

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011820.D
 Acq On : 14 Dec 2022 02:45
 Operator : KP/MD
 Sample : N6037-14
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-24-(1-3)

Quant Time: Dec 14 05:38:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

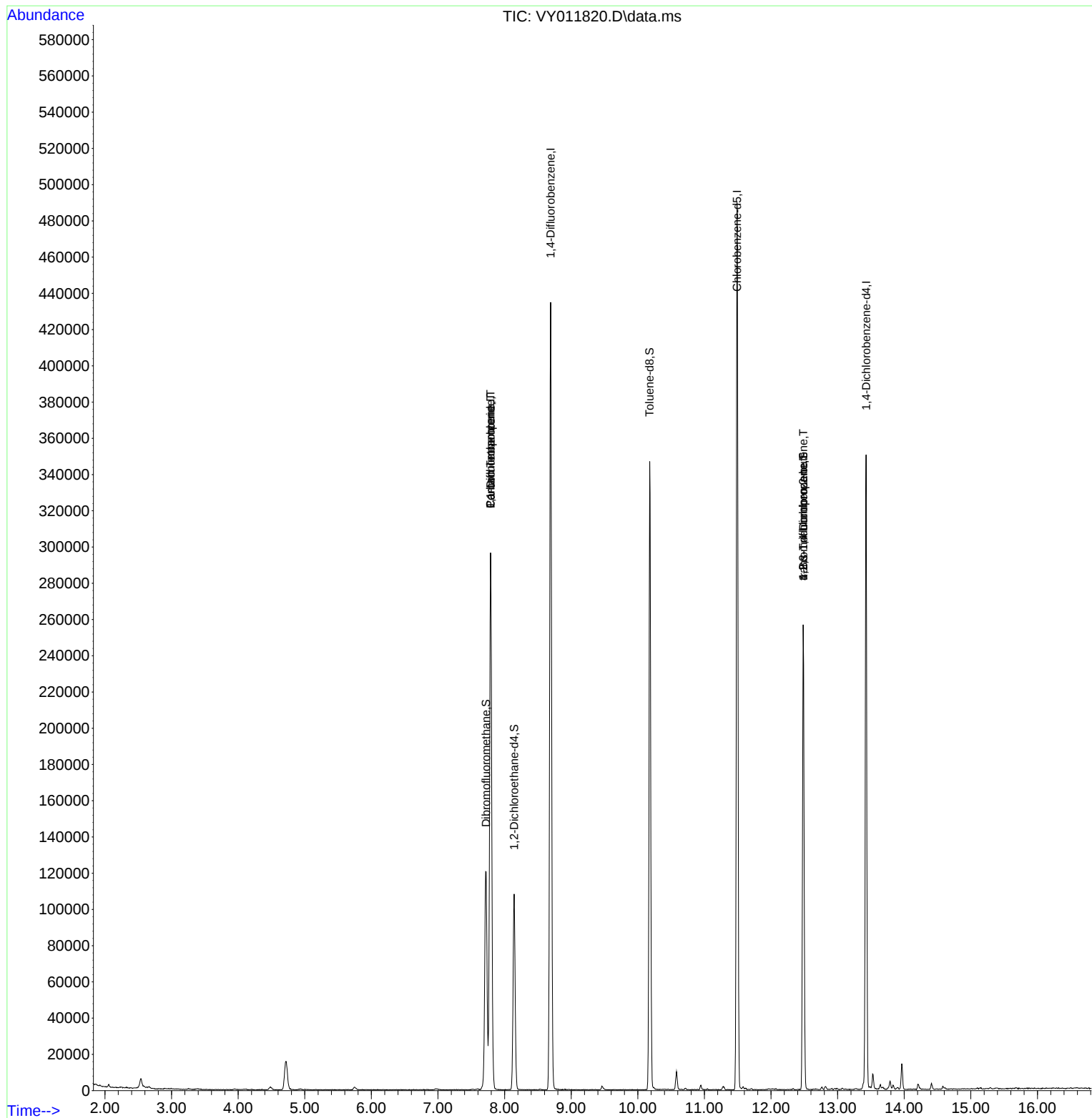
Internal Standards						
1) Pentafluorobenzene	7.789	168	229694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82703	53.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.120%	
35) Dibromofluoromethane	7.722	113	86637	52.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.179	98	228767	41.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.100%	
62) 4-Bromofluorobenzene	12.483	95	66544	28.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 57.880%	
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	163	Below Cal	#	41
5) Bromomethane	2.656	94	289	Below Cal		85
11) Tert butyl alcohol	4.936	59	240	Below Cal	#	74
20) Methylene Chloride	4.722	84	12166	Below Cal		89
31) Cyclohexane	7.789	56	4570	Below Cal	#	11
36) 1,1-Dichloropropene	7.789	75	17164	6.083	ug/l #	49
38) Carbon Tetrachloride	7.789	117	23063	6.958	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	34692	37.991	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34692	86.210	ug/l #	13

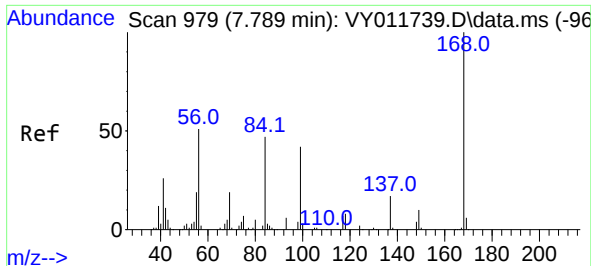
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
Data File : VY011820.D
Acq On : 14 Dec 2022 02:45
Operator : KP/MD
Sample : N6037-14
Misc : 3.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-24-(1-3)

Quant Time: Dec 14 05:38:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

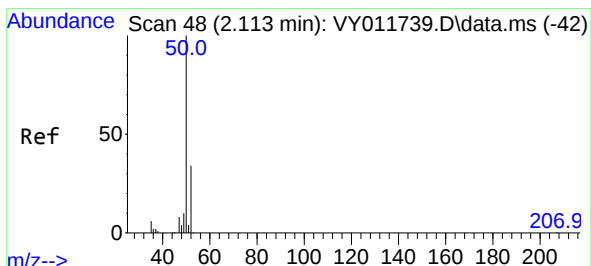
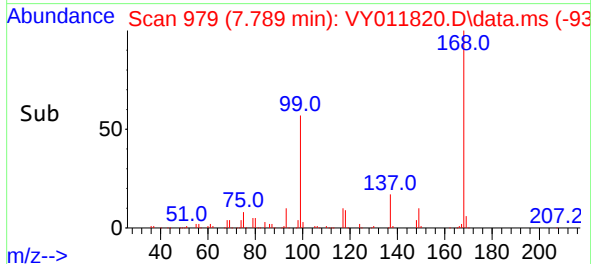
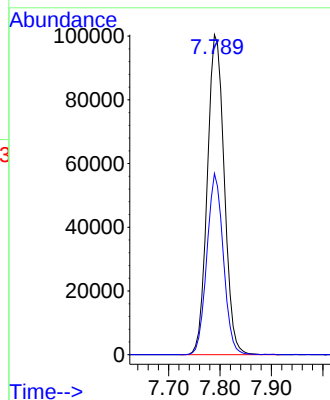
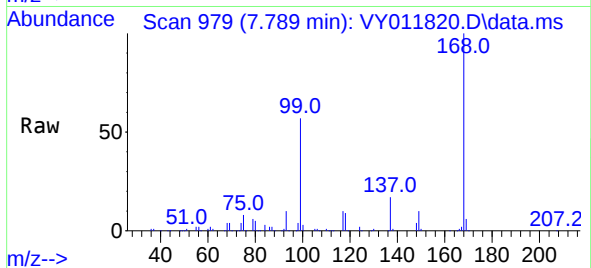




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

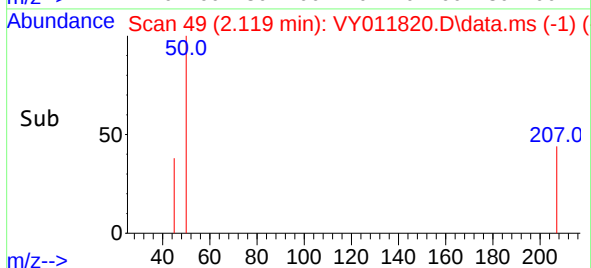
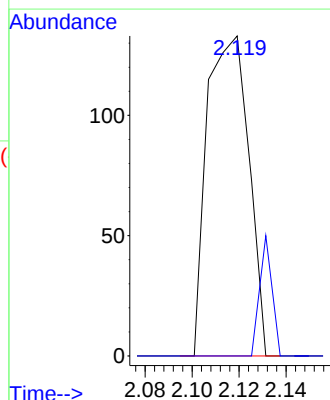
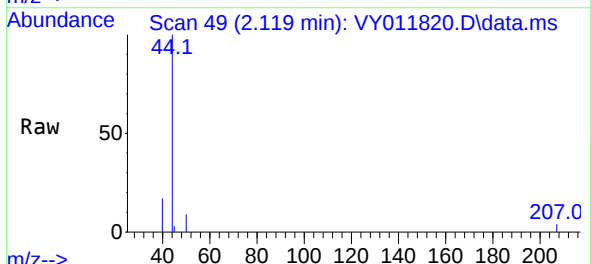
Instrument :
MSVOA_Y
ClientSampleId :
RB-24-(1-3)

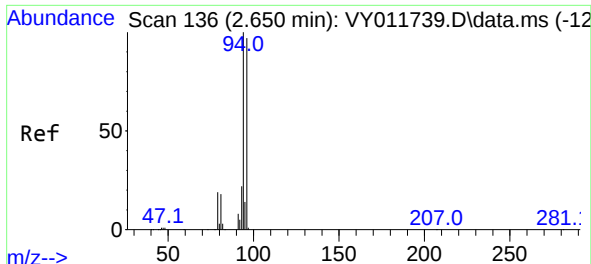
Tgt Ion:168 Resp: 229694
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

Tgt Ion: 50 Resp: 163
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

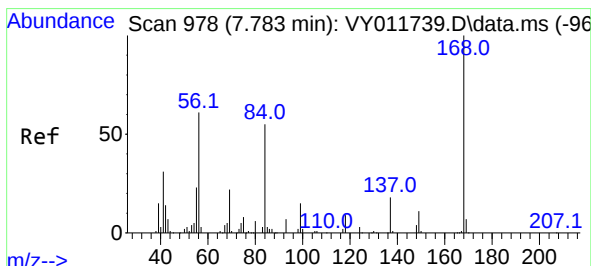
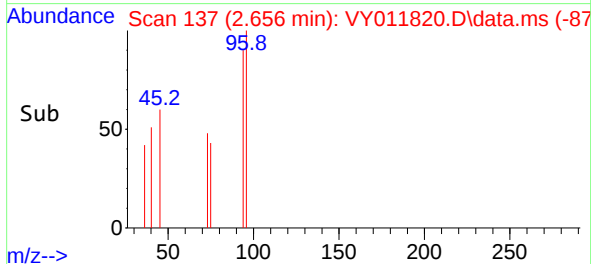
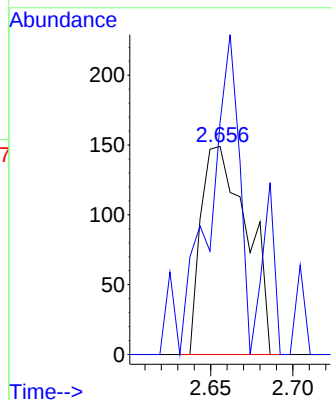
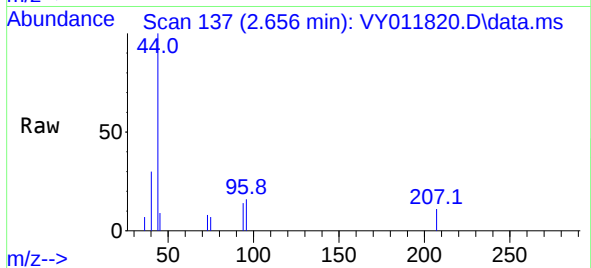




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

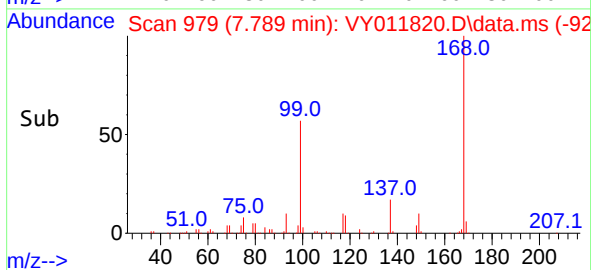
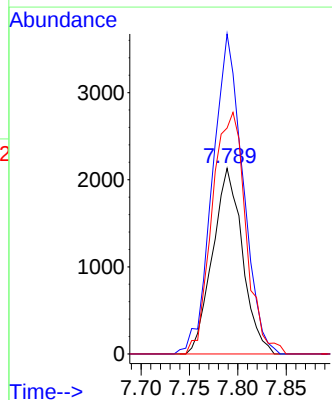
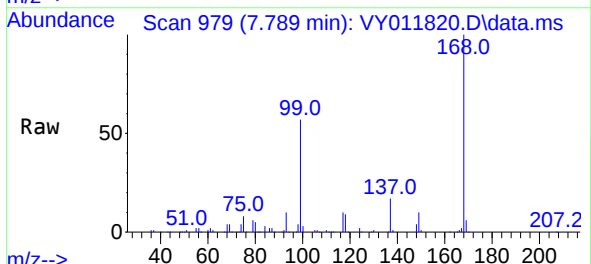
Instrument :
MSVOA_Y
ClientSampleId :
RB-24-(1-3)

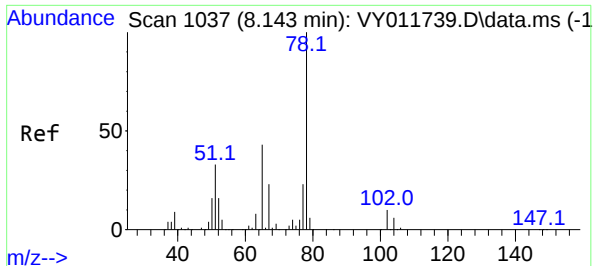
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 111.4 77.4 116.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

Tgt Ion: 56 Resp: 4570
Ion Ratio Lower Upper
56 100
69 172.4 29.2 43.8#
84 121.7 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 53.058 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011820.D

Acq: 14 Dec 2022 02:45

Instrument :

MSVOA_Y

ClientSampleId :

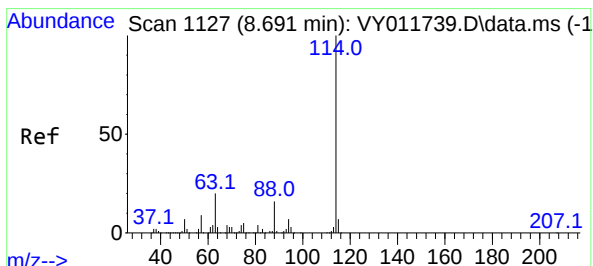
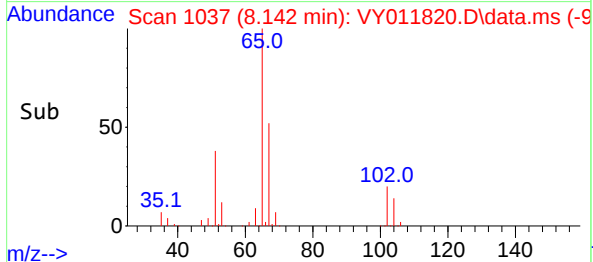
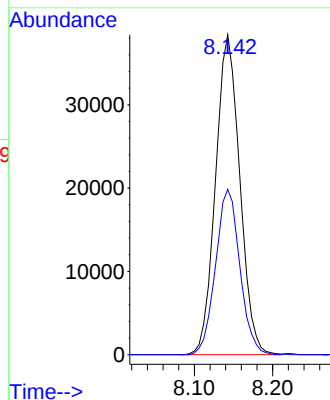
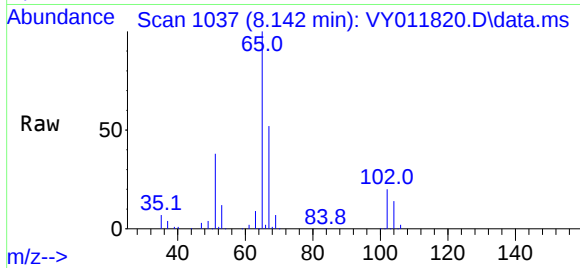
RB-24-(1-3)

Tgt Ion: 65 Resp: 82703

Ion Ratio Lower Upper

65 100

67 51.7 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: VY011820.D

Acq: 14 Dec 2022 02:45

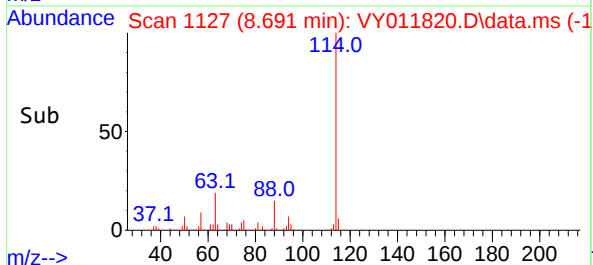
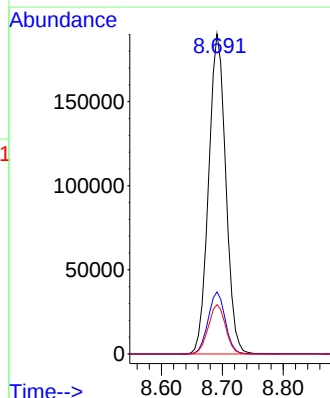
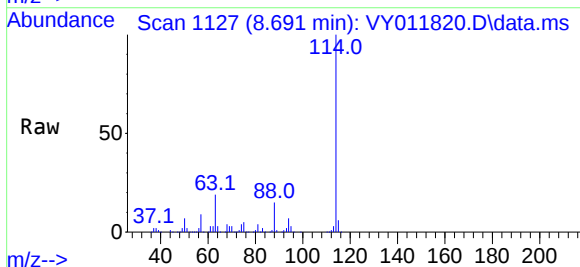
Tgt Ion: 114 Resp: 371851

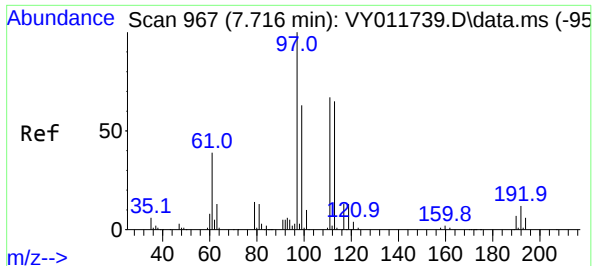
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.4 0.0 32.2

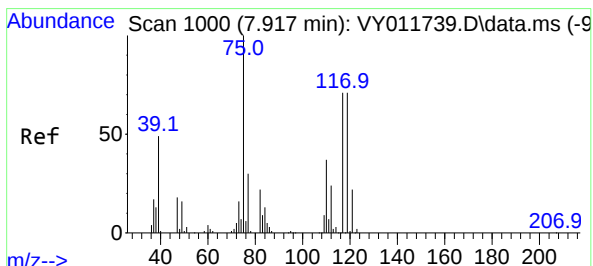
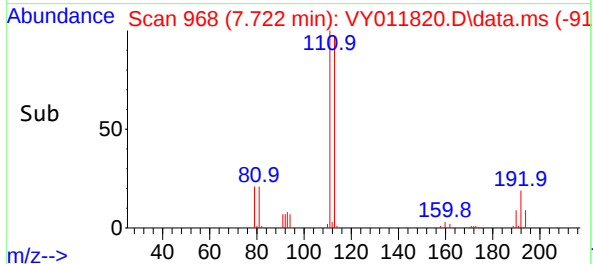
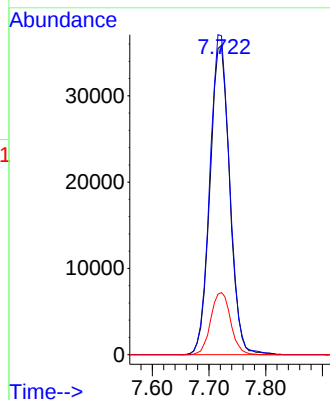
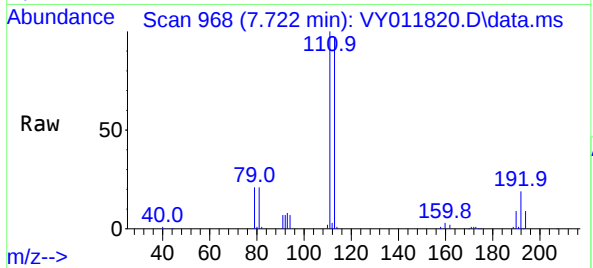




#35
Dibromofluoromethane
Concen: 52.646 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

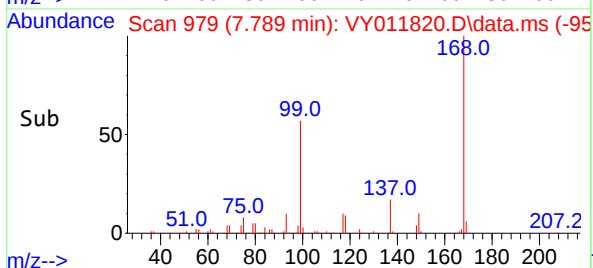
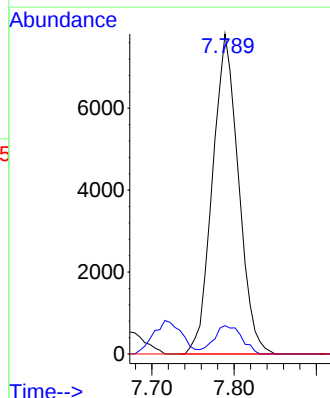
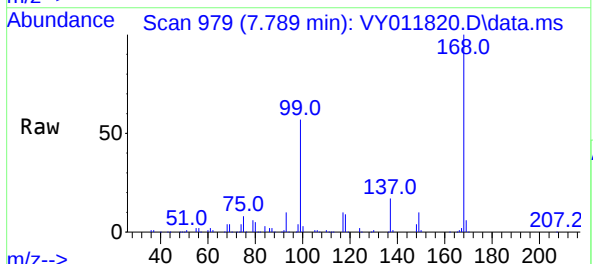
Instrument :
MSVOA_Y
ClientSampleId :
RB-24-(1-3)

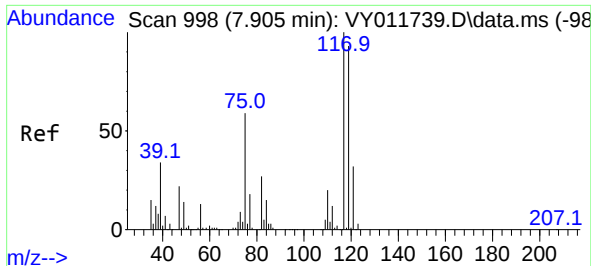
Tgt Ion:113 Resp: 86637
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.4
192 20.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 6.083 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

Tgt Ion: 75 Resp: 17164
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.1#
77 0.0 25.1 37.7#

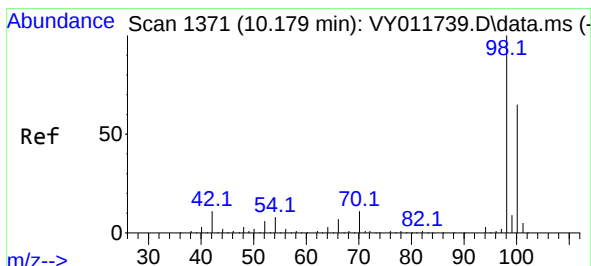
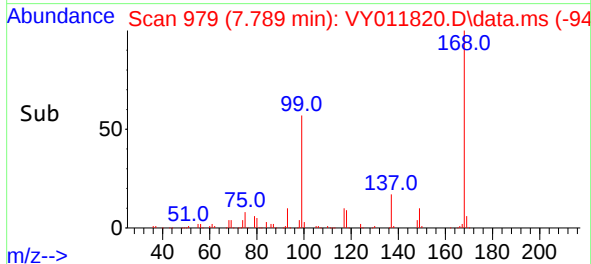
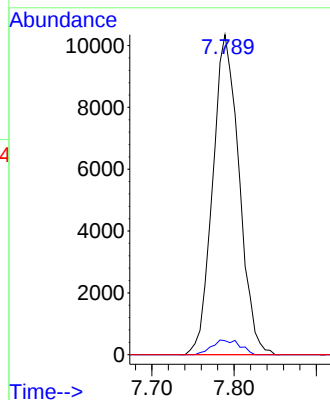
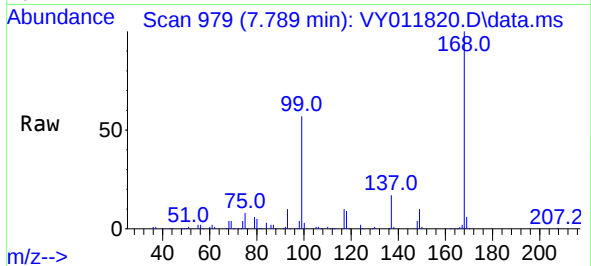




#38
Carbon Tetrachloride
Concen: 6.958 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

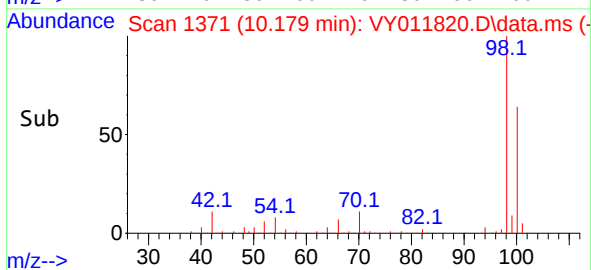
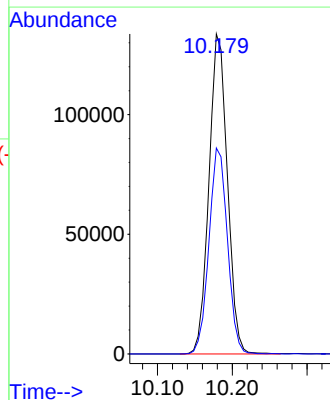
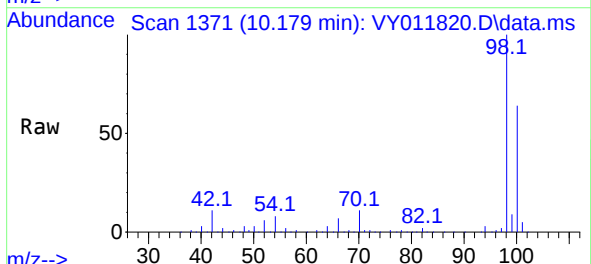
Instrument :
MSVOA_Y
ClientSampleId :
RB-24-(1-3)

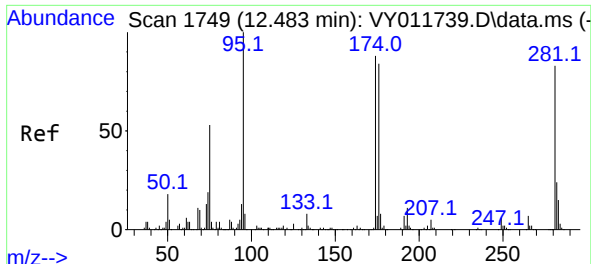
Tgt Ion:117 Resp: 23063
Ion Ratio Lower Upper
117 100
119 4.4 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 41.045 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

Tgt Ion: 98 Resp: 228767
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

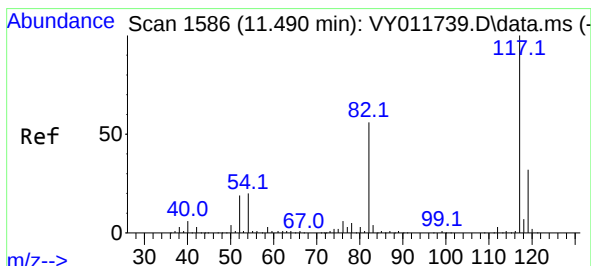
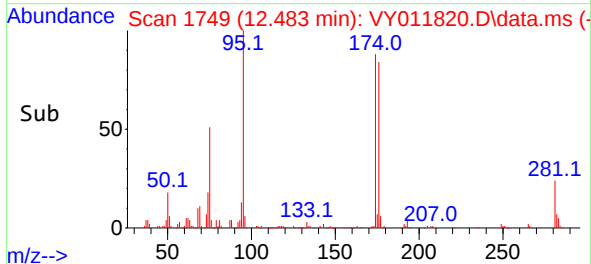
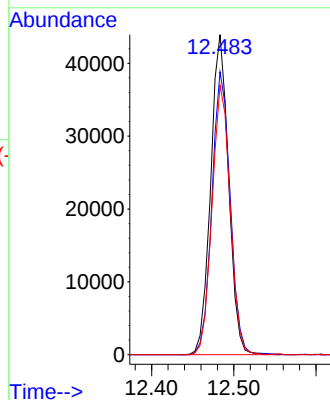
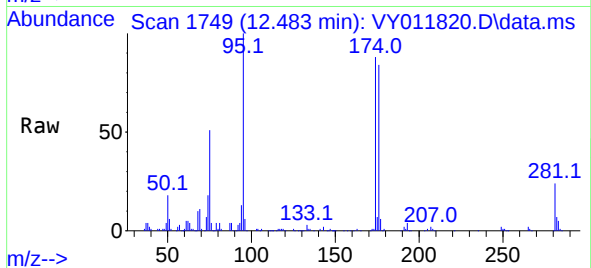




#62
4-Bromofluorobenzene
Concen: 28.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

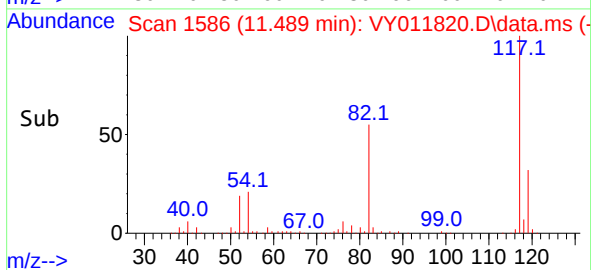
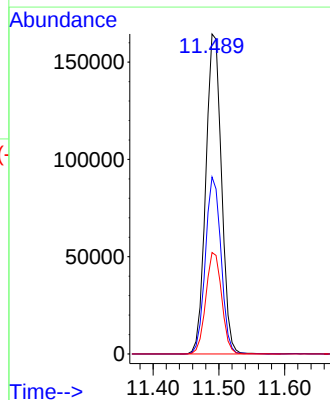
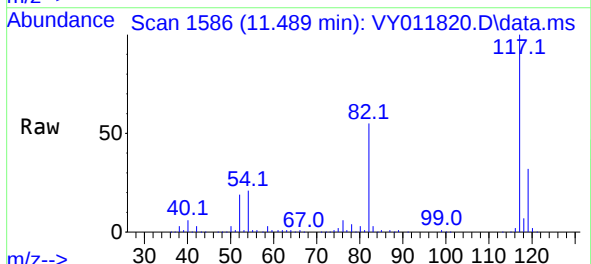
Instrument :
MSVOA_Y
ClientSampleId :
RB-24-(1-3)

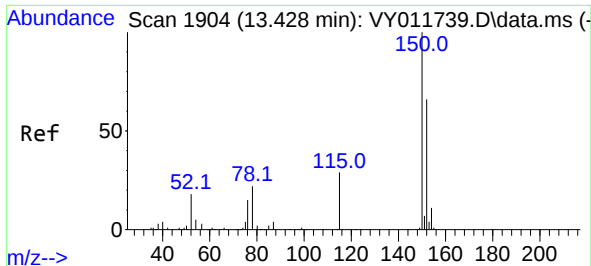
Tgt Ion: 95 Resp: 66544
Ion Ratio Lower Upper
95 100
174 90.1 0.0 172.0
176 85.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

Tgt Ion: 117 Resp: 273044
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 31.7 25.4 38.2

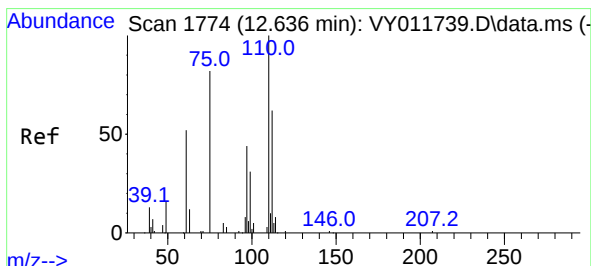
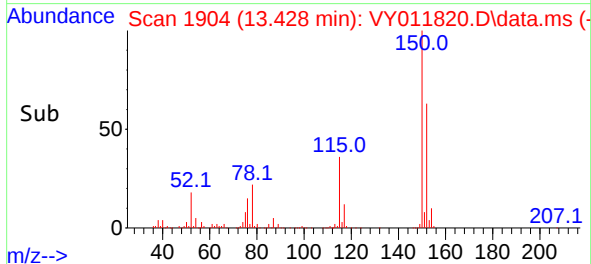
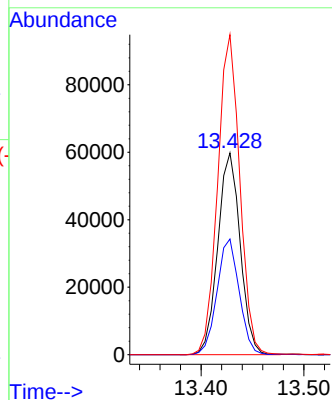
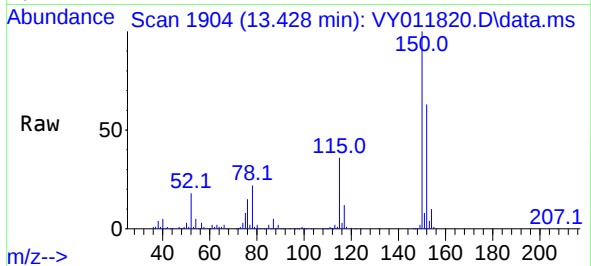




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011820.D
 Acq: 14 Dec 2022 02:45

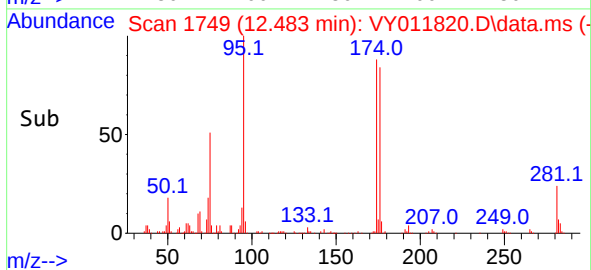
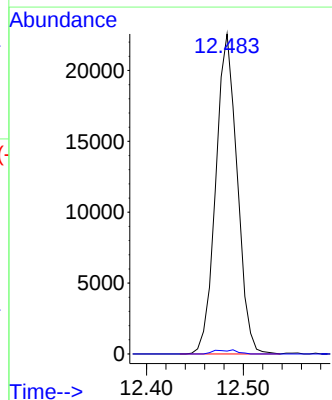
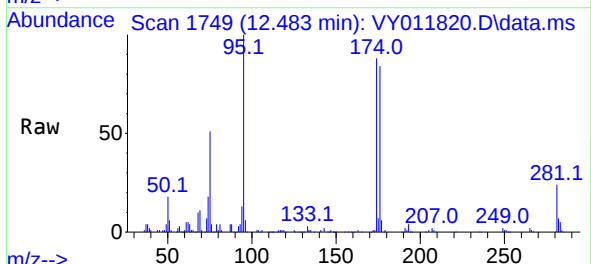
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-24-(1-3)

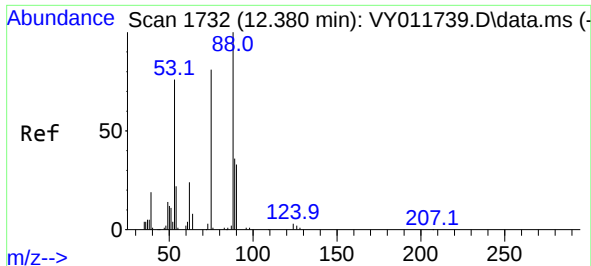
Tgt Ion:152 Resp: 90256
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.1 87.3
 150 157.0 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 37.991 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011820.D
 Acq: 14 Dec 2022 02:45

Tgt Ion: 75 Resp: 34692
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.210 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011820.D
Acq: 14 Dec 2022 02:45

Instrument :
MSVOA_Y
ClientSampleId :
RB-24-(1-3)

Tgt Ion: 75 Resp: 34692
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.5 37.0 55.4#

