

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012856.D
 Acq On : 07 Mar 2023 19:39
 Operator : KP/MD
 Sample : 01817-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-04-03032023RE

Quant Time: Mar 07 23:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

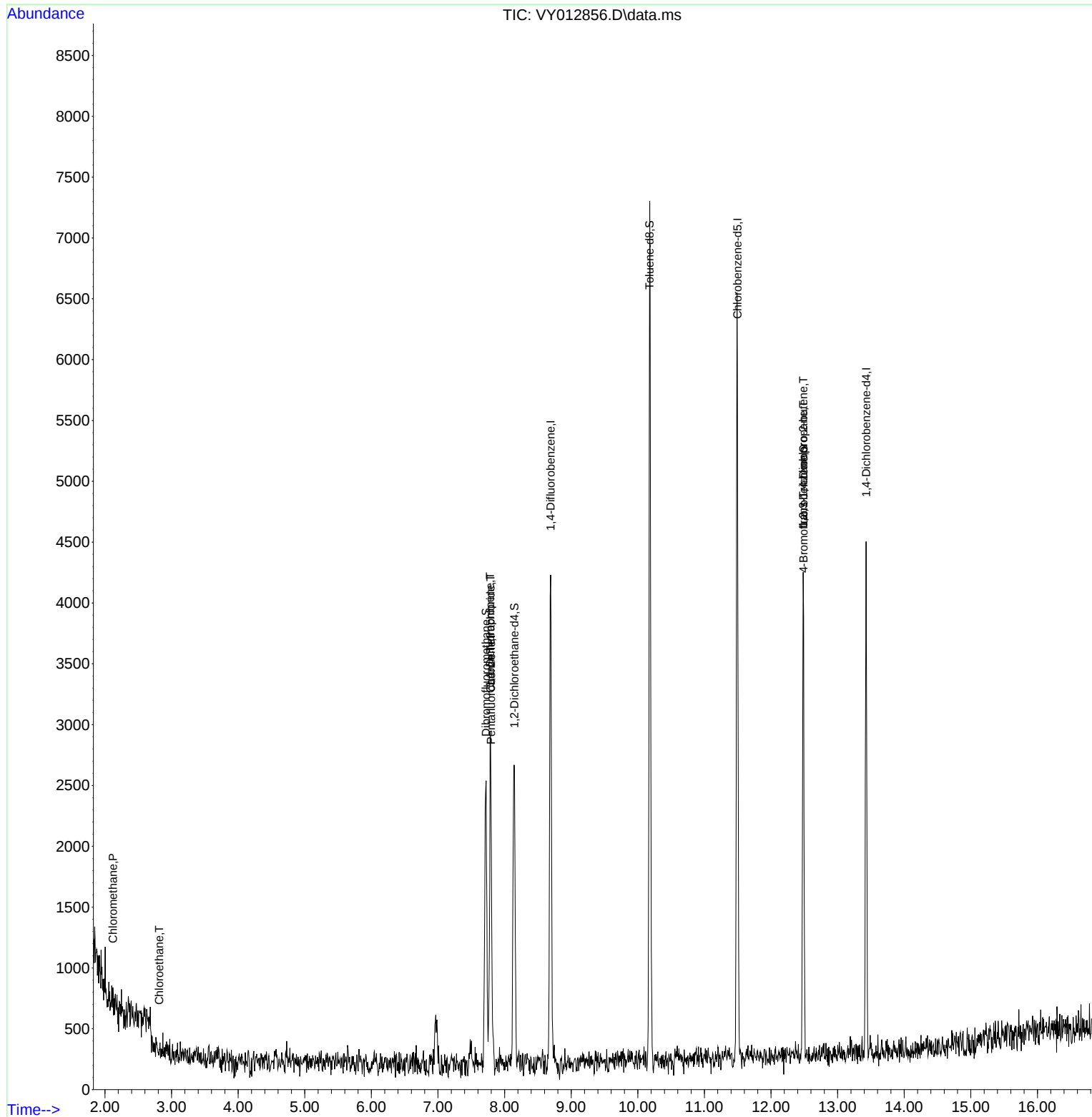
Internal Standards						
1) Pentafluorobenzene	7.795	168	2705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3687	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2238	83.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.660%#	
35) Dibromofluoromethane	7.722	113	1697	70.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.100%	
50) Toluene-d8	10.179	98	4839	54.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.489	95	1239	41.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	174	5.459	ug/l #	42
6) Chloroethane	2.814	64	64	3.656	ug/l #	43
20) Methylene Chloride	4.729	84	82	Below Cal	#	44
36) 1,1-Dichloropropene	7.783	75	106	2.611	ug/l #	41
38) Carbon Tetrachloride	7.789	117	189	4.509	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	694	49.209	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	694	101.963	ug/l #	13

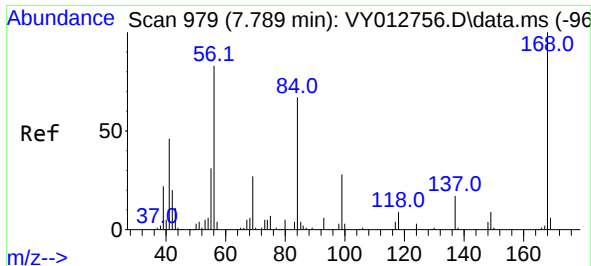
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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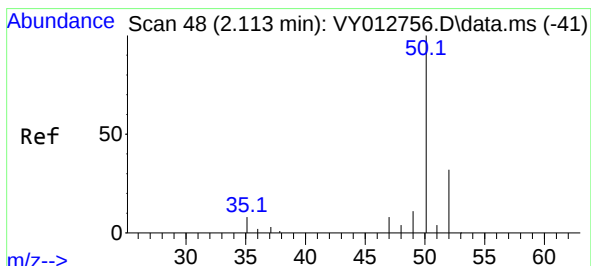
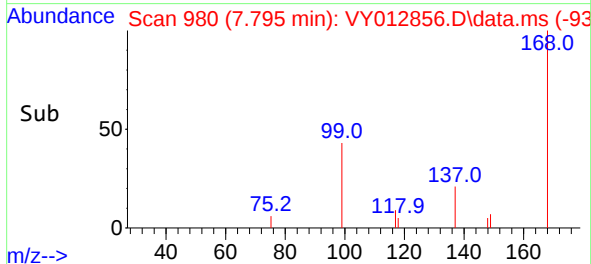
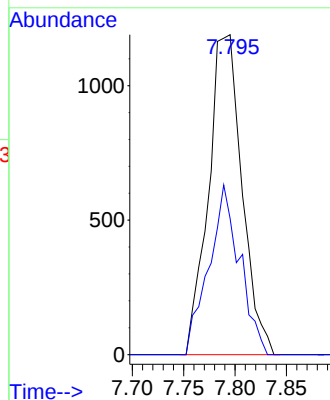
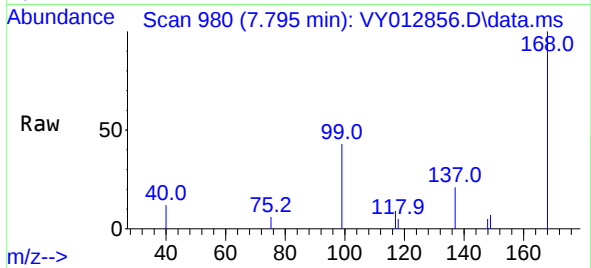




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

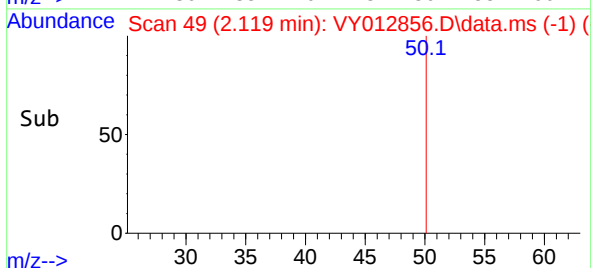
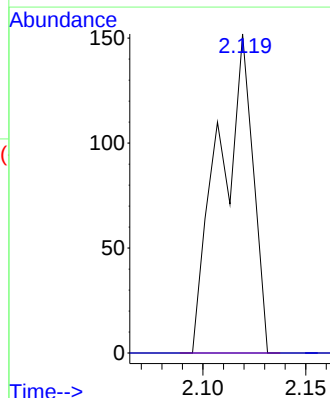
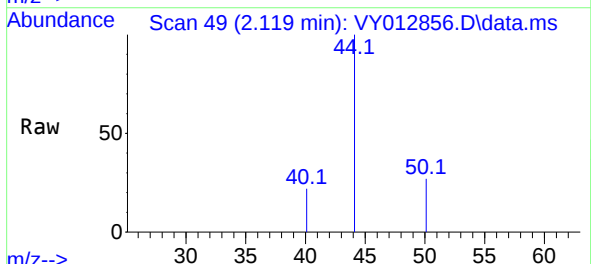
Instrument :
MSVOA_Y
ClientSampleId :
PL-04-03032023RE

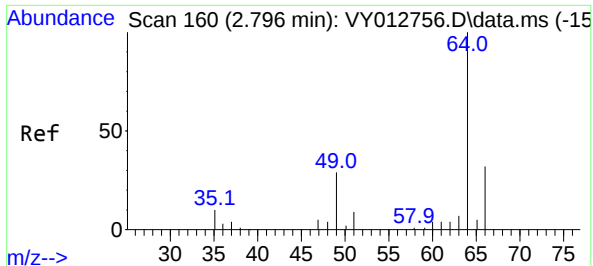
Tgt Ion:168 Resp: 2705
Ion Ratio Lower Upper
168 100
99 42.5 41.7 62.5



#3
Chloromethane
Concen: 5.459 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

Tgt Ion: 50 Resp: 174
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

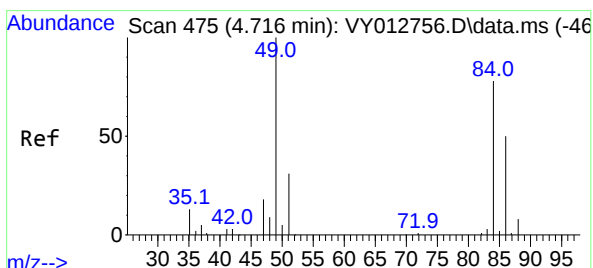
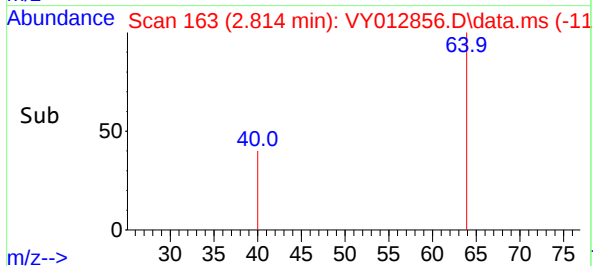
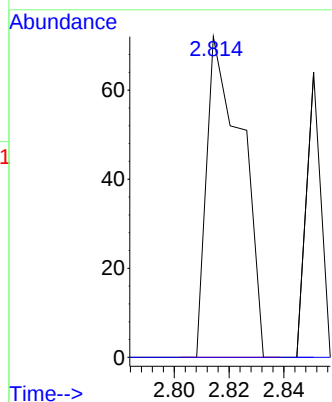
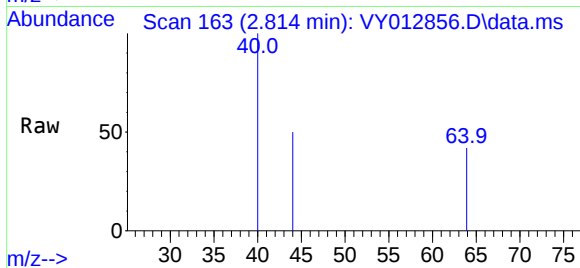




#6
Chloroethane
Concen: 3.656 ug/l
RT: 2.814 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

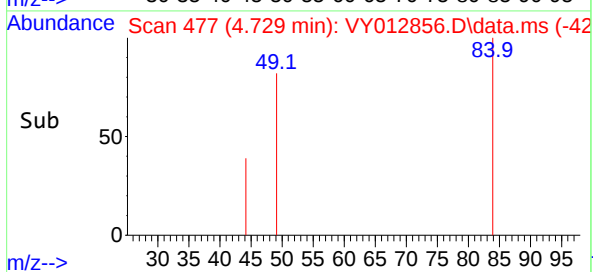
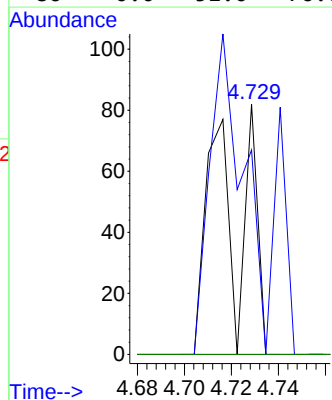
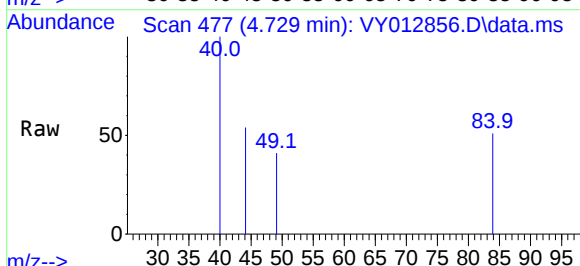
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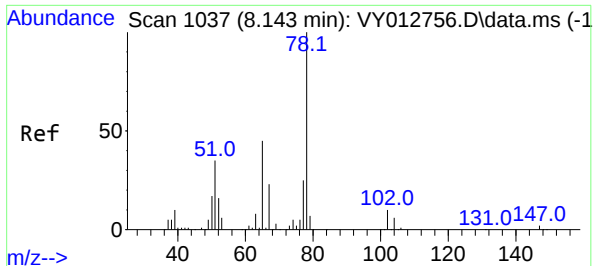
Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

Tgt Ion: 84 Resp: 82
Ion Ratio Lower Upper
84 100
49 81.7 102.6 154.0#
51 0.0 31.9 47.9#
86 0.0 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 83.330 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY012856.D

Acq: 07 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

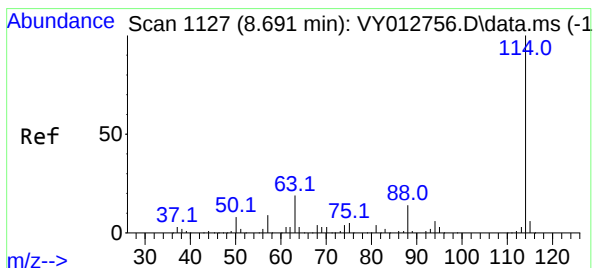
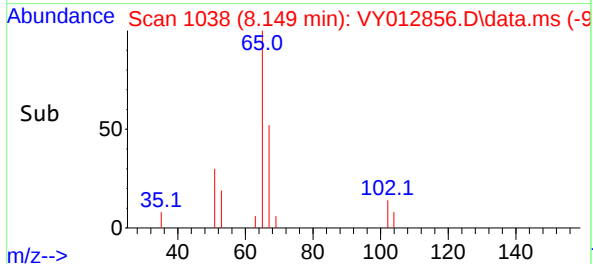
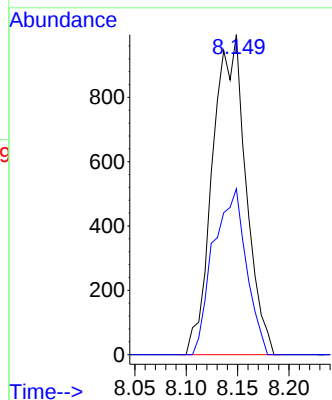
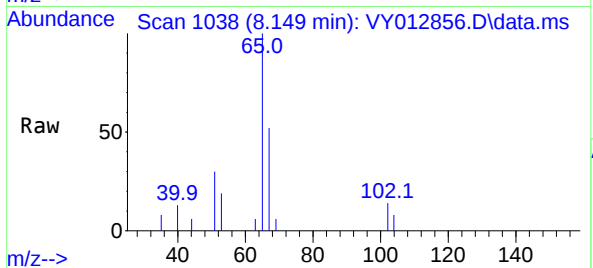
PL-04-03032023RE

Tgt Ion: 65 Resp: 2238

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012856.D

Acq: 07 Mar 2023 19:39

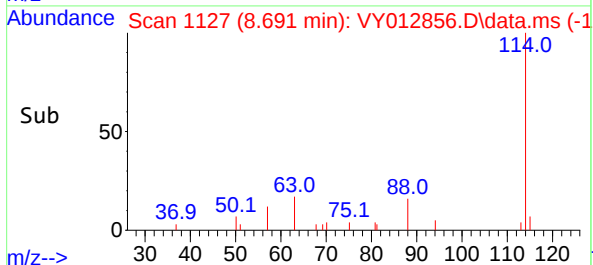
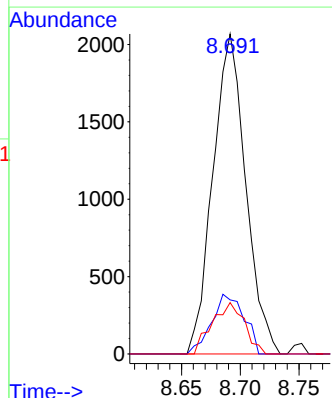
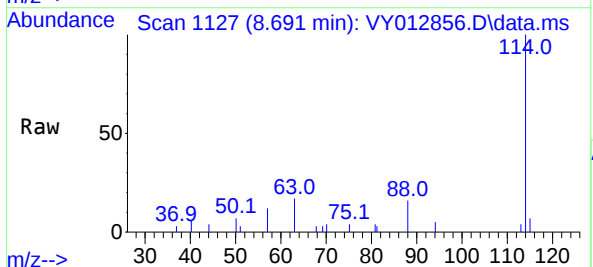
Tgt Ion: 114 Resp: 4014

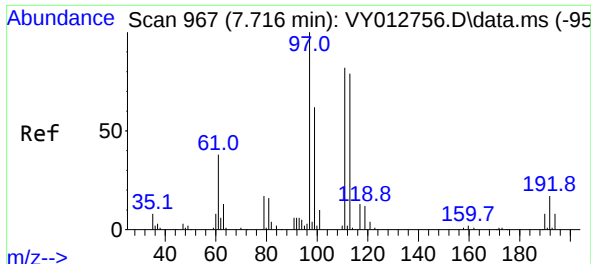
Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.4

88 16.1 0.0 28.6

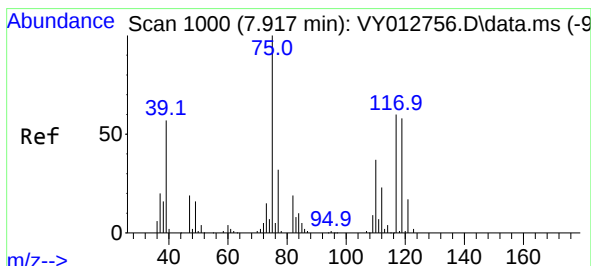
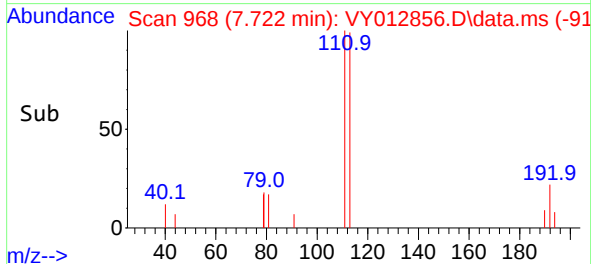
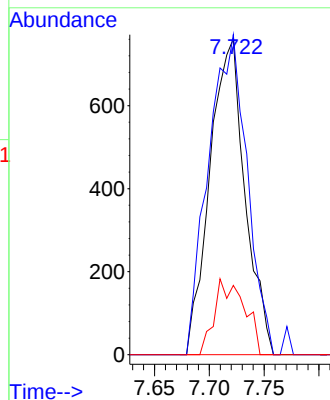
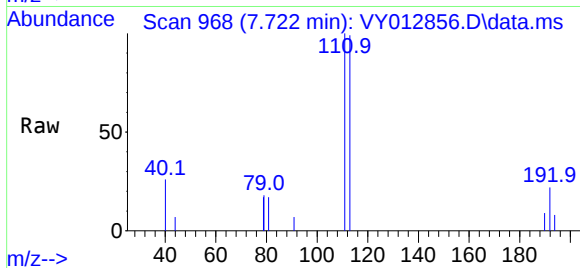




#35
Dibromofluoromethane
Concen: 70.053 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

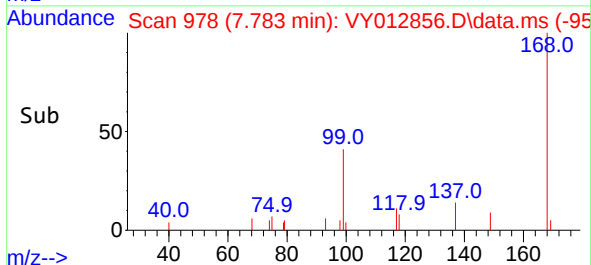
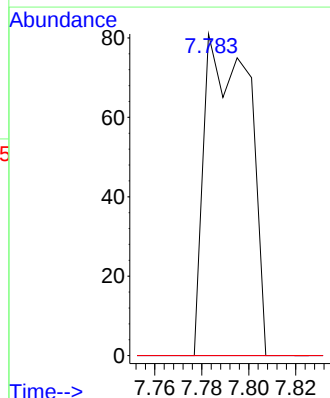
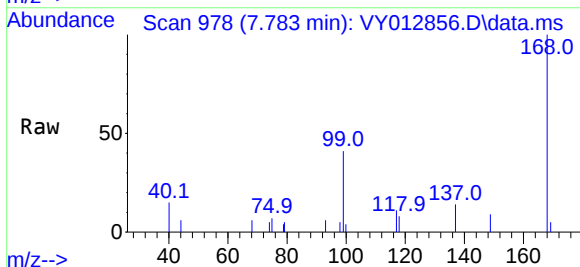
Instrument :
MSVOA_Y
ClientSampleId :
PL-04-03032023RE

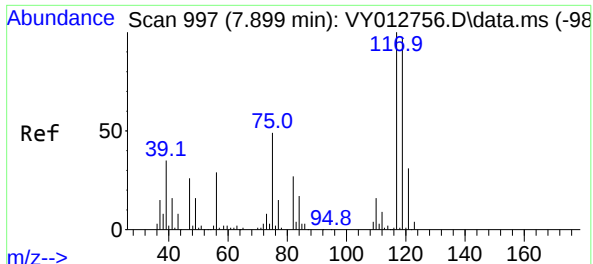
Tgt Ion:113 Resp: 1697
Ion Ratio Lower Upper
113 100
111 111.6 82.2 123.2
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.611 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

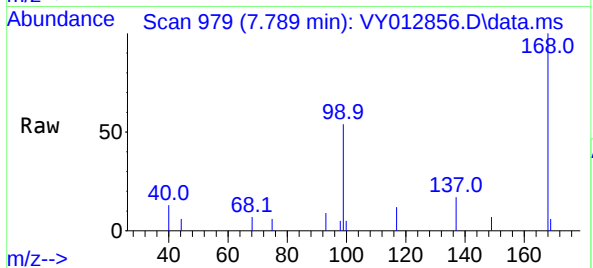
Tgt Ion: 75 Resp: 106
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#



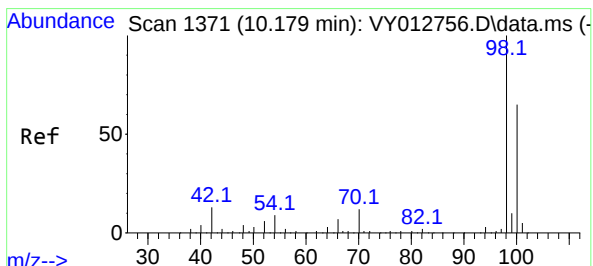
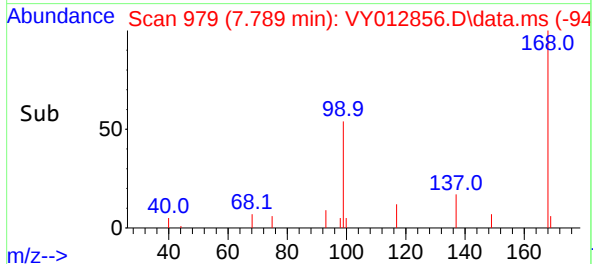
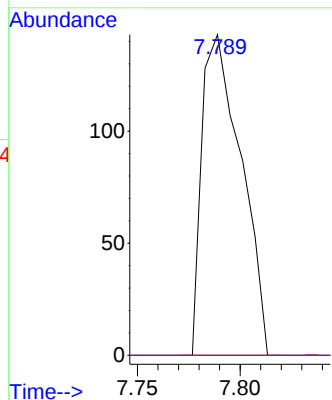


#38
Carbon Tetrachloride
Concen: 4.509 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

Instrument :
MSVOA_Y
ClientSampleId :
PL-04-03032023RE

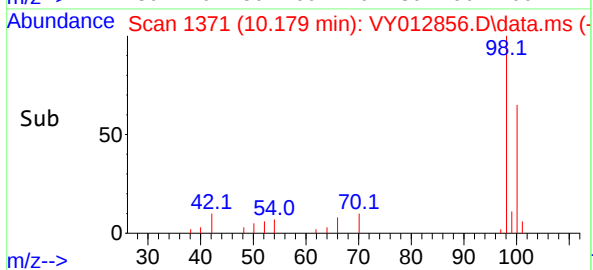
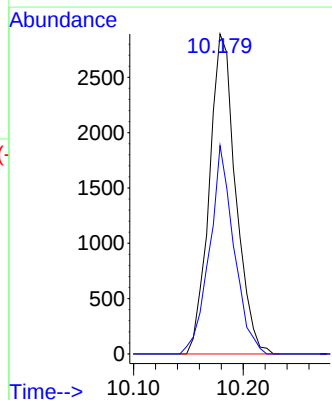
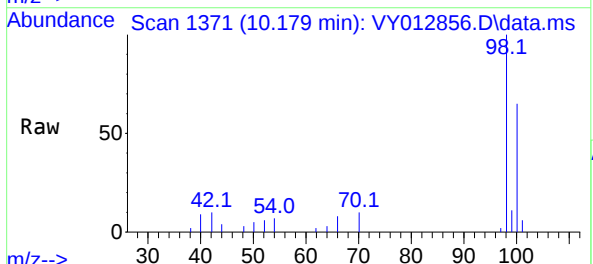


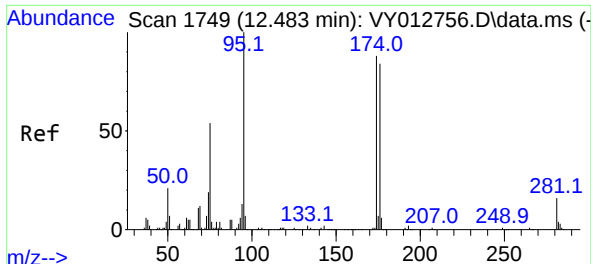
Tgt Ion:117 Resp: 189
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.641 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

Tgt Ion: 98 Resp: 4839
Ion Ratio Lower Upper
98 100
100 60.3 50.9 76.3

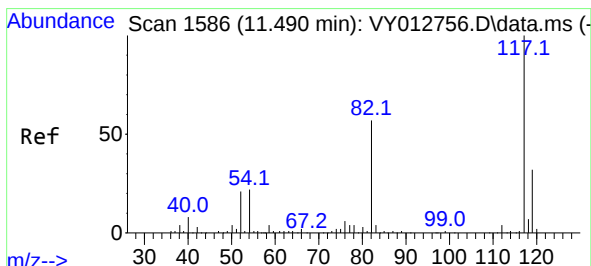
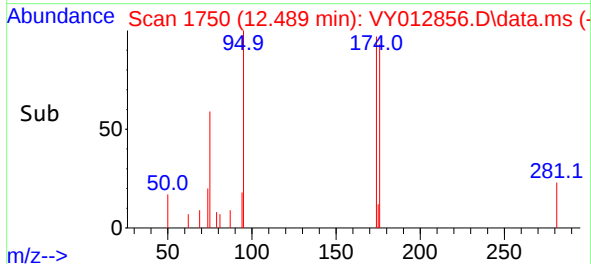
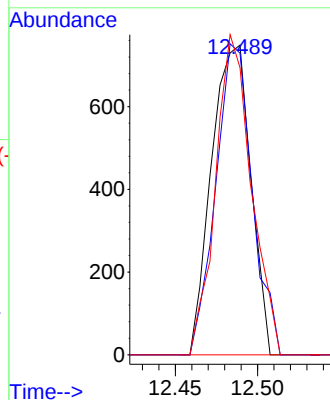
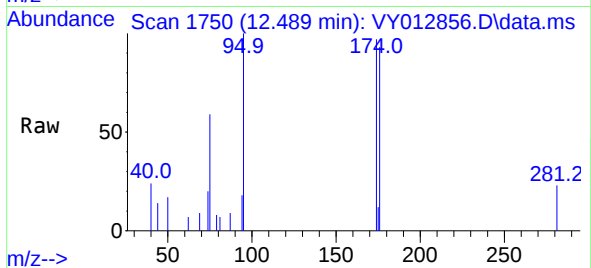




#62
4-Bromofluorobenzene
Concen: 41.450 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

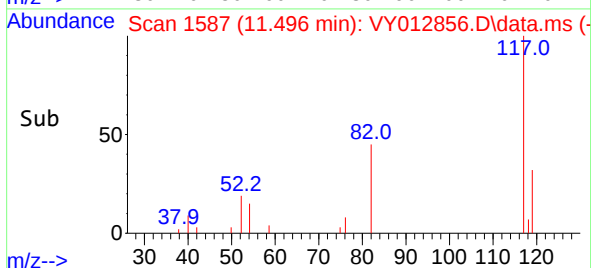
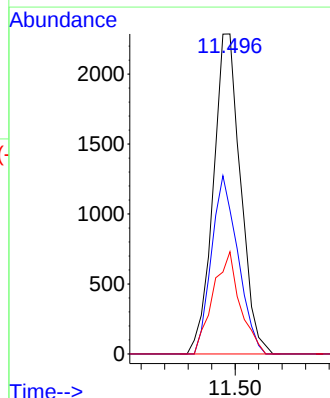
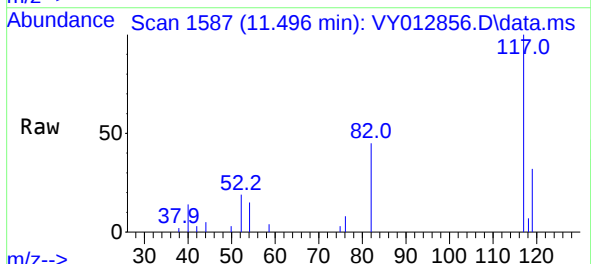
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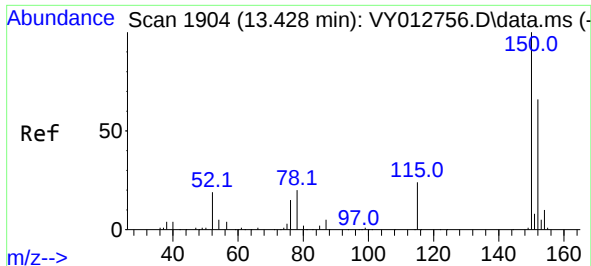
Tgt Ion:	95	Resp:	1239
Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	176.6
176	94.7	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

Tgt Ion:	117	Resp:	3687
Ion	Ratio	Lower	Upper
117	100		
82	44.9	45.4	68.0#
119	31.9	25.6	38.4

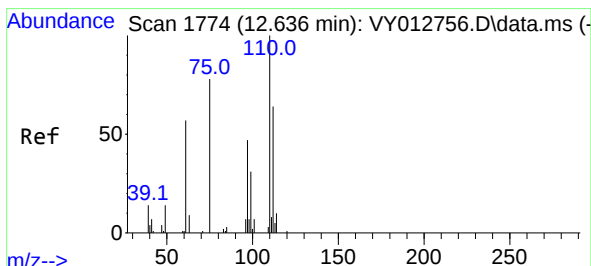
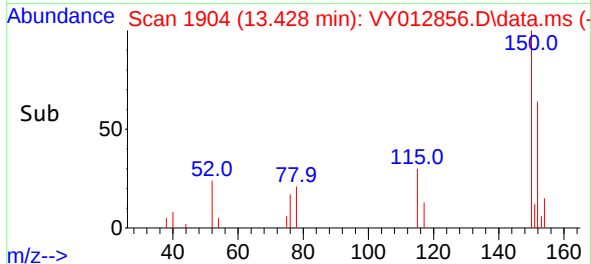
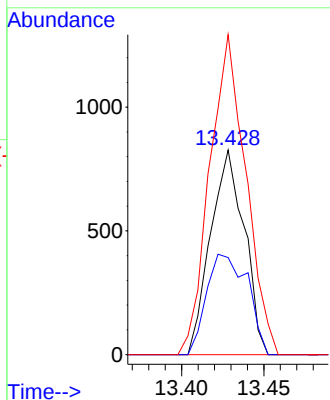
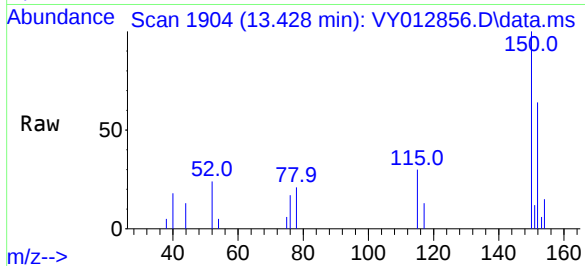




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

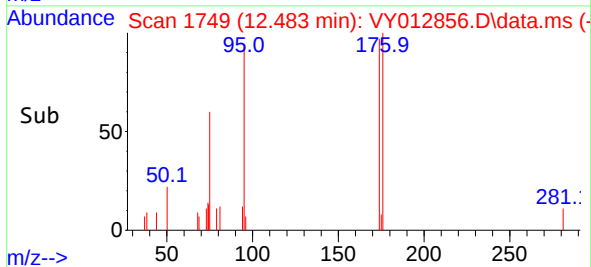
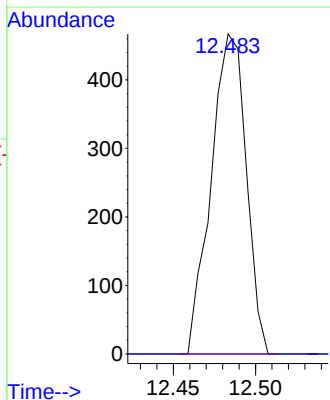
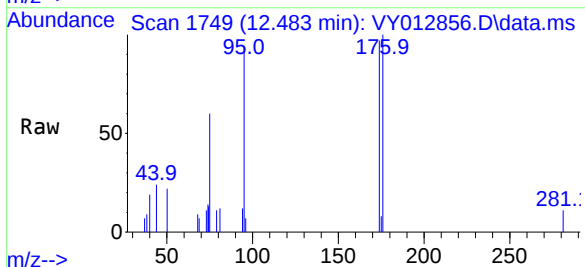
Instrument :
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PL-04-03032023RE

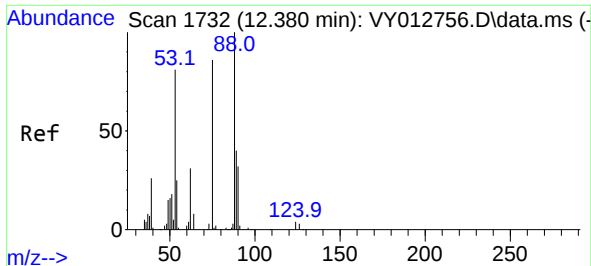
Tgt Ion:152 Resp: 1181
Ion Ratio Lower Upper
152 100
115 59.5 27.1 81.3
150 167.9 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 49.209 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

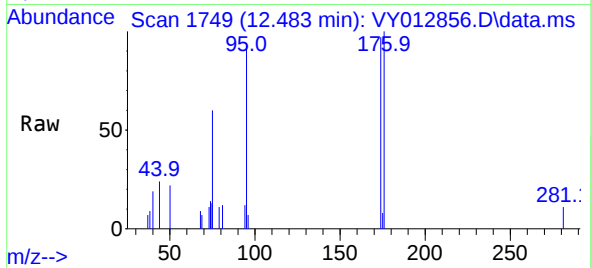
Tgt Ion: 75 Resp: 694
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.963 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012856.D
 Acq: 07 Mar 2023 19:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-04-03032023RE



Tgt Ion: 75 Resp: 694
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

