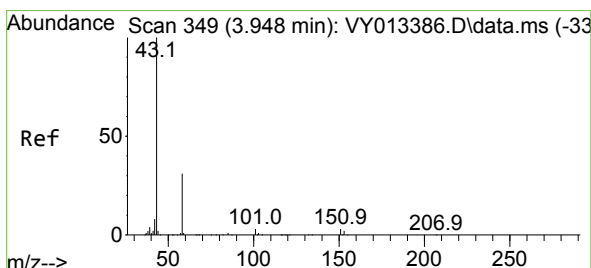
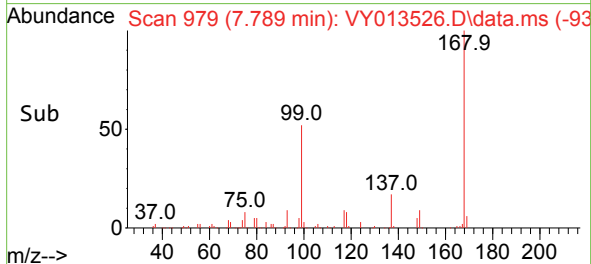
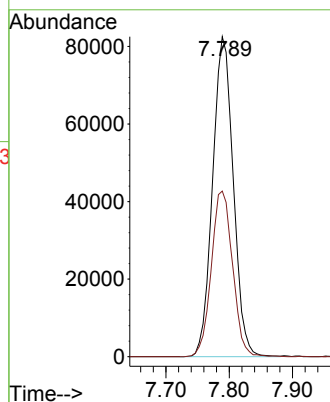
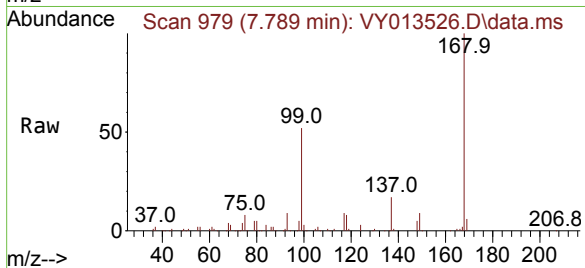




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

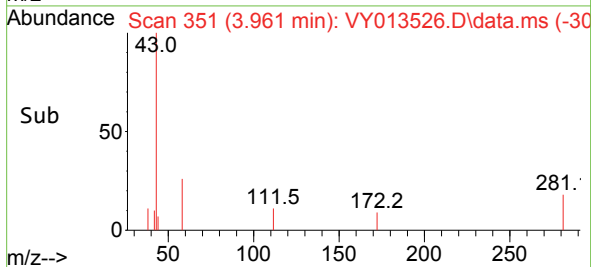
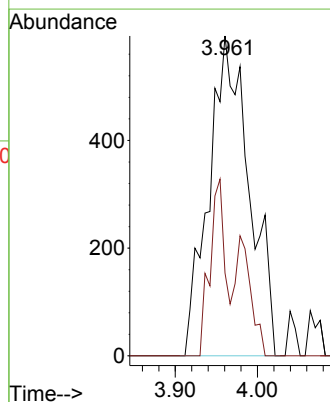
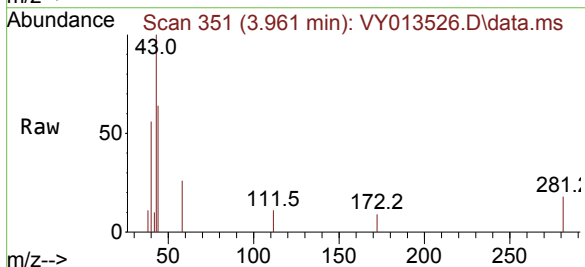
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201

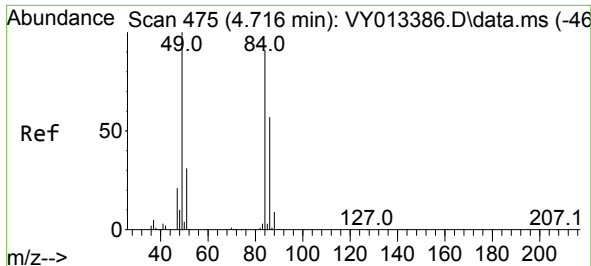
Tgt Ion:168 Resp: 187095
Ion Ratio Lower Upper
168 100
99 51.8 41.8 62.6



#16
Acetone
Concen: 2.515 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

Tgt Ion: 43 Resp: 2031
Ion Ratio Lower Upper
43 100
58 25.9 25.4 38.0

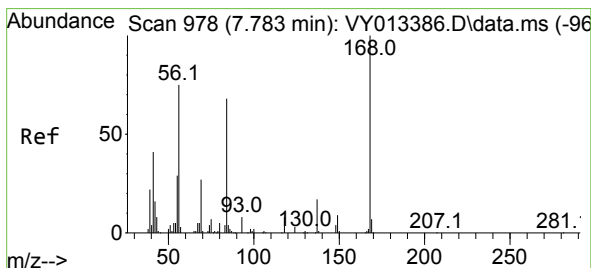
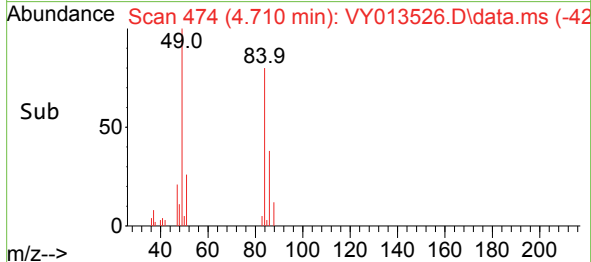
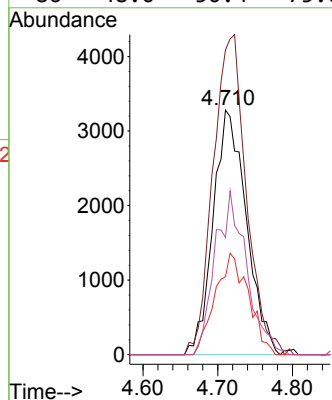
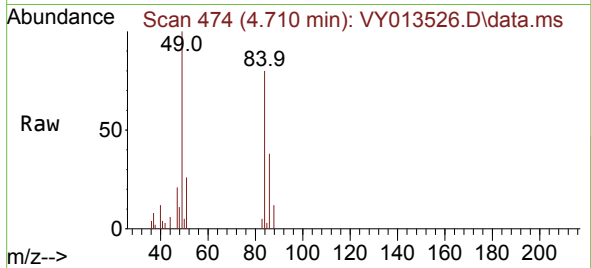




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

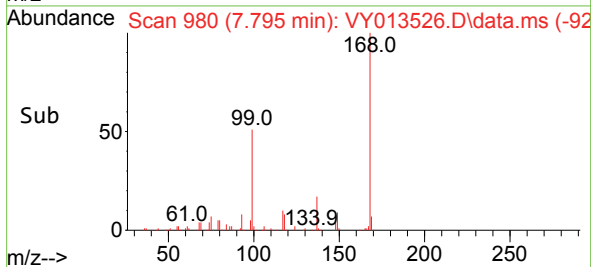
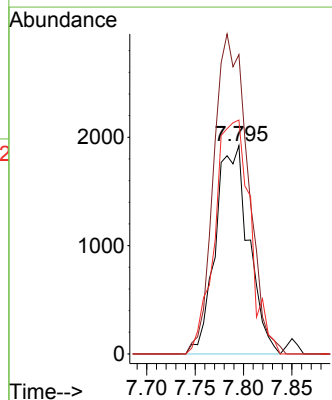
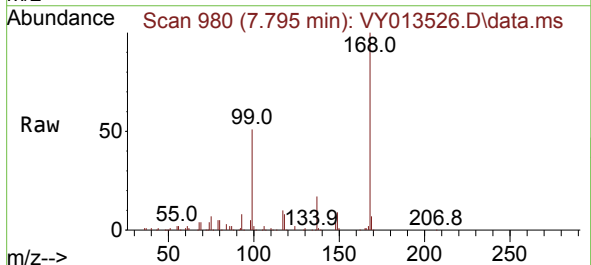
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201

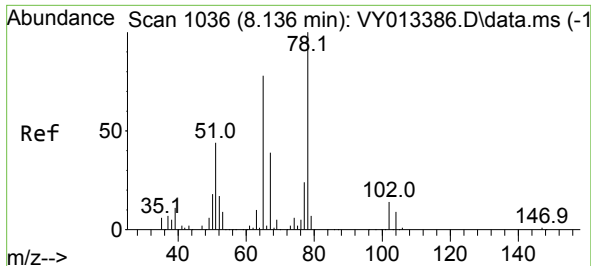
Tgt Ion:	84	Resp:	10129
Ion	Ratio	Lower	Upper
84	100		
49	124.7	88.0	132.0
51	31.9	27.4	41.0
86	48.0	50.4	75.6#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

Tgt Ion:	56	Resp:	4600
Ion	Ratio	Lower	Upper
56	100		
69	143.7	29.2	43.8#
84	112.3	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 59.679 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY013526.D

Acq: 28 Apr 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

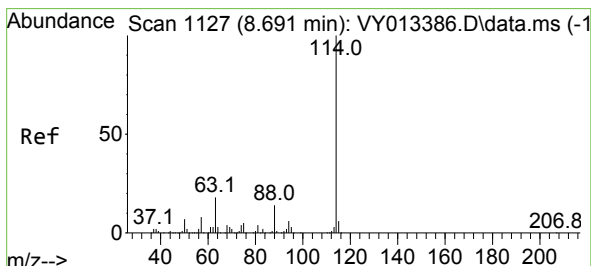
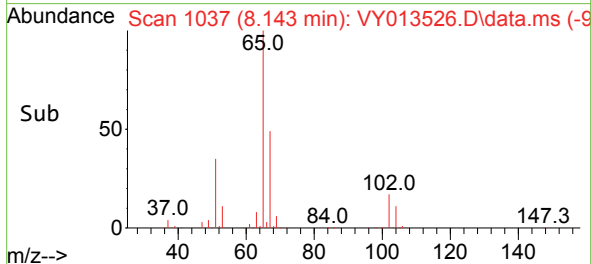
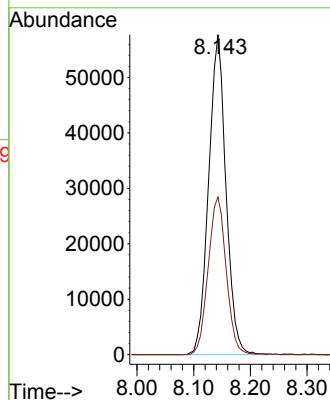
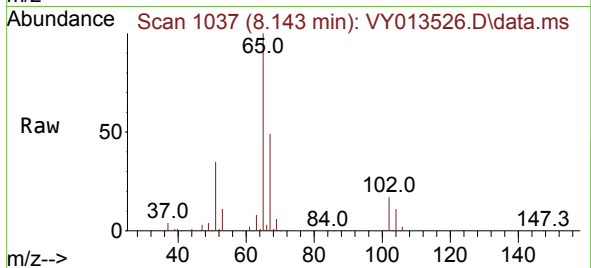
VNJ-201

Tgt Ion: 65 Resp: 122400

Ion Ratio Lower Upper

65 100

67 51.3 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: VY013526.D

Acq: 28 Apr 2023 15:17

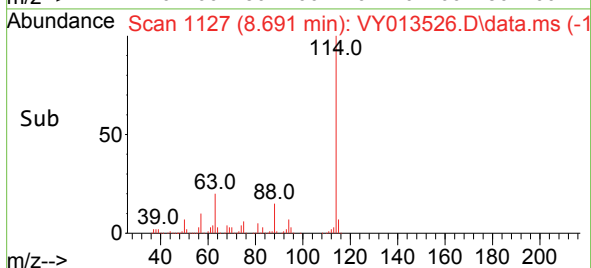
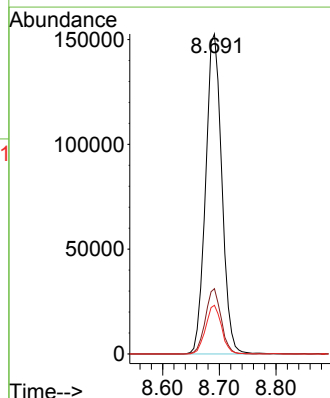
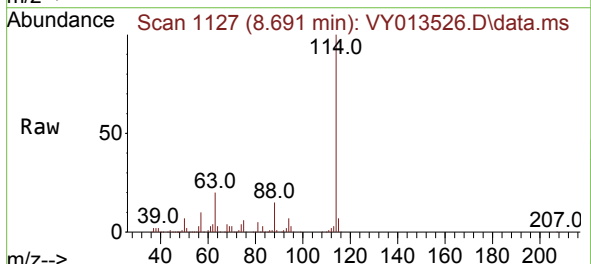
Tgt Ion: 114 Resp: 302907

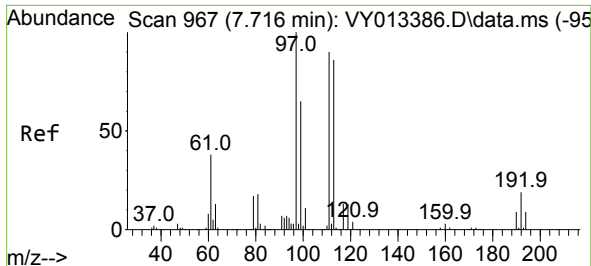
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 15.2 0.0 28.8

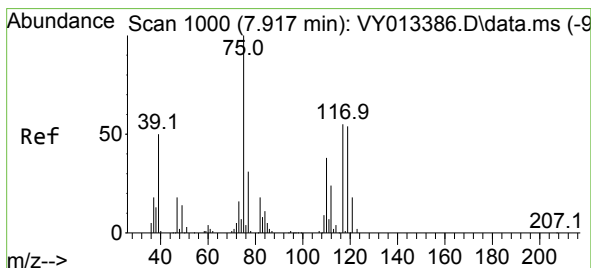
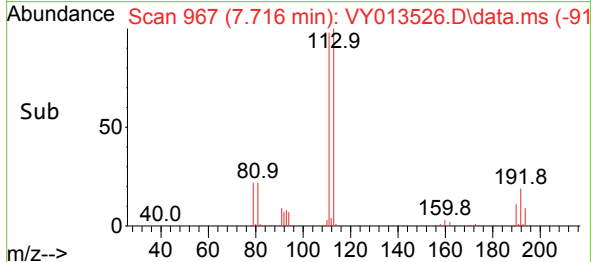
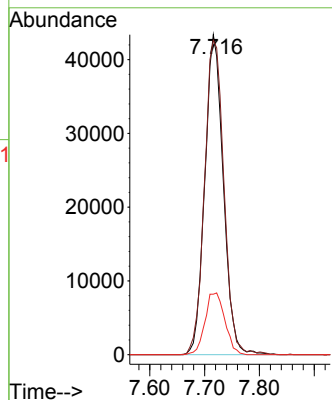
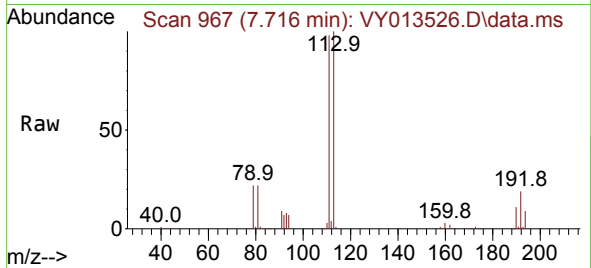




#35
Dibromofluoromethane
Concen: 53.169 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

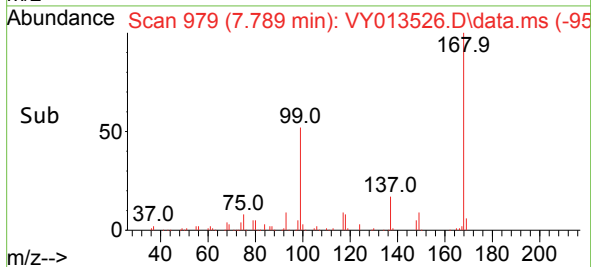
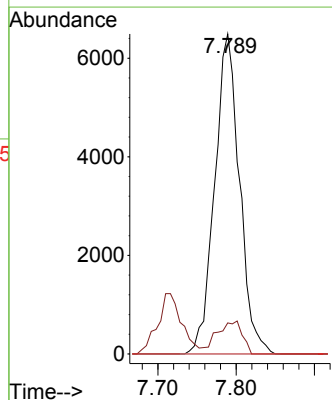
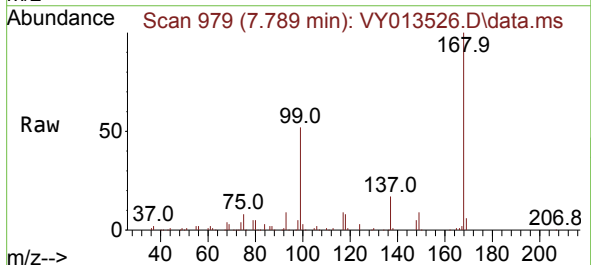
Instrument :
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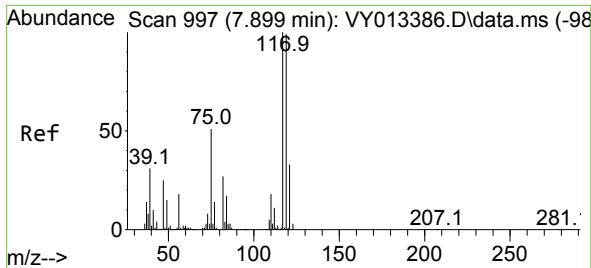
Tgt Ion:113 Resp: 101294
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

Tgt Ion: 75 Resp: 14280
Ion Ratio Lower Upper
75 100
110 10.6 18.7 56.1#
77 0.0 24.6 37.0#

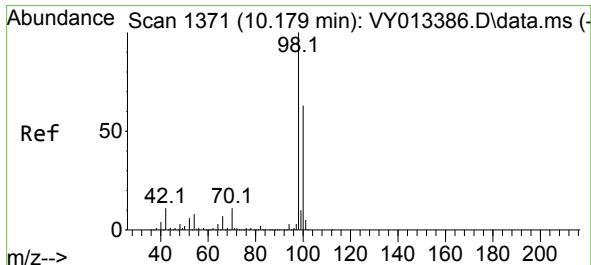
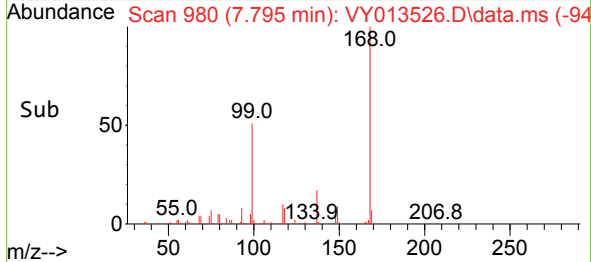
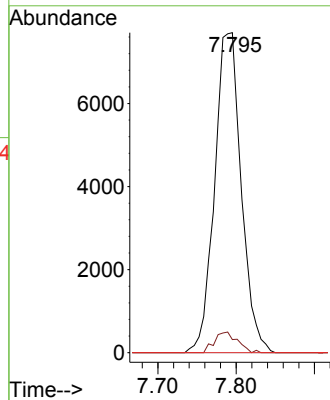
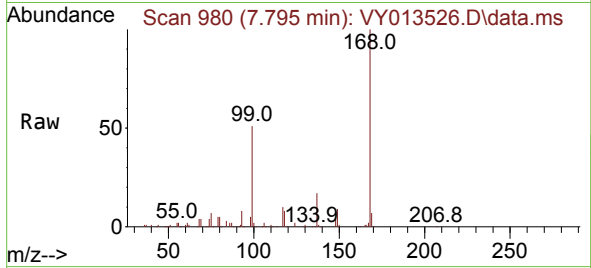




#38
Carbon Tetrachloride
Concen: 5.494 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

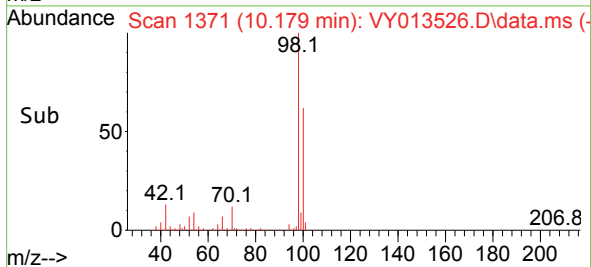
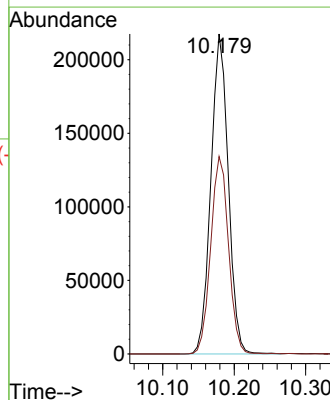
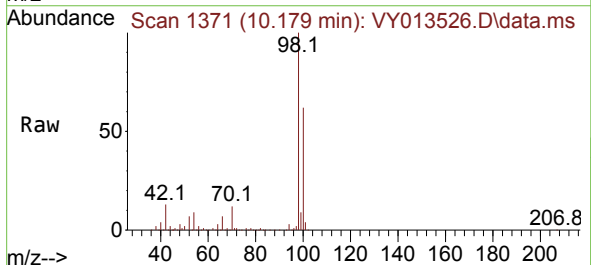
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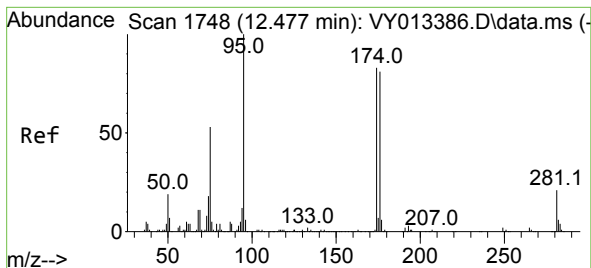
Tgt Ion:117 Resp: 18208
Ion Ratio Lower Upper
117 100
119 4.1 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.166 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

Tgt Ion: 98 Resp: 367104
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

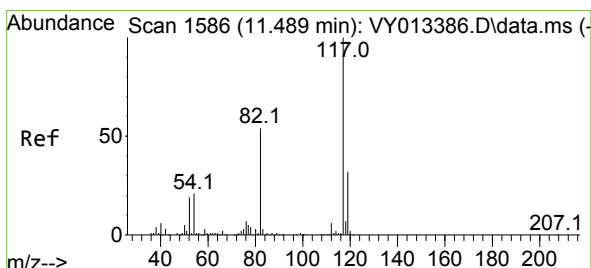
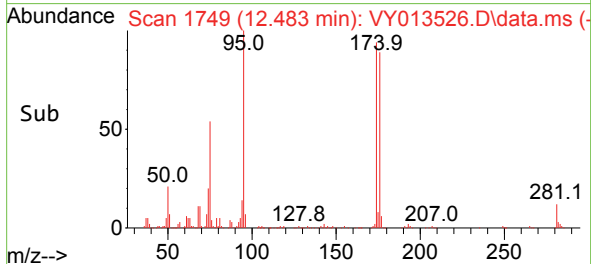
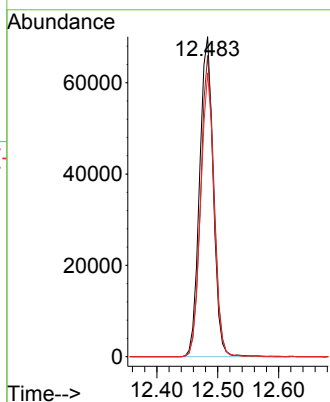
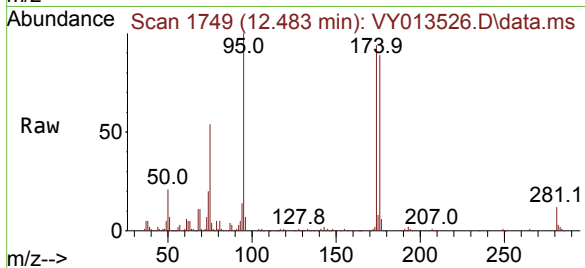




#62
4-Bromofluorobenzene
Concen: 47.703 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

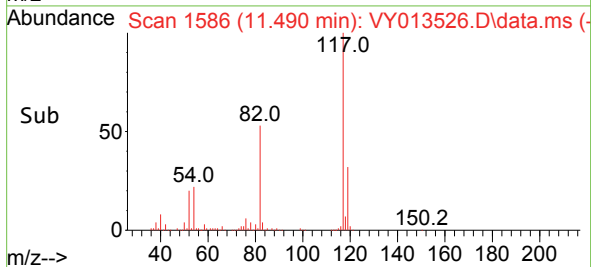
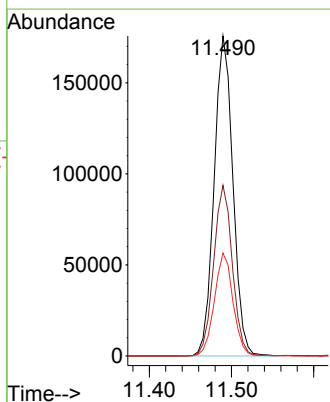
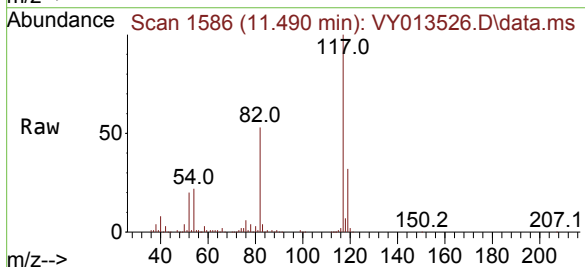
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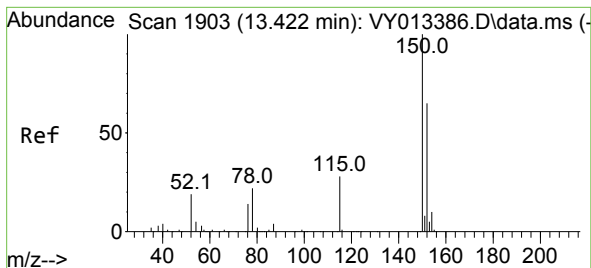
Tgt Ion: 95 Resp: 108994
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 87.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013526.D
Acq: 28 Apr 2023 15:17

Tgt Ion: 117 Resp: 279062
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.6
119 32.2 25.5 38.3

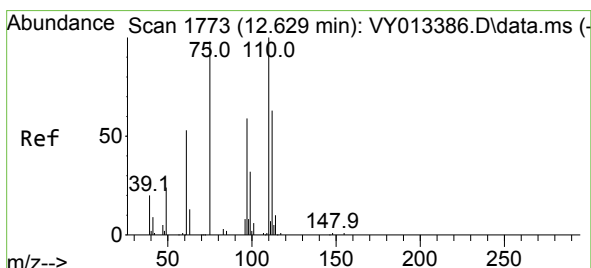
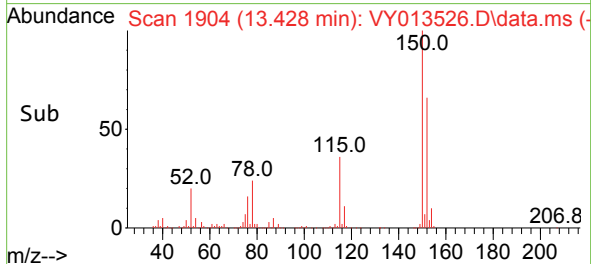
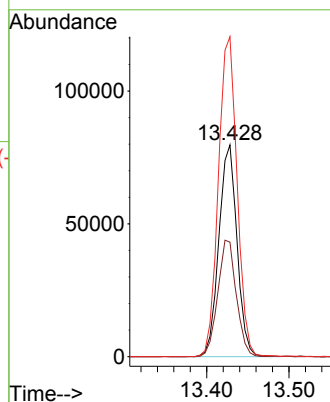
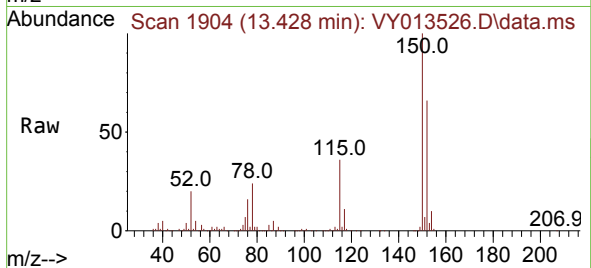




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013526.D
 Acq: 28 Apr 2023 15:17

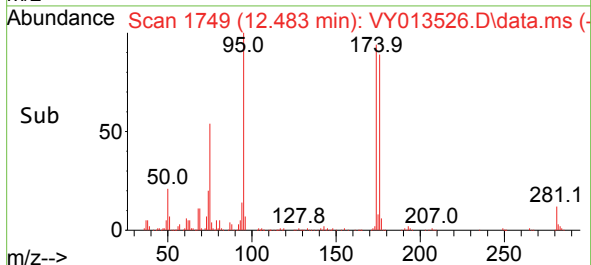
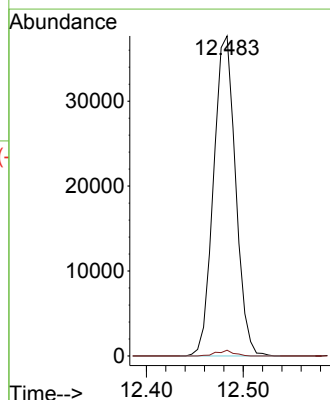
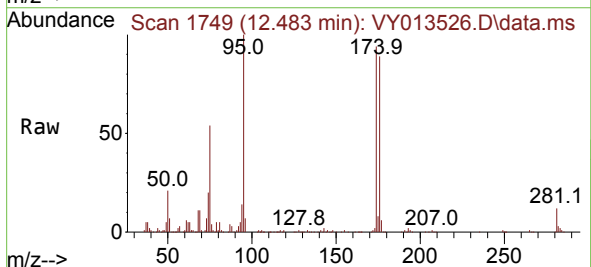
Instrument :
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 VNJ-201

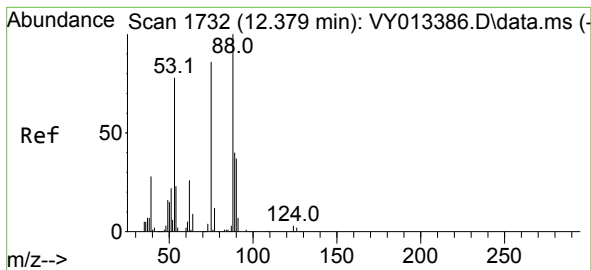
Tgt Ion:152 Resp: 122274
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.1 84.2
 150 155.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 36.131 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013526.D
 Acq: 28 Apr 2023 15:17

Tgt Ion: 75 Resp: 59581
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.909 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013526.D
 Acq: 28 Apr 2023 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-201

Tgt Ion: 75 Resp: 59581
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.2 109.8#
 89 0.0 38.0 57.0#

