

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008343.D
 Acq On : 15 Apr 2022 11:26
 Operator : KP/MD
 Sample : VY0415SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBL01

Quant Time: Apr 16 04:56:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

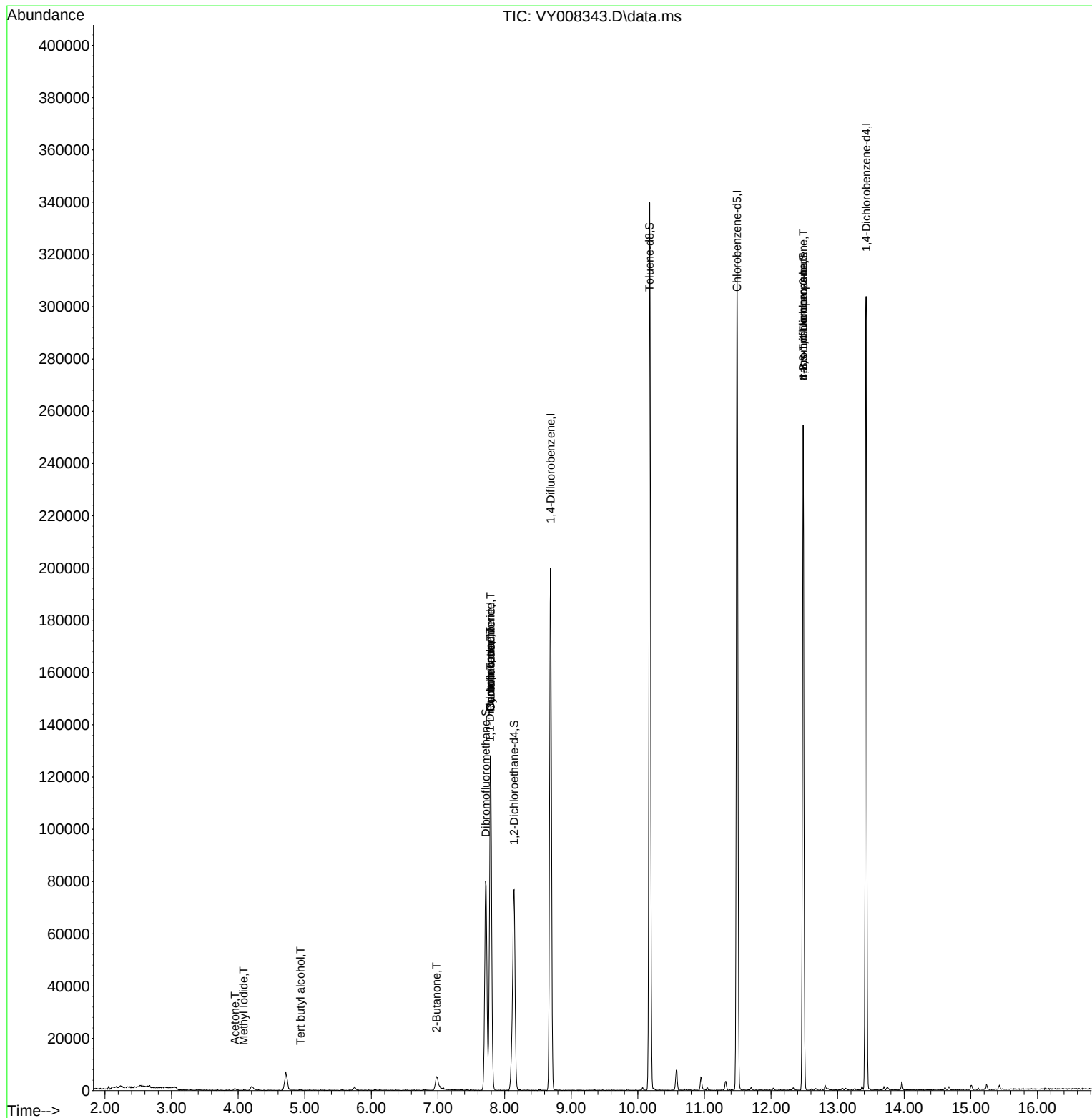
Internal Standards						
1) Pentafluorobenzene	7.789	168	98296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54561	59.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.716	113	57917	55.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.300%	
50) Toluene-d8	10.179	98	220634	61.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.900%	
62) 4-Bromofluorobenzene	12.483	95	73428	54.816	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	255	Below Cal	#	83
5) Bromomethane	2.668	94	470	Below Cal	#	79
10) Methyl Iodide	4.082	142	188	2.540	ug/l #	35
11) Tert butyl alcohol	4.936	59	343	3.475	ug/l #	77
16) Acetone	3.954	43	1094	4.926	ug/l	97
18) Methyl Acetate	4.473	43	132	Below Cal	#	56
20) Methylene Chloride	4.716	84	4929	Below Cal	#	83
25) 2-Butanone	6.978	43	410	1.181	ug/l #	54
31) Cyclohexane	7.789	56	2043	1.224	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7815	4.702	ug/l #	52
38) Carbon Tetrachloride	7.789	117	10439	5.838	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	38434	45.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38434	100.963	ug/l #	7

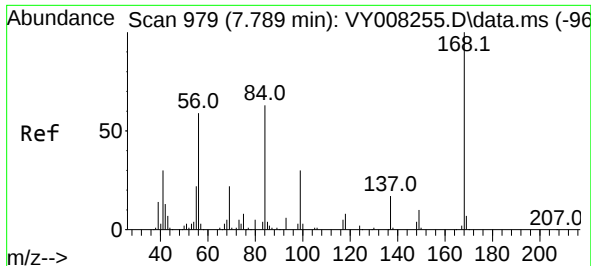
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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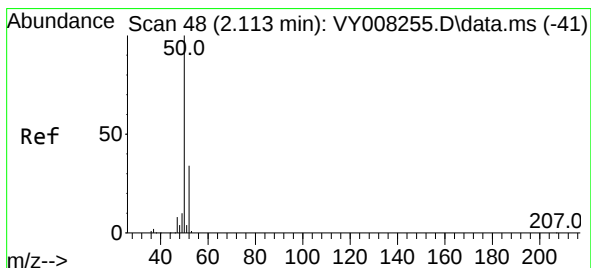
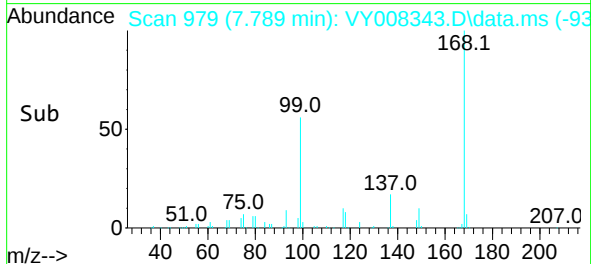
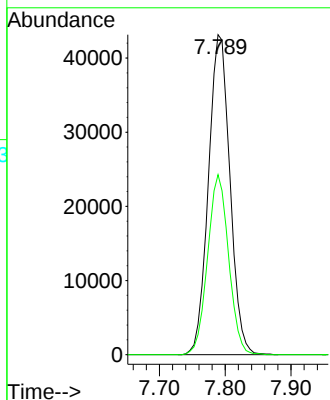
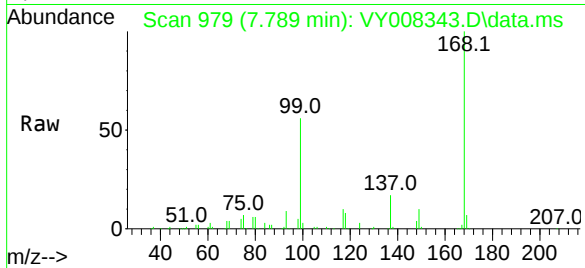




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

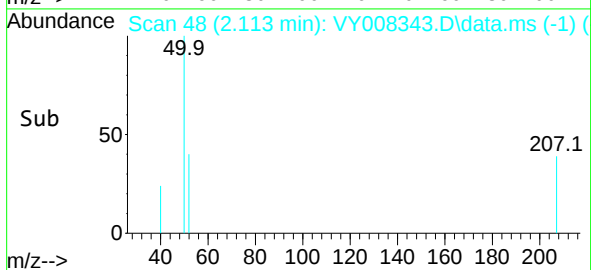
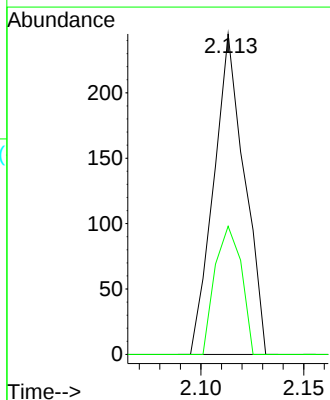
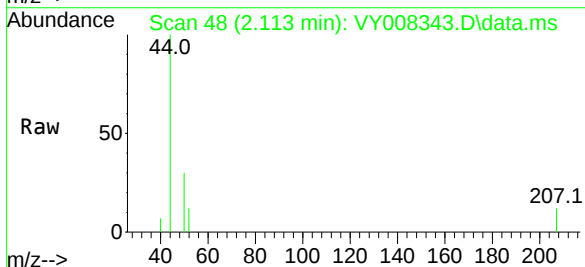
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

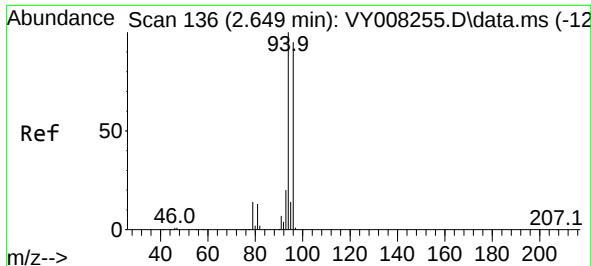
Tgt Ion:168 Resp: 98296
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 40.0 24.6 37.0#

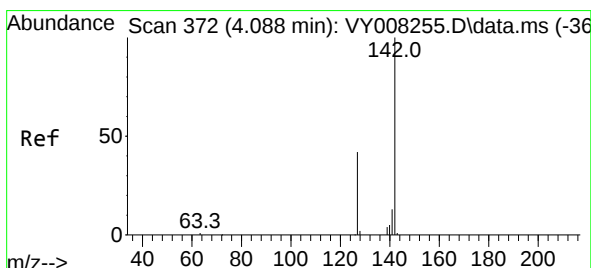
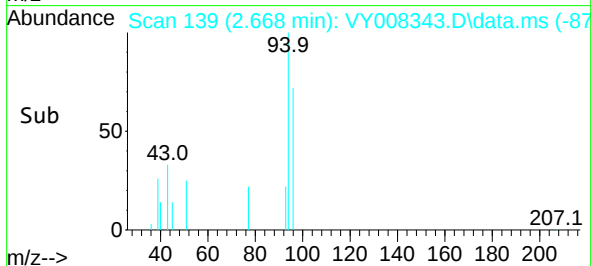
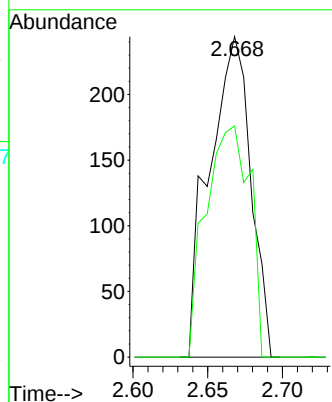
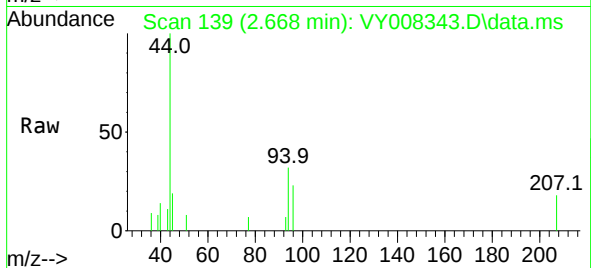




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

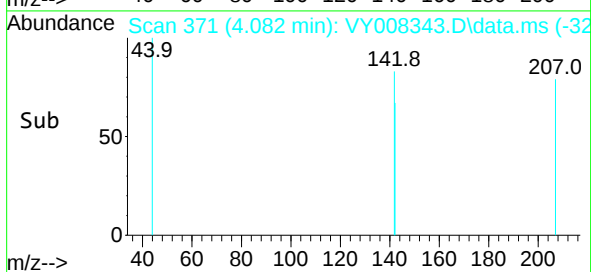
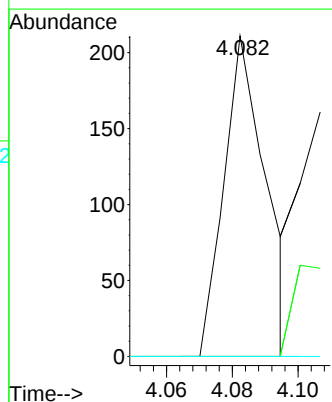
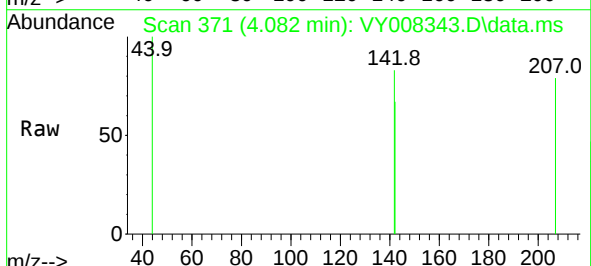
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

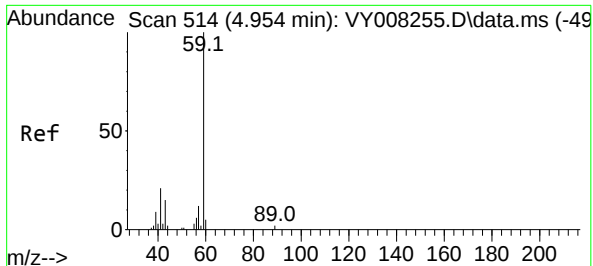
Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 72.1 73.5 110.3#



#10
Methyl Iodide
Concen: 2.540 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

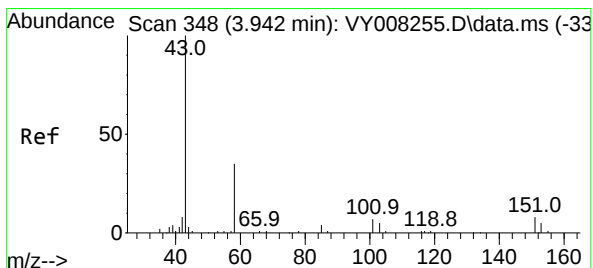
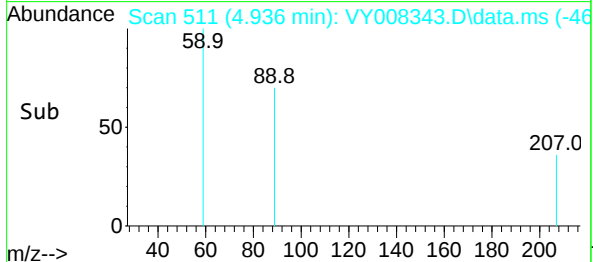
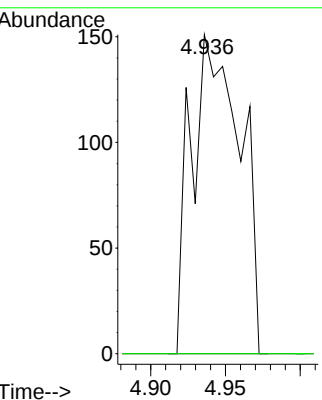
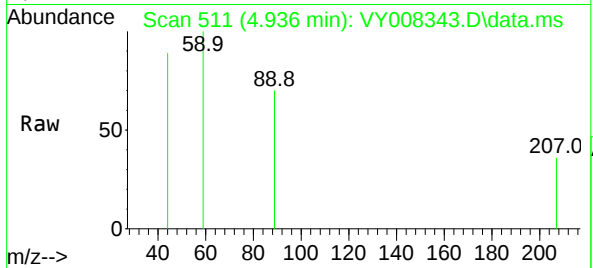




#11
Tert butyl alcohol
Concen: 3.475 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

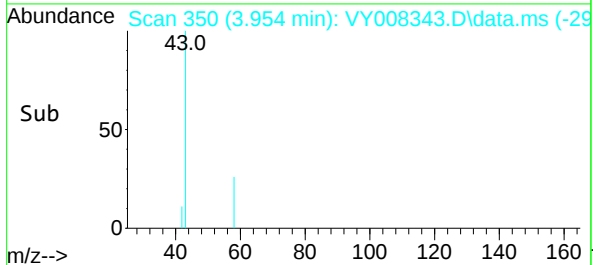
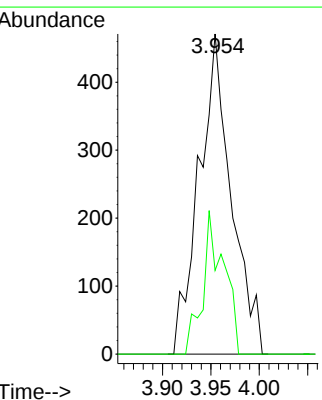
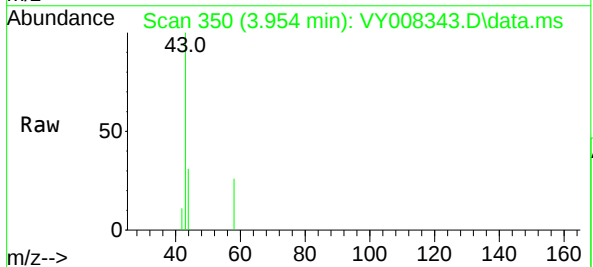
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

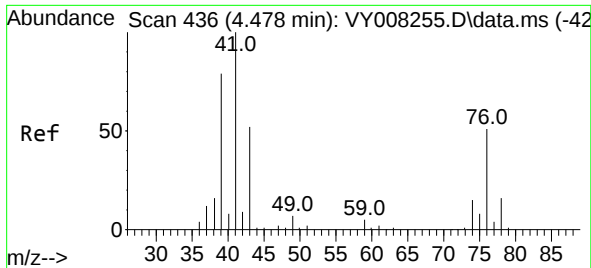
Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 4.926 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 26.1 22.0 33.0

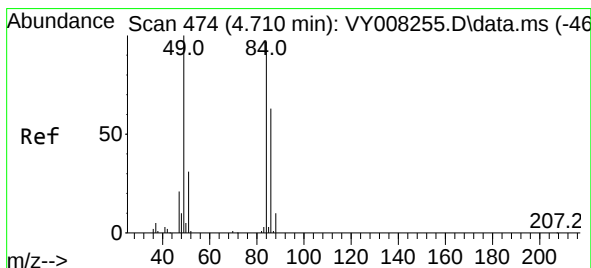
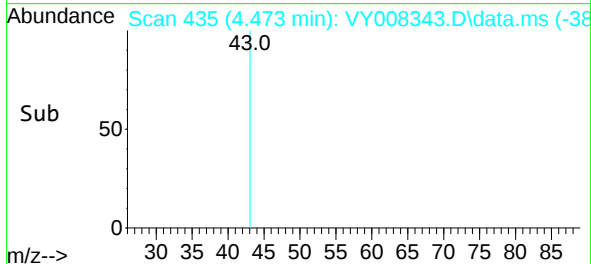
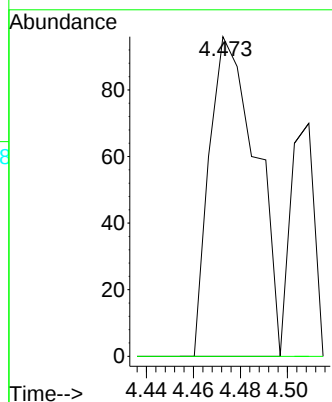
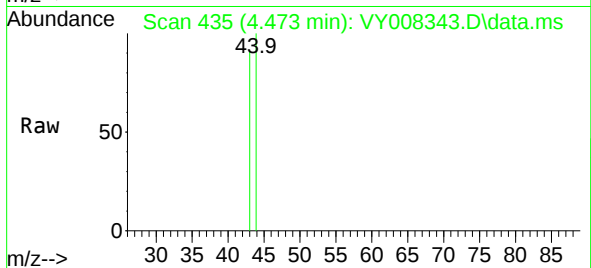




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. -0.005 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

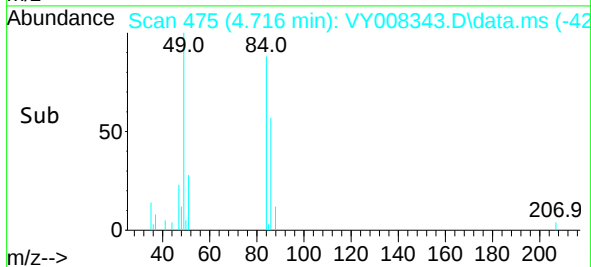
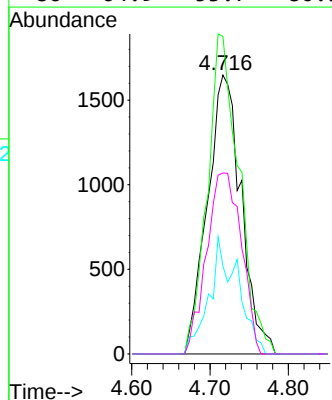
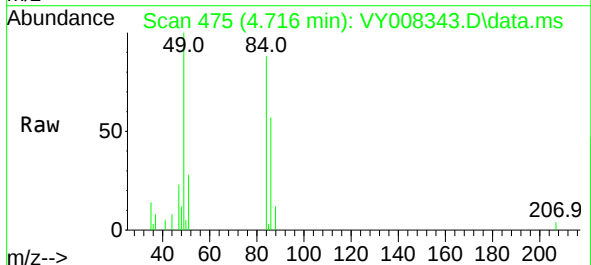
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

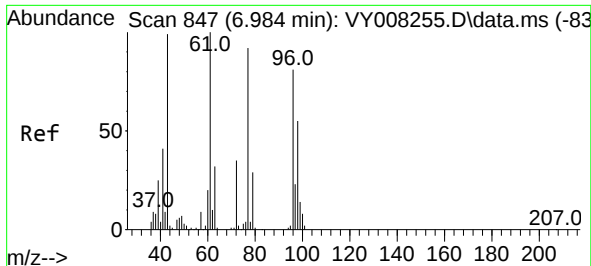
Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Tgt Ion: 84 Resp: 4929
Ion Ratio Lower Upper
84 100
49 113.9 114.4 171.6#
51 31.6 35.3 52.9#
86 64.9 53.7 80.5

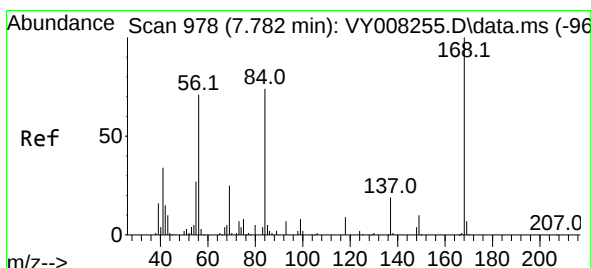
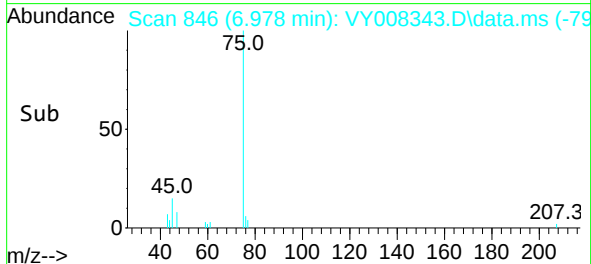
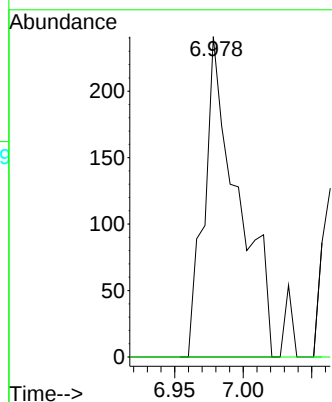
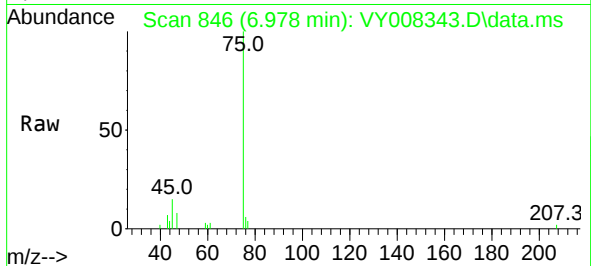




#25
2-Butanone
Concen: 1.181 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

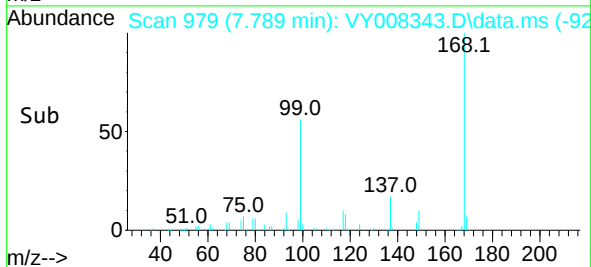
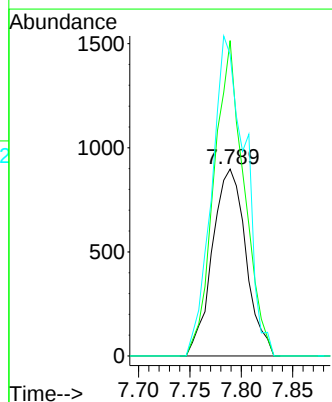
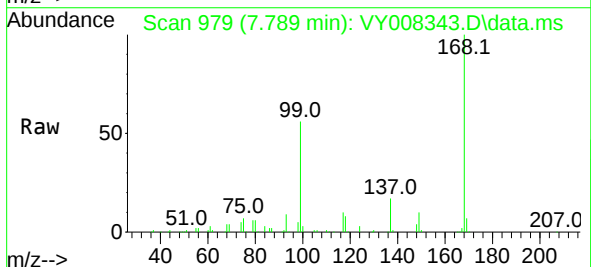
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

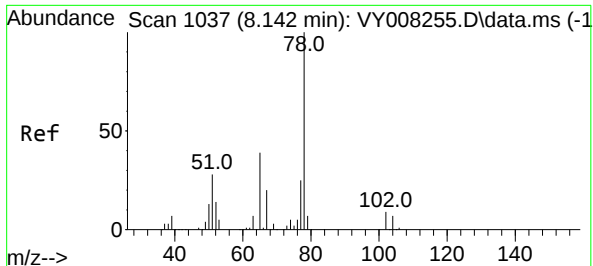
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Tgt Ion: 56 Resp: 2043
Ion Ratio Lower Upper
56 100
69 168.7 26.7 40.1#
84 161.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.092 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008343.D

Acq: 15 Apr 2022 11:26

Instrument :

MSVOA_Y

ClientSampleId :

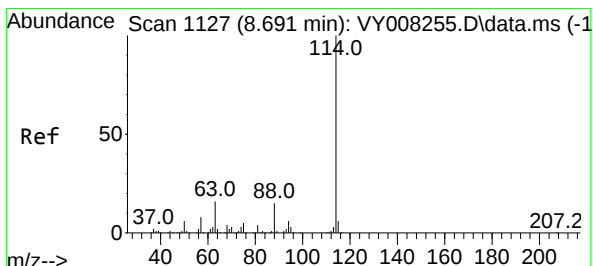
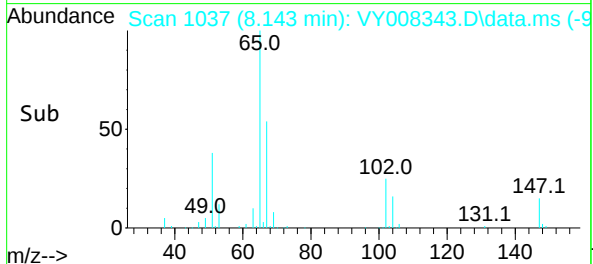
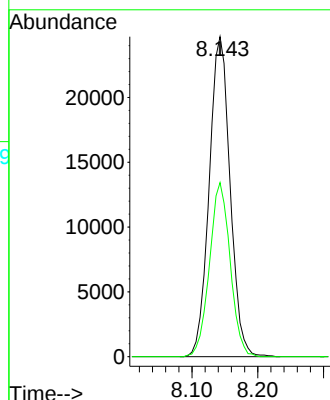
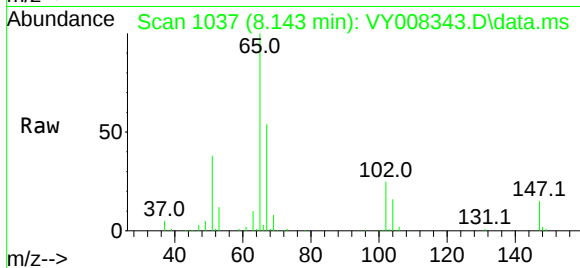
VY0415SBL01

Tgt Ion: 65 Resp: 54561

Ion Ratio Lower Upper

65 100

67 53.8 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: VY008343.D

Acq: 15 Apr 2022 11:26

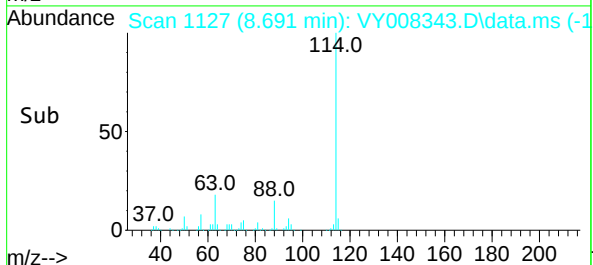
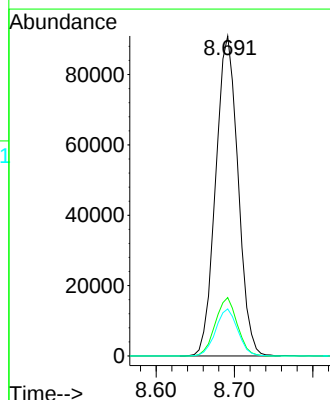
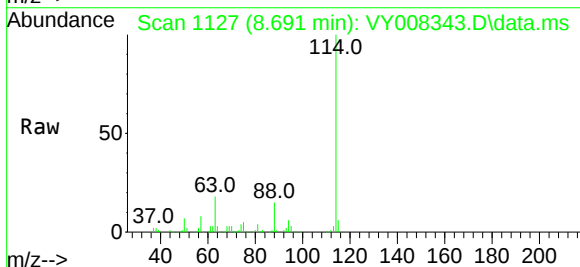
Tgt Ion: 114 Resp: 180201

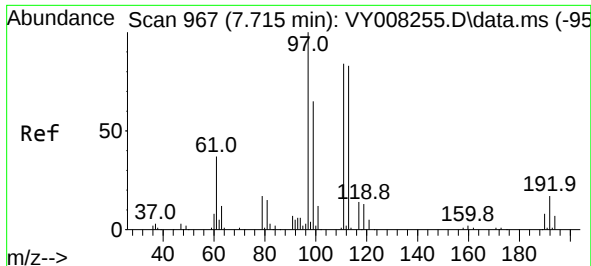
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.7 0.0 31.8

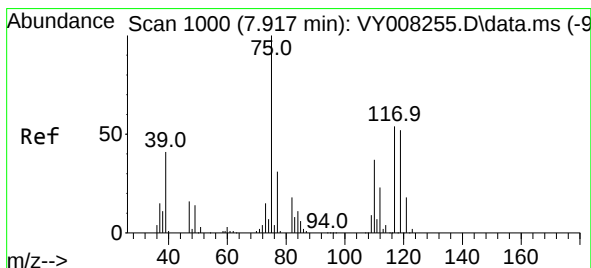
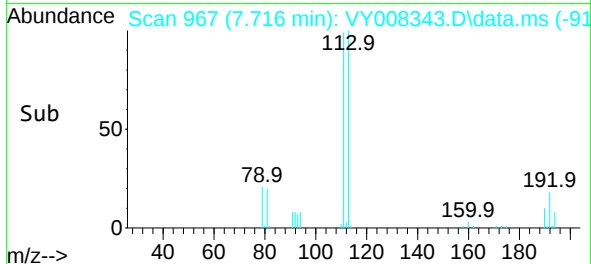
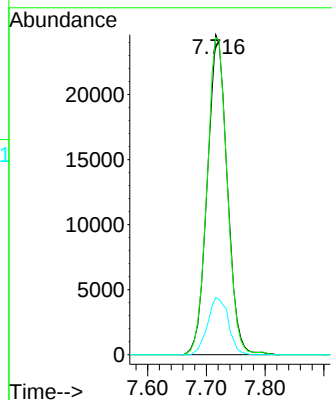
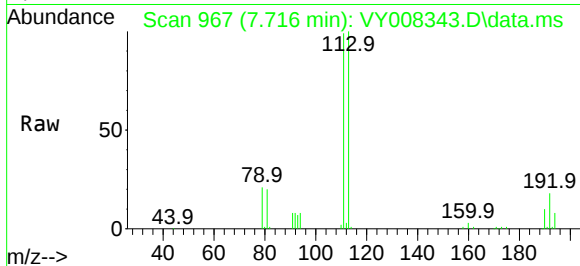




#35
Dibromofluoromethane
Concen: 55.646 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

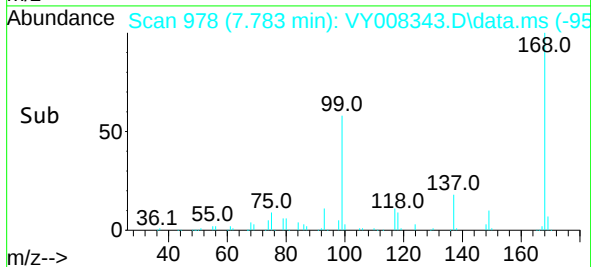
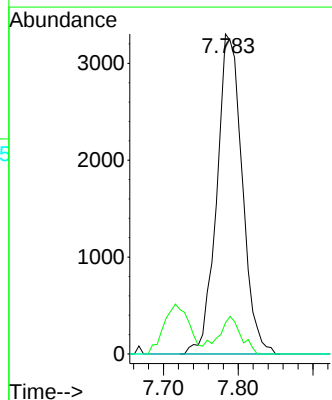
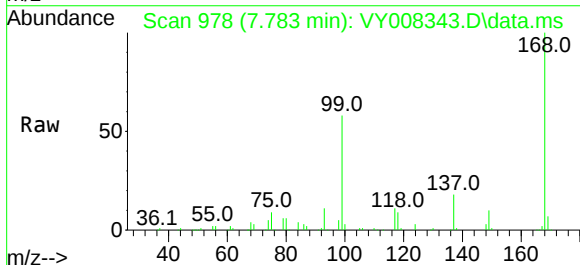
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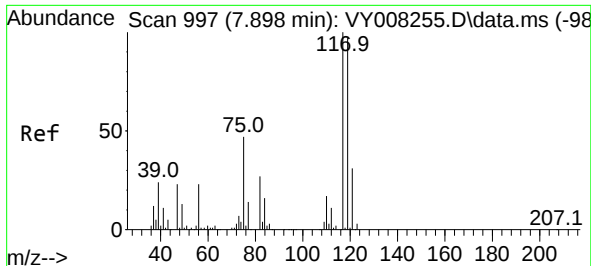
Tgt Ion:113 Resp: 57917
Ion Ratio Lower Upper
113 100
111 100.3 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

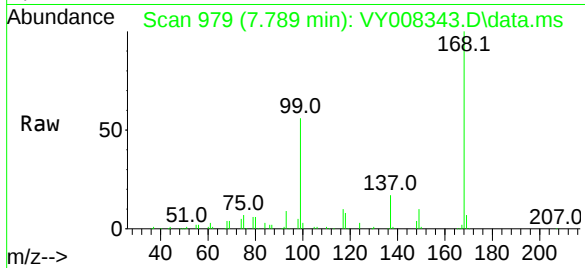
Tgt Ion: 75 Resp: 7815
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#



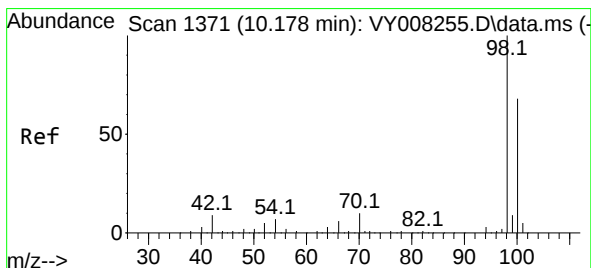
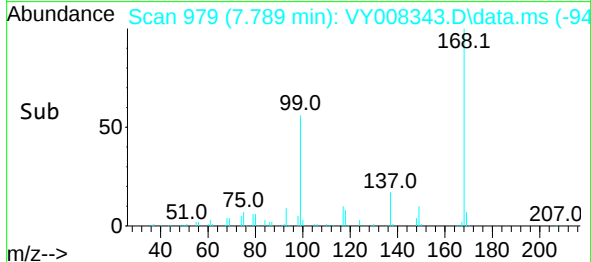
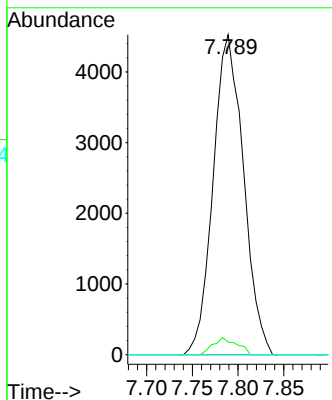


#38
Carbon Tetrachloride
Concen: 5.838 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

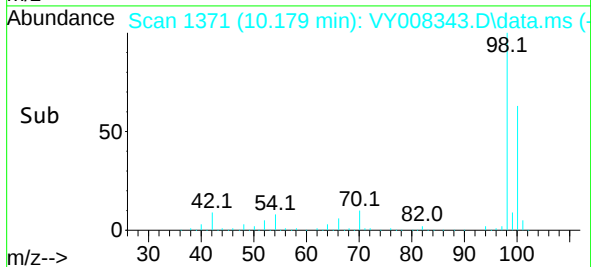
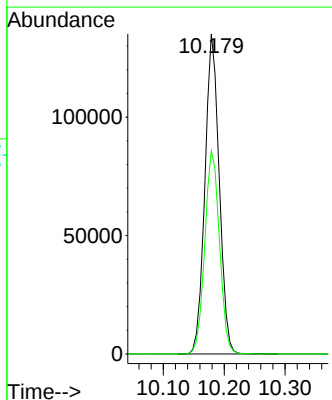
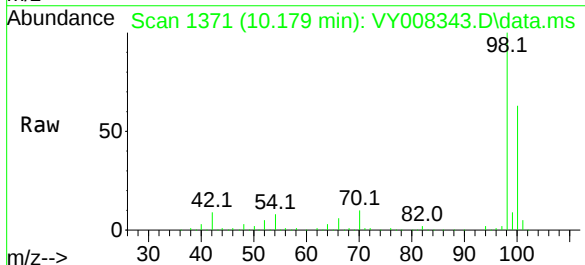


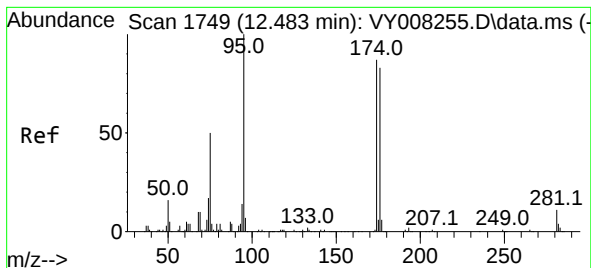
Tgt Ion:117 Resp: 10439
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.951 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Tgt Ion: 98 Resp: 220634
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

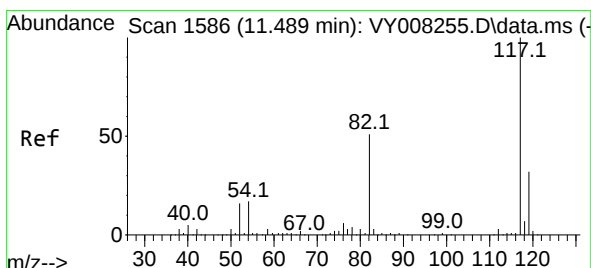
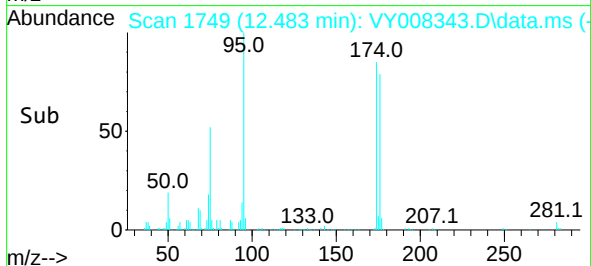
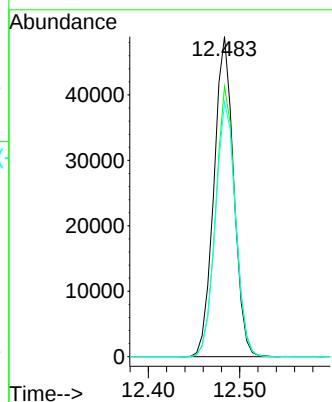
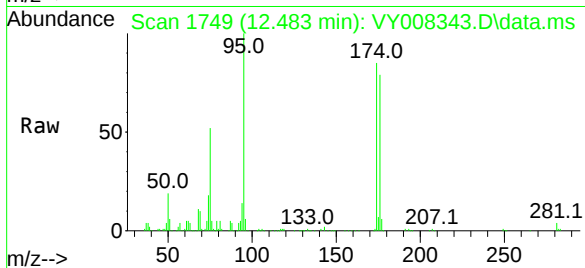




#62
4-Bromofluorobenzene
Concen: 54.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

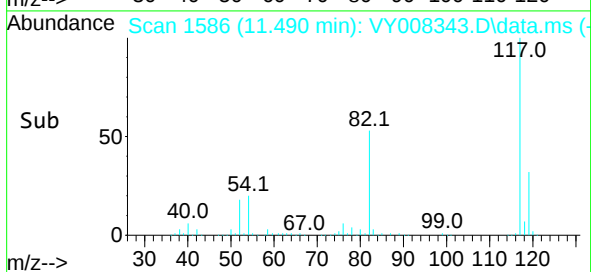
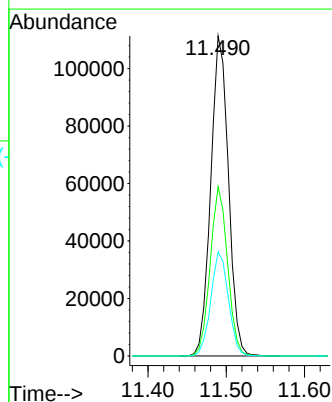
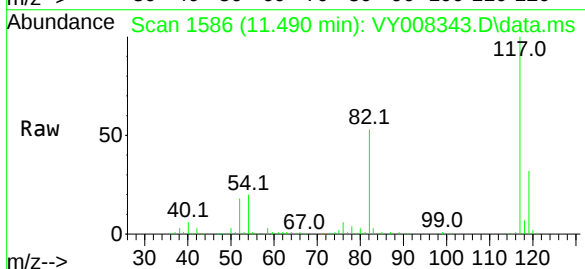
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

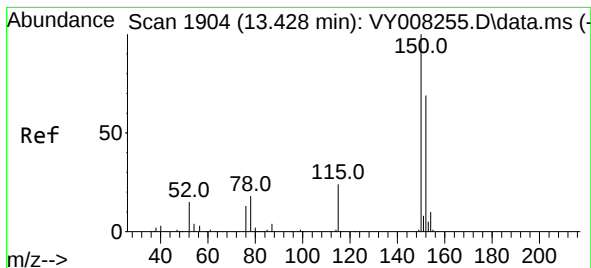
Tgt Ion: 95 Resp: 73428
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008343.D
Acq: 15 Apr 2022 11:26

Tgt Ion: 117 Resp: 174528
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.5 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: VY008343.D

Acq: 15 Apr 2022 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBL01

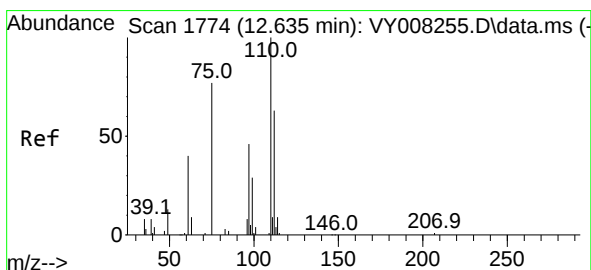
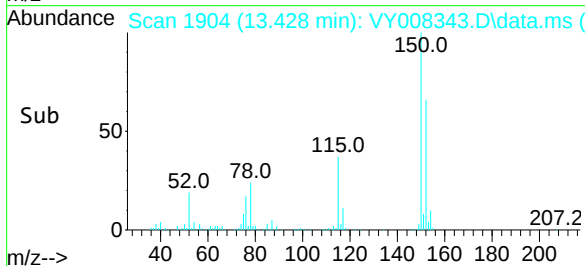
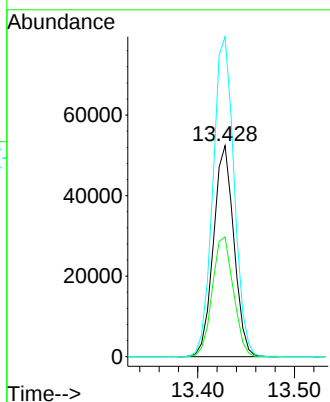
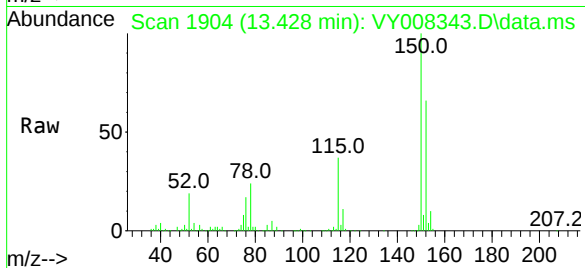
Tgt Ion:152 Resp: 77013

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 156.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.124 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008343.D

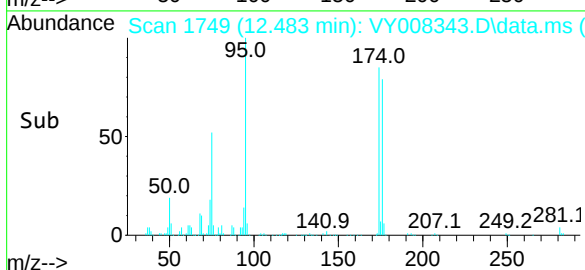
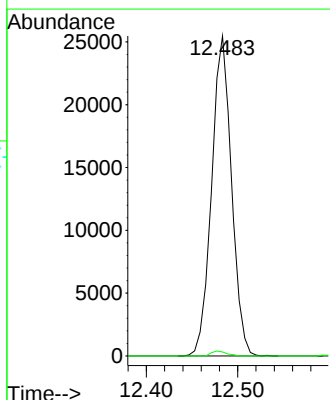
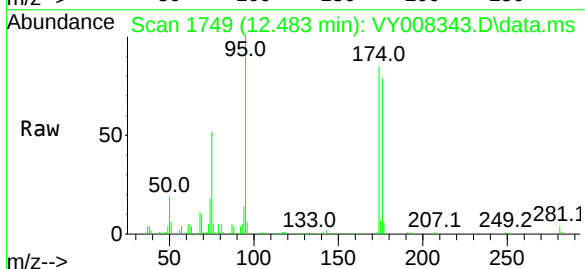
Acq: 15 Apr 2022 11:26

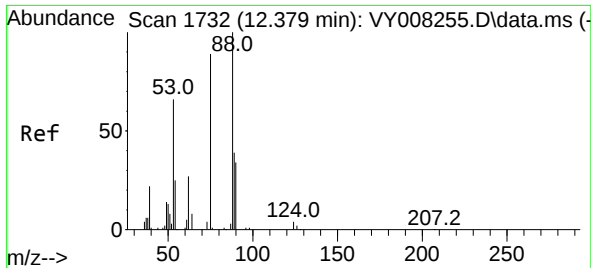
Tgt Ion: 75 Resp: 38434

Ion Ratio Lower Upper

75 100

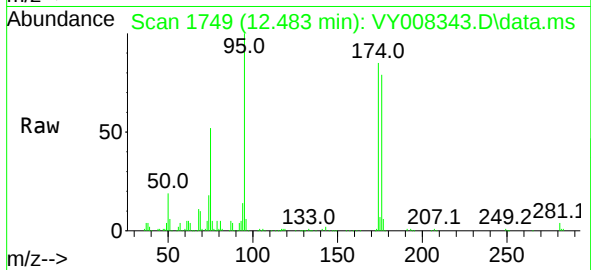
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.963 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008343.D
 Acq: 15 Apr 2022 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBL01



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

