

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012139.D
 Acq On : 10 Jan 2023 14:09
 Operator : KP/MD
 Sample : 01089-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-1-010923

Quant Time: Jan 11 03:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

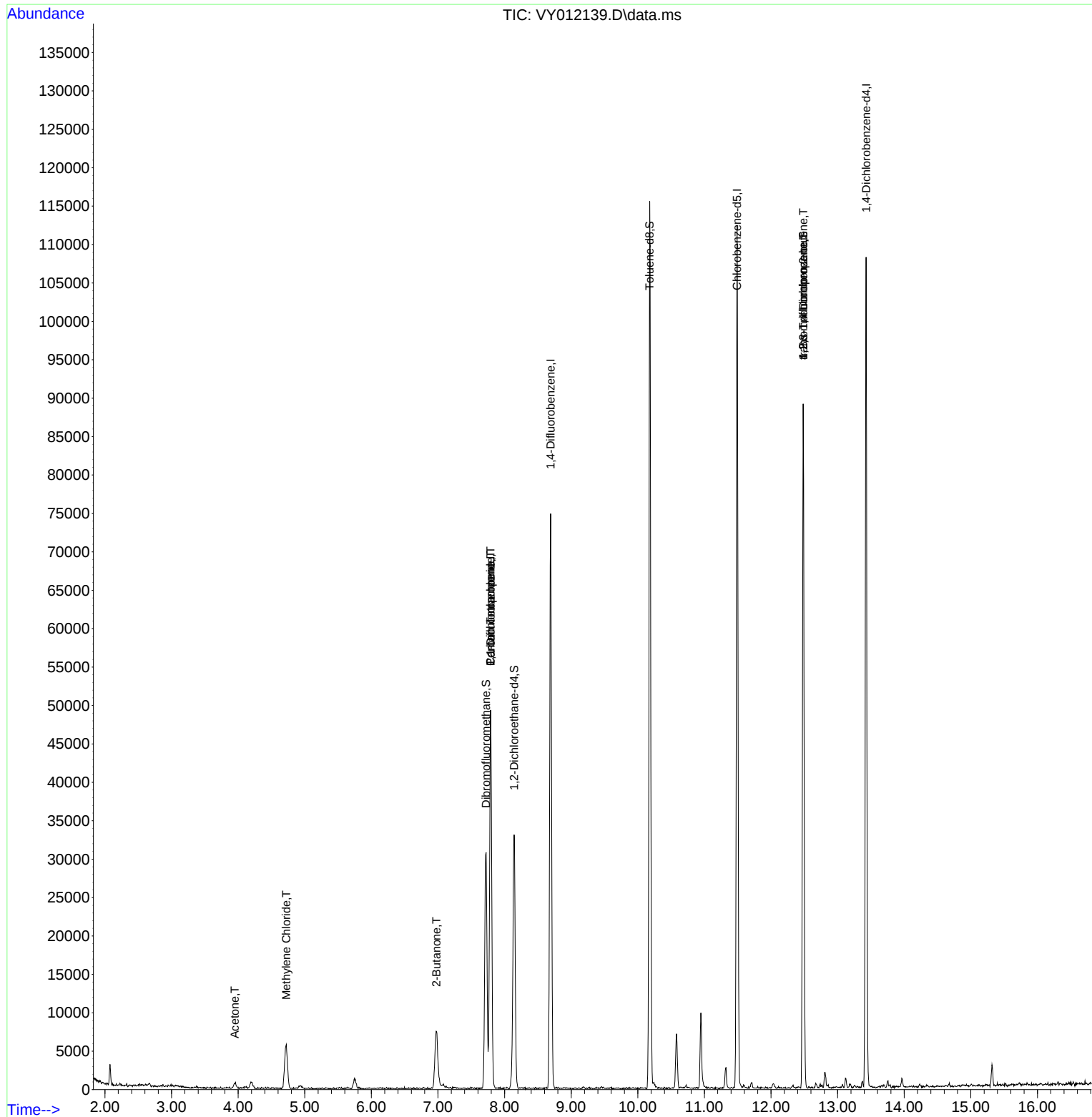
Internal Standards						
1) Pentafluorobenzene	7.789	168	39489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	65982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28132	63.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.800%			
35) Dibromofluoromethane	7.722	113	21360	49.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.500%			
50) Toluene-d8	10.179	98	78674	45.960	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.920%			
62) 4-Bromofluorobenzene	12.483	95	25105	41.958	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.920%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	67	Below Cal	#	41
5) Bromomethane	2.668	94	159	Below Cal	#	68
11) Tert butyl alcohol	4.942	59	281	Below Cal	#	74
16) Acetone	3.948	43	1292	12.378	ug/l #	86
20) Methylene Chloride	4.722	84	4883	5.839	ug/l #	78
25) 2-Butanone	6.978	43	384	2.788	ug/l #	46
31) Cyclohexane	7.789	56	697	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	2547	3.871	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3816	4.569	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	13418	39.509	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13418	87.744	ug/l #	13

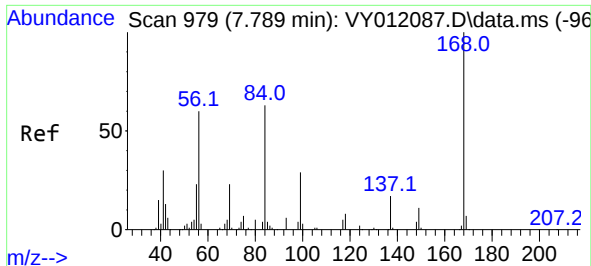
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

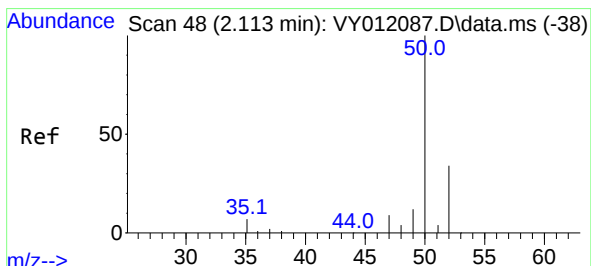
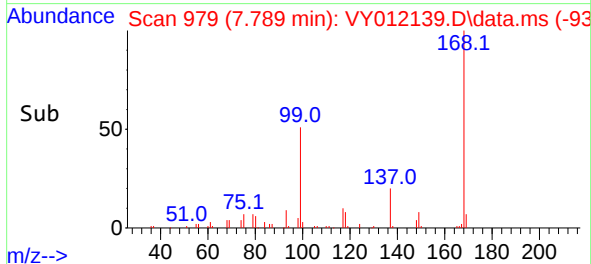
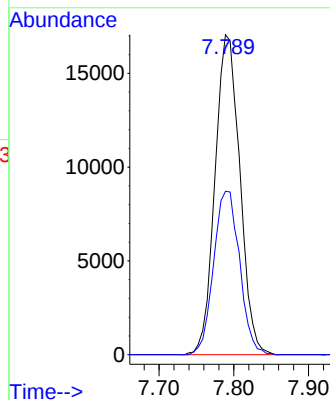
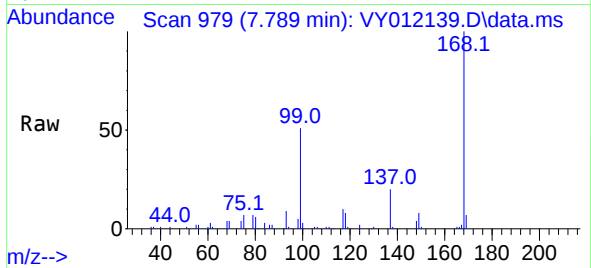




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

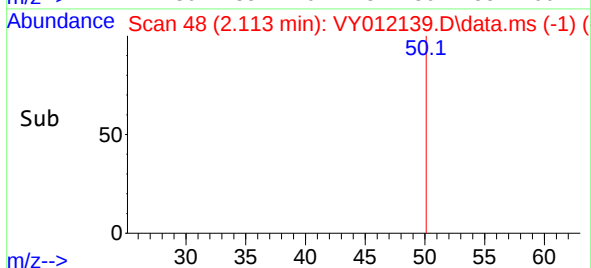
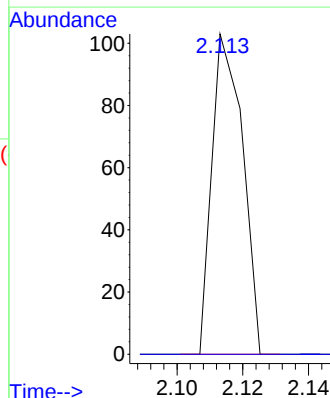
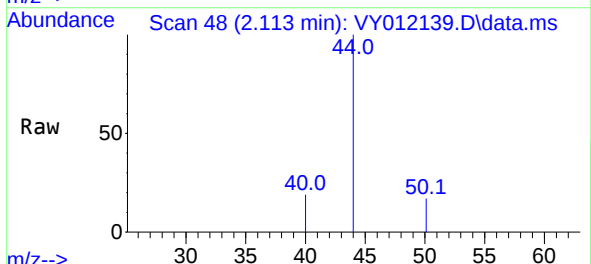
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923

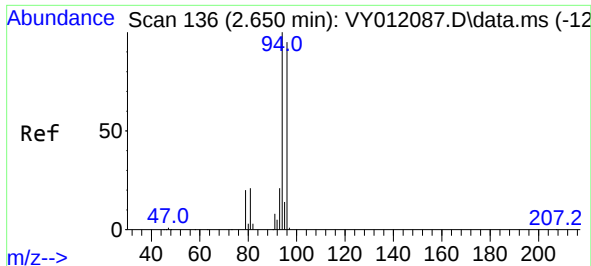
Tgt Ion:168 Resp: 39489
Ion Ratio Lower Upper
168 100
99 51.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 50 Resp: 67
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

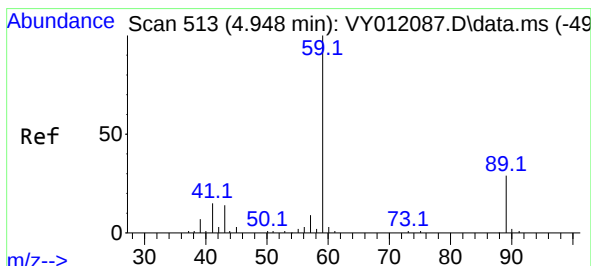
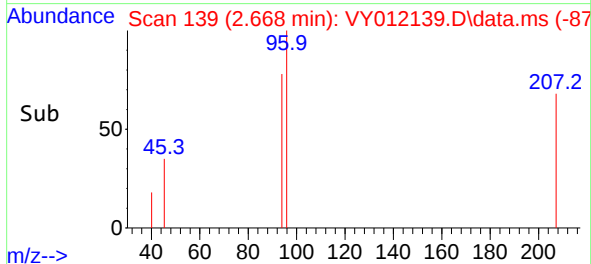
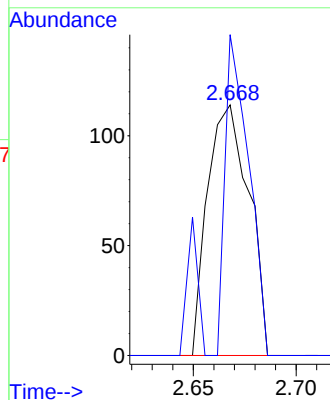
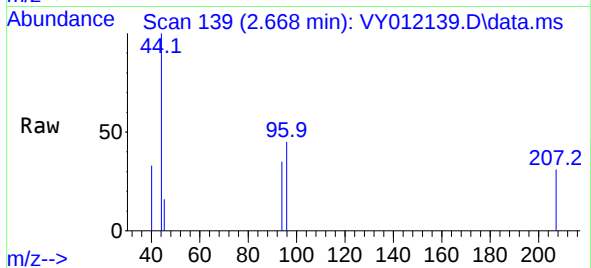




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

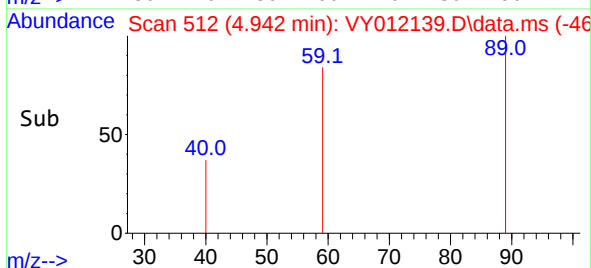
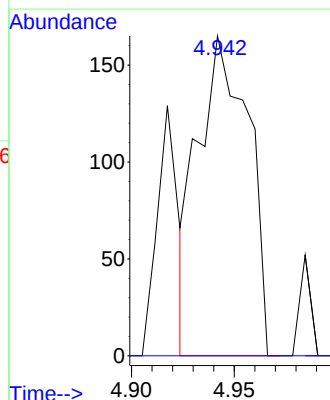
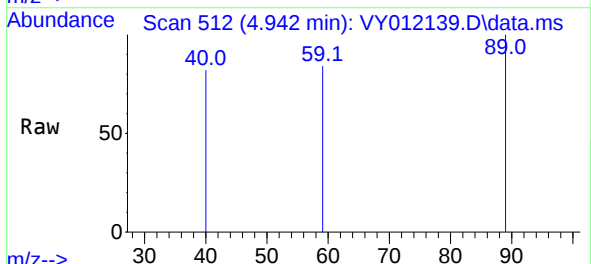
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923

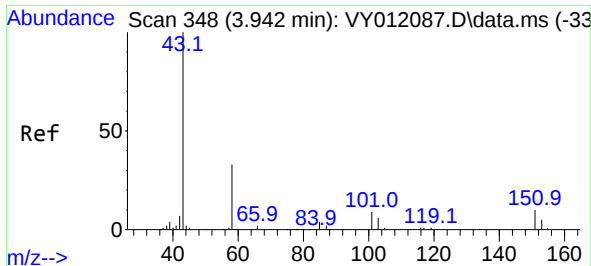
Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 128.1 77.4 116.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

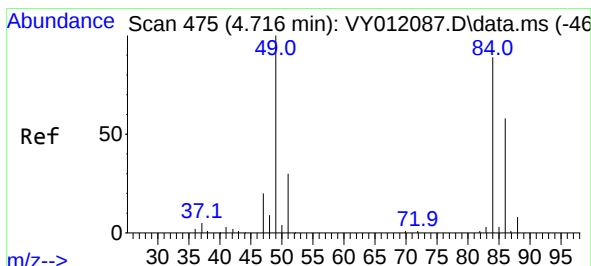
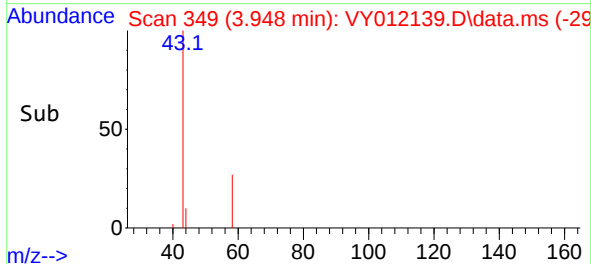
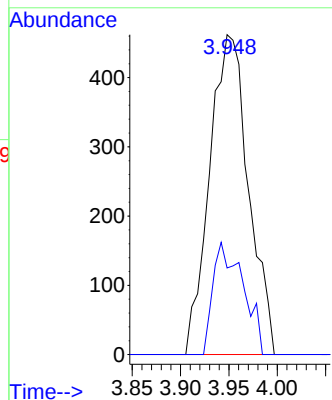
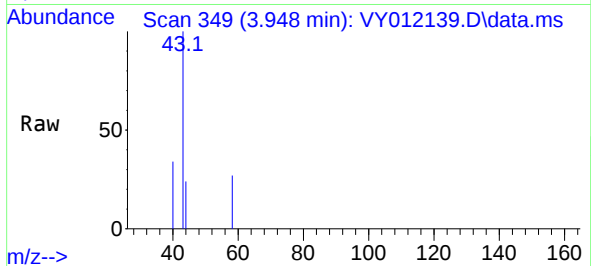




#16
Acetone
Concen: 12.378 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

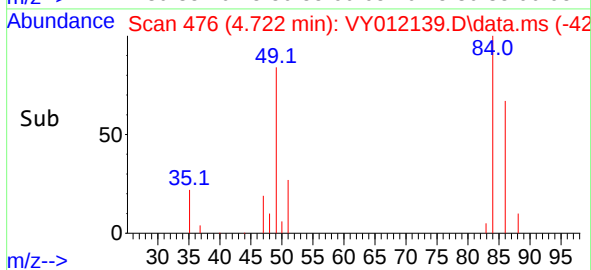
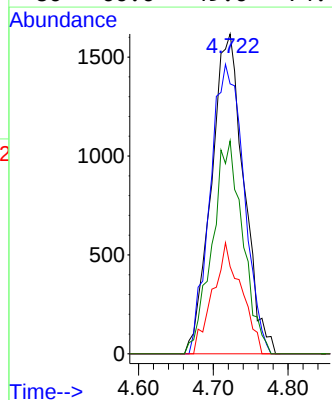
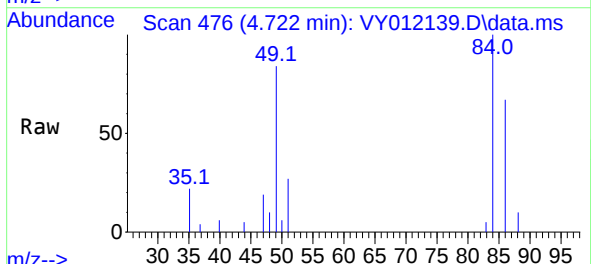
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923

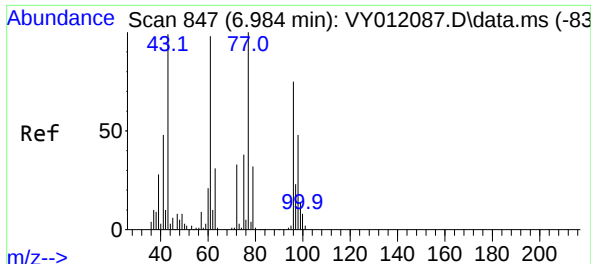
Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 27.1 27.9 41.9#



#20
Methylene Chloride
Concen: 5.839 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 84 Resp: 4883
Ion Ratio Lower Upper
84 100
49 84.4 95.4 143.2#
51 27.3 29.9 44.9#
86 66.6 49.6 74.4





#25

2-Butanone

Concen: 2.788 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012139.D

Acq: 10 Jan 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

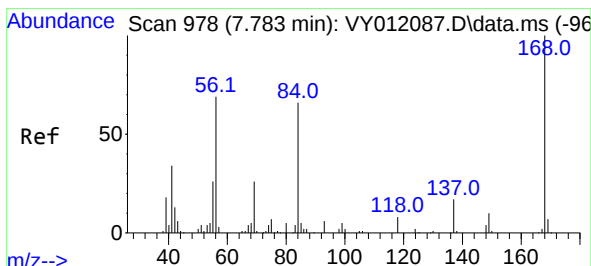
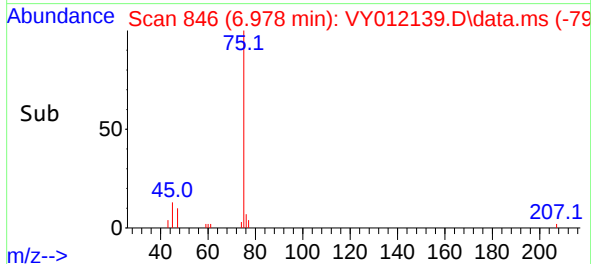
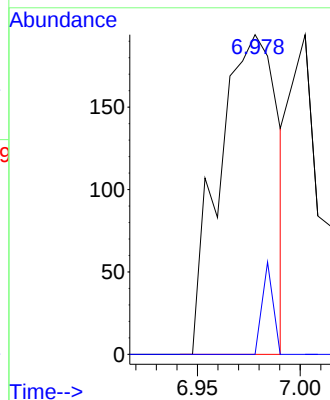
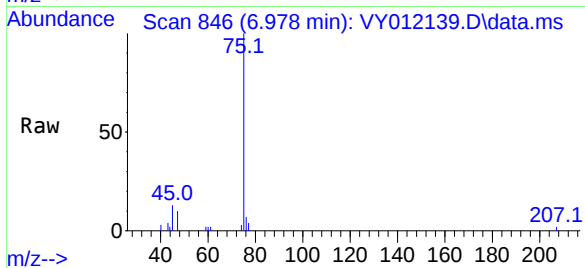
PL-1-010923

Tgt Ion: 43 Resp: 384

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012139.D

Acq: 10 Jan 2023 14:09

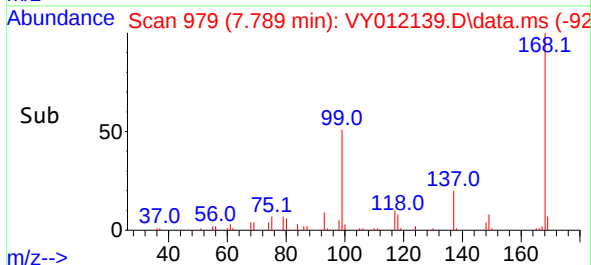
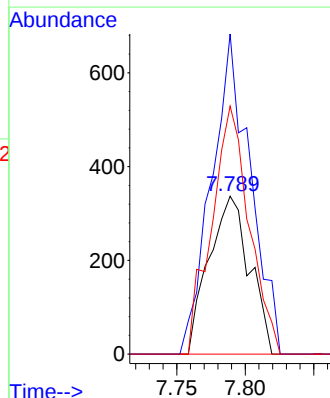
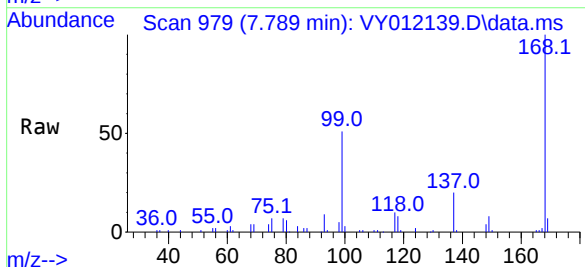
Tgt Ion: 56 Resp: 697

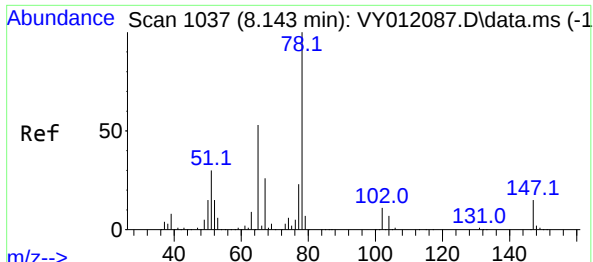
Ion Ratio Lower Upper

56 100

69 202.7 29.2 43.8#

84 157.0 72.6 108.8#

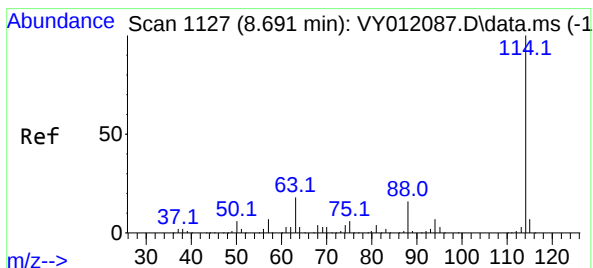
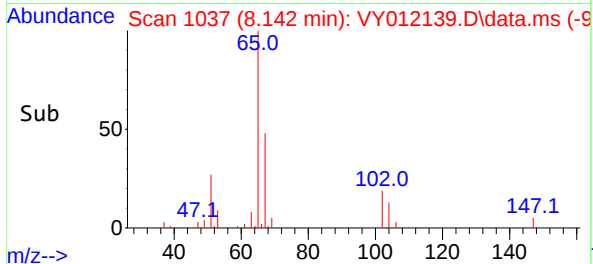
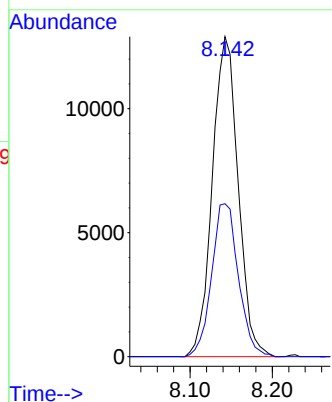
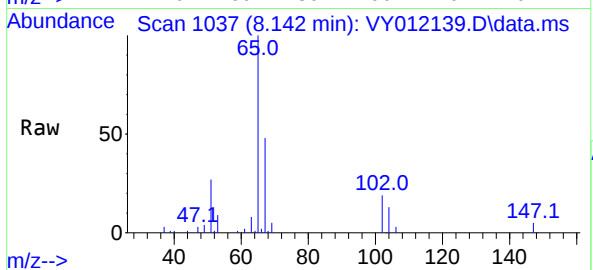




#33
1,2-Dichloroethane-d4
Concen: 63.400 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

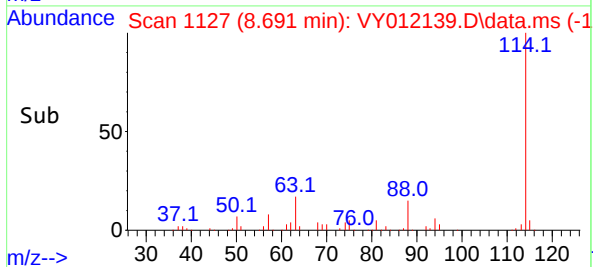
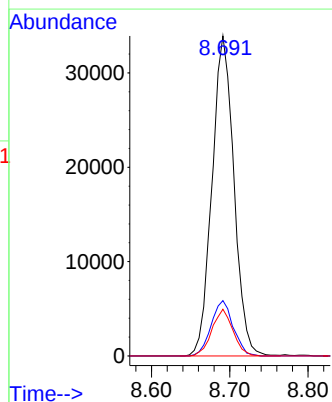
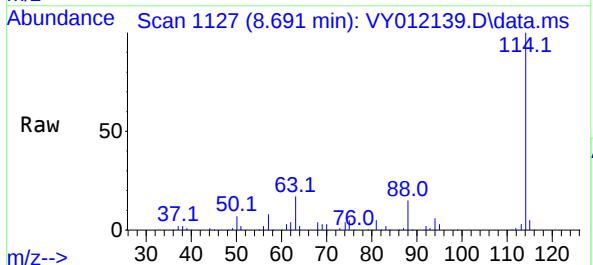
Instrument :
MSVOA_Y
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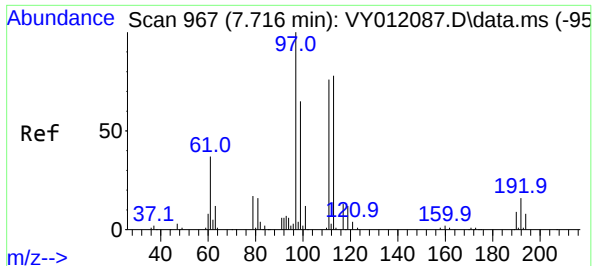
Tgt Ion: 65 Resp: 28132
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 114 Resp: 65982
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 14.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.252 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY012139.D

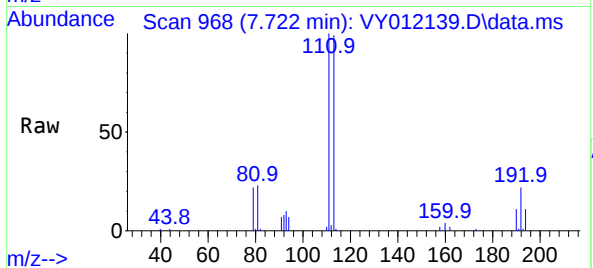
Acq: 10 Jan 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

PL-1-010923



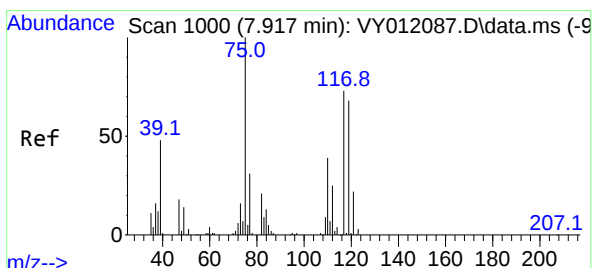
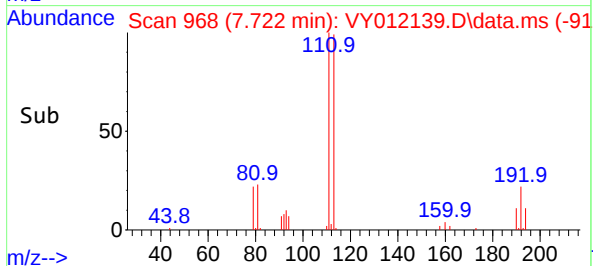
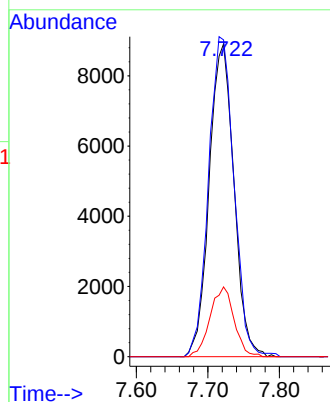
Tgt Ion:113 Resp: 21360

Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.4

192 21.7 16.0 24.0



#36

1,1-Dichloropropene

Concen: 3.871 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY012139.D

Acq: 10 Jan 2023 14:09

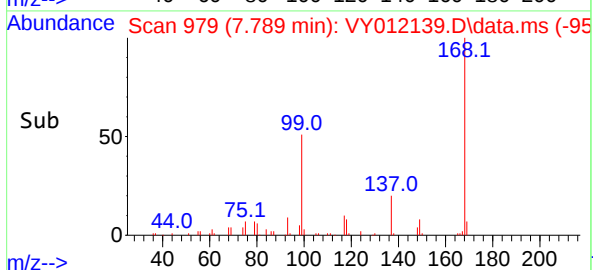
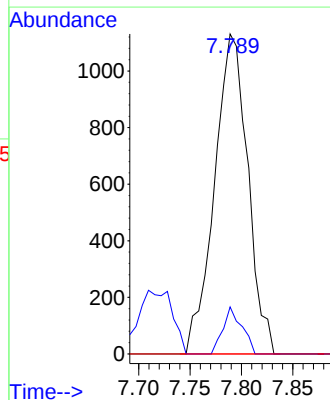
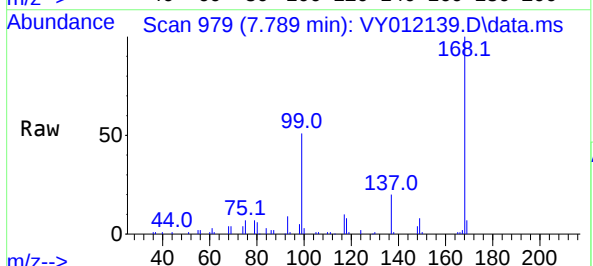
Tgt Ion: 75 Resp: 2547

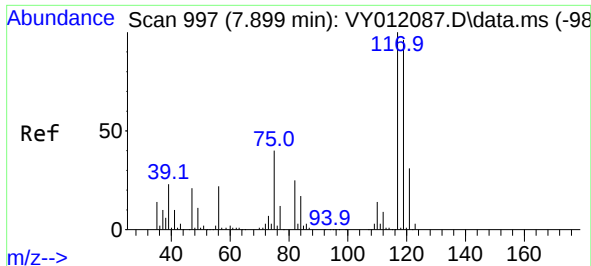
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.1#

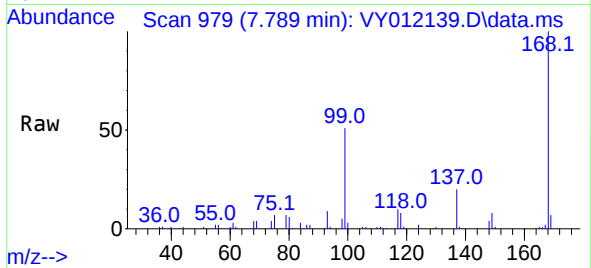
77 0.0 25.1 37.7#



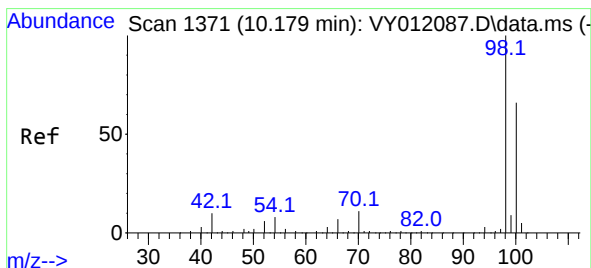
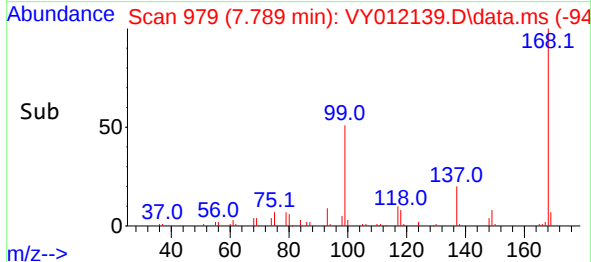
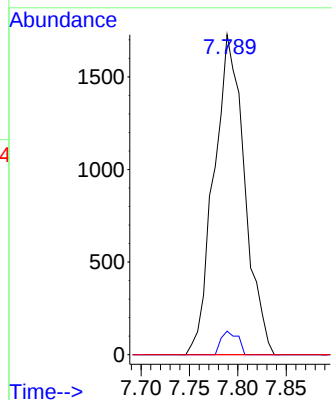


#38
Carbon Tetrachloride
Concen: 4.569 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923

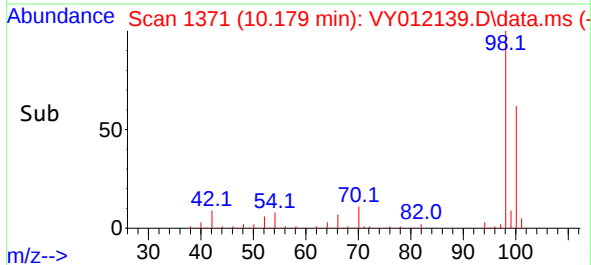
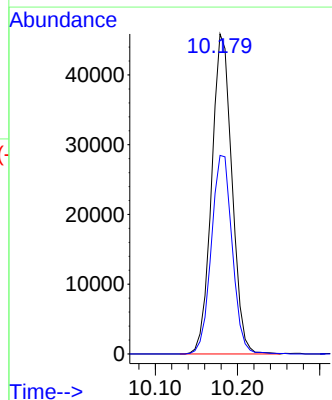
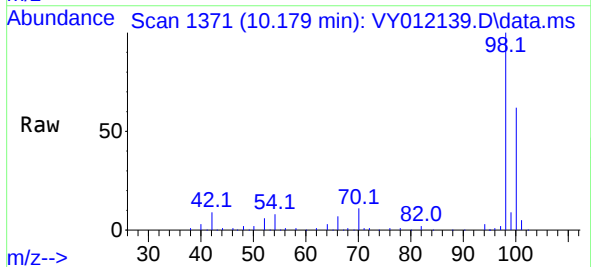


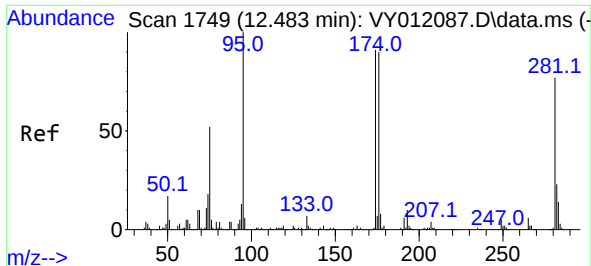
Tgt Ion:117 Resp: 3816
Ion Ratio Lower Upper
117 100
119 7.3 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 45.960 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 98 Resp: 78674
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

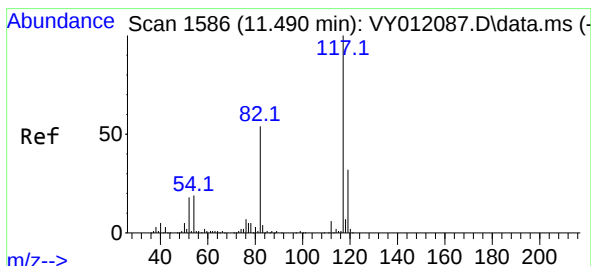
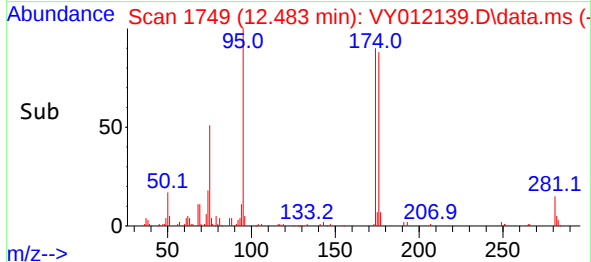
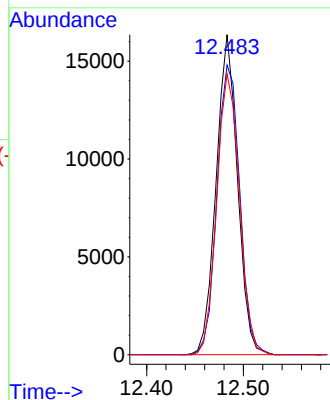
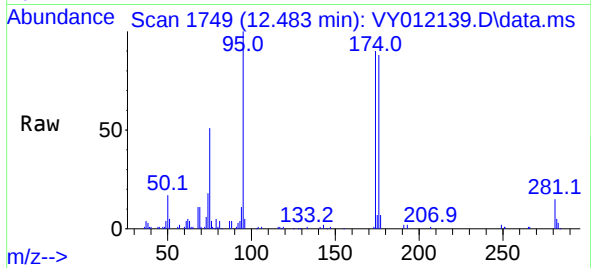




#62
4-Bromofluorobenzene
Concen: 41.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

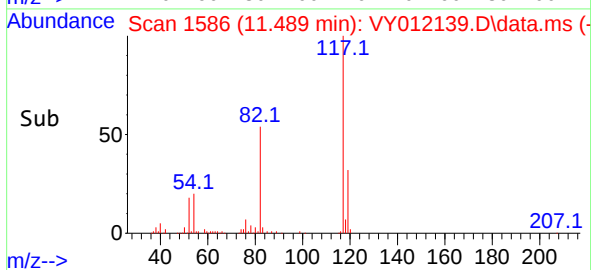
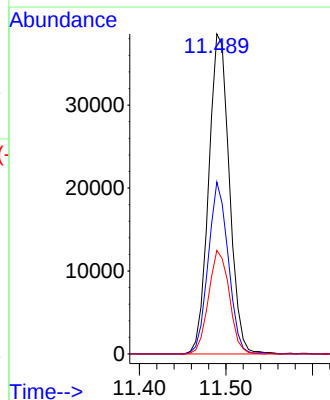
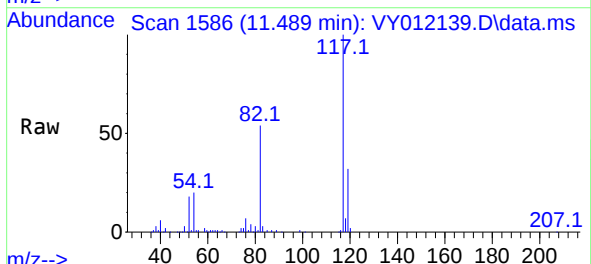
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923

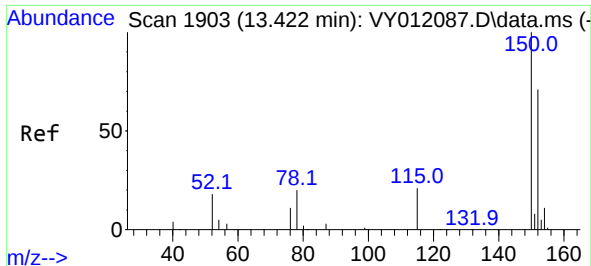
Tgt Ion:	95	Resp:	25105
Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	172.0
176	92.7	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion:	117	Resp:	63951
Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.8	67.2
119	32.3	25.4	38.2

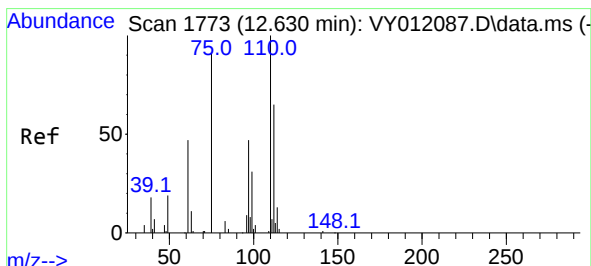
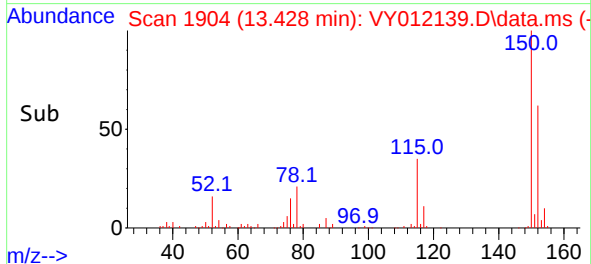
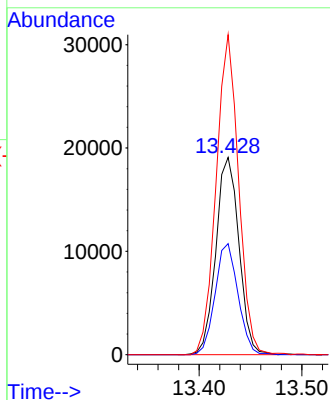
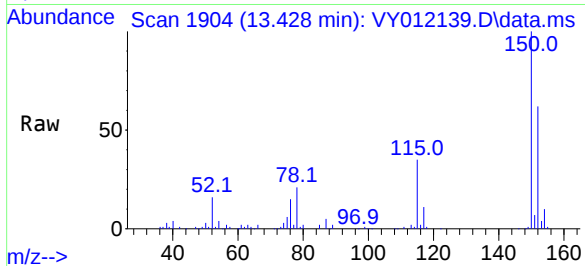




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

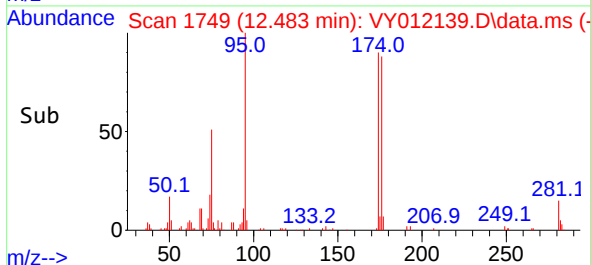
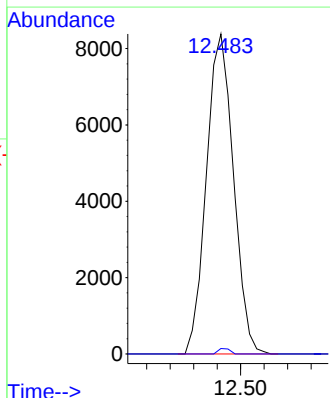
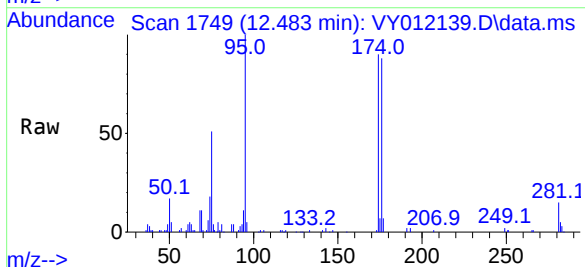
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923

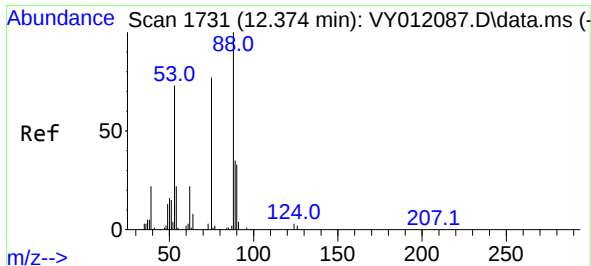
Tgt Ion:152 Resp: 29744
Ion Ratio Lower Upper
152 100
115 56.0 29.1 87.3
150 157.7 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 39.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 75 Resp: 13418
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.744 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012139.D
 Acq: 10 Jan 2023 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-1-010923

Tgt Ion: 75 Resp: 13418
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

