

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012476.D
 Acq On : 03 Feb 2023 14:50
 Operator : KP/MD
 Sample : 01418-13
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:09:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

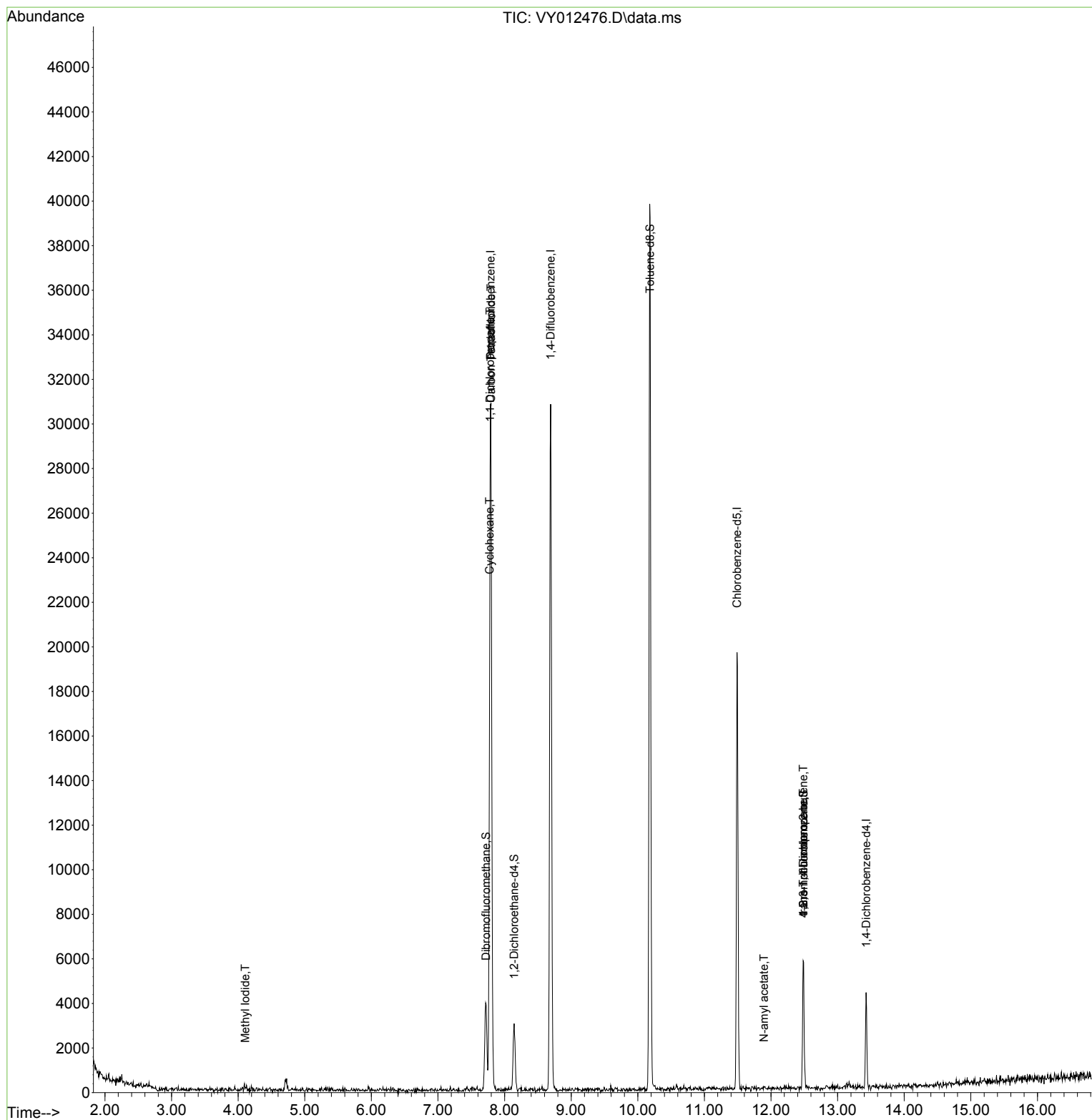
Internal Standards						
1) Pentafluorobenzene	7.789	168	25489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2637	9.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.560%#
35) Dibromofluoromethane	7.722	113	2987	19.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.900%#
50) Toluene-d8	10.185	98	28744	54.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.489	95	1903	8.789	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	17.580%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	353	1.019	ug/l #	38
20) Methylene Chloride	4.716	84	459	Below Cal	#	80
31) Cyclohexane	7.777	56	471	1.267	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	1745	6.685	ug/l #	45
38) Carbon Tetrachloride	7.795	117	2326	6.899	ug/l #	19
74) N-amyl acetate	11.892	43	19	1.018	ug/l #	41
76) 1,2,3-Trichloropropane	12.483	75	1096	90.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1096	186.049	ug/l #	13

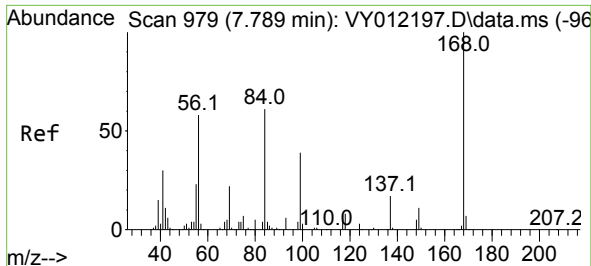
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
Data File : VY012476.D
Acq On : 03 Feb 2023 14:50
Operator : KP/MD
Sample : 01418-13
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 04 00:09:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

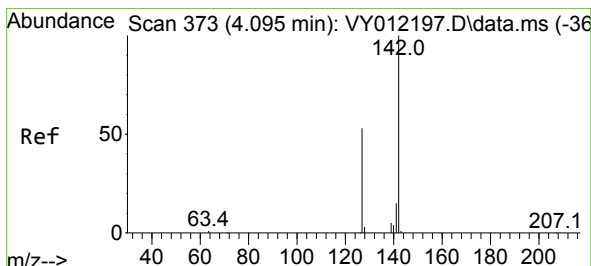
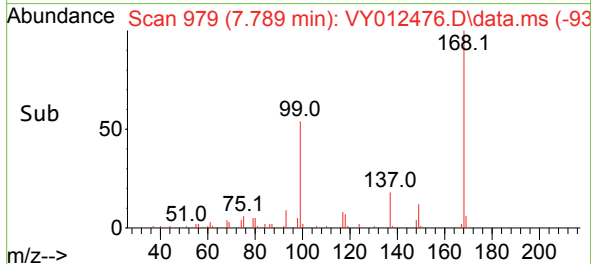
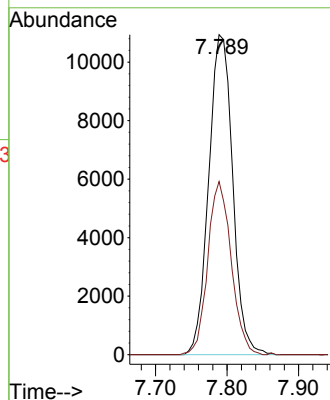
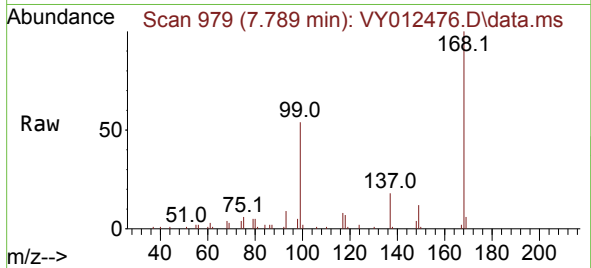




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

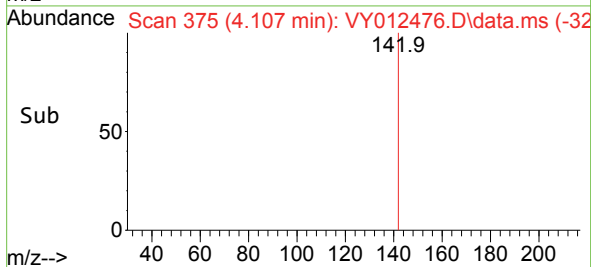
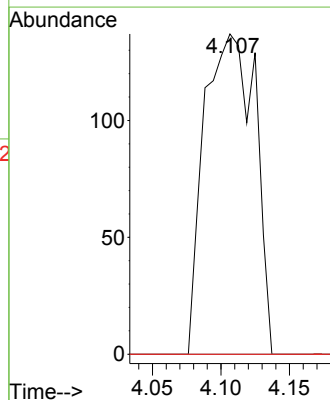
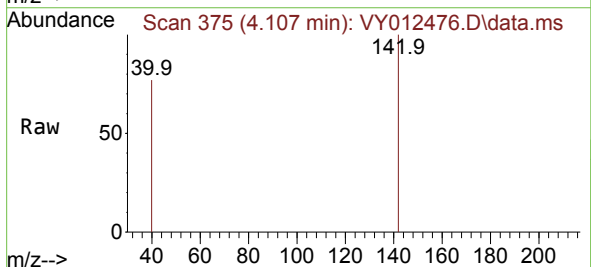
Instrument :
MSVOA_Y
ClientSampleId :

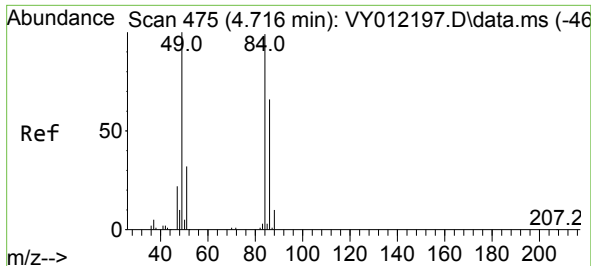
Tgt Ion:168 Resp: 25489
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#10
Methyl Iodide
Concen: 1.019 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

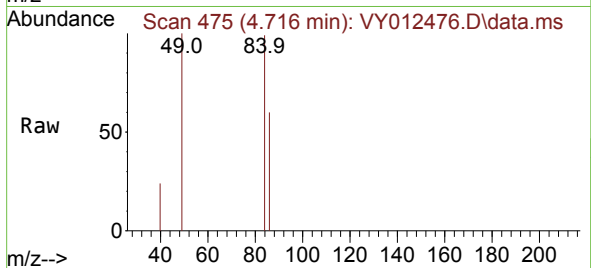
Tgt Ion:142 Resp: 353
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 11.4 17.0#





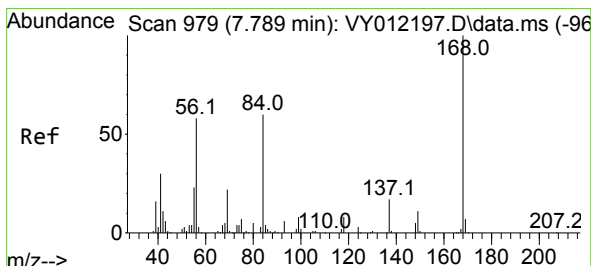
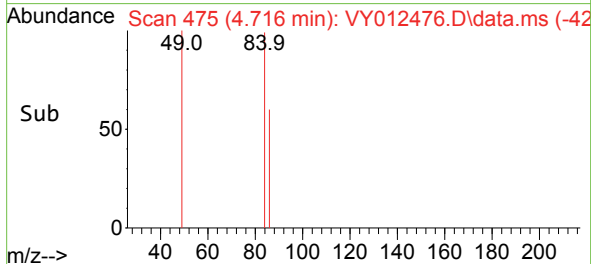
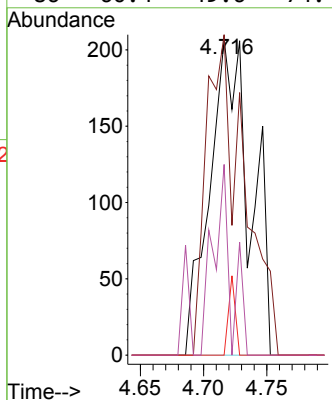
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 459

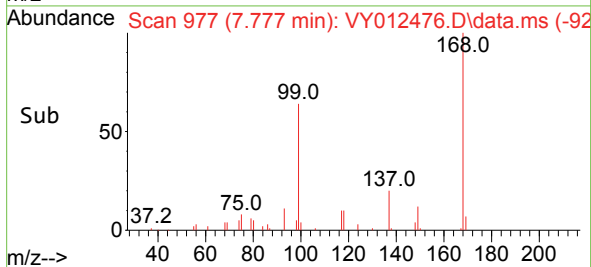
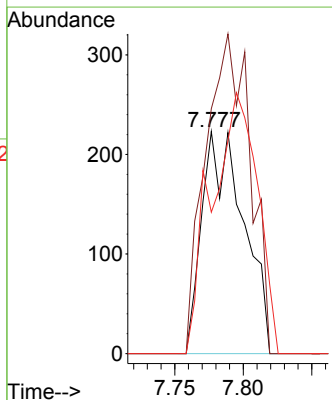
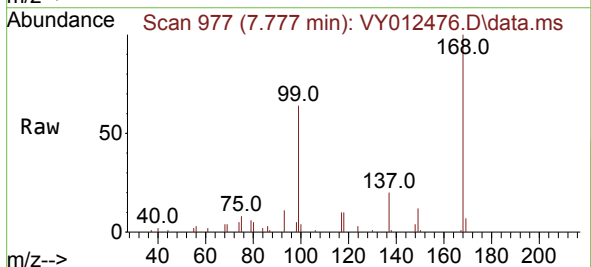
Ion	Ratio	Lower	Upper
84	100		
49	101.4	95.4	143.2
51	0.0	29.9	44.9#
86	60.4	49.6	74.4

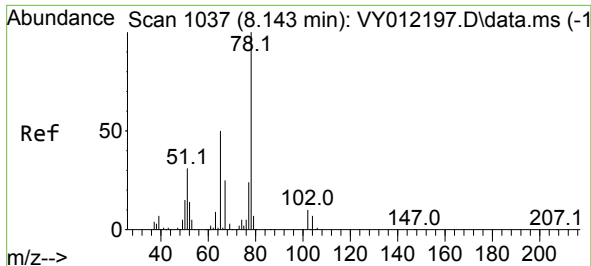


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

Tgt Ion: 56 Resp: 471

Ion	Ratio	Lower	Upper
56	100		
69	110.3	29.2	43.8#
84	63.7	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 9.279 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012476.D

Acq: 03 Feb 2023 14:50

Instrument :

MSVOA_Y

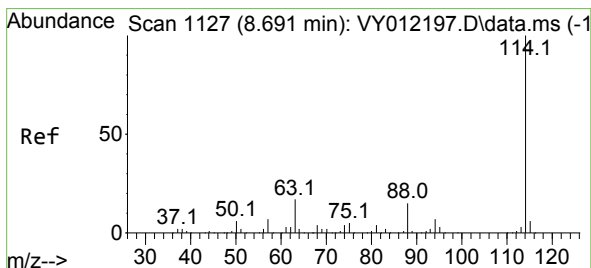
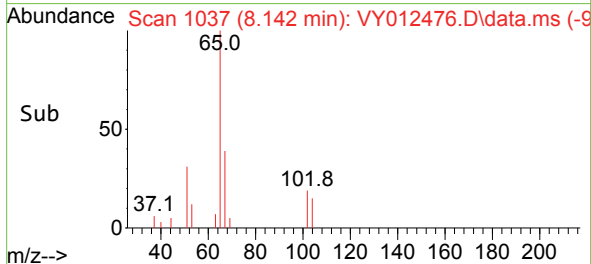
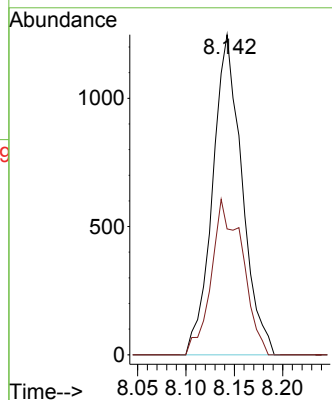
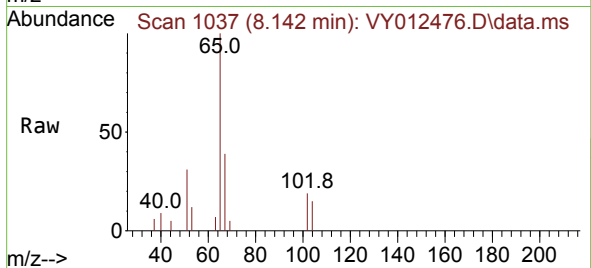
ClientSampleId :

Tgt Ion: 65 Resp: 2637

Ion Ratio Lower Upper

65 100

67 51.6 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: VY012476.D

Acq: 03 Feb 2023 14:50

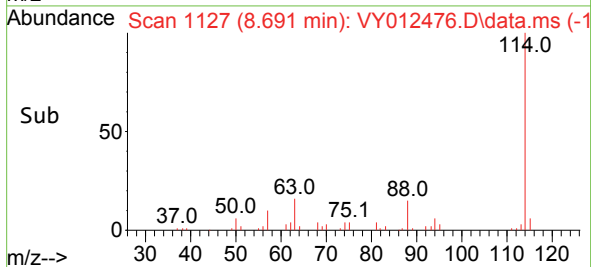
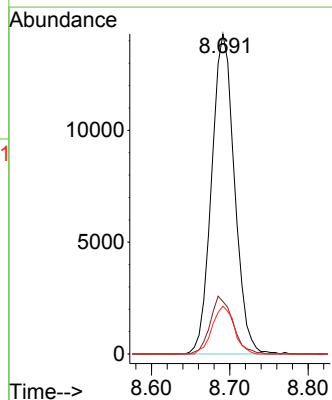
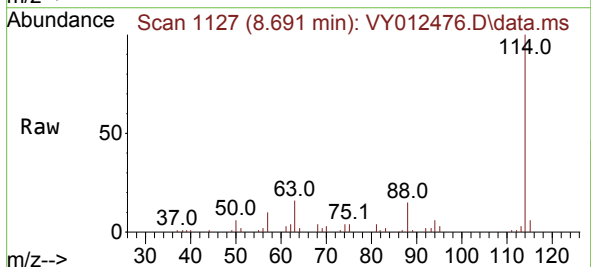
Tgt Ion: 114 Resp: 29008

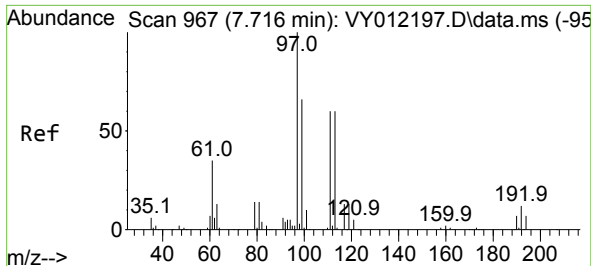
Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 15.0 0.0 32.2

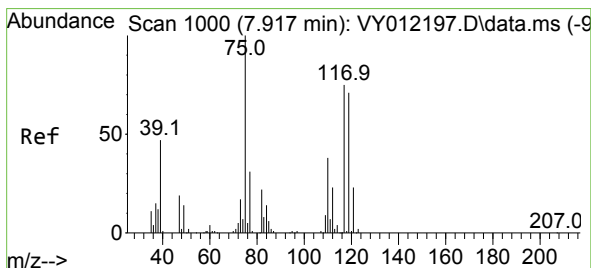
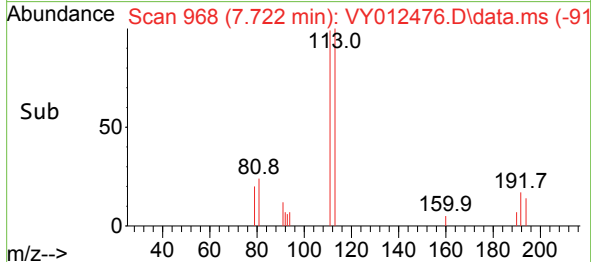
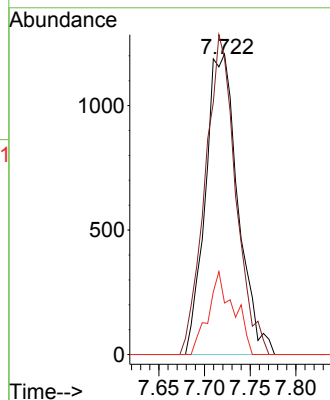
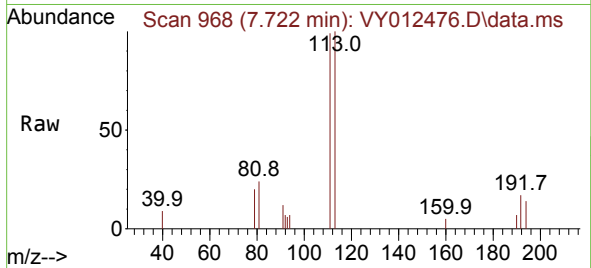




#35
Dibromofluoromethane
Concen: 19.447 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

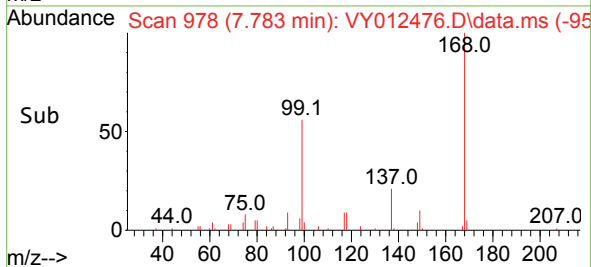
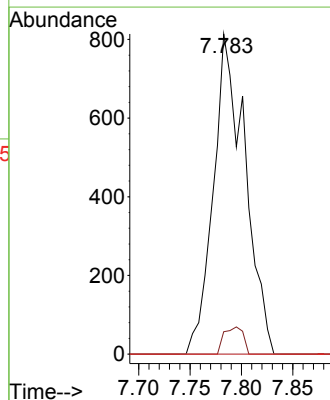
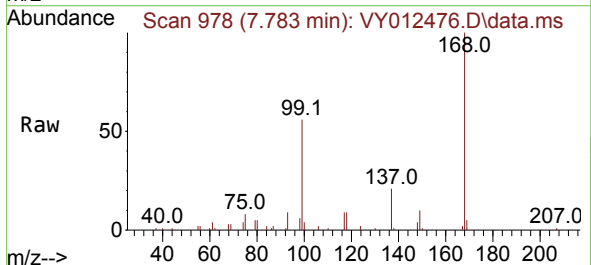
Instrument :
MSVOA_Y
ClientSampleId :

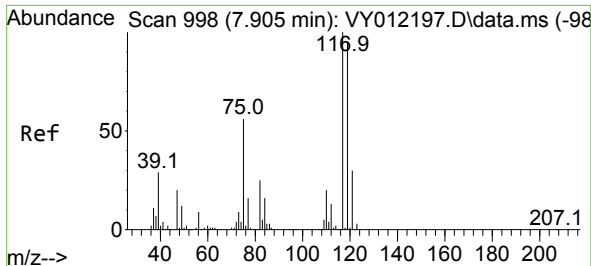
Tgt Ion:113 Resp: 2987
Ion Ratio Lower Upper
113 100
111 100.0 83.0 124.4
192 21.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 6.685 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

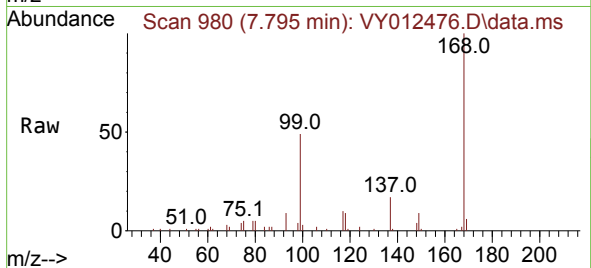
Tgt Ion: 75 Resp: 1745
Ion Ratio Lower Upper
75 100
110 5.1 18.1 54.1#
77 0.0 25.1 37.7#



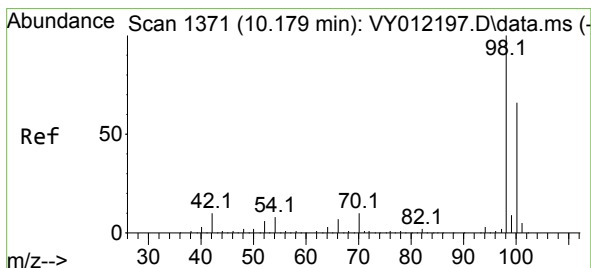
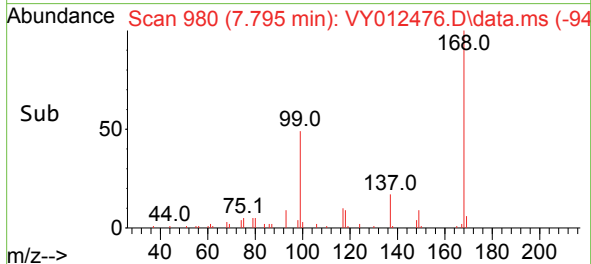
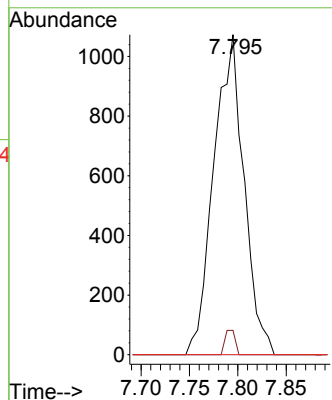


#38
Carbon Tetrachloride
Concen: 6.899 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

Instrument :
MSVOA_Y
ClientSampleId :

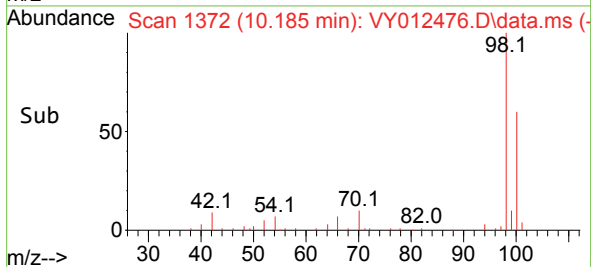
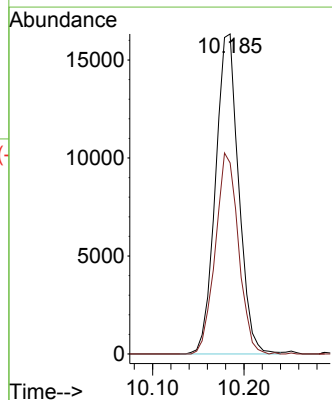
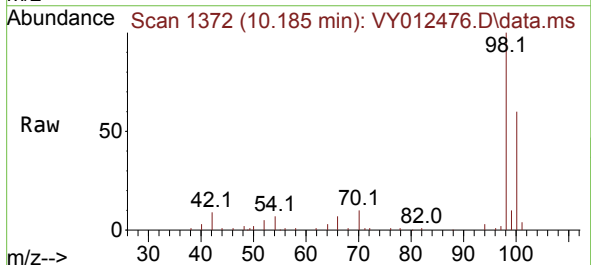


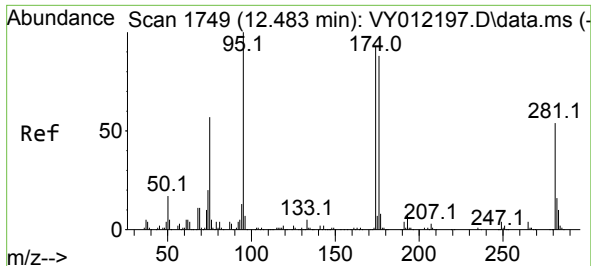
Tgt Ion:117 Resp: 2326
Ion Ratio Lower Upper
117 100
119 7.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 54.392 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

Tgt Ion: 98 Resp: 28744
Ion Ratio Lower Upper
98 100
100 62.5 51.9 77.9

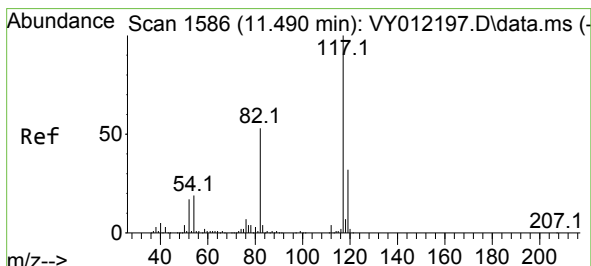
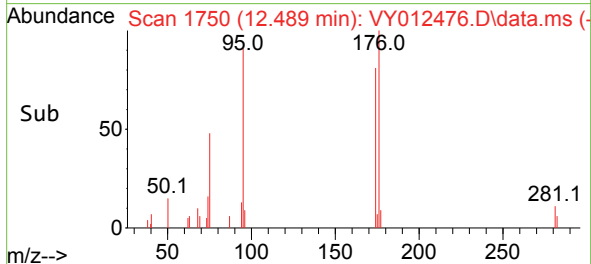
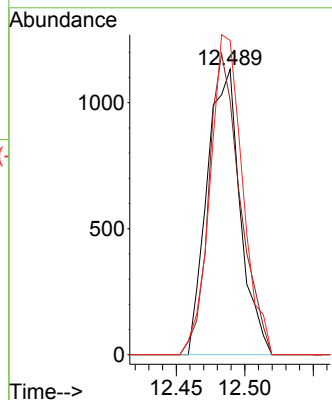
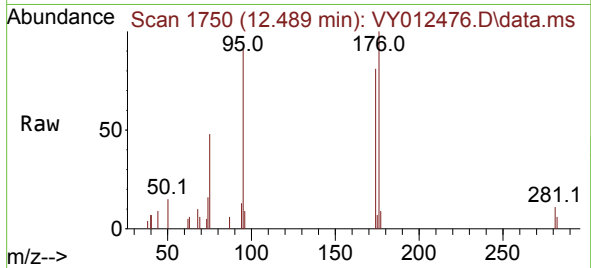




#62
4-Bromofluorobenzene
Concen: 8.789 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

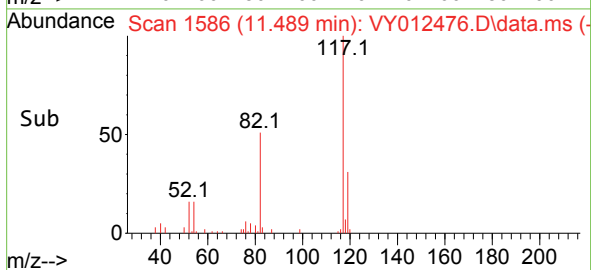
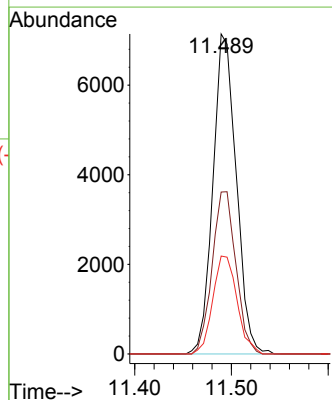
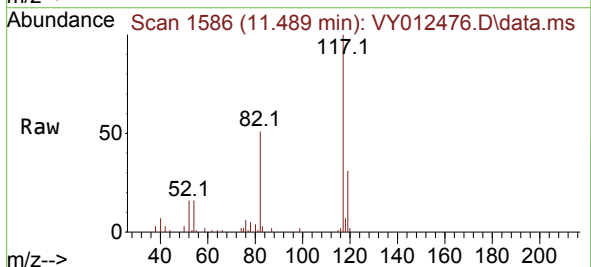
Instrument :
MSVOA_Y
ClientSampleId :

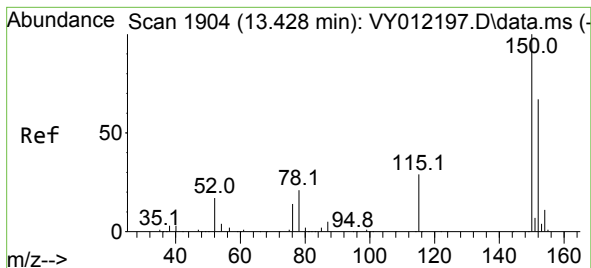
Tgt Ion:	95	Resp:	1903
Ion Ratio	Lower	Upper	
95	100		
174	100.1	0.0	172.0
176	110.0	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012476.D
Acq: 03 Feb 2023 14:50

Tgt Ion:	117	Resp:	11942
Ion Ratio	Lower	Upper	
117	100		
82	50.6	44.8	67.2
119	30.6	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

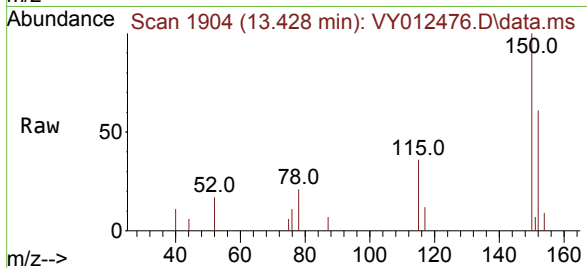
Lab File: VY012476.D

Acq: 03 Feb 2023 14:50

Instrument :

MSVOA_Y

ClientSampleId :



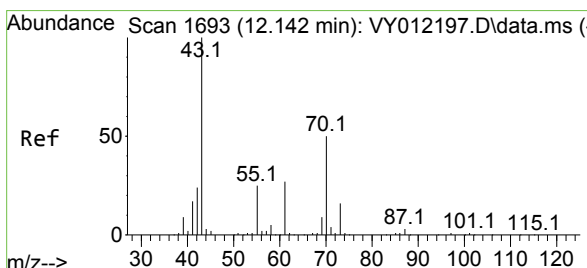
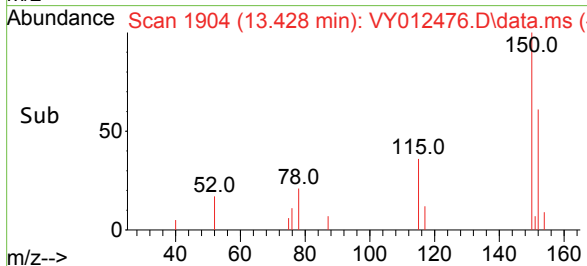
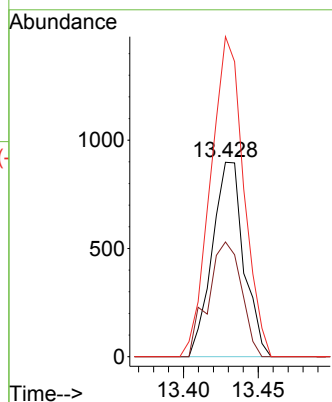
Tgt Ion:152 Resp: 1320

Ion Ratio Lower Upper

152 100

115 62.0 29.1 87.3

150 172.7 0.0 342.6



#74

N-ethyl acetate

Concen: 1.018 ug/l

RT: 11.892 min Scan# 1652

Delta R.T. -0.250 min

Lab File: VY012476.D

Acq: 03 Feb 2023 14:50

Tgt Ion: 43 Resp: 19

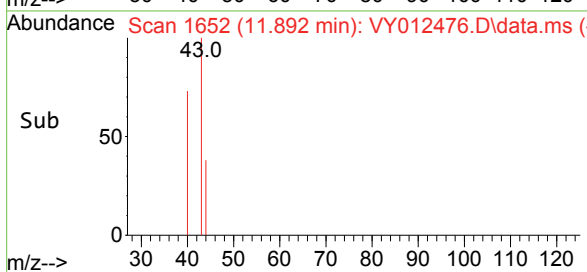
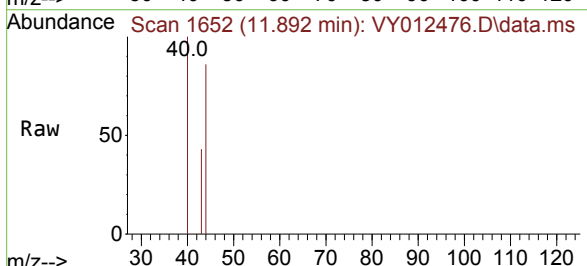
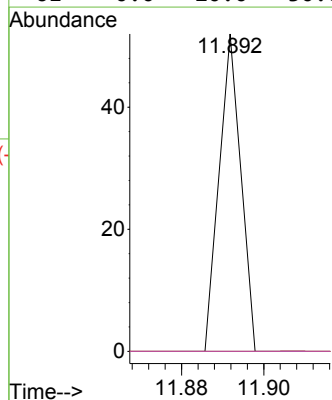
Ion Ratio Lower Upper

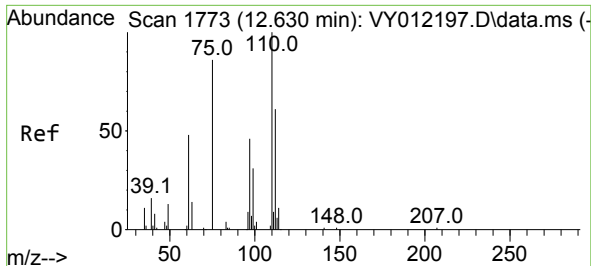
43 100

70 0.0 35.8 53.8#

55 0.0 21.0 31.4#

61 0.0 20.0 30.0#

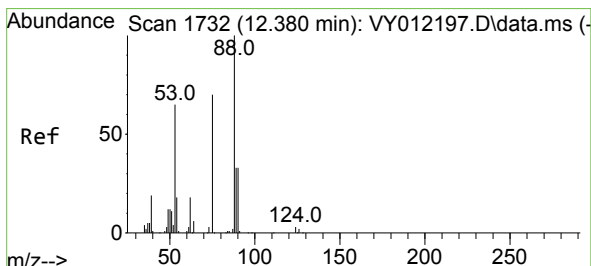
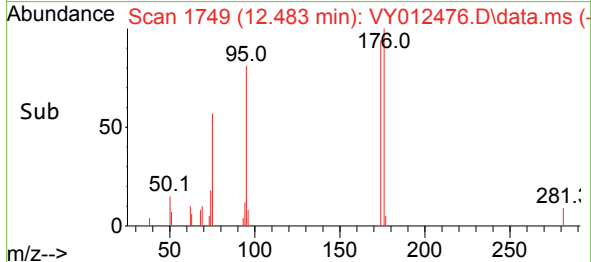
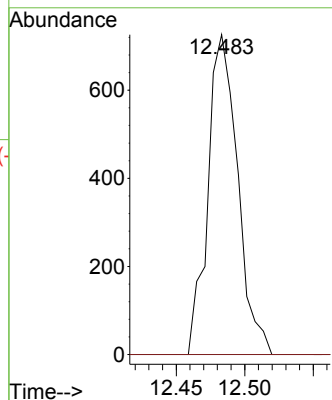
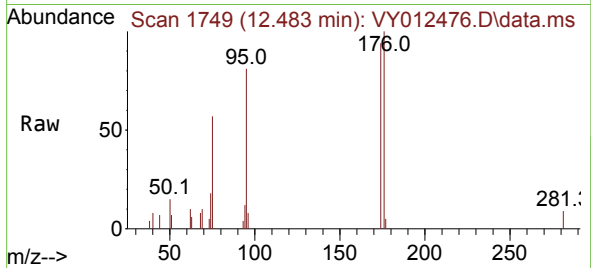




#76
 1,2,3-Trichloropropane
 Concen: 90.296 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012476.D
 Acq: 03 Feb 2023 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 1096
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 186.049 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.109 min
 Lab File: VY012476.D
 Acq: 03 Feb 2023 14:50

Tgt Ion: 75 Resp: 1096
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

