

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007944.D
 Acq On : 21 Mar 2022 11:01
 Operator : SY/MD
 Sample : VY0321SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

Quant Time: Mar 21 19:03:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

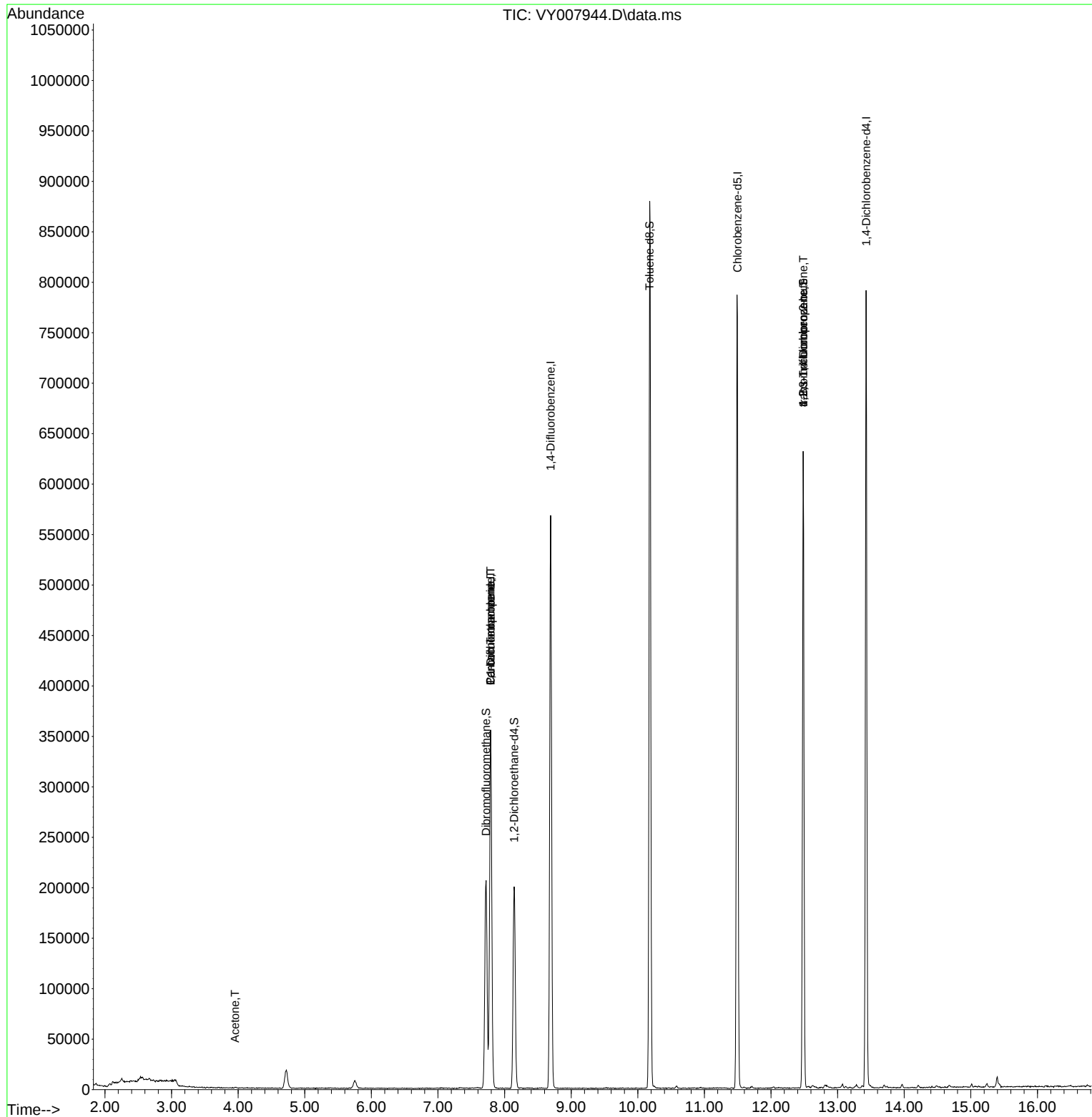
Internal Standards						
1) Pentafluorobenzene	7.789	168	271531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	491331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	441507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	157327	50.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.640%	
35) Dibromofluoromethane	7.722	113	150213	43.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.060%	
50) Toluene-d8	10.178	98	589894	57.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.000%	
62) 4-Bromofluorobenzene	12.483	95	202506	40.892	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.780%	
Target Compounds						
2) Dichlorodifluoromethane	1.899	85	27	Below Cal	#	43
3) Chloromethane	2.119	50	2473	Below Cal		98
4) Vinyl Chloride	2.265	62	167	Below Cal	#	43
5) Bromomethane	2.668	94	560	Below Cal	#	77
16) Acetone	3.954	43	1341	1.633	ug/l #	76
18) Methyl Acetate	4.466	43	234	Below Cal	#	56
20) Methylene Chloride	4.728	84	13830	Below Cal	#	79
31) Cyclohexane	7.795	56	6083	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	22173	4.332	ug/l #	50
38) Carbon Tetrachloride	7.789	117	28231	5.162	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	104716	38.824	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	104716	81.546	ug/l #	7

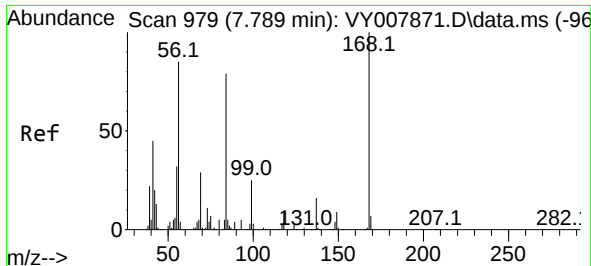
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007944.D
Acq On : 21 Mar 2022 11:01
Operator : SY/MD
Sample : VY0321SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

Quant Time: Mar 21 19:03:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

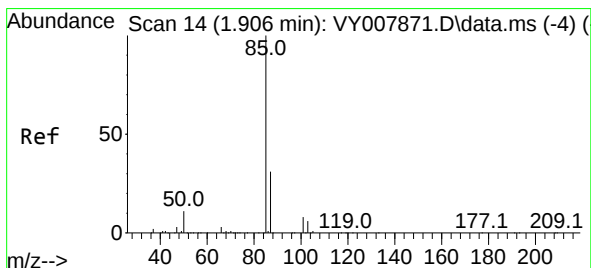
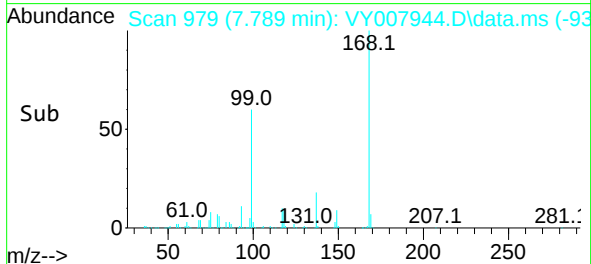
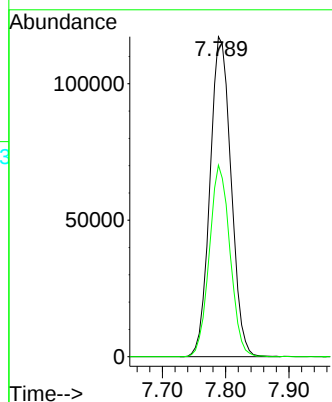
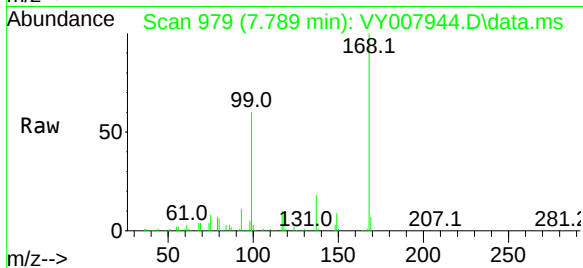




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

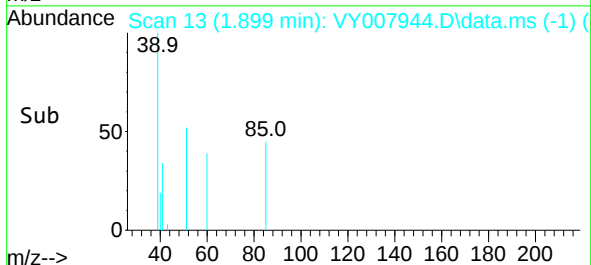
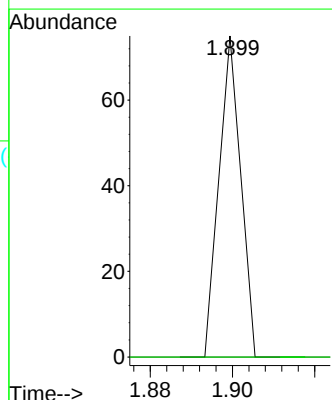
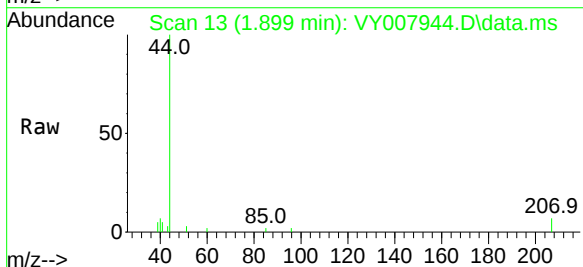
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

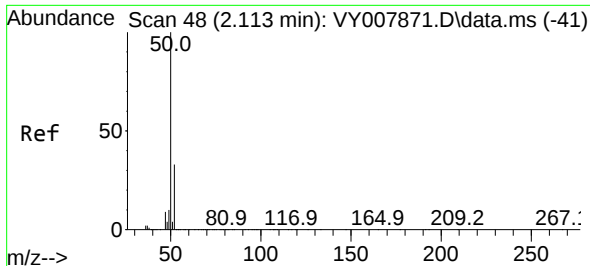
Tgt Ion:168 Resp: 271531
Ion Ratio Lower Upper
168 100
99 59.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 85 Resp: 27
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

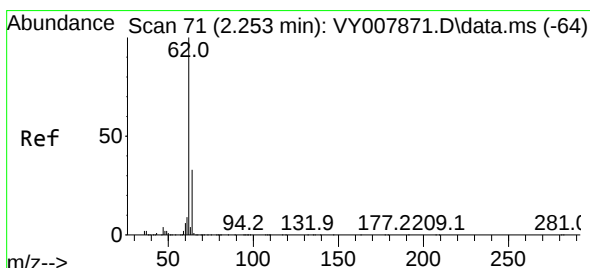
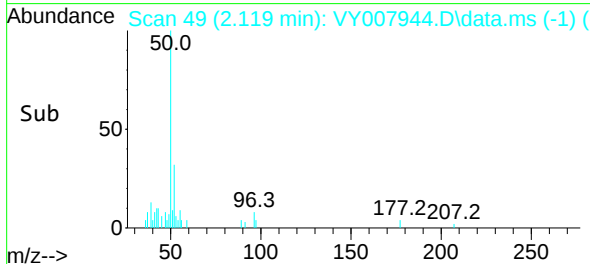
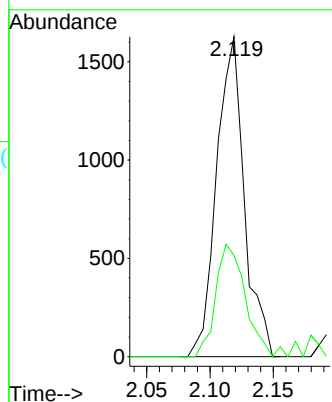
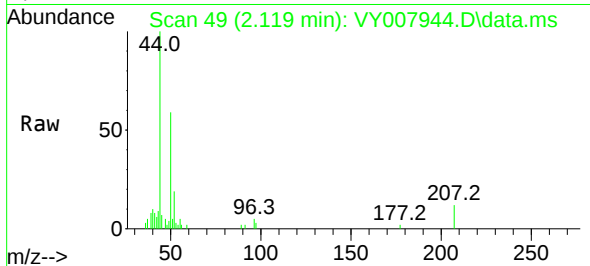




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

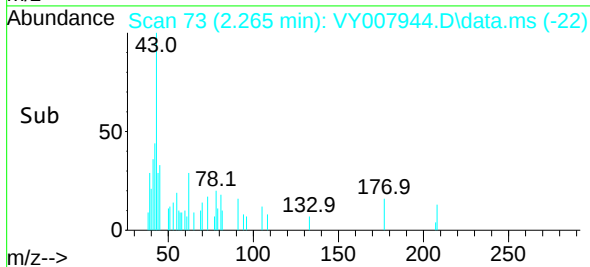
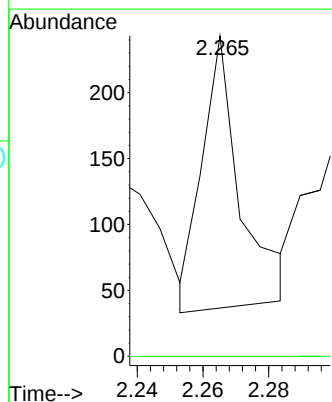
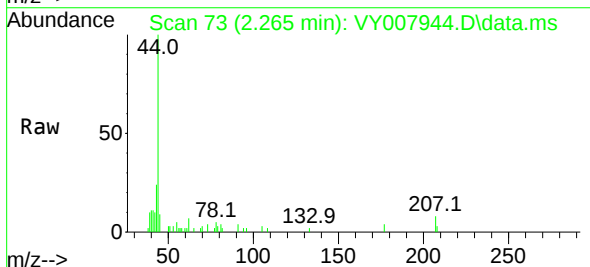
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

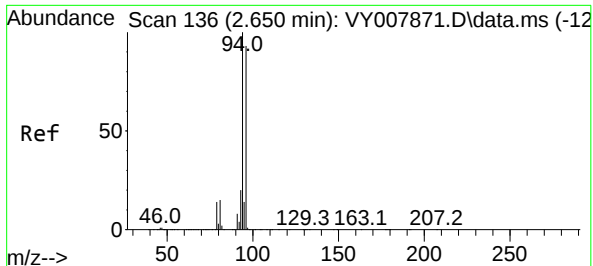
Tgt Ion: 50 Resp: 2473
Ion Ratio Lower Upper
50 100
52 31.6 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.265 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 62 Resp: 167
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

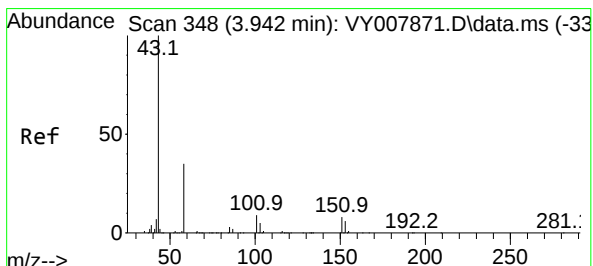
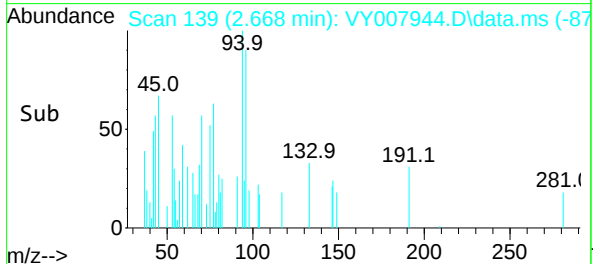
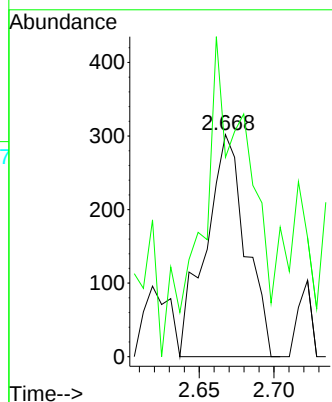
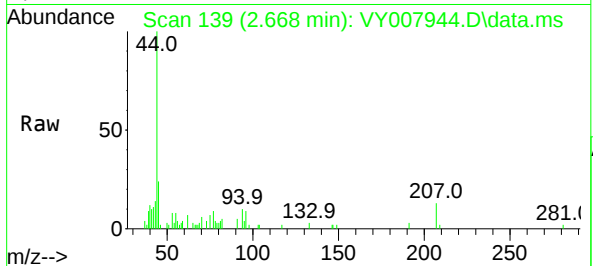




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

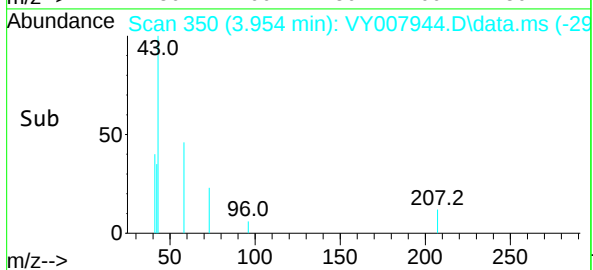
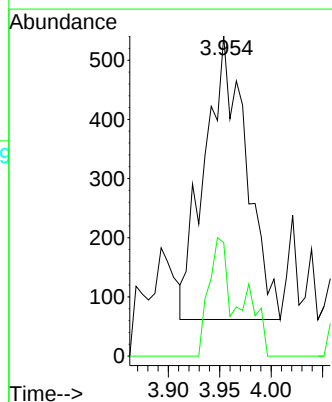
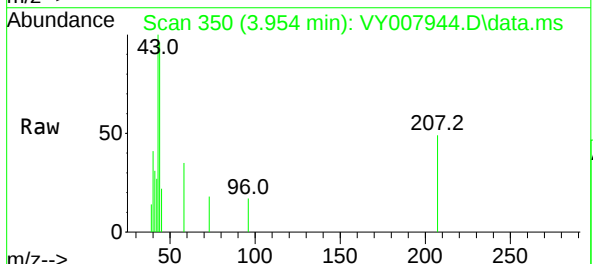
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

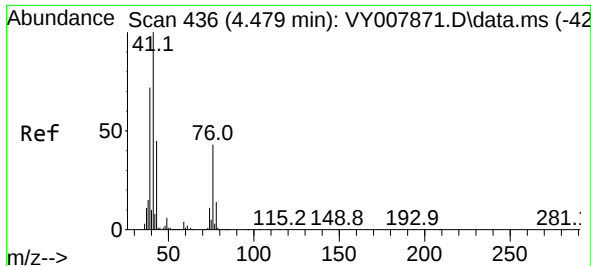
Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 69.9 73.5 110.3#



#16
Acetone
Concen: 1.633 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 40.1 22.0 33.0#

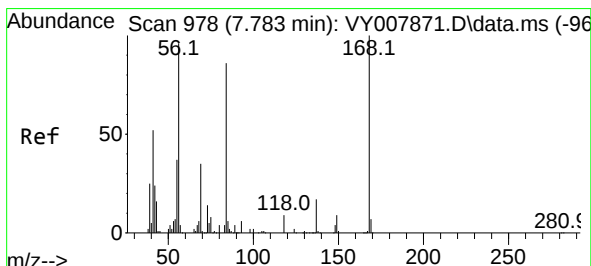
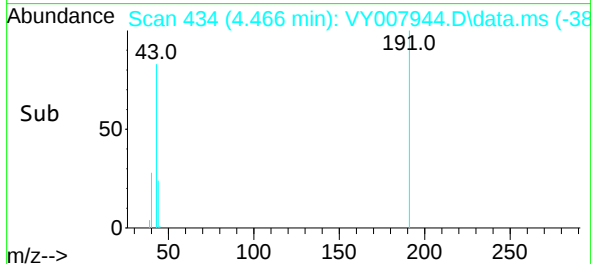
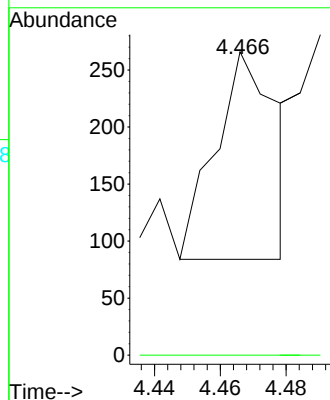
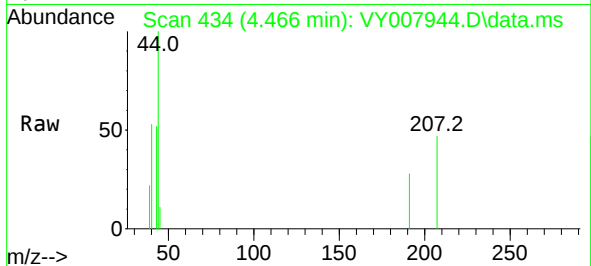




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

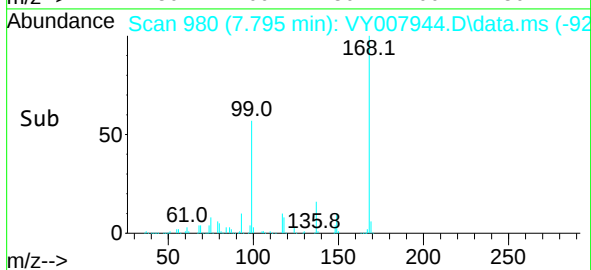
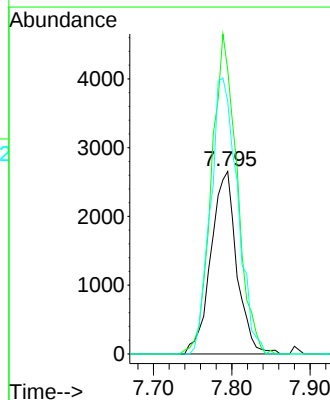
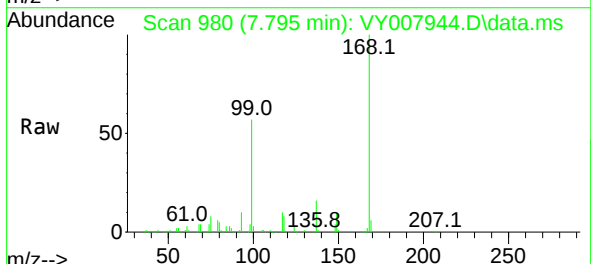
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

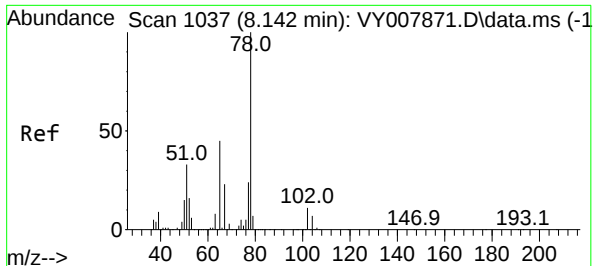
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 56 Resp: 6083
Ion Ratio Lower Upper
56 100
69 155.6 26.7 40.1#
84 138.5 67.2 100.8#

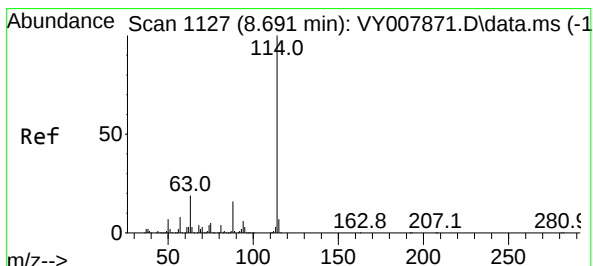
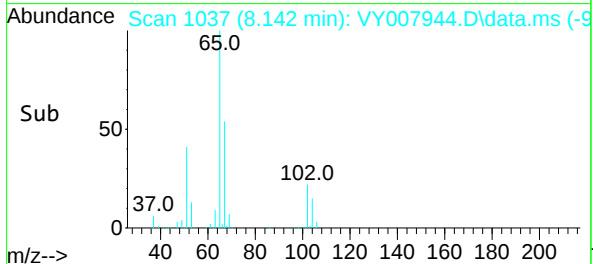
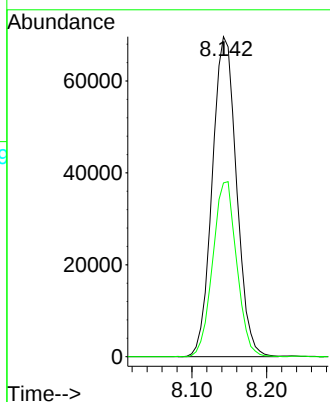
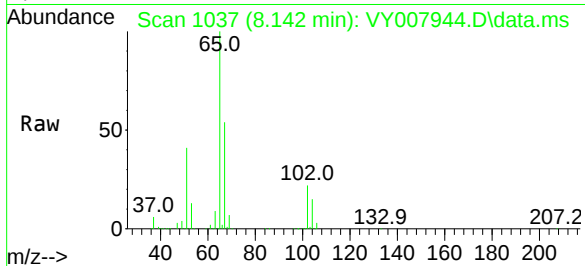




#33
1,2-Dichloroethane-d4
Concen: 50.817 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

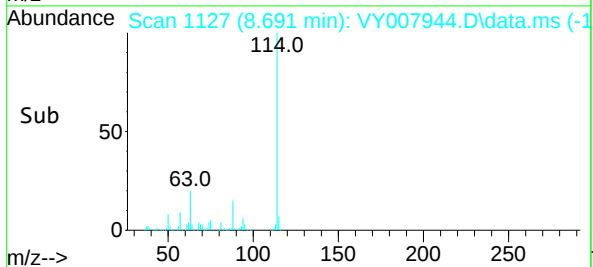
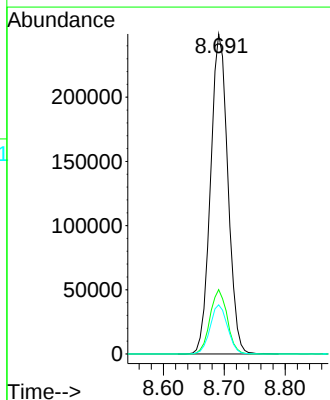
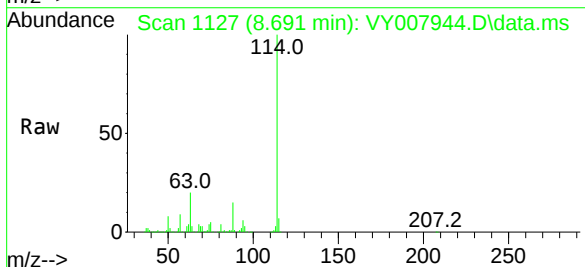
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

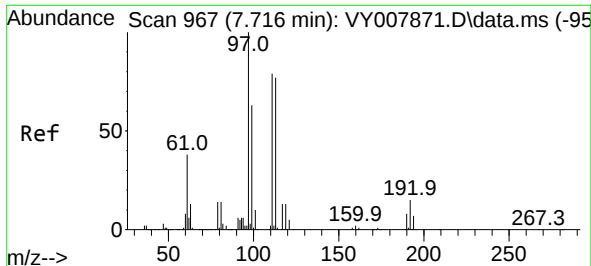
Tgt Ion: 65 Resp: 157327
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 114 Resp: 491331
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.4 0.0 31.8

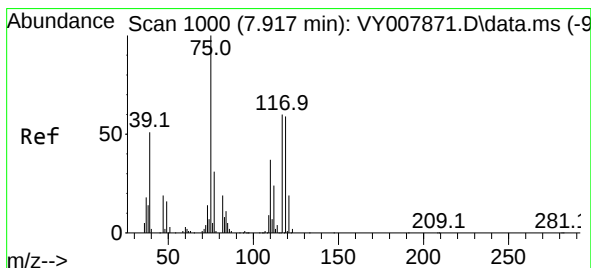
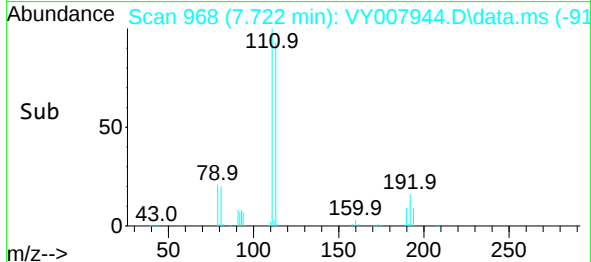
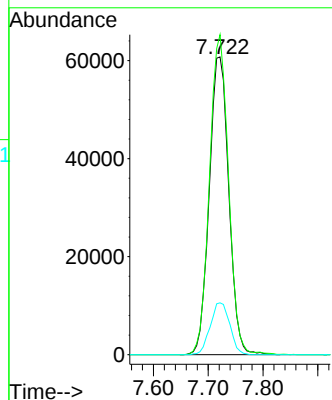
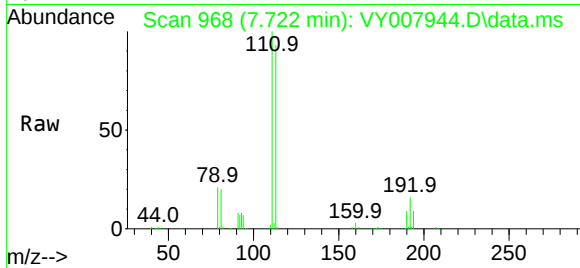




#35
Dibromofluoromethane
Concen: 43.533 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

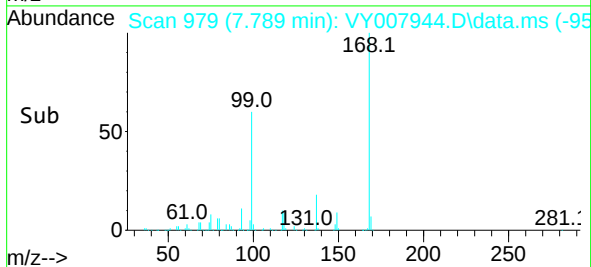
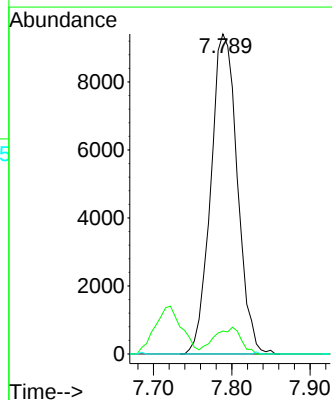
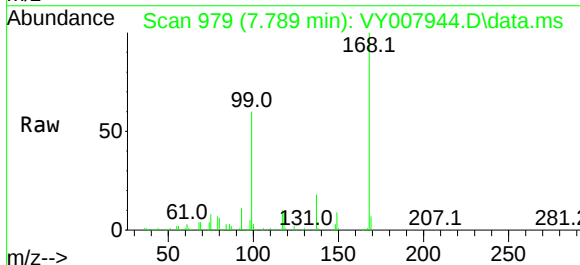
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

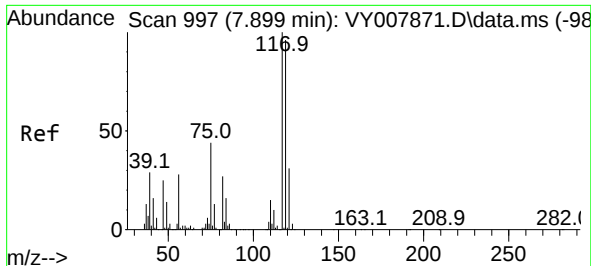
Tgt Ion:113 Resp: 150213
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 17.4 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 75 Resp: 22173
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

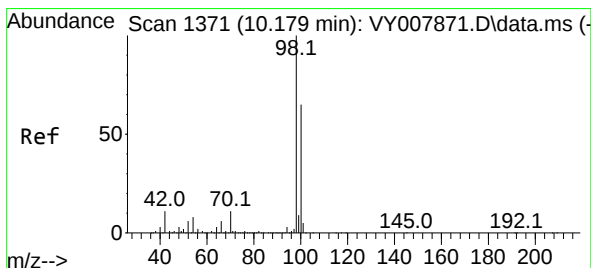
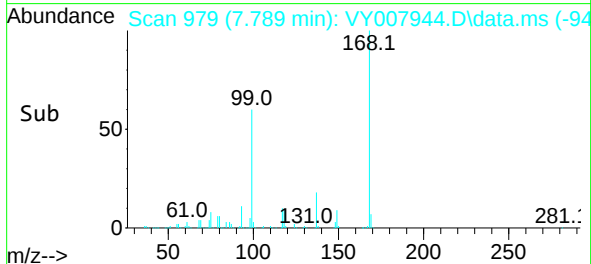
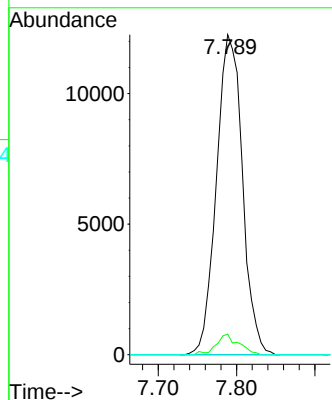
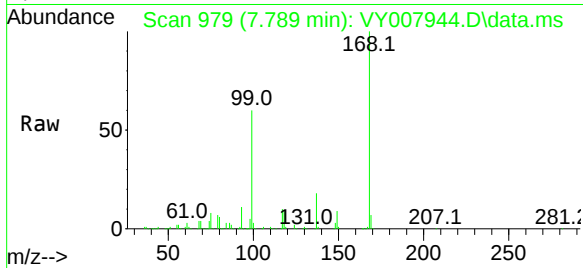




#38
Carbon Tetrachloride
Concen: 5.162 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

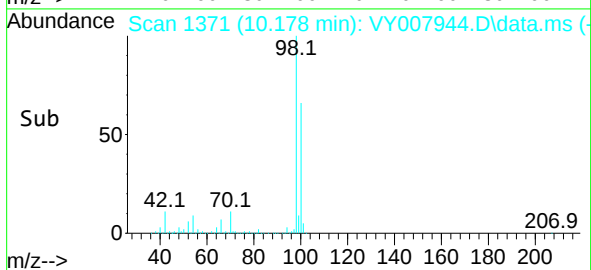
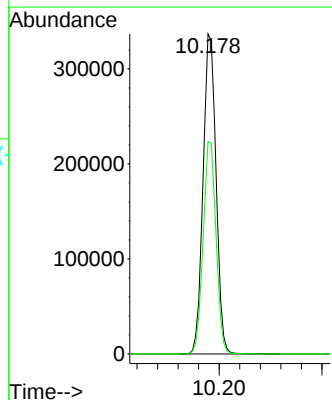
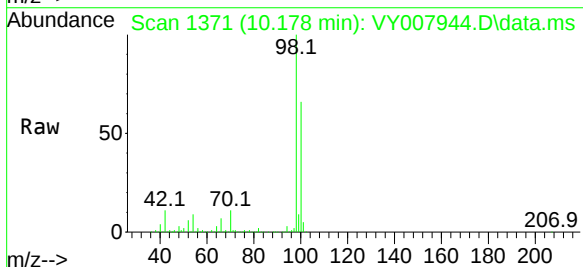
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

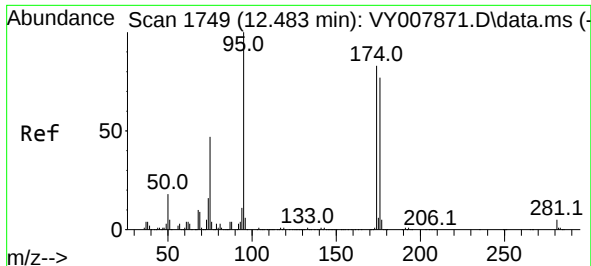
Tgt Ion:117 Resp: 28231
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.501 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 98 Resp: 589894
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

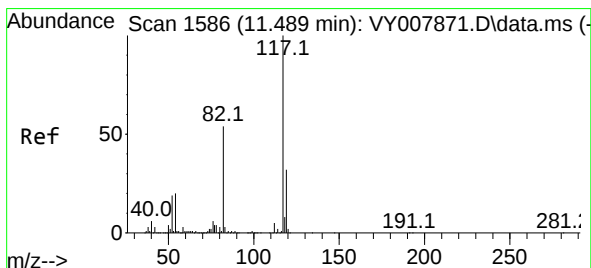
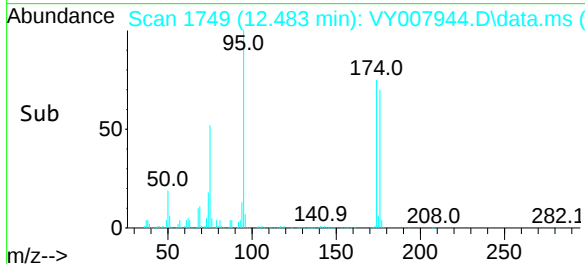
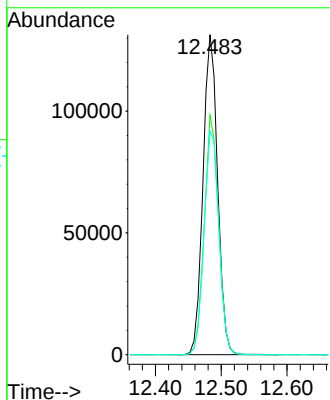
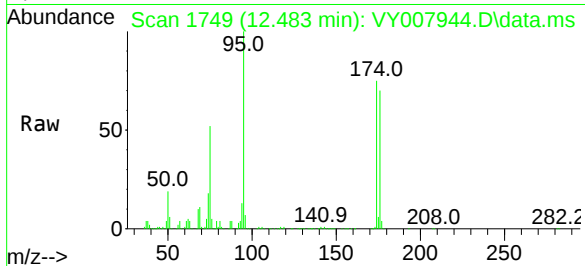




#62
4-Bromofluorobenzene
Concen: 40.892 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

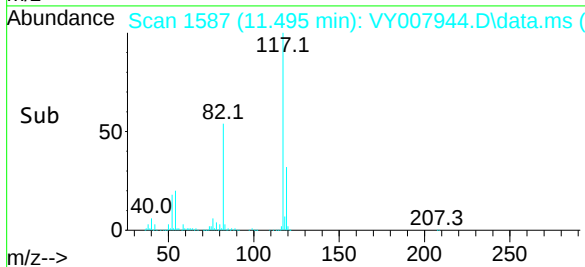
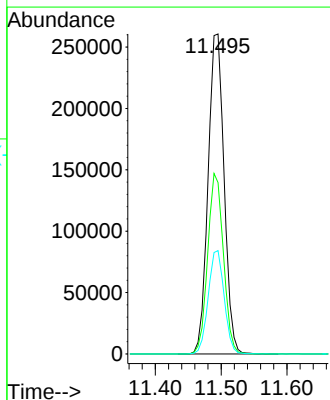
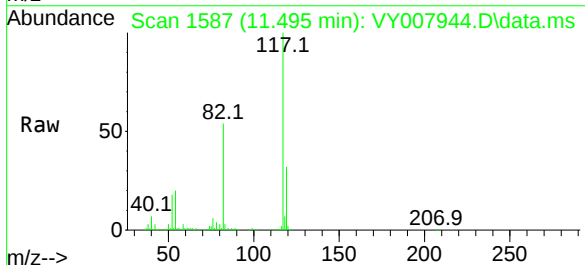
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

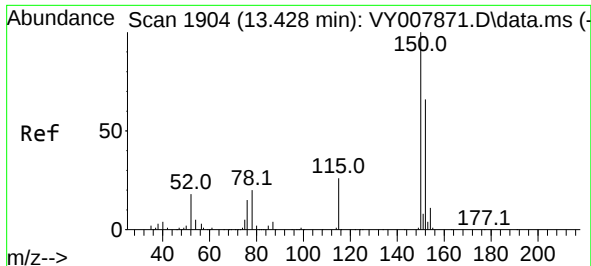
Tgt Ion: 95 Resp: 202506
Ion Ratio Lower Upper
95 100
174 73.6 0.0 177.0
176 70.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 117 Resp: 441507
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.3 25.4 38.0

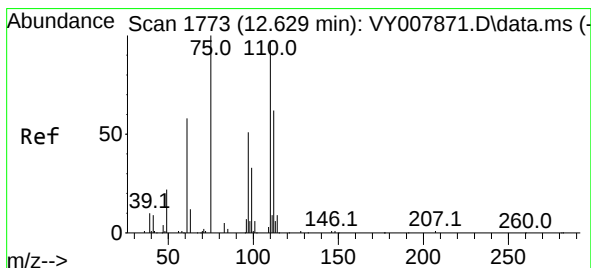
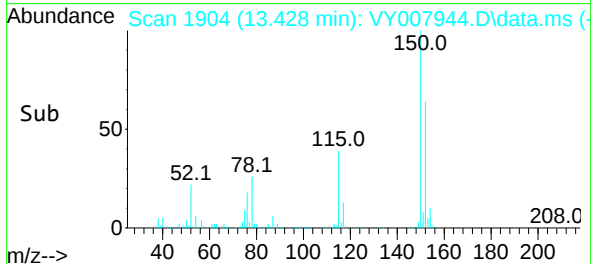
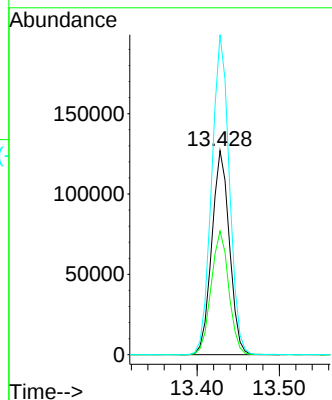
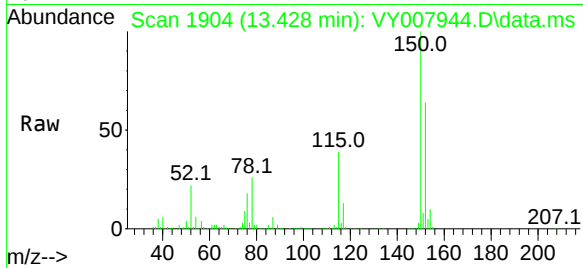




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY007944.D
 Acq: 21 Mar 2022 11:01

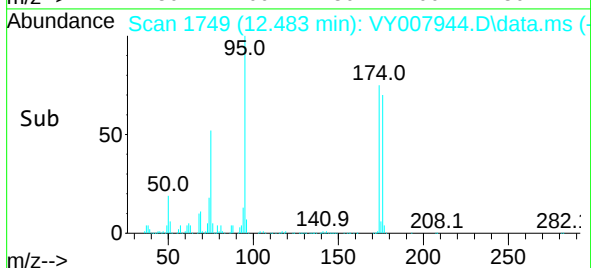
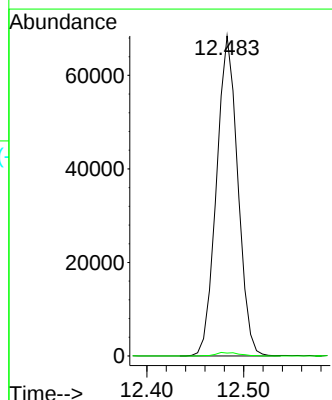
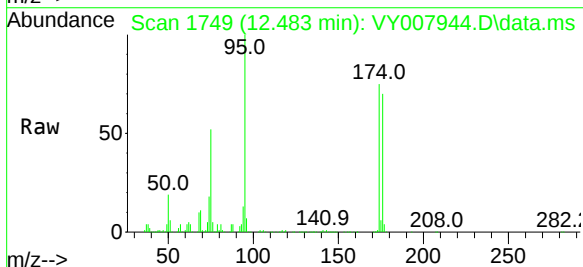
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

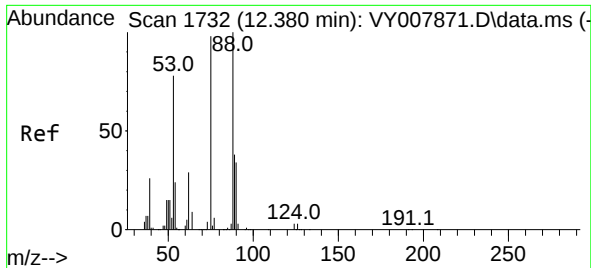
Tgt Ion:152 Resp: 189233
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.824 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007944.D
 Acq: 21 Mar 2022 11:01

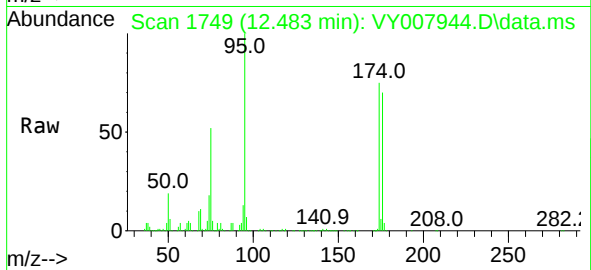
Tgt Ion: 75 Resp: 104716
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.546 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007944.D
 Acq: 21 Mar 2022 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01



Tgt Ion: 75 Resp: 104716
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

