

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007919.D
 Acq On : 18 Mar 2022 22:56
 Operator : SY/MD
 Sample : VY0318SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL02

Quant Time: Mar 19 01:40:17 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)

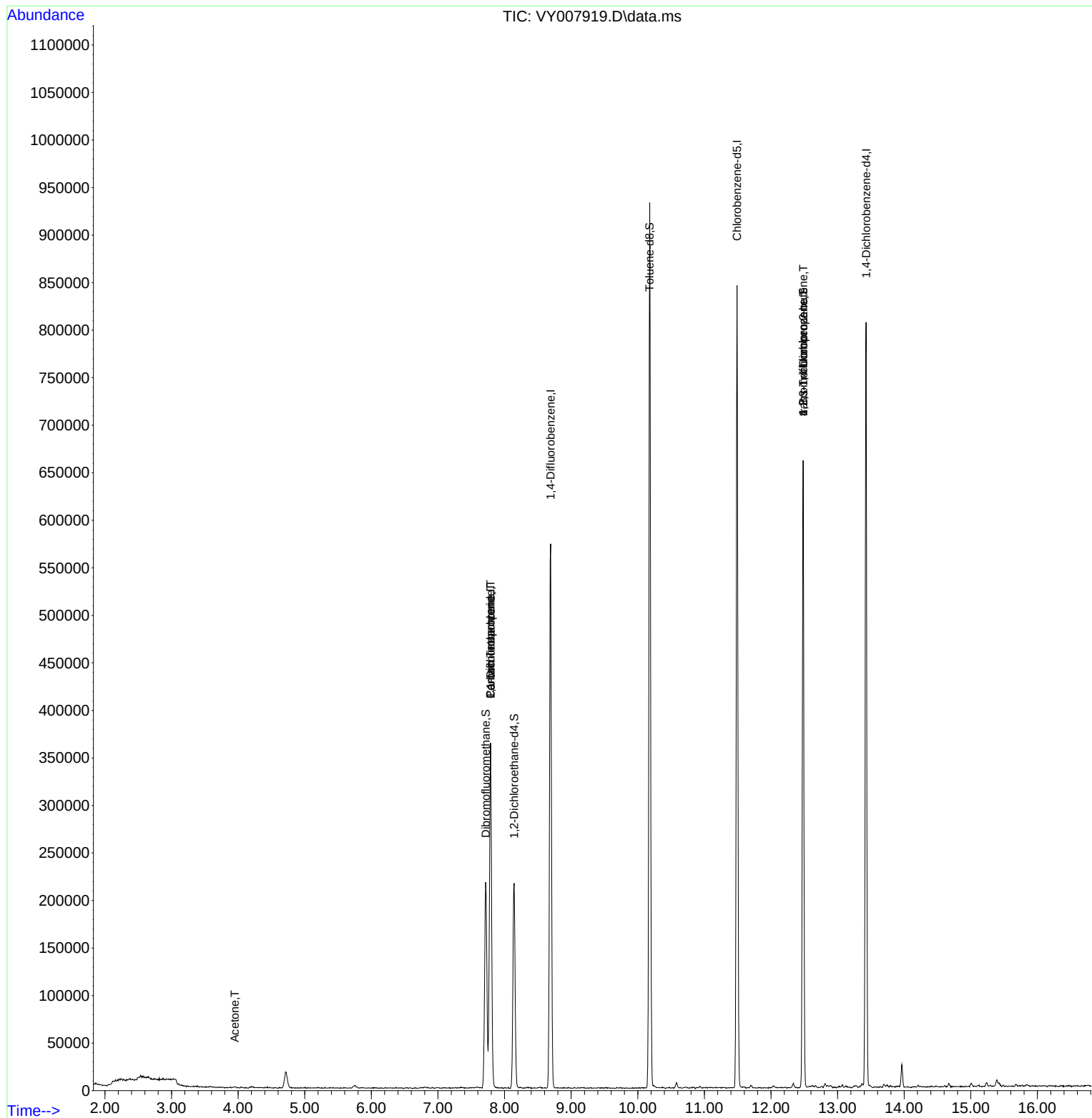
Internal Standards						
1) Pentafluorobenzene	7.789	168	267364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	498753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	455612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	166744	54.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.400%			
35) Dibromofluoromethane	7.716	113	154861	44.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.420%			
50) Toluene-d8	10.179	98	604384	58.097	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.200%			
62) 4-Bromofluorobenzene	12.483	95	210797	41.933	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.860%			
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	178	Below Cal	#	43
3) Chloromethane	2.113	50	959	Below Cal	#	79
4) Vinyl Chloride	2.247	62	201	Below Cal	#	43
5) Bromomethane	2.656	94	879	Below Cal	#	48
16) Acetone	3.948	43	1505	1.861	ug/l #	70
17) Carbon Disulfide	4.198	76	115	Below Cal	#	75
18) Methyl Acetate	4.473	43	578	Below Cal	#	56
20) Methylene Chloride	4.710	84	12772	Below Cal		83
31) Cyclohexane	7.789	56	6329	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	22056	4.245	ug/l #	51
38) Carbon Tetrachloride	7.789	117	28022	5.048	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	109256	39.094	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109256	82.113	ug/l #	7

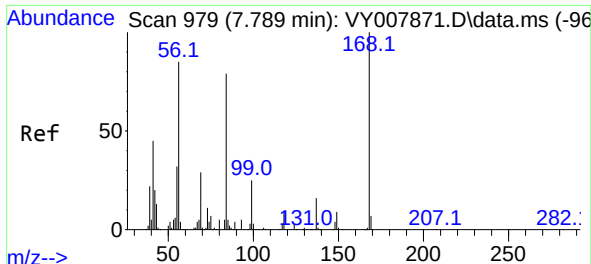
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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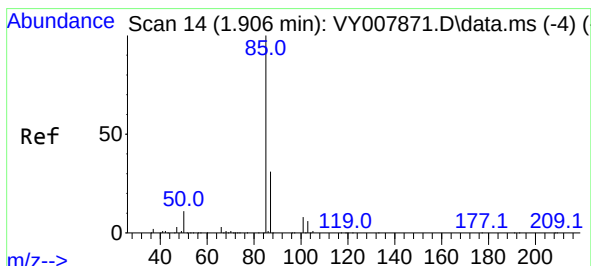
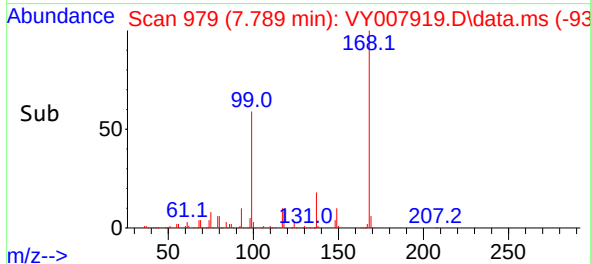
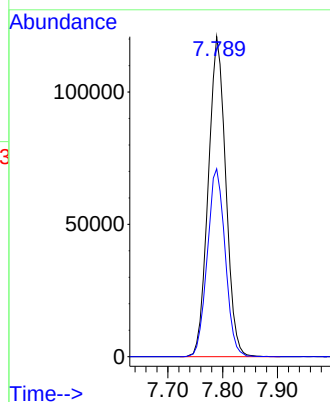
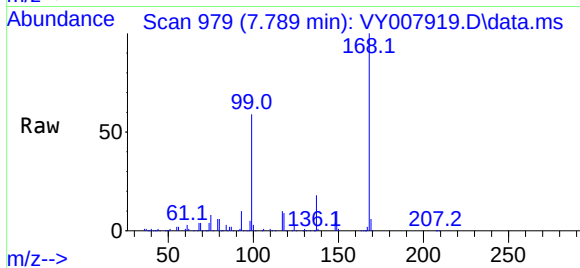




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

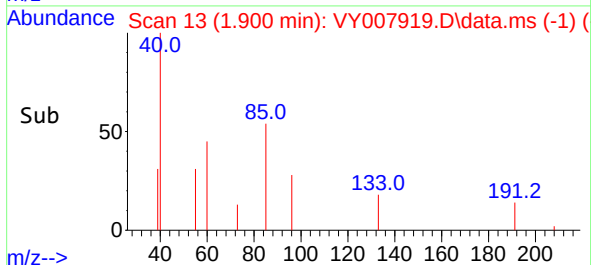
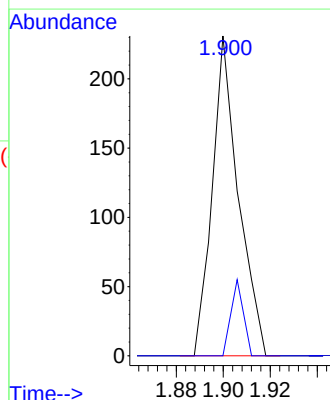
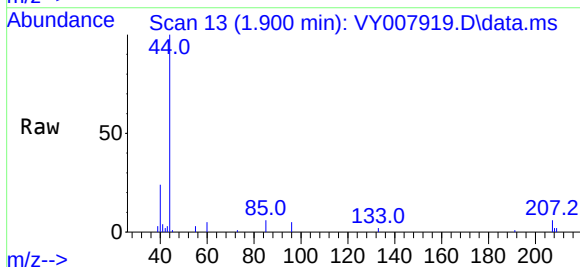
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

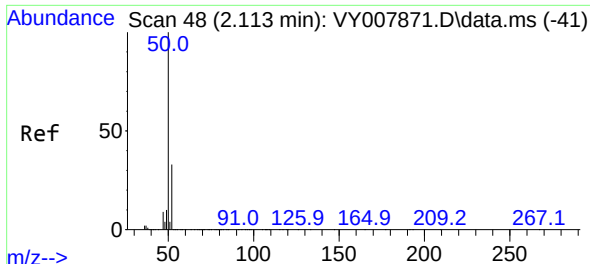
Tgt Ion:168 Resp: 267364
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 85 Resp: 178
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

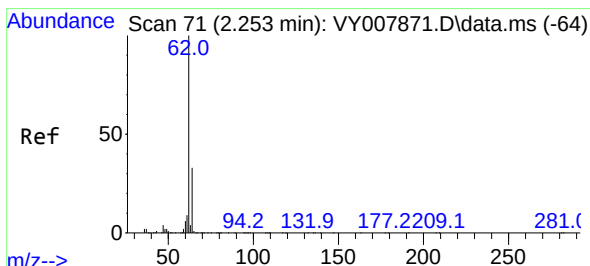
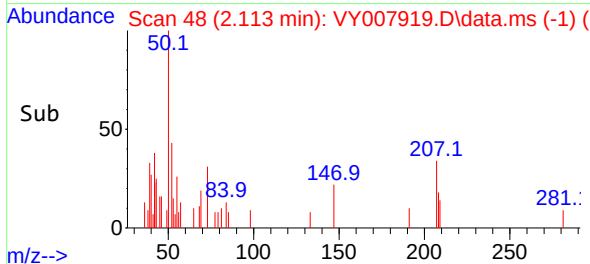
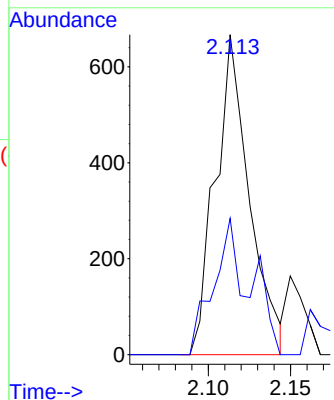
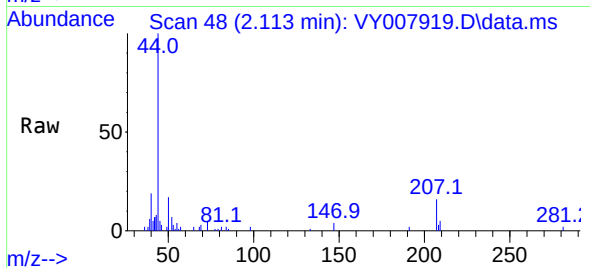




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

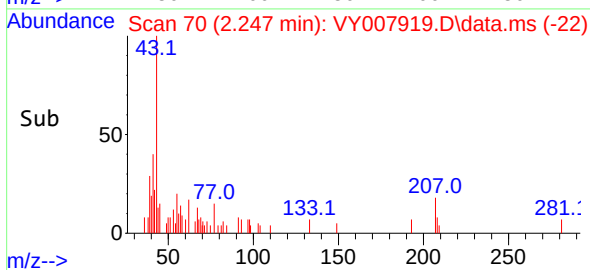
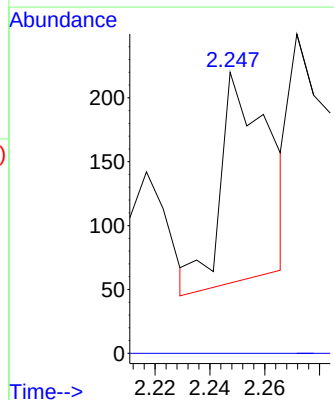
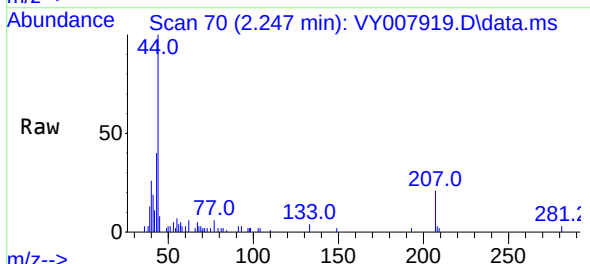
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

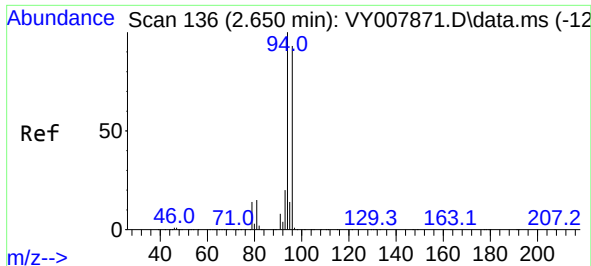
Tgt Ion: 50 Resp: 959
Ion Ratio Lower Upper
50 100
52 42.6 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 62 Resp: 201
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

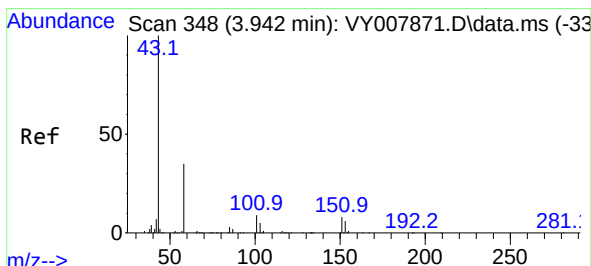
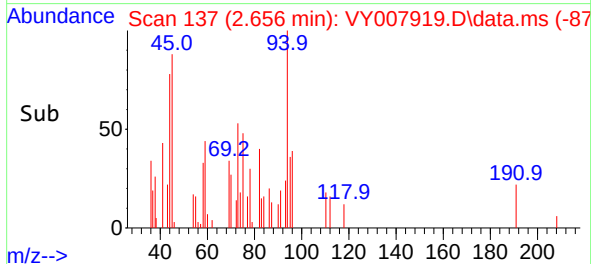
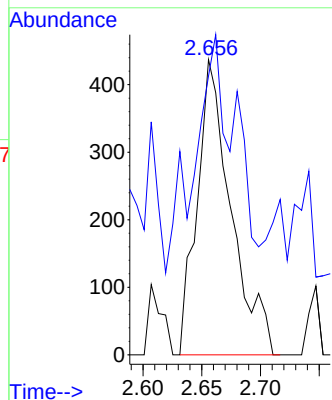
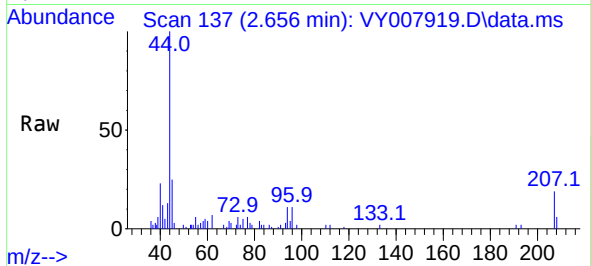




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

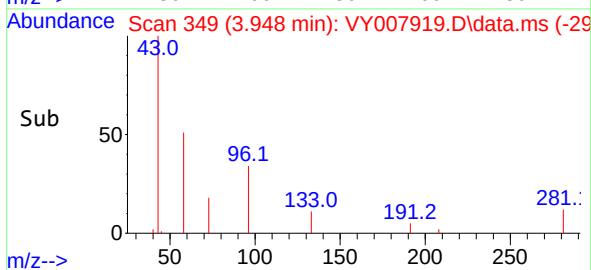
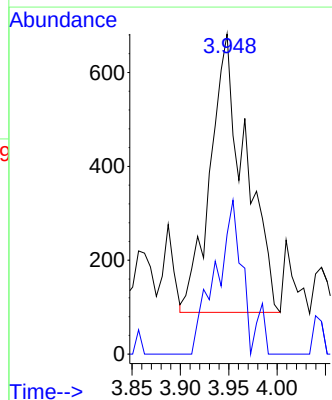
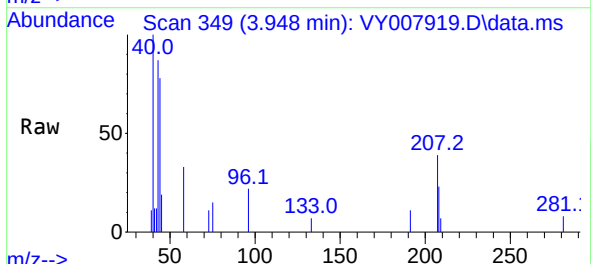
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

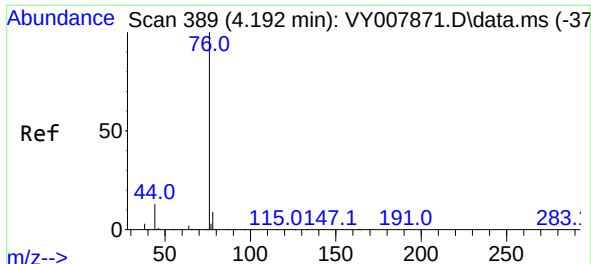
Tgt Ion: 94 Resp: 879
Ion Ratio Lower Upper
94 100
96 41.9 73.5 110.3#



#16
Acetone
Concen: 1.861 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 43.0 22.0 33.0#

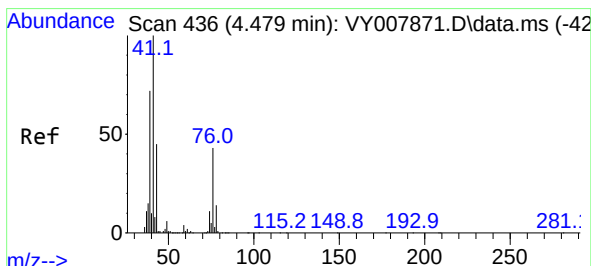
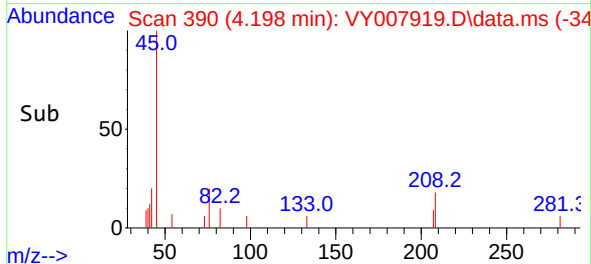
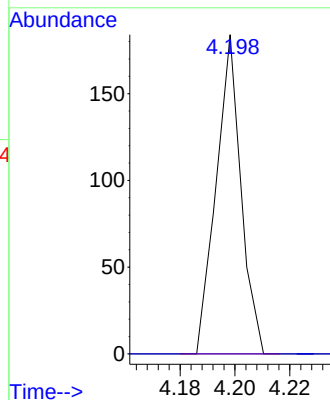
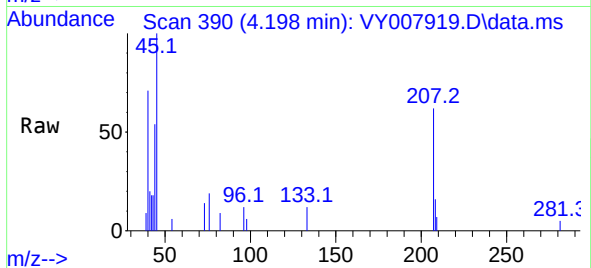




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

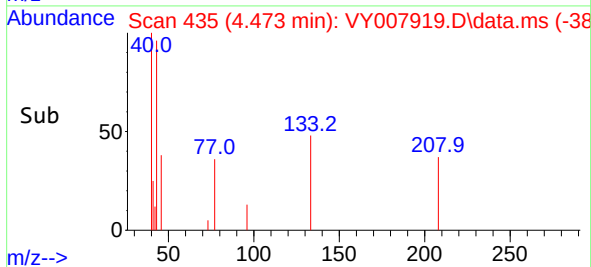
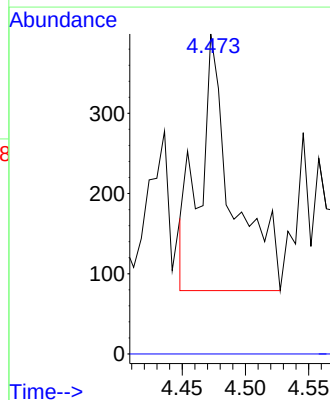
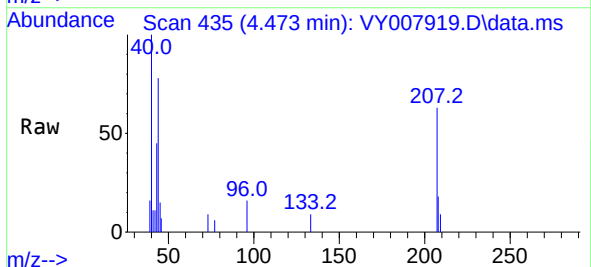
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

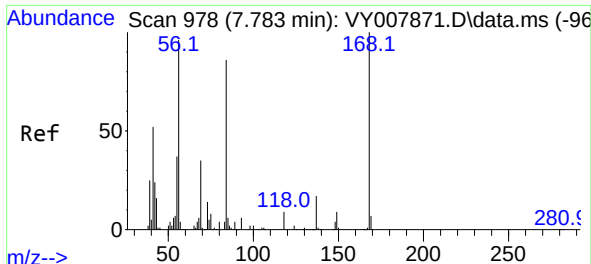
Tgt Ion: 76 Resp: 115
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

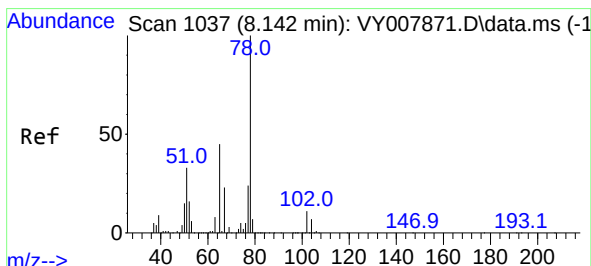
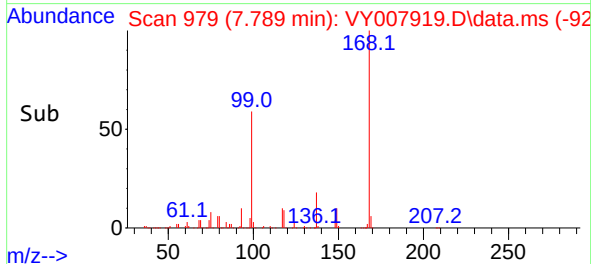
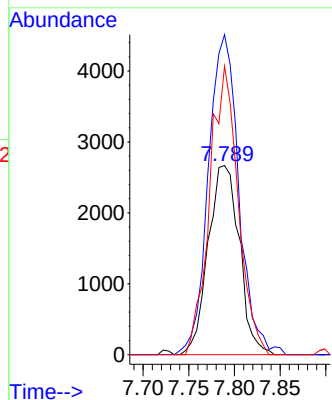
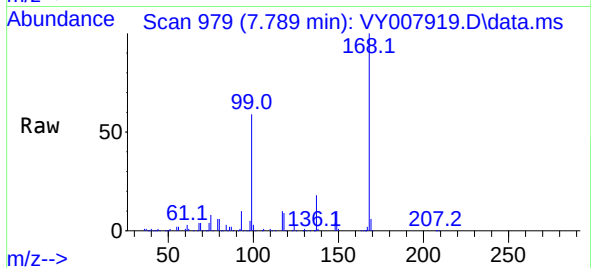




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

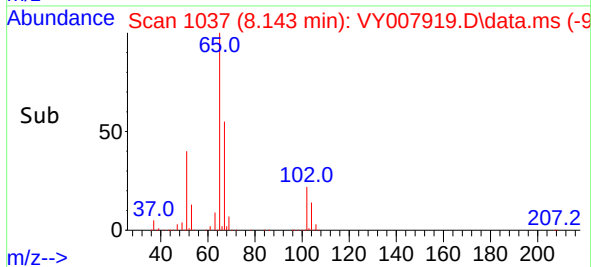
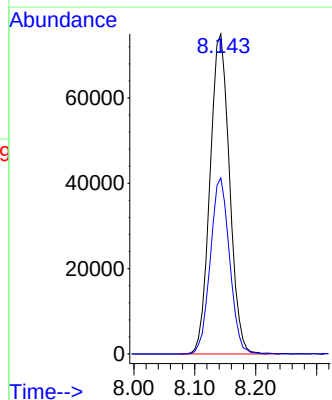
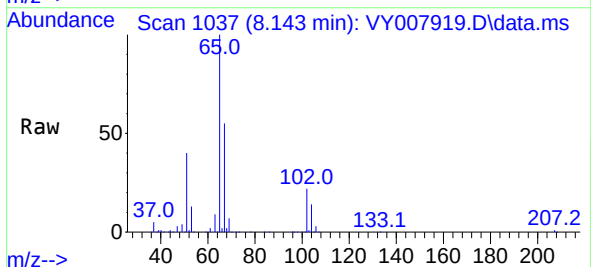
Instrument :
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ClientSampleId :
VY0318SBL02

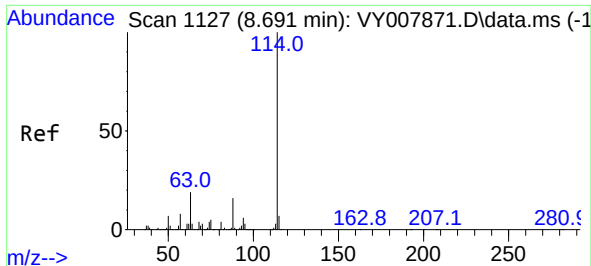
Tgt Ion: 56 Resp: 6329
Ion Ratio Lower Upper
56 100
69 166.9 26.7 40.1#
84 152.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.698 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 65 Resp: 166744
Ion Ratio Lower Upper
65 100
67 54.1 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: VY007919.D

Acq: 18 Mar 2022 22:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBL02

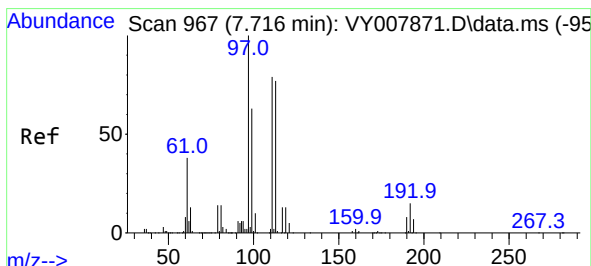
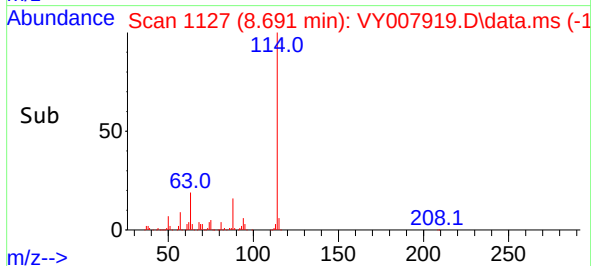
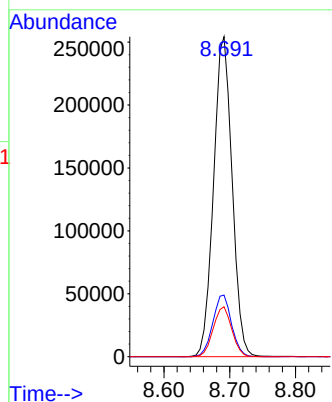
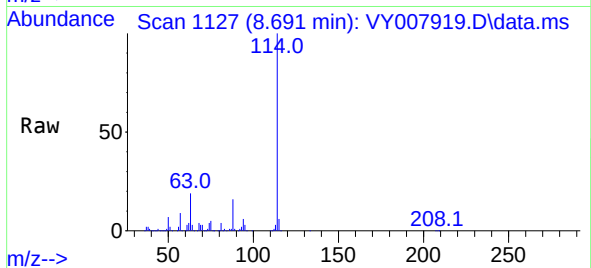
Tgt Ion:114 Resp: 498753

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.212 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007919.D

Acq: 18 Mar 2022 22:56

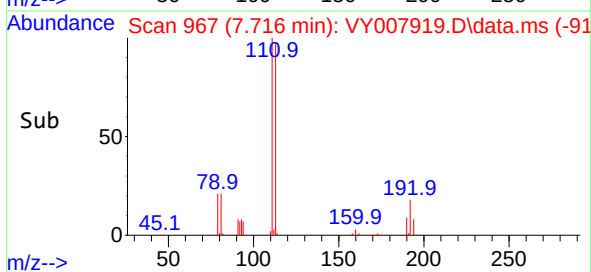
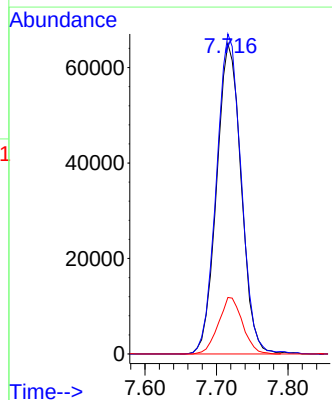
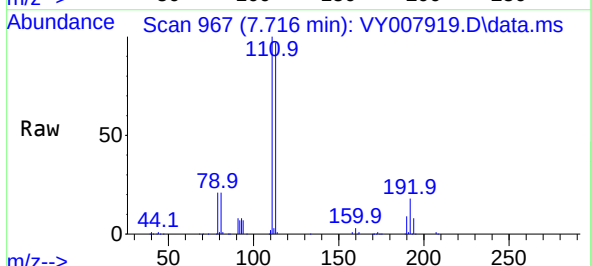
Tgt Ion:113 Resp: 154861

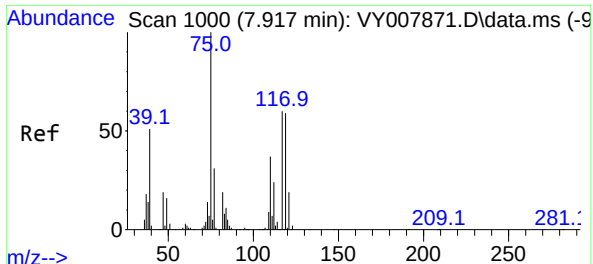
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 17.9 17.6 26.4

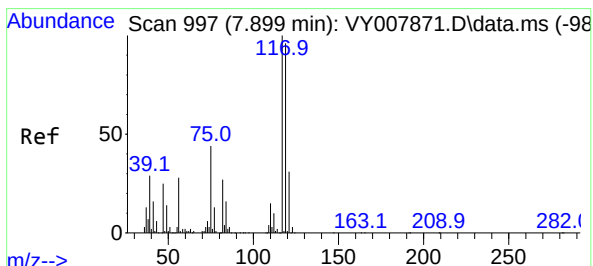
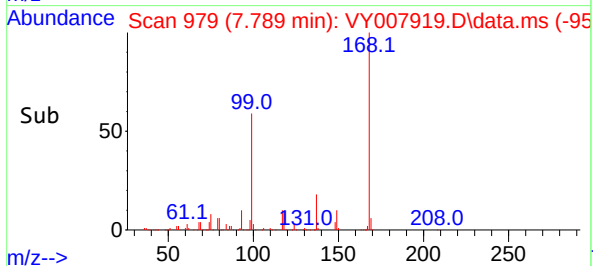
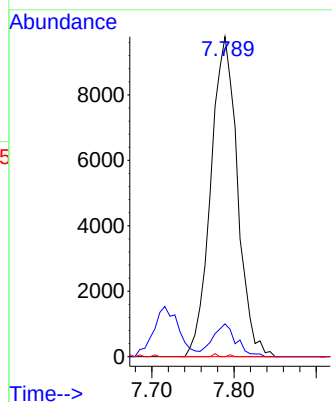
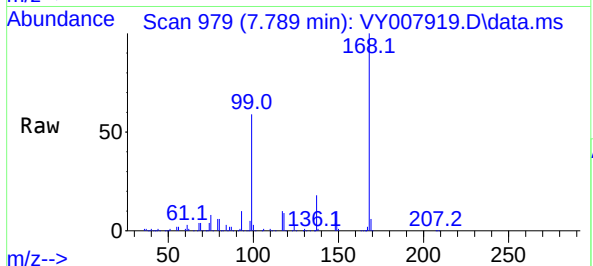




#36
1,1-Dichloropropene
Concen: 4.245 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

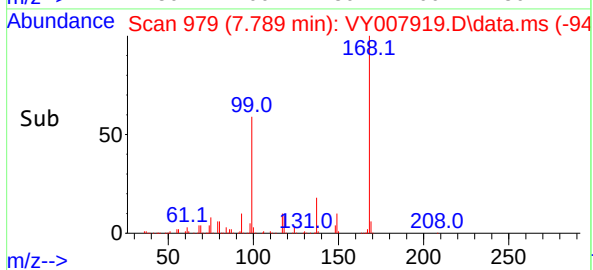
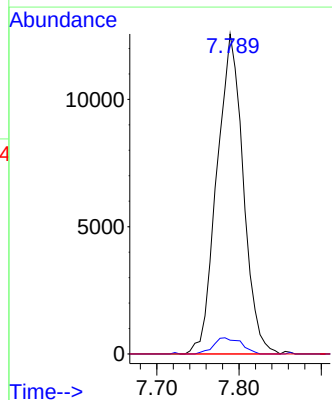
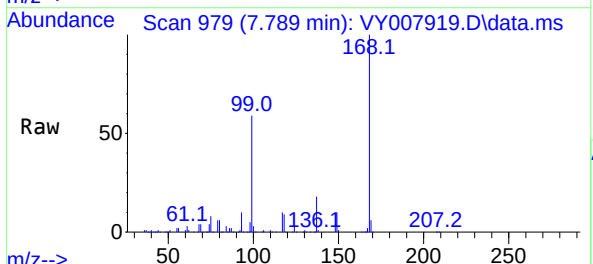
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

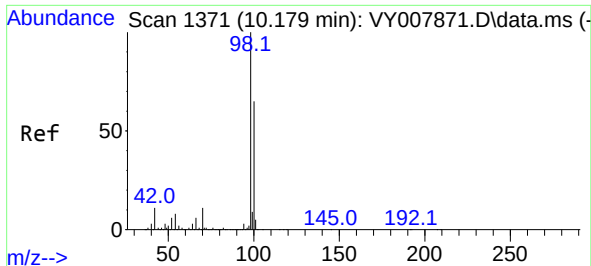
Tgt Ion: 75 Resp: 22056
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.048 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 117 Resp: 28022
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

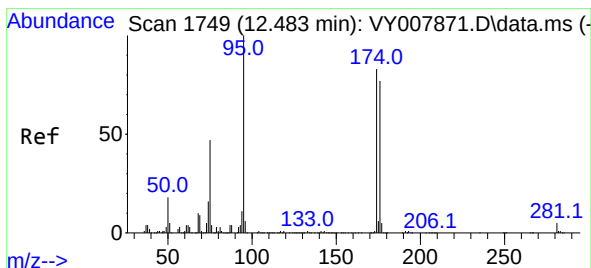
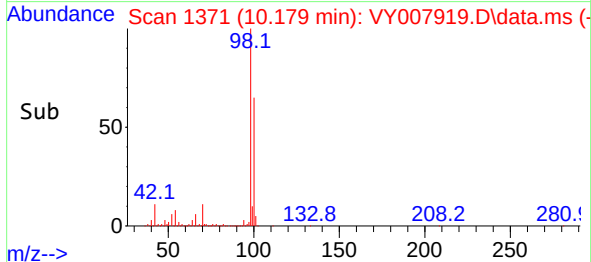
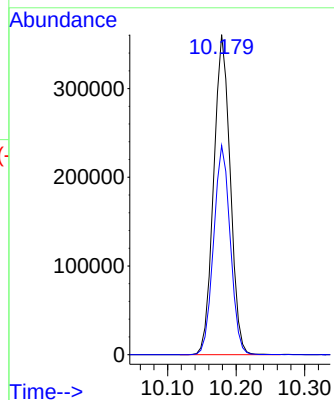
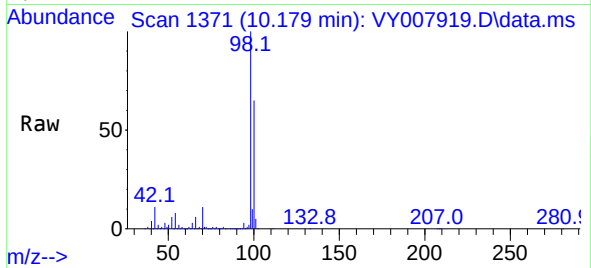




#50
Toluene-d8
Concen: 58.097 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

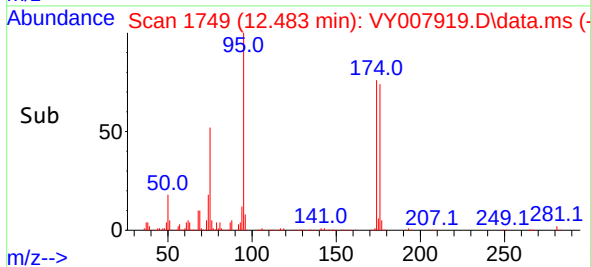
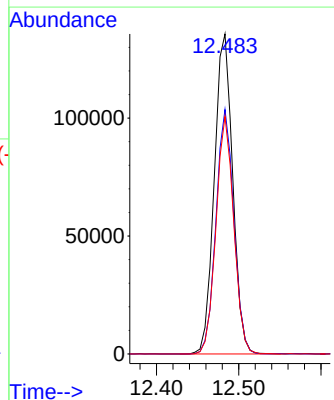
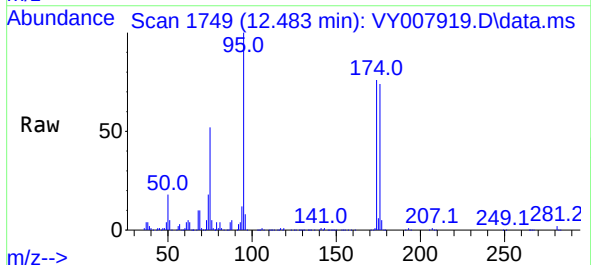
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

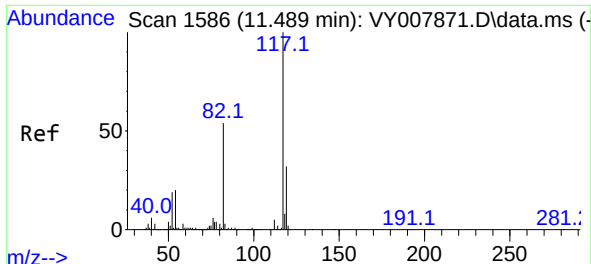
Tgt Ion: 98 Resp: 604384
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 95 Resp: 210797
Ion Ratio Lower Upper
95 100
174 74.4 0.0 177.0
176 71.6 0.0 175.8

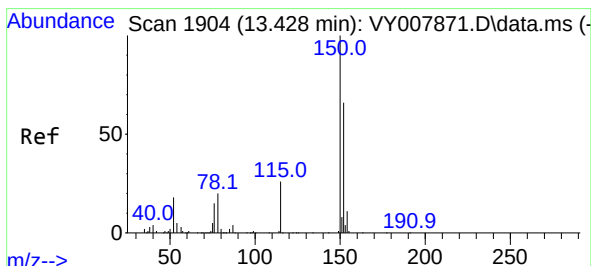
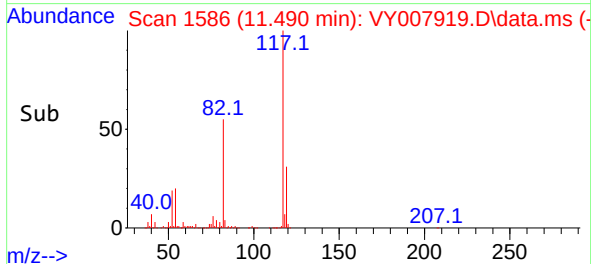
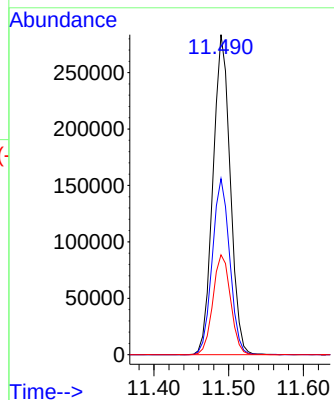
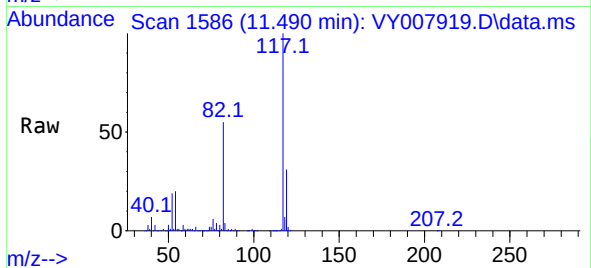




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

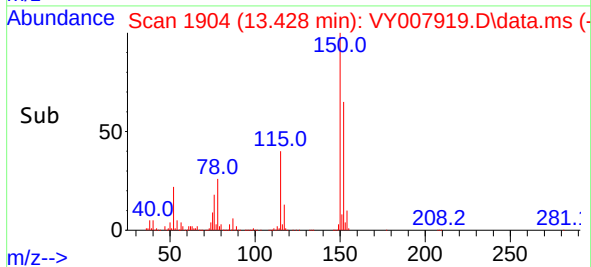
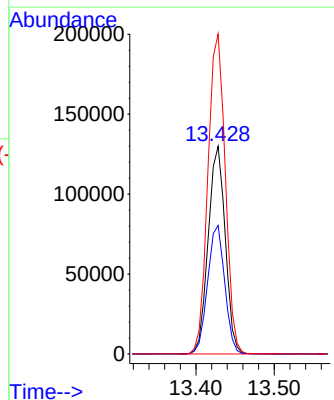
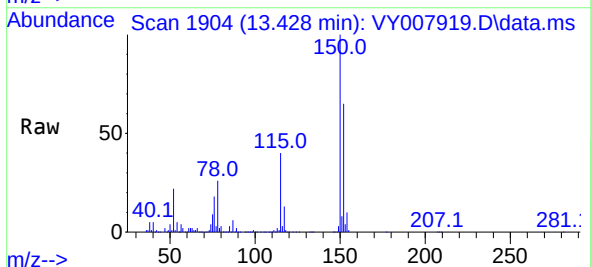
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

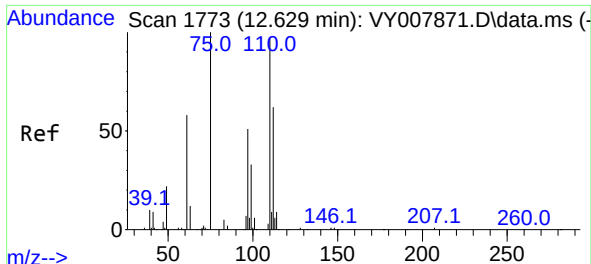
Tgt Ion:117 Resp: 455612
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion:152 Resp: 196074
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 156.9 0.0 347.6

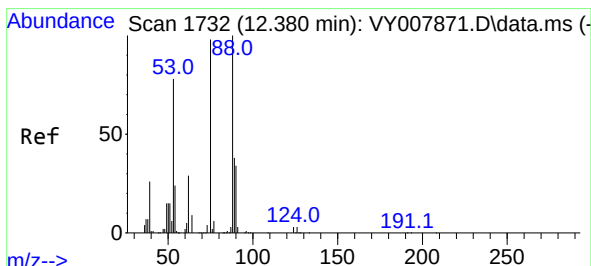
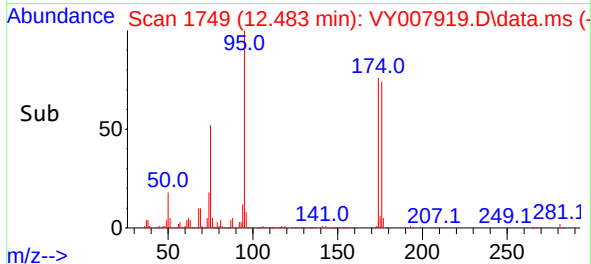
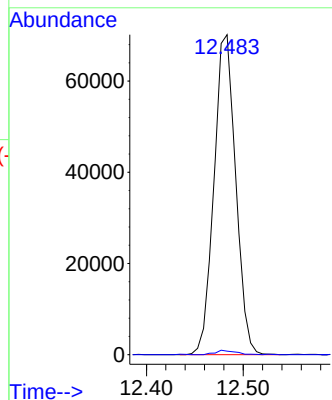
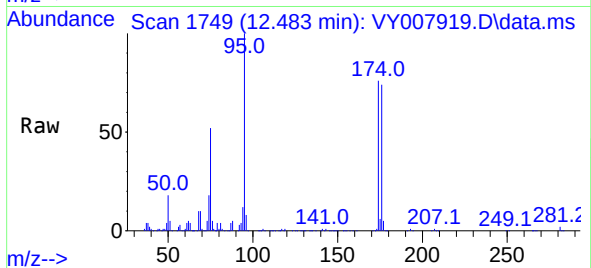




#76
1,2,3-Trichloropropane
Concen: 39.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

Tgt Ion: 75 Resp: 109256
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 75 Resp: 109256
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

