

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014328.D
 Acq On : 21 Jun 2023 11:26
 Operator : KP/MD
 Sample : VY0621SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBL01

Quant Time: Jun 22 01:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

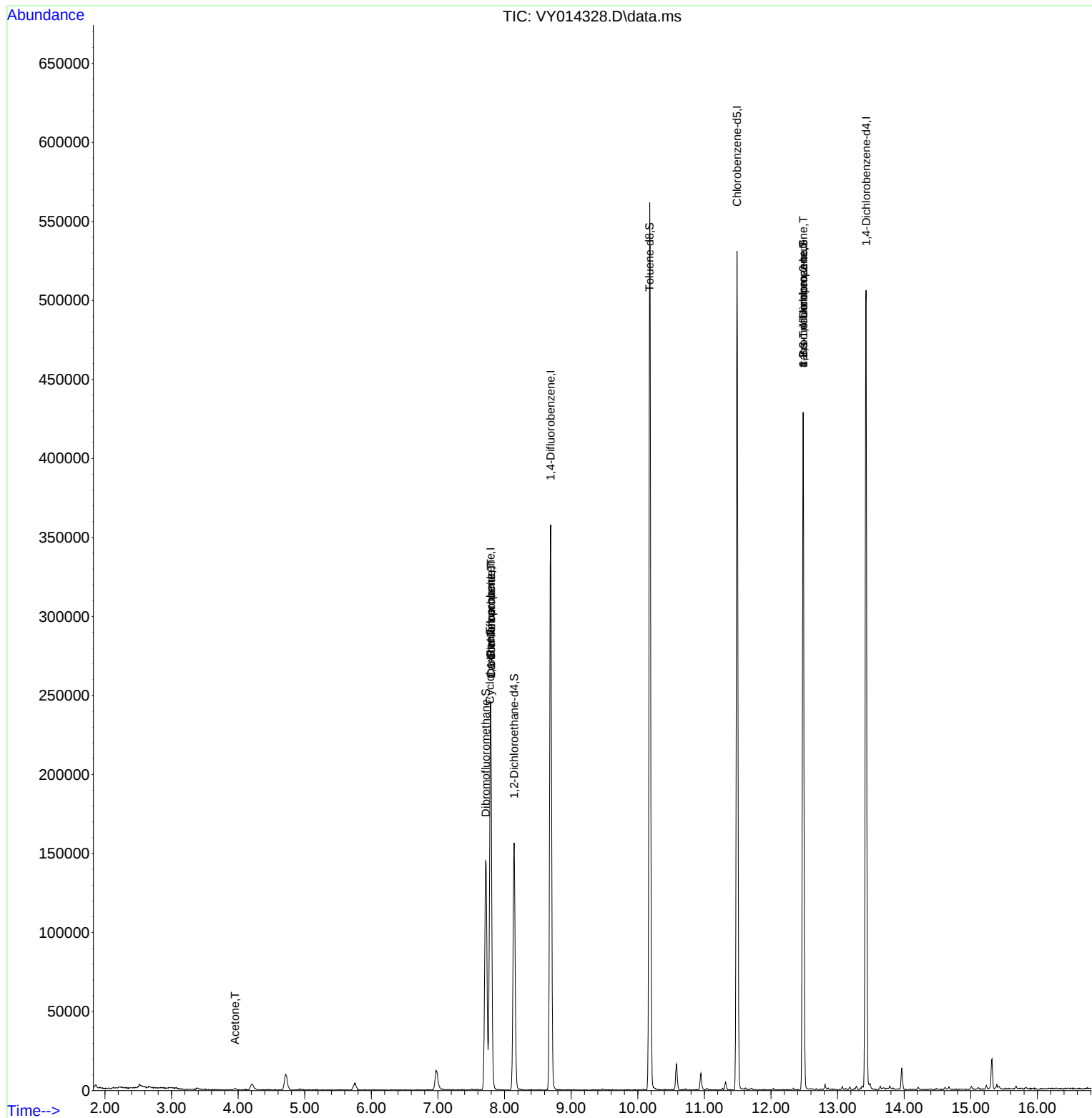
Internal Standards						
1) Pentafluorobenzene	7.789	168	189672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130003	49.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.440%		
35) Dibromofluoromethane	7.716	113	100399	47.004	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.000%		
50) Toluene-d8	10.179	98	363715	45.547	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.483	95	114856	40.489	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.980%		
Target Compounds						
11) Tert butyl alcohol	4.930	59	338	Below Cal	#	89
16) Acetone	3.954	43	1359	1.707	ug/l #	13
20) Methylene Chloride	4.716	84	7179	Below Cal		95
31) Cyclohexane	7.783	56	3974	1.123	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	14366	4.314	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18721	4.872	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	62898	36.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62898	78.517	ug/l #	11

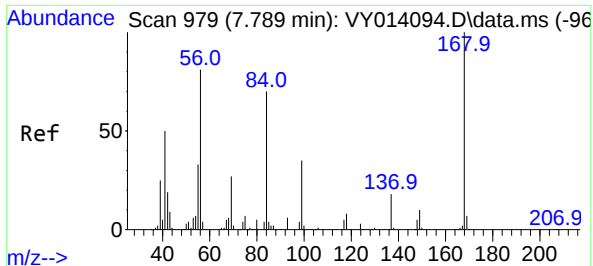
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
Data File : VY014328.D
Acq On : 21 Jun 2023 11:26
Operator : KP/MD
Sample : VY0621SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

Quant Time: Jun 22 01:55:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

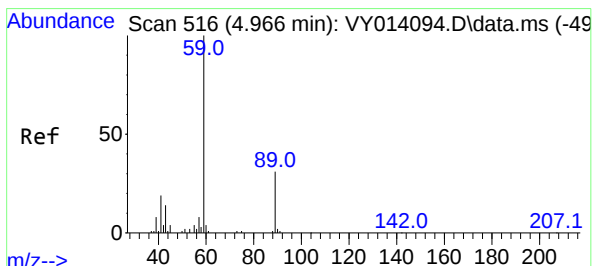
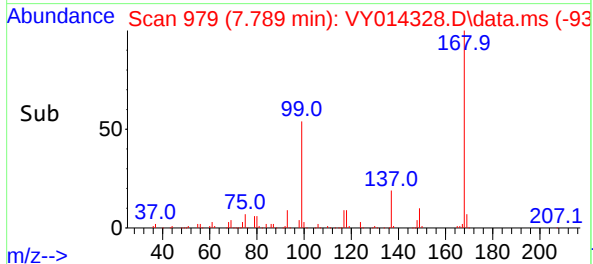
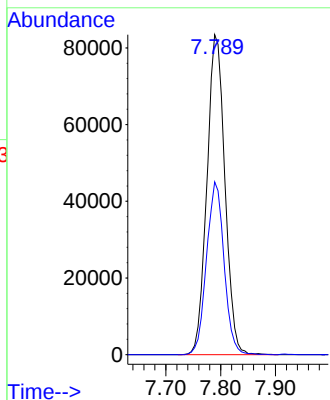
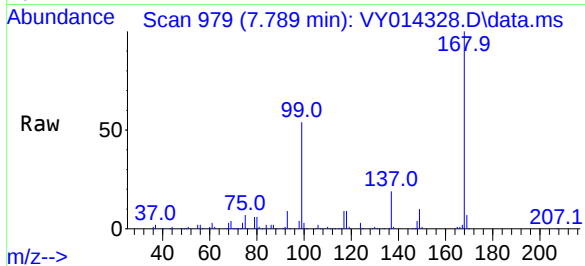




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

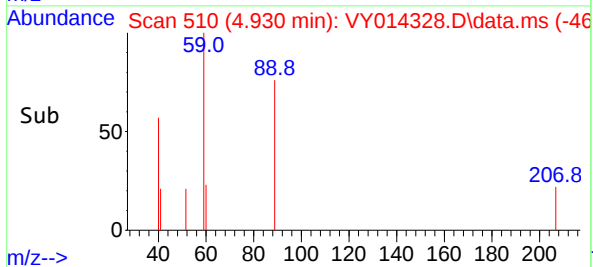
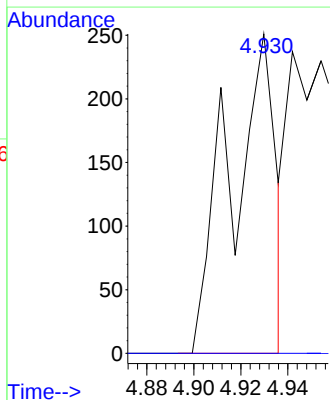
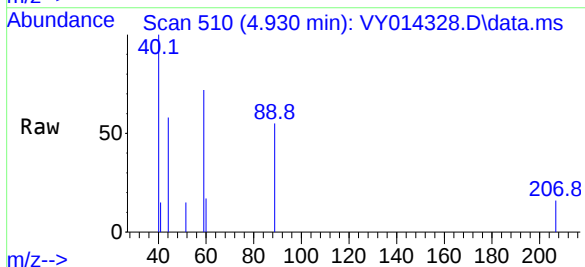
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

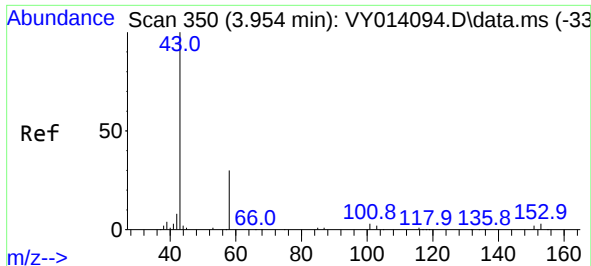
Tgt Ion:168 Resp: 189672
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

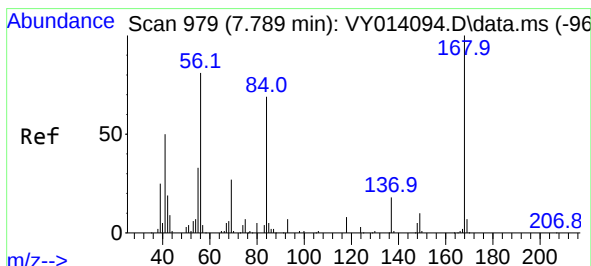
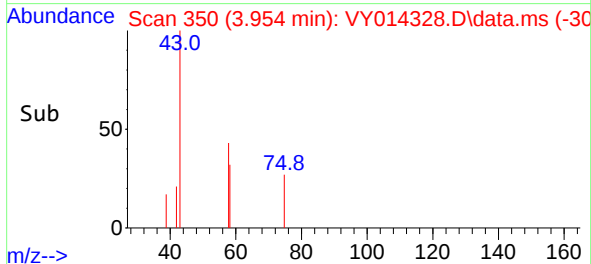
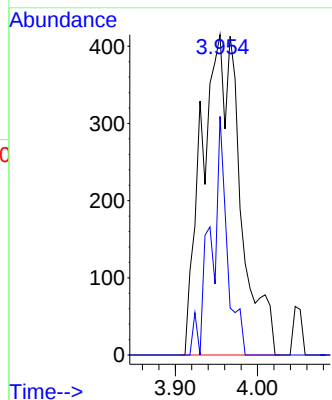
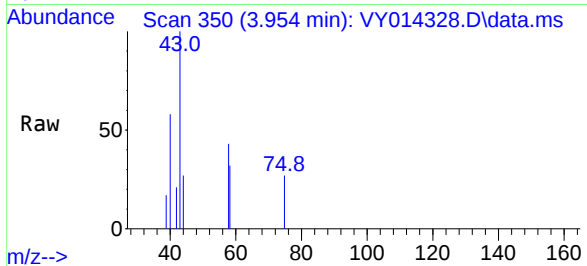




#16
Acetone
Concen: 1.707 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

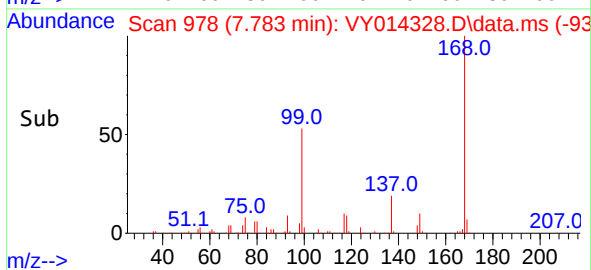
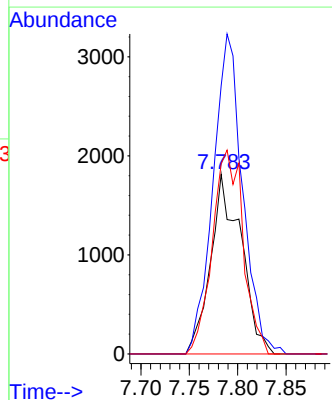
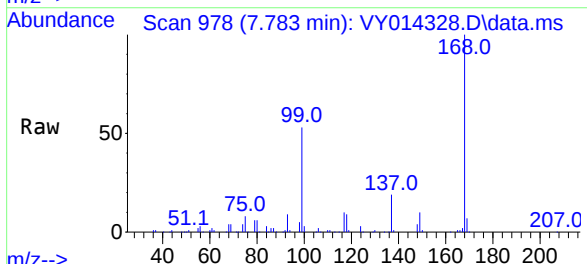
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

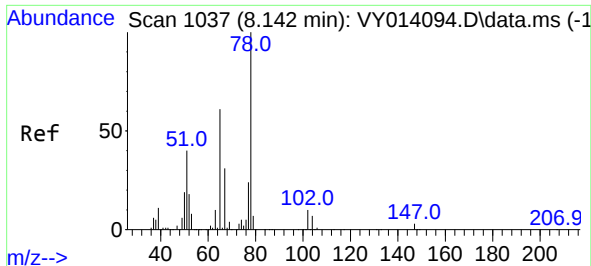
Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
58 74.5 22.7 34.1#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

Tgt Ion: 56 Resp: 3974
Ion Ratio Lower Upper
56 100
69 149.3 27.8 41.6#
84 108.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.221 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014328.D

Acq: 21 Jun 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

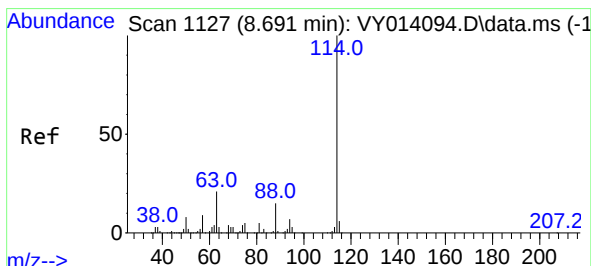
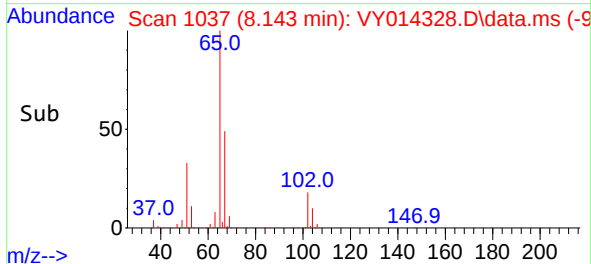
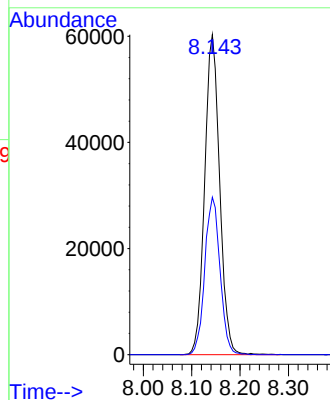
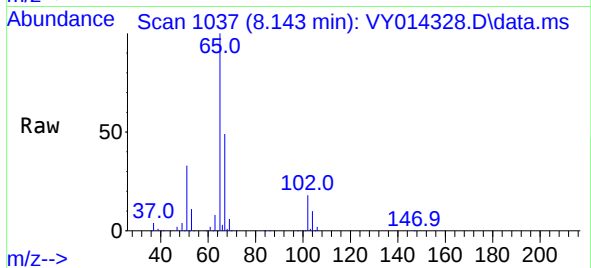
VY0621SBL01

Tgt Ion: 65 Resp: 130003

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014328.D

Acq: 21 Jun 2023 11:26

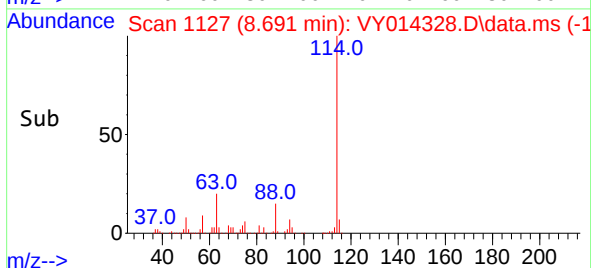
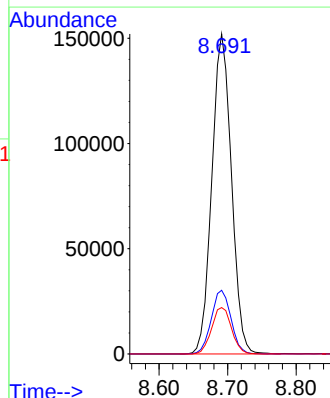
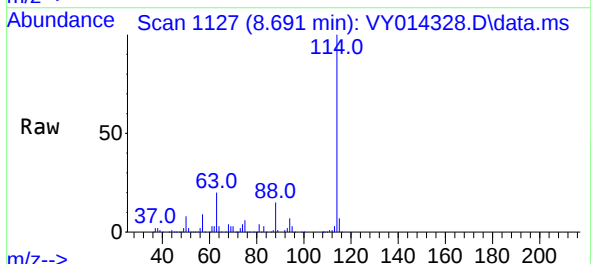
Tgt Ion: 114 Resp: 301190

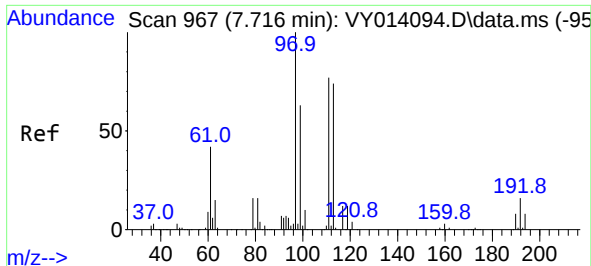
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 14.5 0.0 30.6

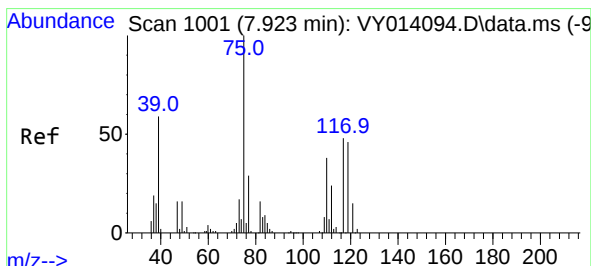
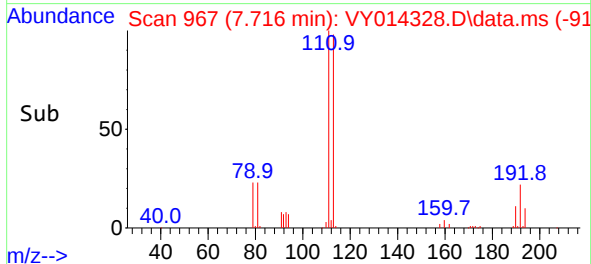
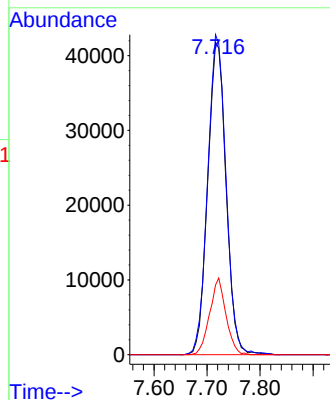
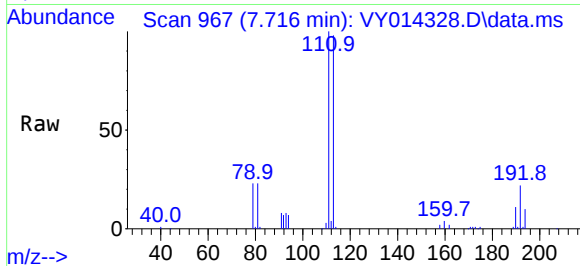




#35
Dibromofluoromethane
Concen: 47.004 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

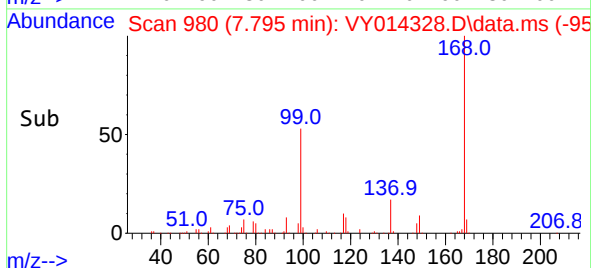
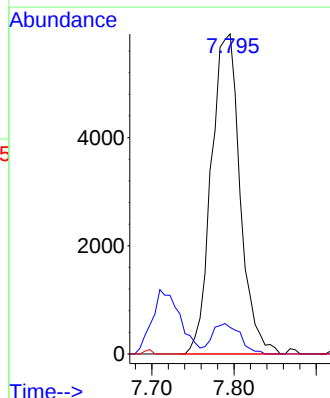
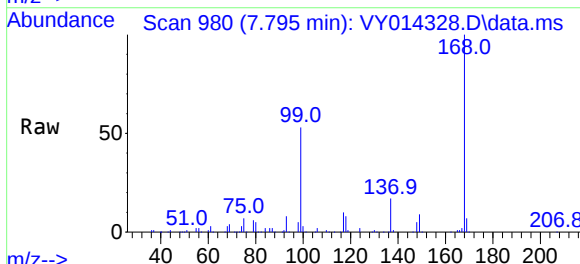
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

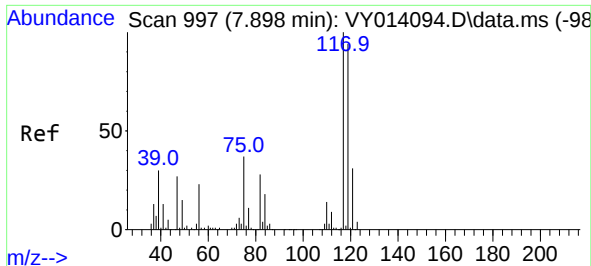
Tgt Ion:113 Resp: 100399
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

Tgt Ion: 75 Resp: 14366
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#

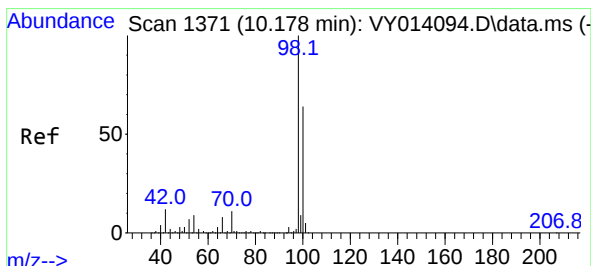
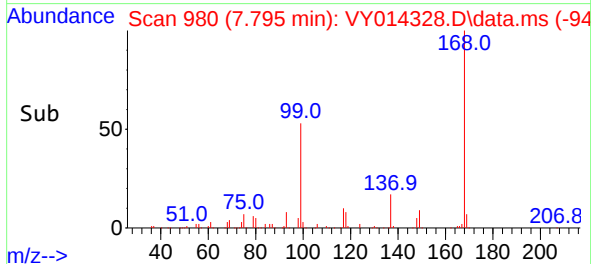
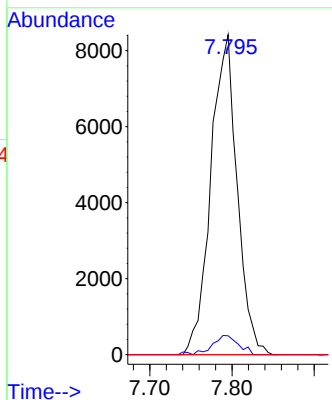
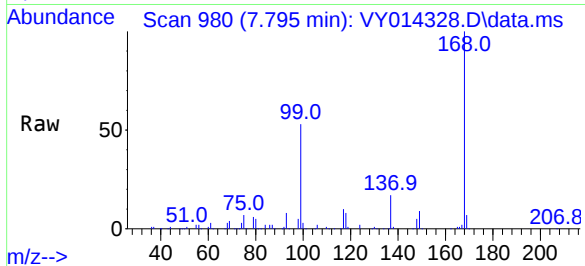




#38
Carbon Tetrachloride
Concen: 4.872 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

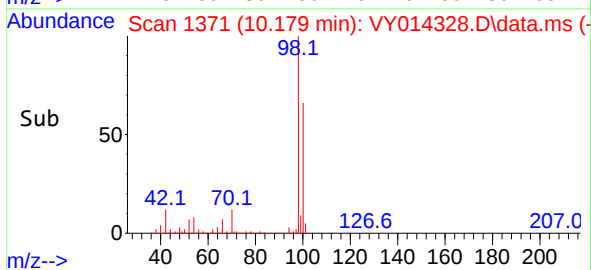
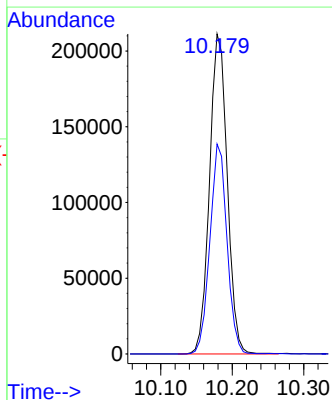
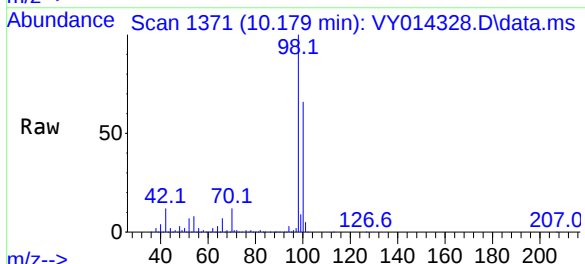
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

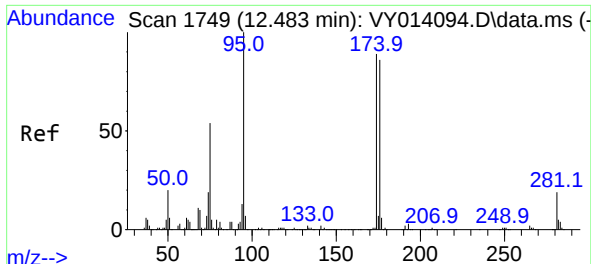
Tgt Ion:117 Resp: 18721
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.547 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

Tgt Ion: 98 Resp: 363715
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

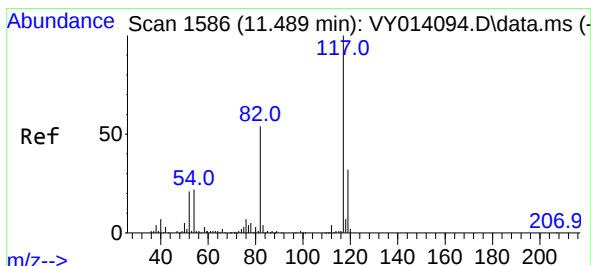
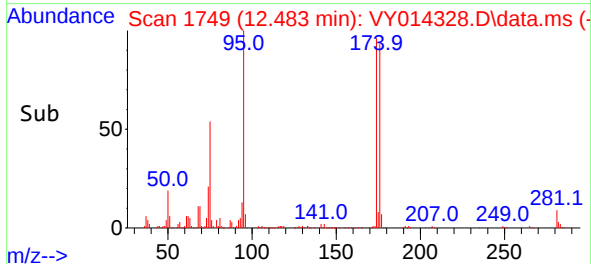
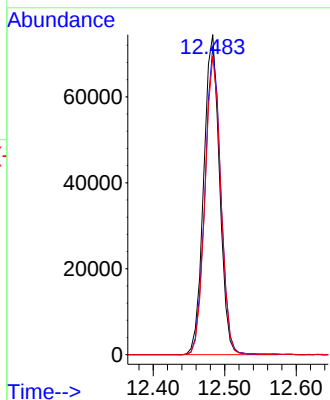
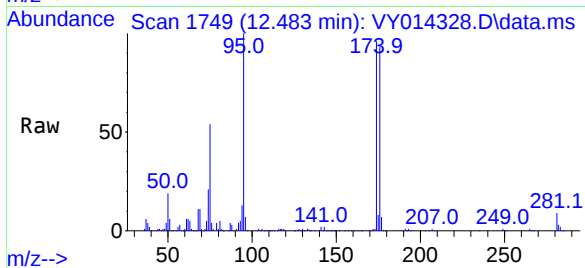




#62
4-Bromofluorobenzene
Concen: 40.489 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

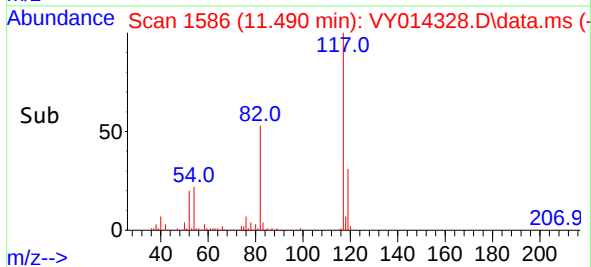
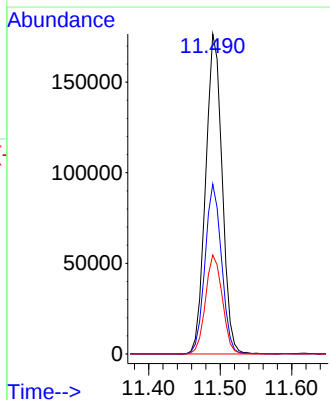
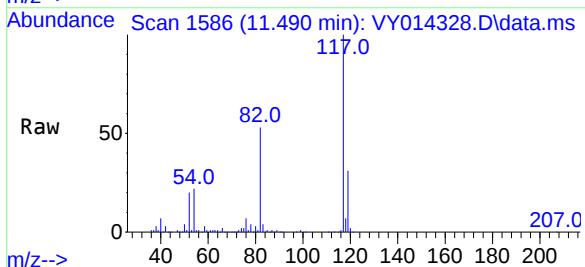
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

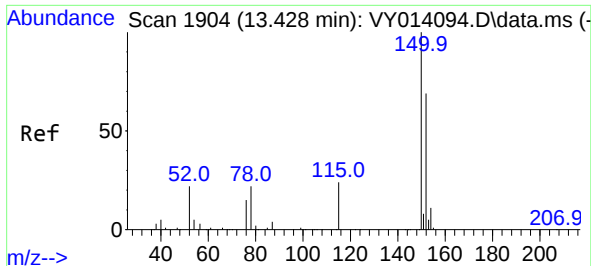
Tgt Ion: 95 Resp: 114856
Ion Ratio Lower Upper
95 100
174 95.2 0.0 178.2
176 92.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

Tgt Ion: 117 Resp: 283233
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.0 26.3 39.5

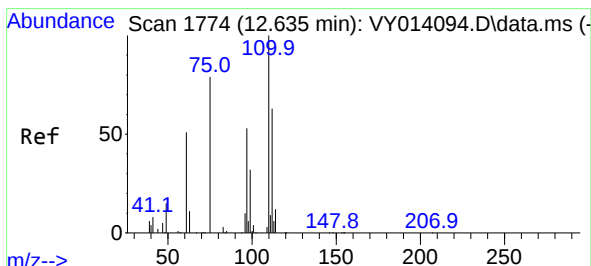
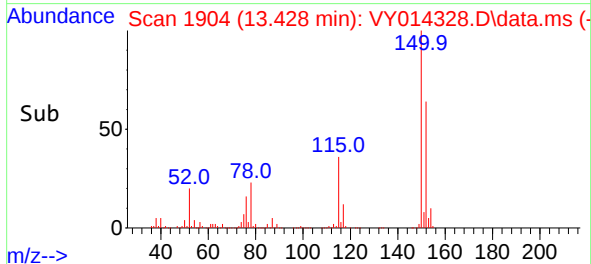
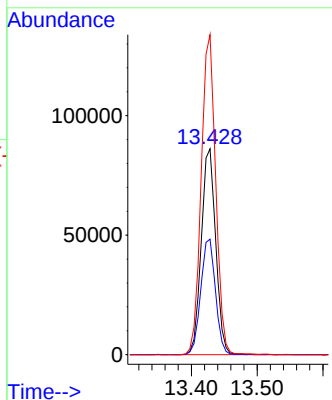
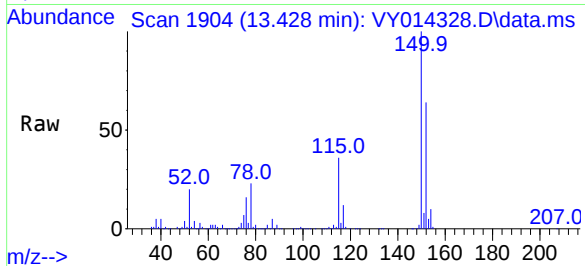




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

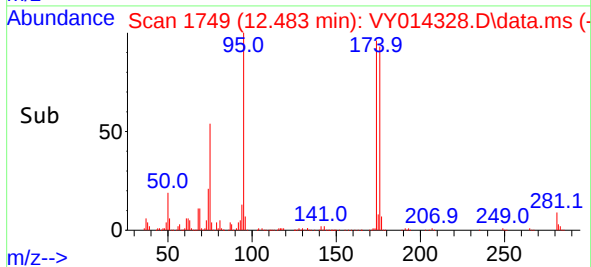
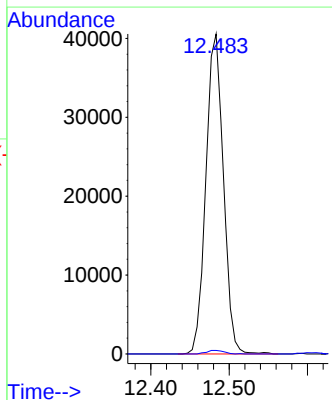
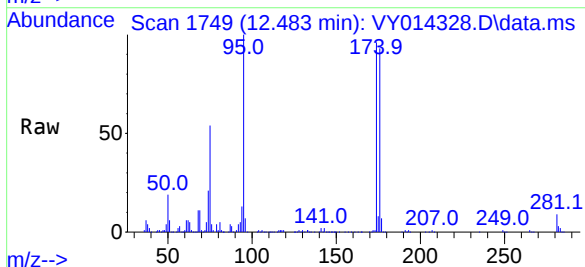
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

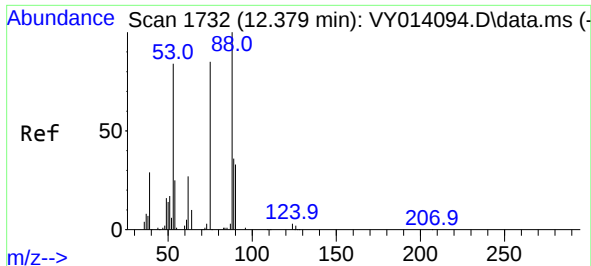
Tgt Ion:152 Resp: 131985
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 155.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.323 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

Tgt Ion: 75 Resp: 62898
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.517 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014328.D
 Acq: 21 Jun 2023 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBL01

Tgt Ion: 75 Resp: 62898
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.3 37.4 56.0#

