

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012144.D
 Acq On : 10 Jan 2023 16:13
 Operator : KP/MD
 Sample : 01089-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 03:09:58 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)

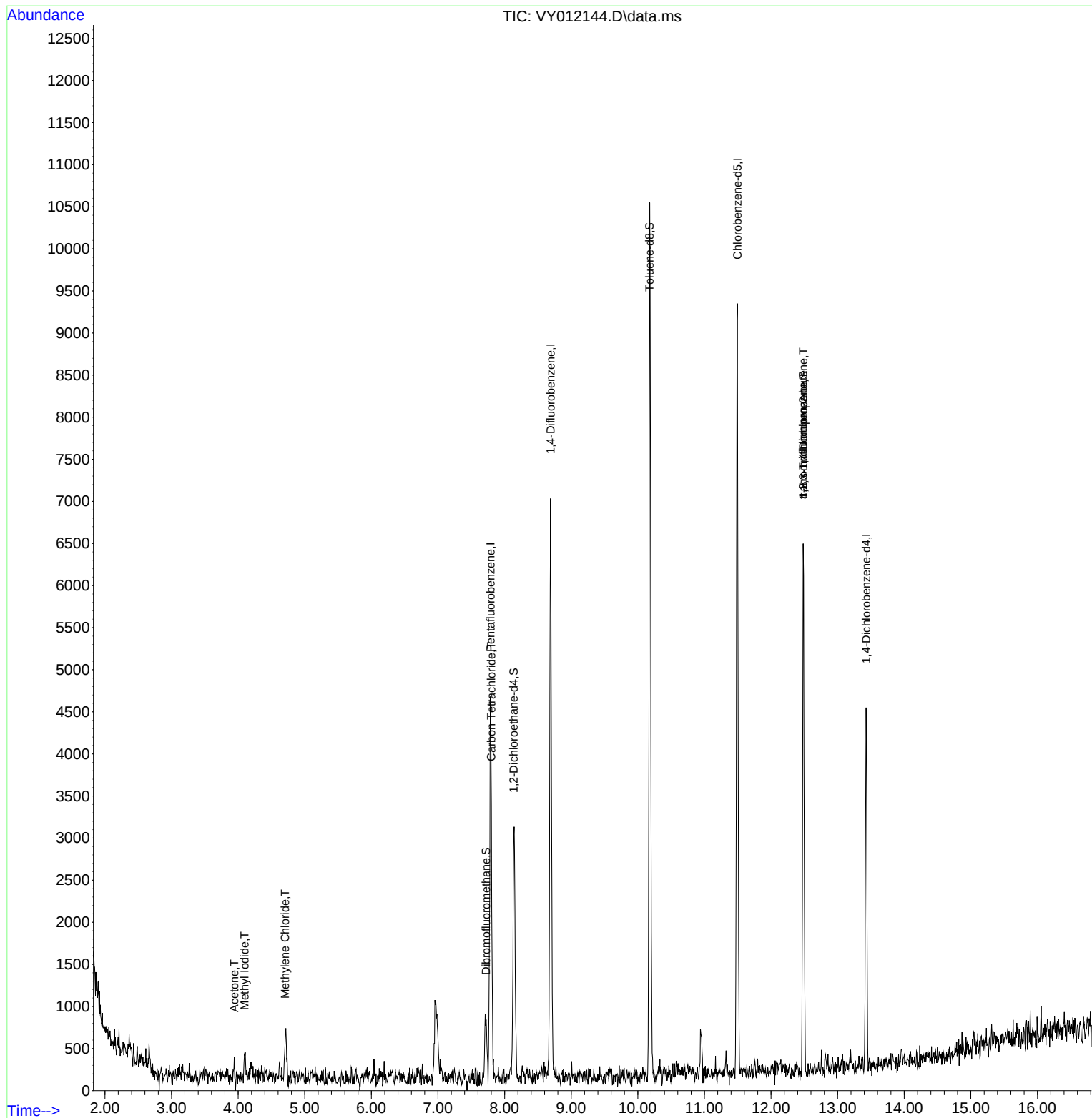
Internal Standards						
1) Pentafluorobenzene	7.789	168	3976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2587	57.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.722	113	798	18.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.860%#
50) Toluene-d8	10.179	98	7269	43.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.360%
62) 4-Bromofluorobenzene	12.483	95	1861	31.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	44	Below Cal	#	41
10) Methyl Iodide	4.094	142	149	2.773	ug/l #	58
16) Acetone	3.942	43	72	6.851	ug/l #	40
20) Methylene Chloride	4.704	84	365	2.606	ug/l #	57
38) Carbon Tetrachloride	7.801	117	324	3.991	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	950	56.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	950	125.700	ug/l #	13

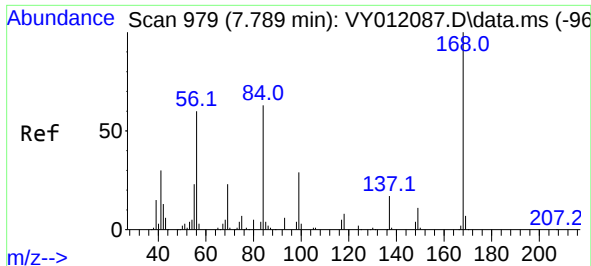
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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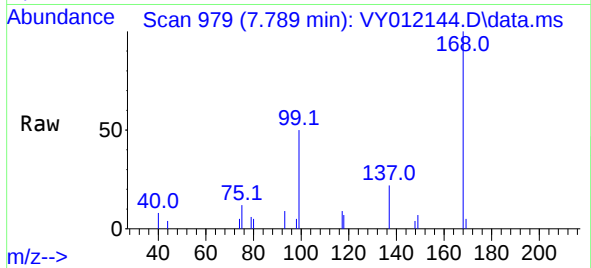
Quant Time: Jan 11 03:09:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration



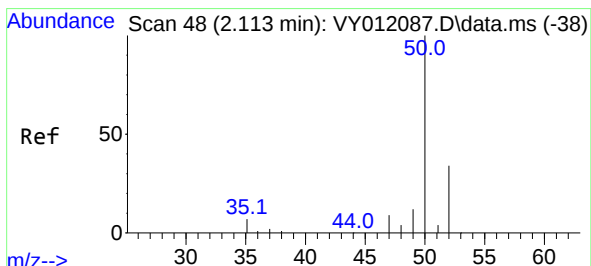
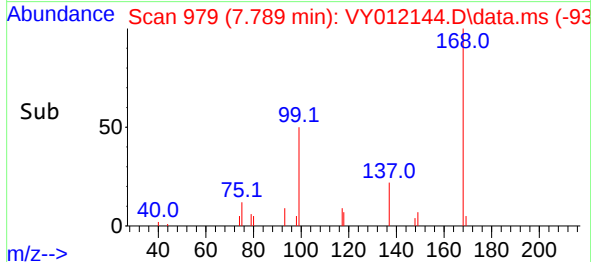
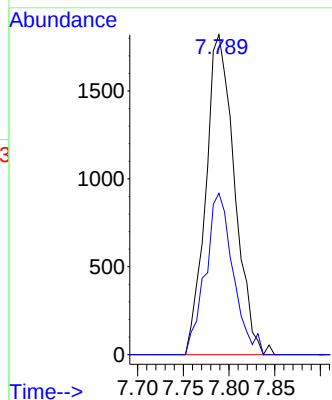


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :

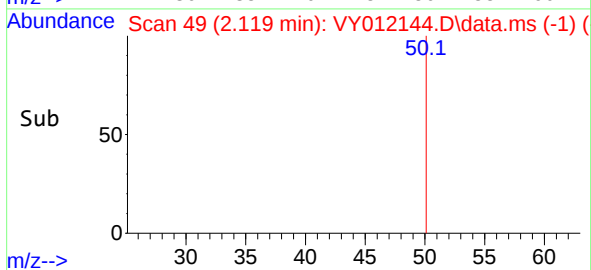
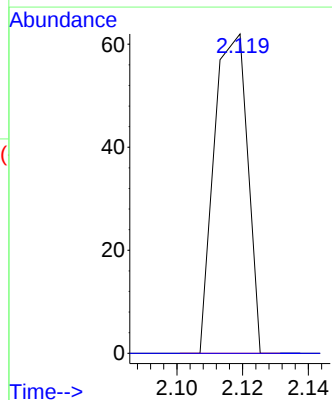
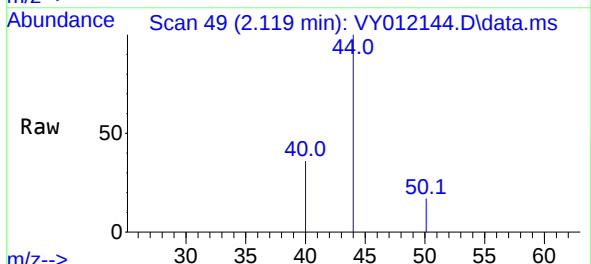


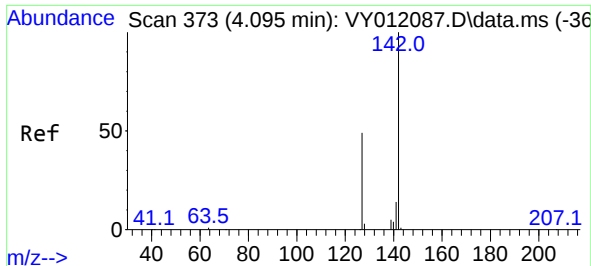
Tgt Ion:168 Resp: 3976
Ion Ratio Lower Upper
168 100
99 50.4 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

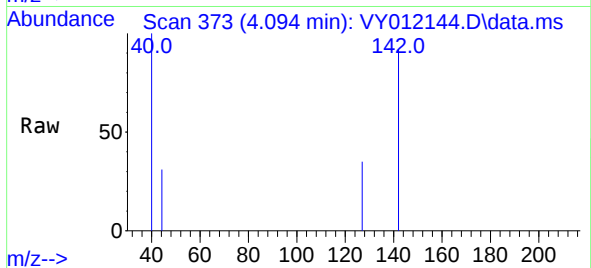
Tgt Ion: 50 Resp: 44
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



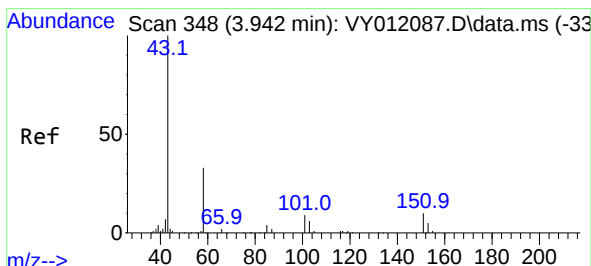
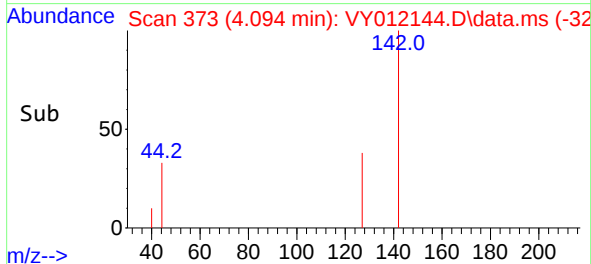
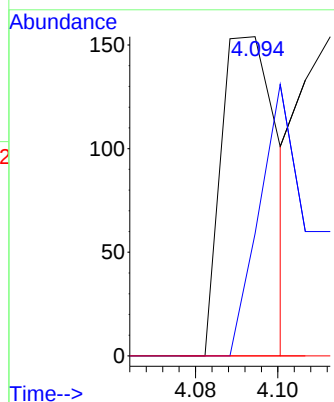


#10
Methyl Iodide
Concen: 2.773 ug/l
RT: 4.094 min Scan# 31
Delta R.T. -0.001 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :

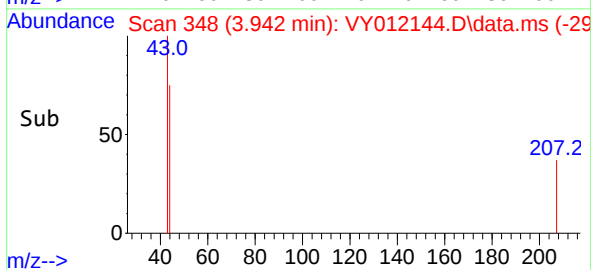
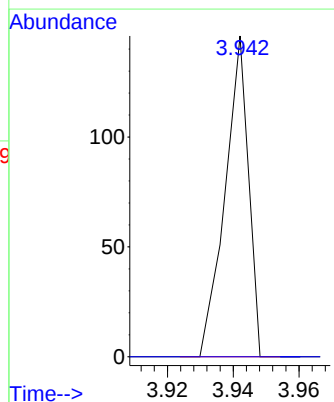
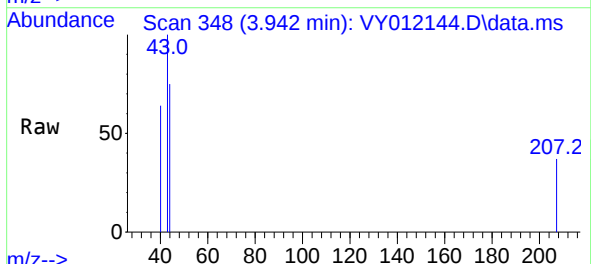


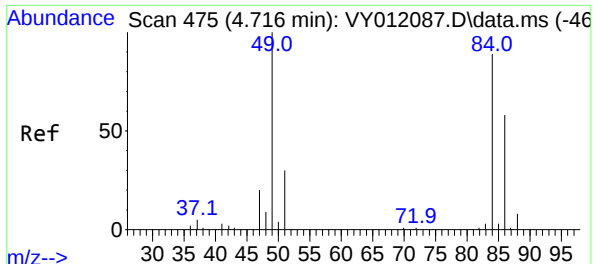
Tgt Ion:142 Resp: 149
Ion Ratio Lower Upper
142 100
127 75.8 37.0 55.4#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 6.851 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

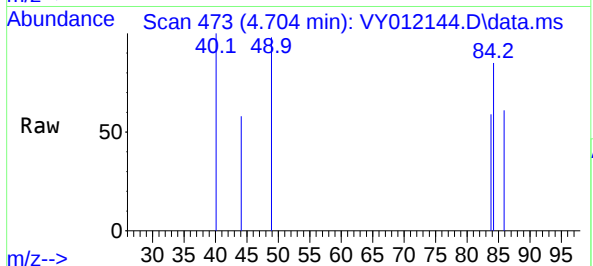
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#





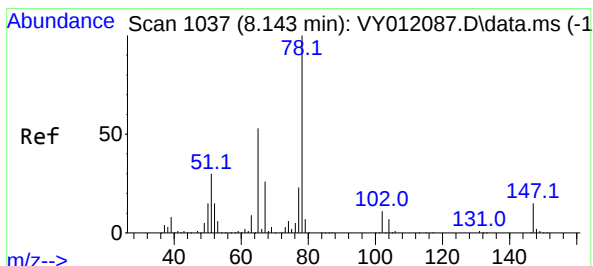
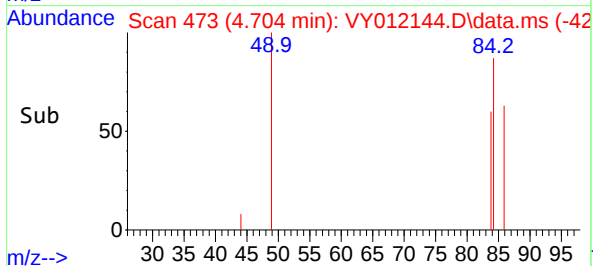
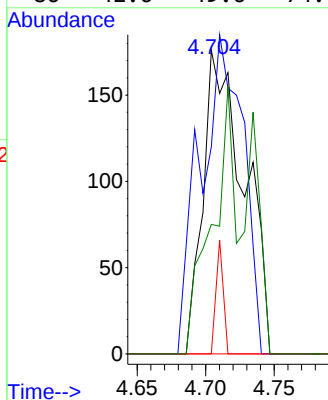
#20
Methylene Chloride
Concen: 2.606 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 365

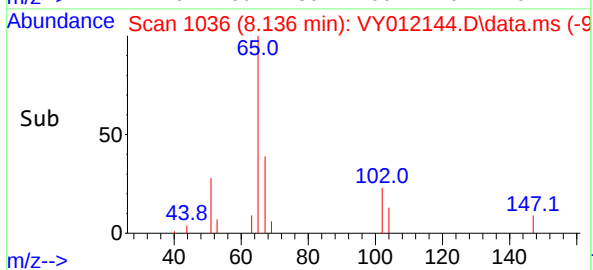
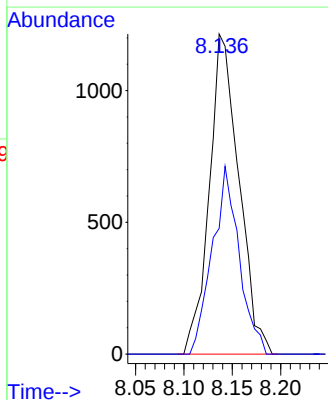
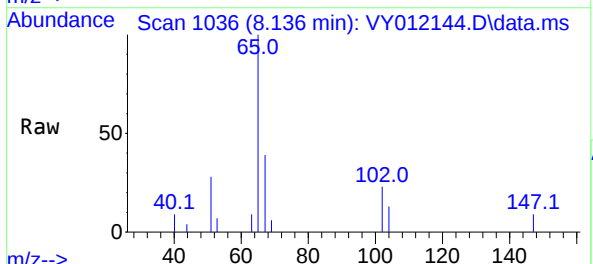
Ion	Ratio	Lower	Upper
84	100		
49	68.2	95.4	143.2#
51	0.0	29.9	44.9#
86	42.6	49.6	74.4#

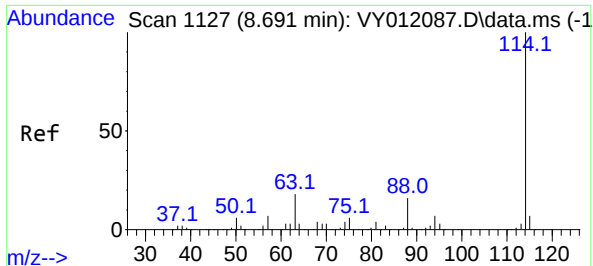


#33
1,2-Dichloroethane-d4
Concen: 57.905 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 65 Resp: 2587

Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VY012144.D

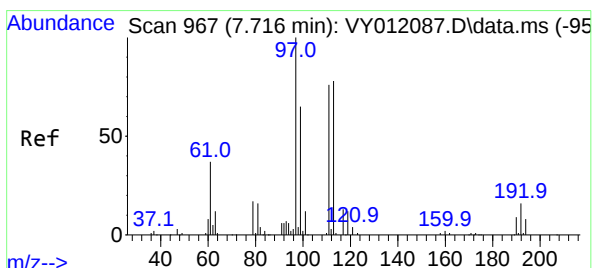
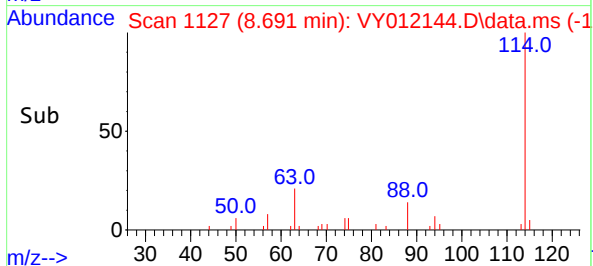
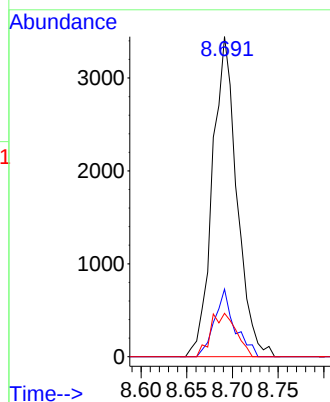
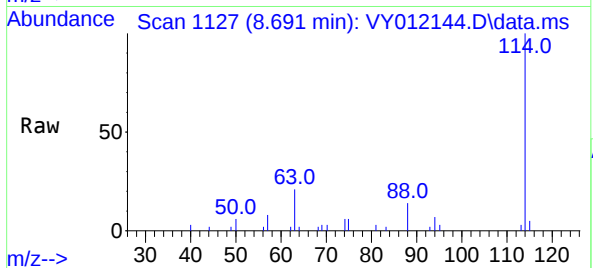
Acq: 10 Jan 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	6414
Ion	Ratio	Lower Upper
114	100	
63	21.1	0.0 39.6
88	13.6	0.0 32.2



#35

Dibromofluoromethane

Concen: 18.929 ug/l

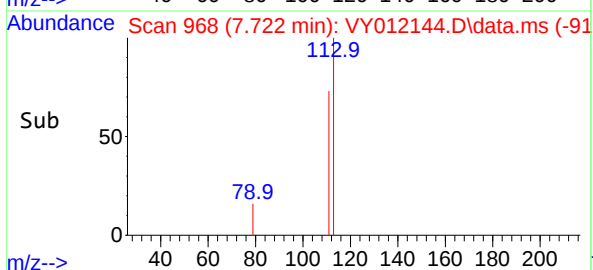
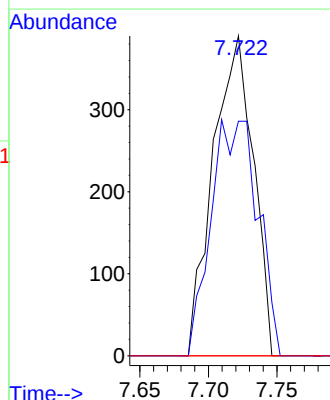
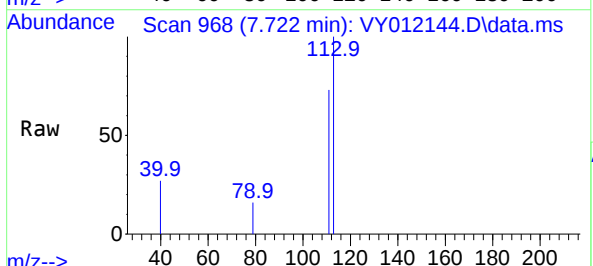
RT: 7.722 min Scan# 968

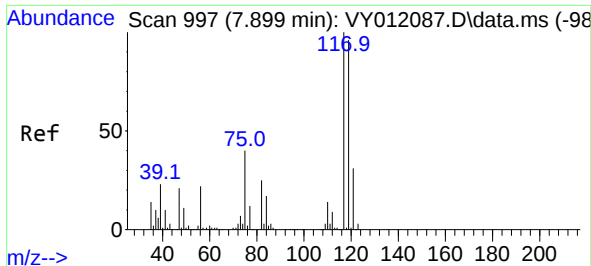
Delta R.T. 0.006 min

Lab File: VY012144.D

Acq: 10 Jan 2023 16:13

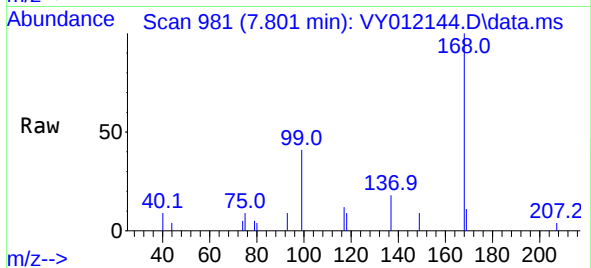
Tgt Ion:113	Resp:	798
Ion	Ratio	Lower Upper
113	100	
111	85.8	83.0 124.4
192	0.0	16.0 24.0#



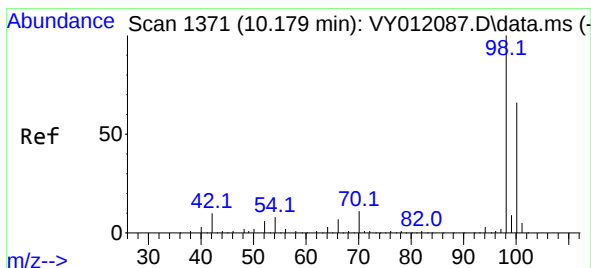
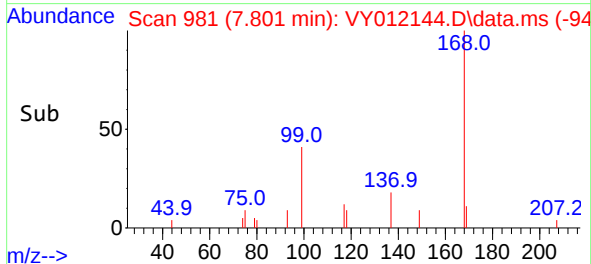
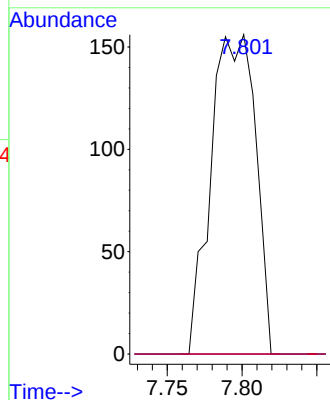


#38
Carbon Tetrachloride
Concen: 3.991 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :

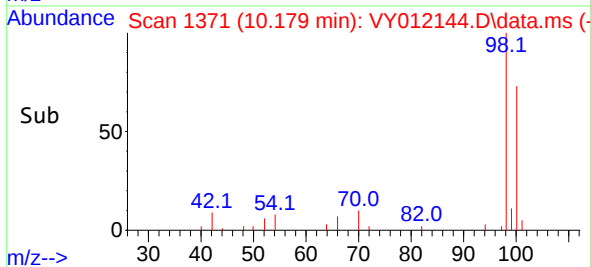
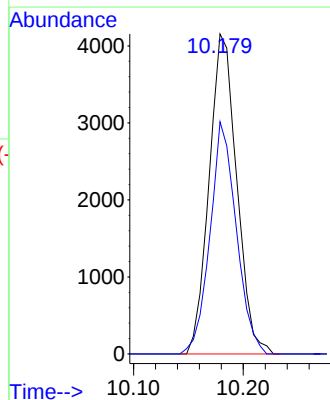
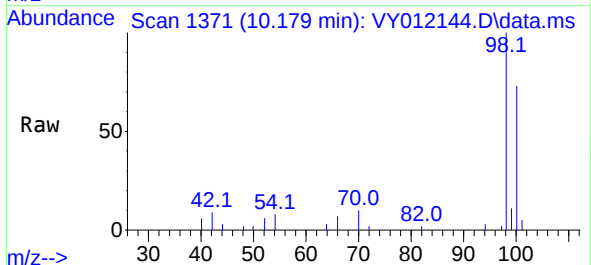


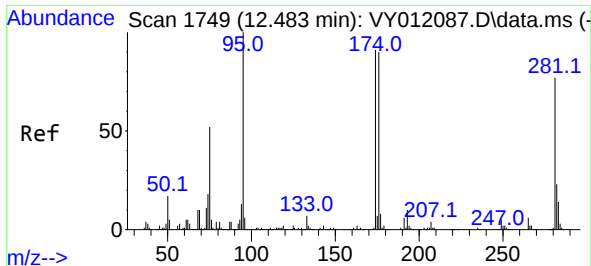
Tgt Ion:117 Resp: 324
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 43.684 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 98 Resp: 7269
Ion Ratio Lower Upper
98 100
100 69.1 51.9 77.9

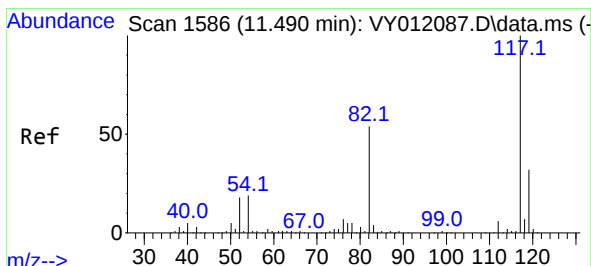
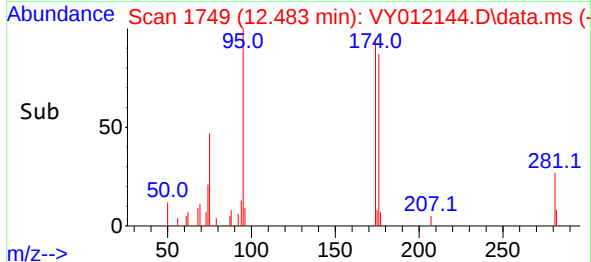
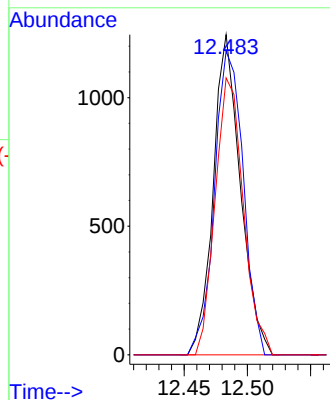
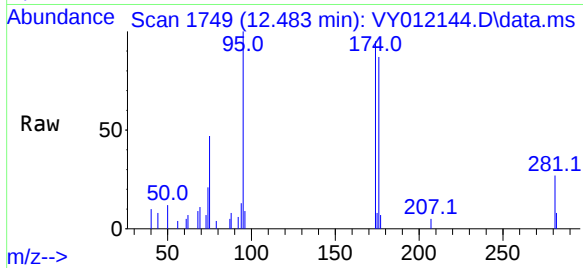




#62
4-Bromofluorobenzene
Concen: 31.996 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

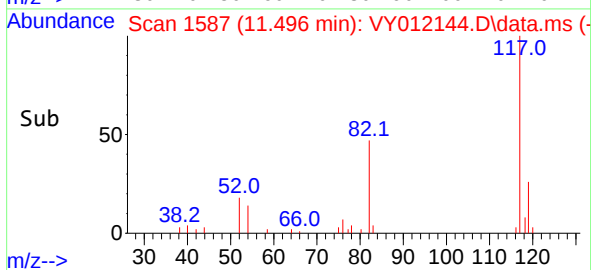
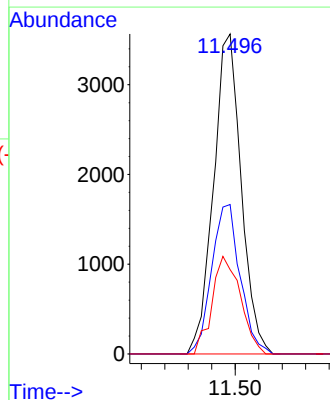
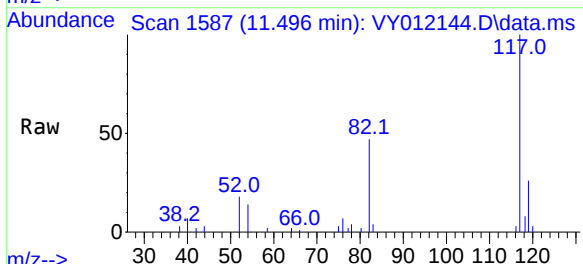
Instrument :
MSVOA_Y
ClientSampleId :

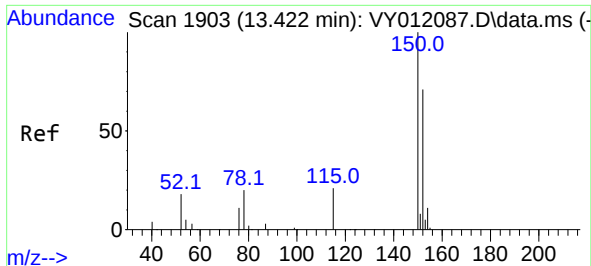
Tgt Ion: 95 Resp: 1861
Ion Ratio Lower Upper
95 100
174 100.1 0.0 172.0
176 89.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

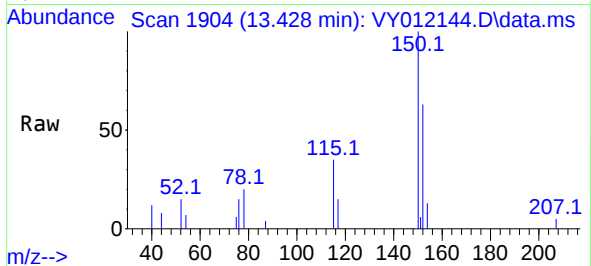
Tgt Ion: 117 Resp: 5835
Ion Ratio Lower Upper
117 100
82 46.7 44.8 67.2
119 26.4 25.4 38.2



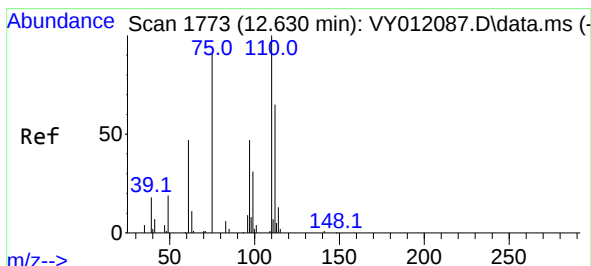
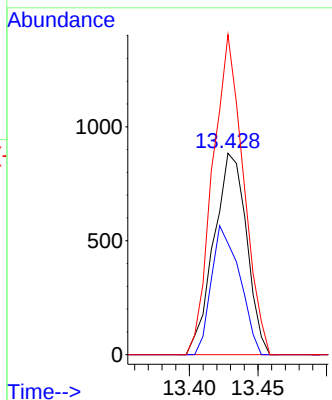
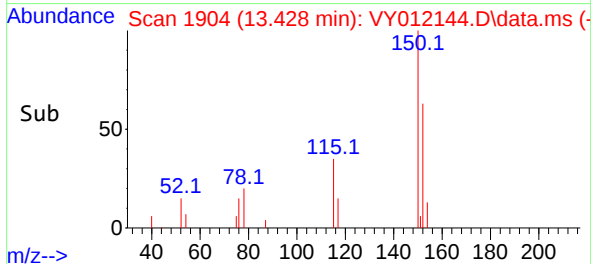


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.006 min
 Lab File: VY012144.D
 Acq: 10 Jan 2023 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :

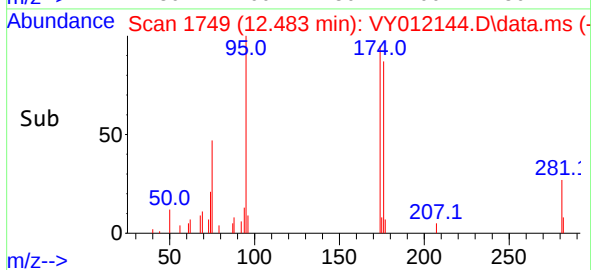
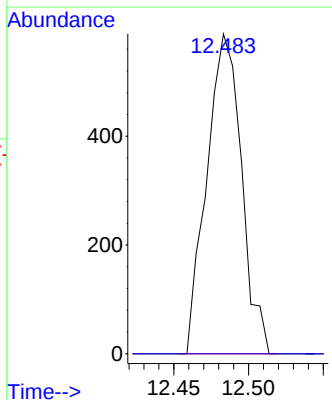
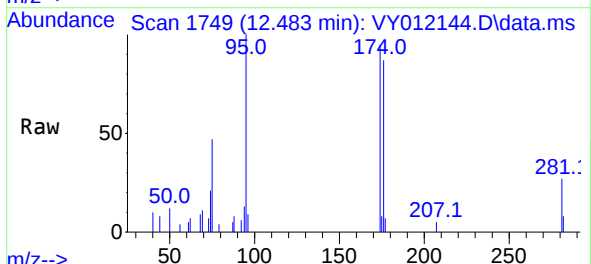


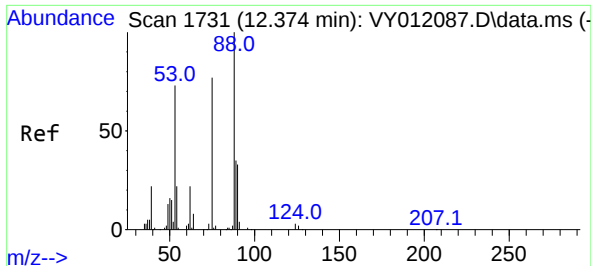
Tgt Ion:152 Resp: 1470
 Ion Ratio Lower Upper
 152 100
 115 55.3 29.1 87.3
 150 149.5 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 56.600 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012144.D
 Acq: 10 Jan 2023 16:13

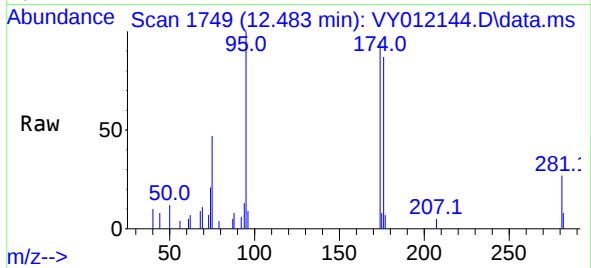
Tgt Ion: 75 Resp: 950
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 125.700 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012144.D
Acq: 10 Jan 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 950
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

