

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008377.D
 Acq On : 18 Apr 2022 16:43
 Operator : KP/MD
 Sample : N2427-03
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Apr 19 06:30:47 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)

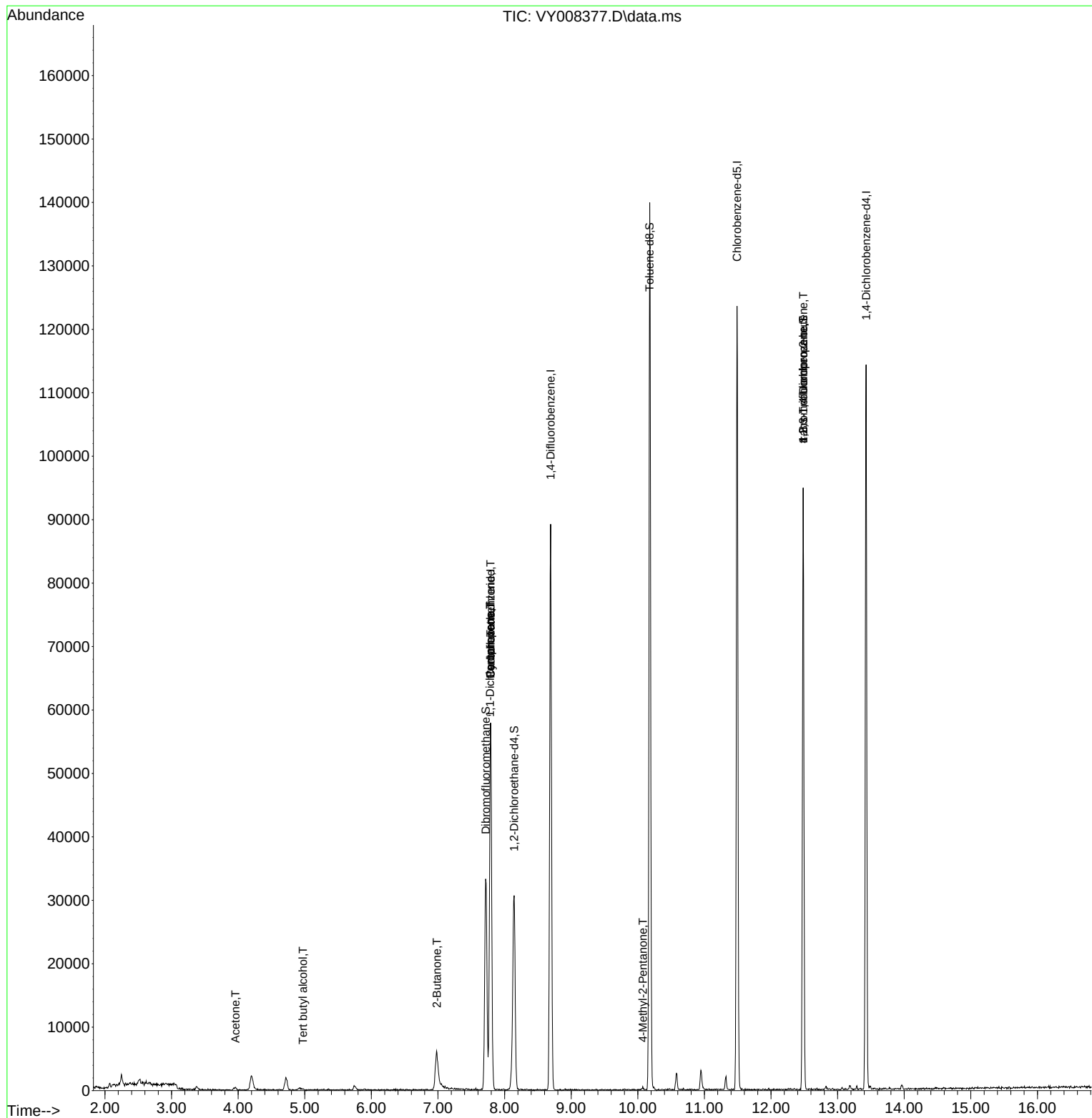
Internal Standards						
1) Pentafluorobenzene	7.789	168	45659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	23220	54.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.716	113	24017	53.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.700%	
50) Toluene-d8	10.179	98	93330	60.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.180%	
62) 4-Bromofluorobenzene	12.483	95	27533	47.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	24	Below Cal	#	44
5) Bromomethane	2.656	94	143	Below Cal		83
11) Tert butyl alcohol	4.972	59	155	3.380	ug/l #	77
16) Acetone	3.960	43	774	7.503	ug/l	98
18) Methyl Acetate	4.204	43	664	Below Cal	#	56
20) Methylene Chloride	4.716	84	1618	Below Cal	#	57
25) 2-Butanone	6.984	43	432	2.678	ug/l #	54
31) Cyclohexane	7.789	56	1093	1.409	ug/l #	4
36) 1,1-Dichloropropene	7.783	75	3655	5.084	ug/l #	52
38) Carbon Tetrachloride	7.789	117	4466	5.775	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	377	1.061	ug/l #	81
76) 1,2,3-Trichloropropane	12.483	75	14760	46.312	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14760	103.621	ug/l #	7

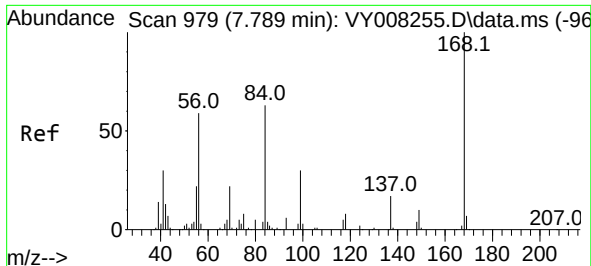
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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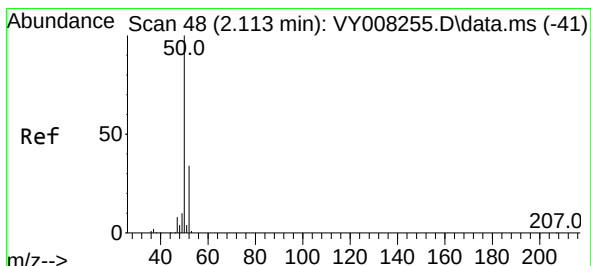
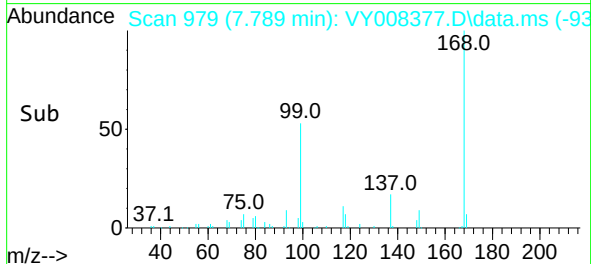
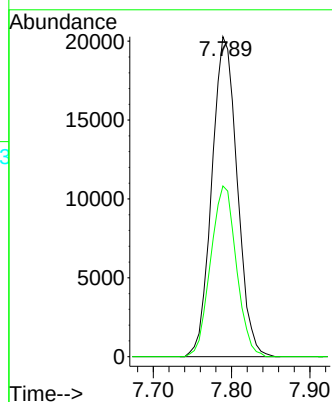
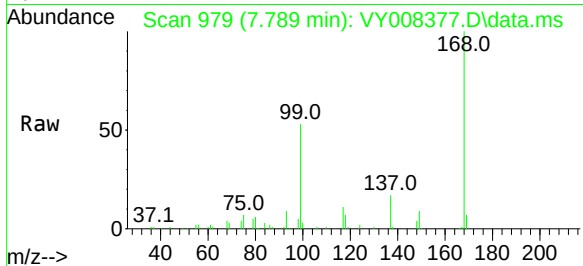




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

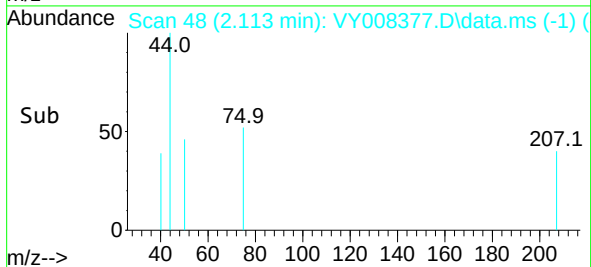
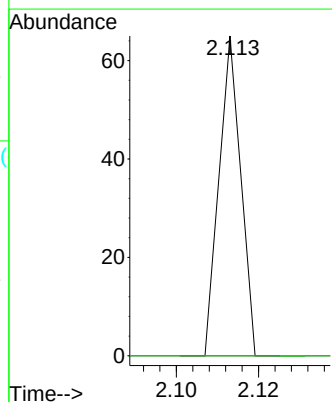
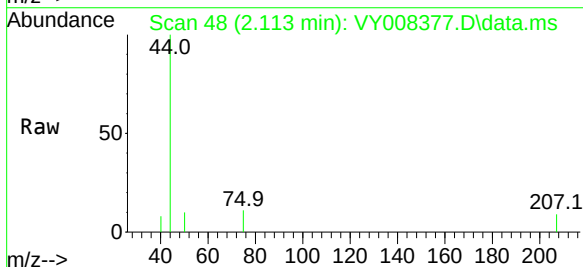
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

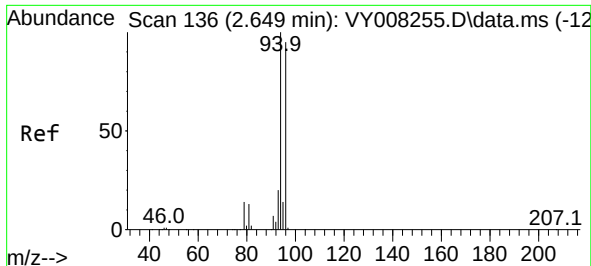
Tgt Ion:168 Resp: 45659
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 50 Resp: 24
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

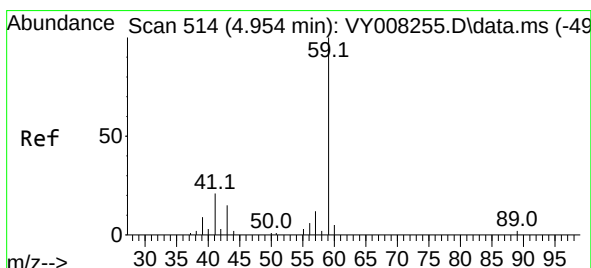
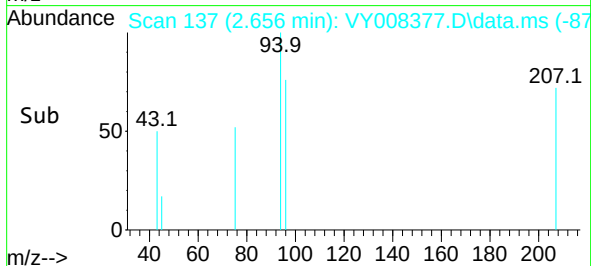
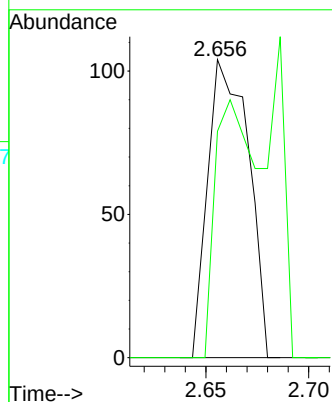
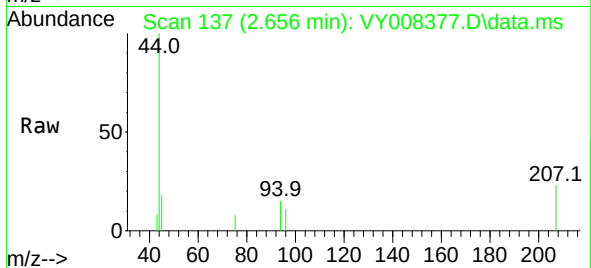




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

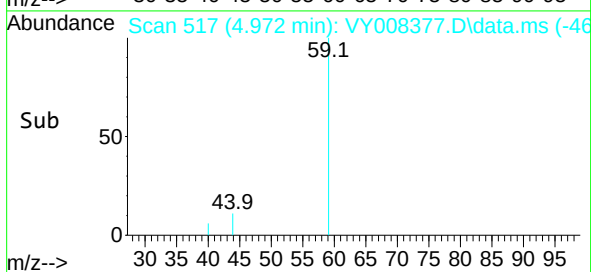
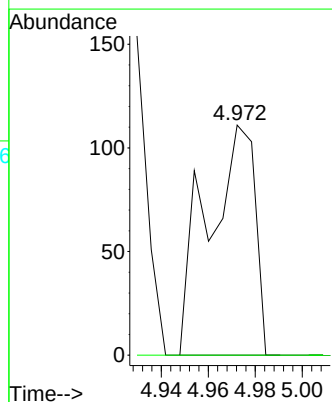
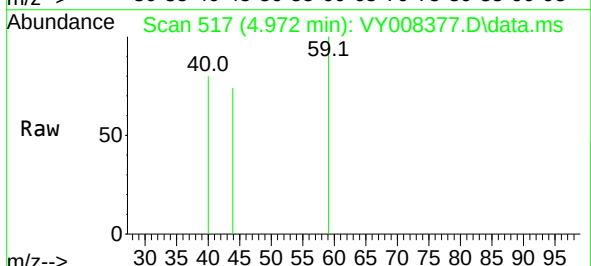
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

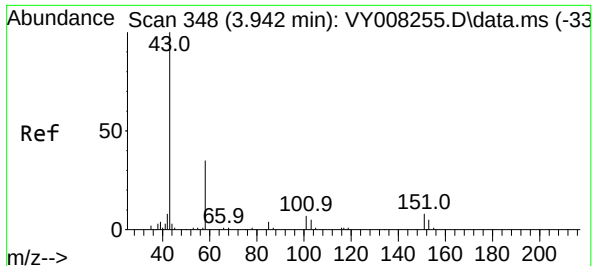
Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 76.0 73.5 110.3



#11
Tert butyl alcohol
Concen: 3.380 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 7.503 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY008377.D

Acq: 18 Apr 2022 16:43

Instrument :

MSVOA_Y

ClientSampleId :

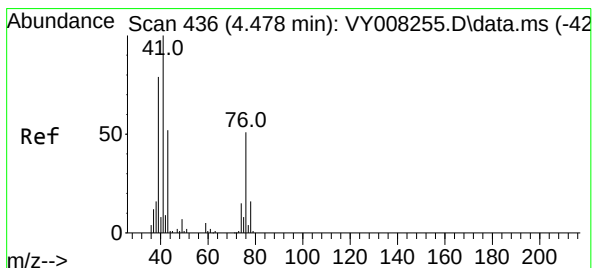
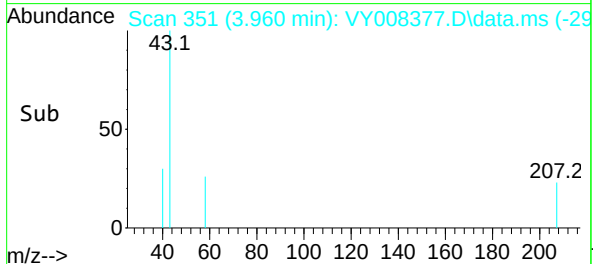
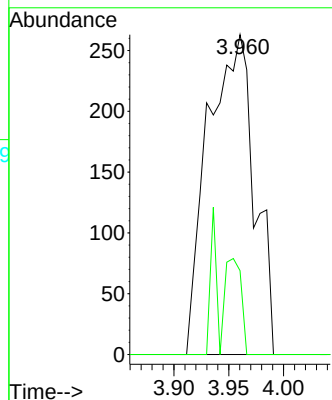
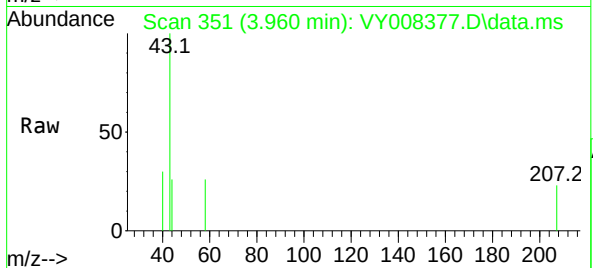
SB-3

Tgt Ion: 43 Resp: 774

Ion Ratio Lower Upper

43 100

58 26.2 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.204 min Scan# 391

Delta R.T. -0.274 min

Lab File: VY008377.D

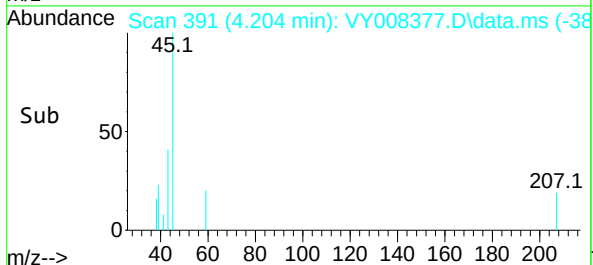
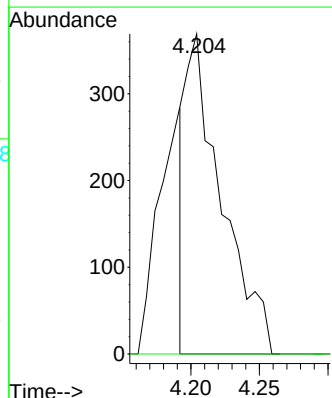
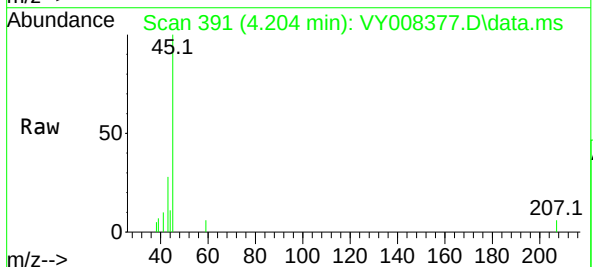
Acq: 18 Apr 2022 16:43

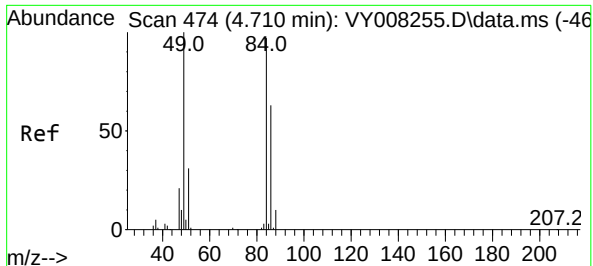
Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY008377.D

Acq: 18 Apr 2022 16:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

Tgt Ion: 84 Resp: 1618

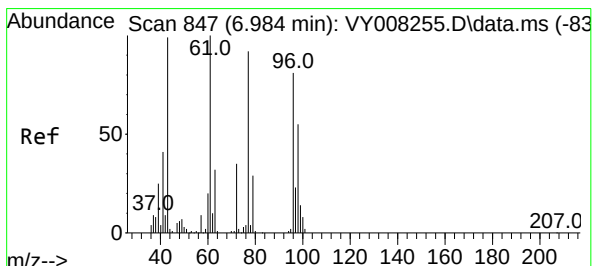
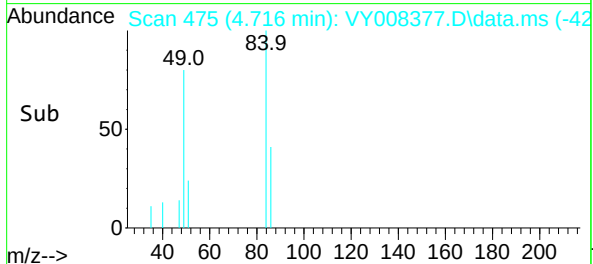
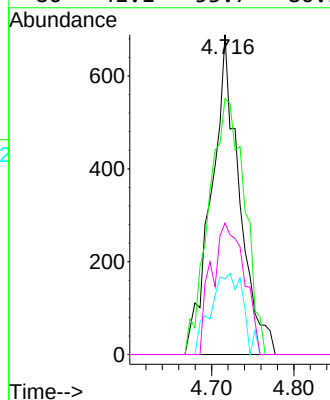
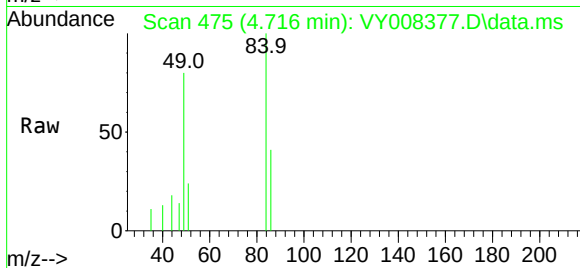
Ion Ratio Lower Upper

84 100

49 80.0 114.4 171.6#

51 23.7 35.3 52.9#

86 41.1 53.7 80.5#



#25

2-Butanone

Concen: 2.678 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008377.D

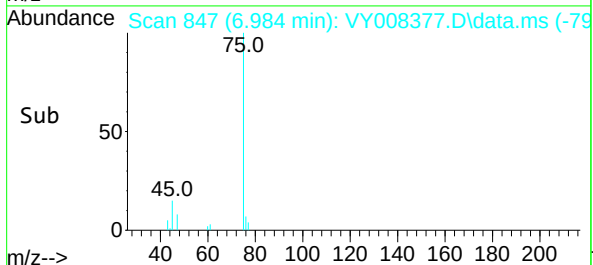
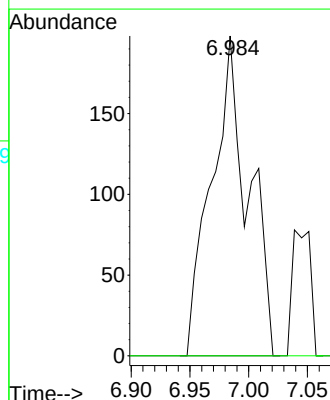
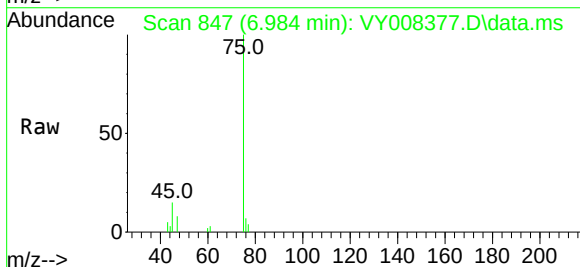
Acq: 18 Apr 2022 16:43

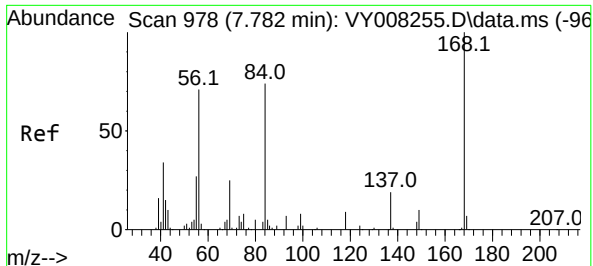
Tgt Ion: 43 Resp: 432

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

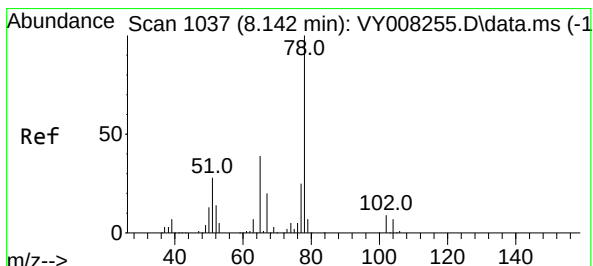
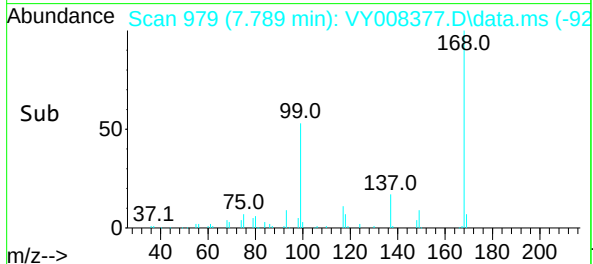
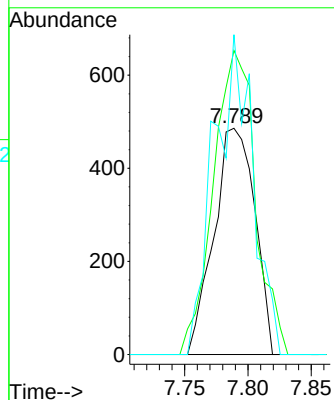
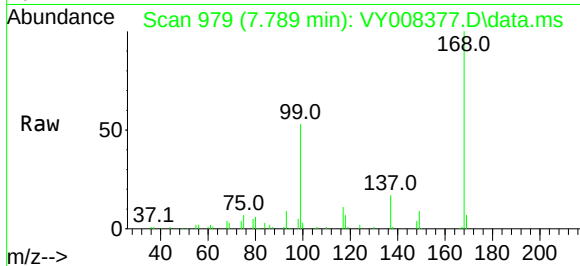




#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

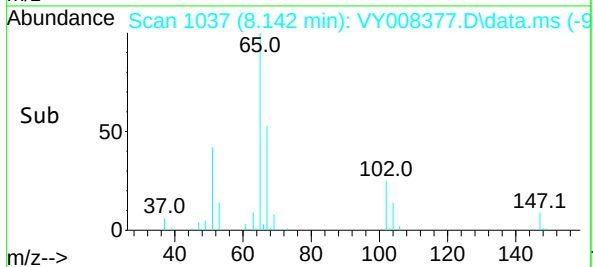
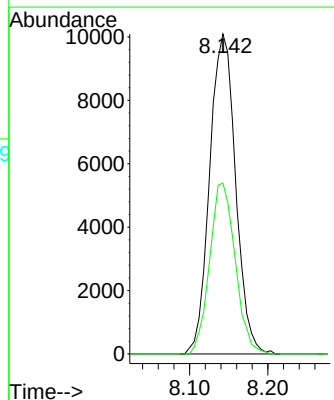
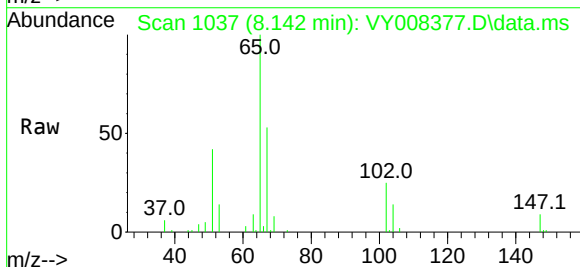
Instrument :
MSVOA_Y
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SB-3

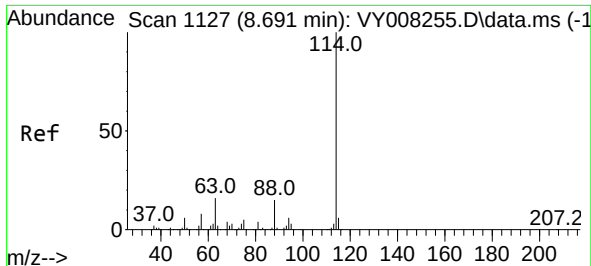
Tgt Ion: 56 Resp: 1093
Ion Ratio Lower Upper
56 100
69 134.4 26.7 40.1#
84 141.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.140 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 65 Resp: 23220
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

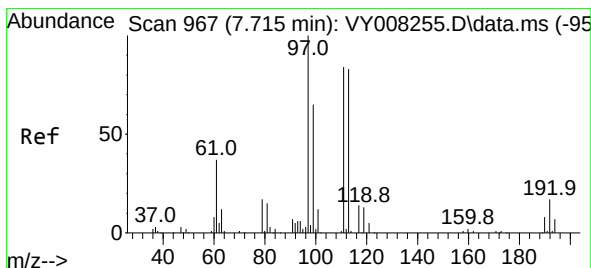
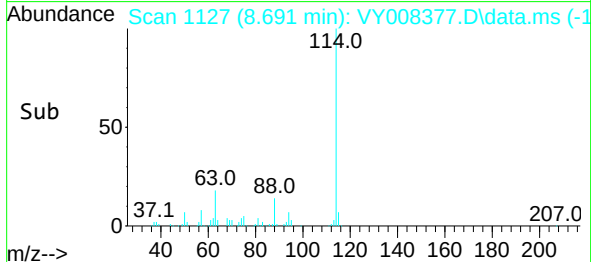
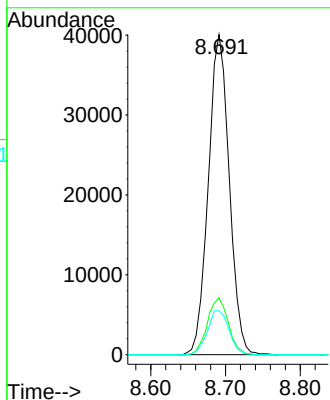
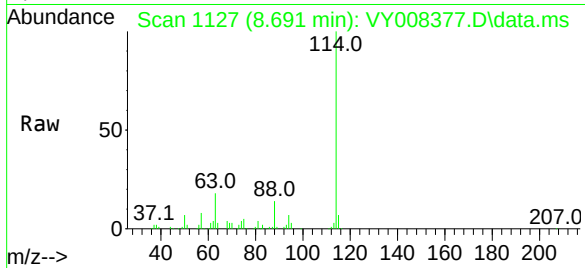




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

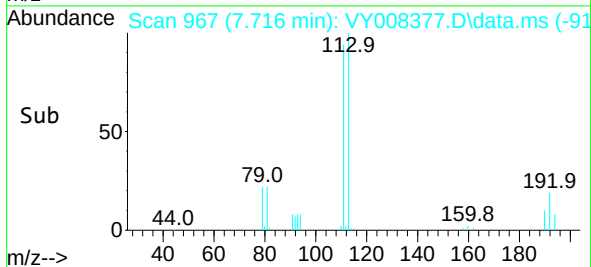
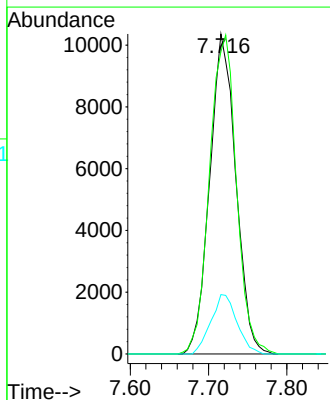
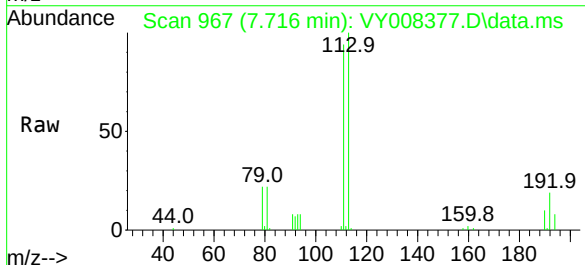
Instrument :
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ClientSampleId :
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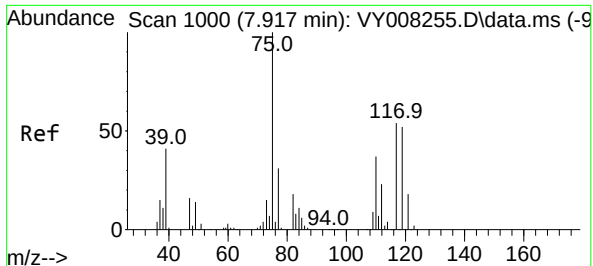
Tgt Ion:	114	Resp:	77942
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	43.2
88	13.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.350 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion:	113	Resp:	24017
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.5	17.6	26.4

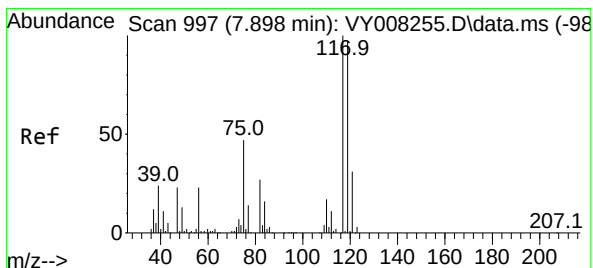
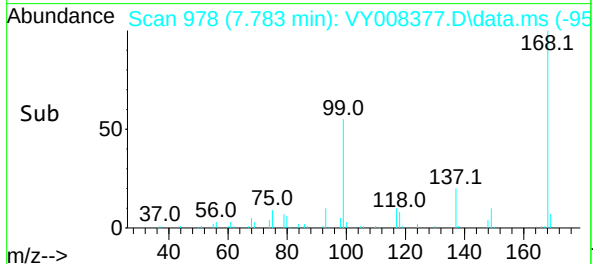
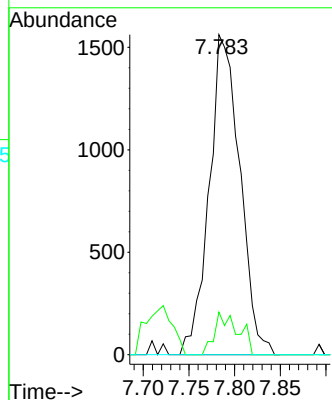
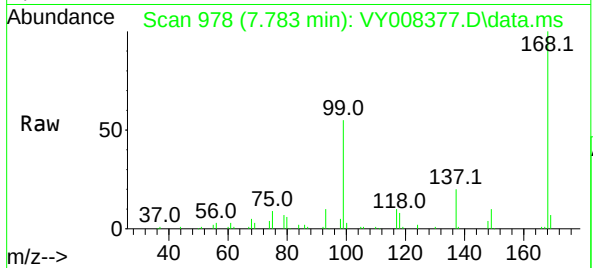




#36
1,1-Dichloropropene
Concen: 5.084 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

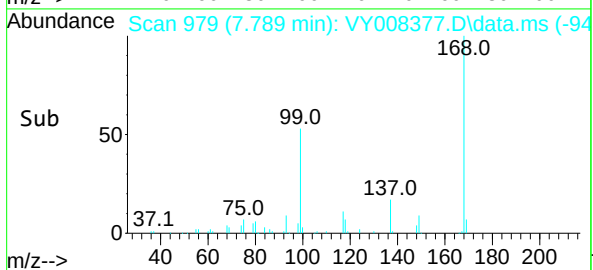
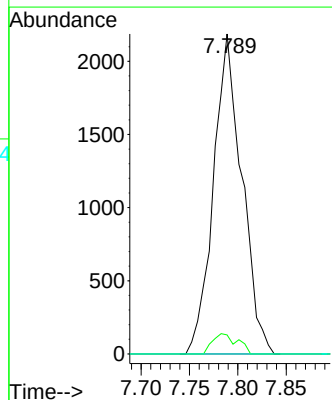
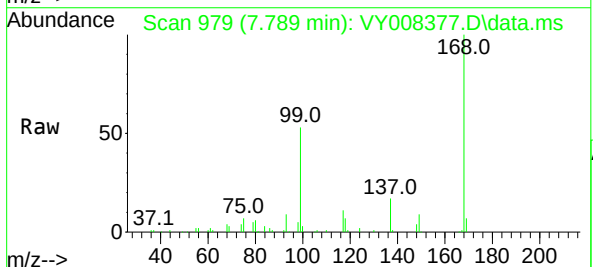
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

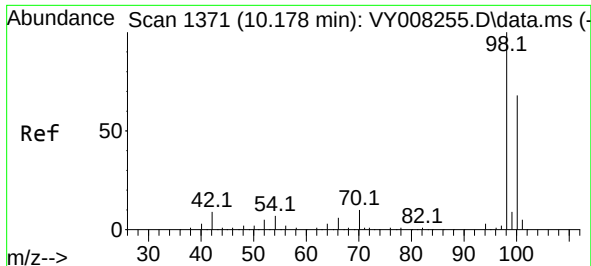
Tgt Ion: 75 Resp: 3655
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.775 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 117 Resp: 4466
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

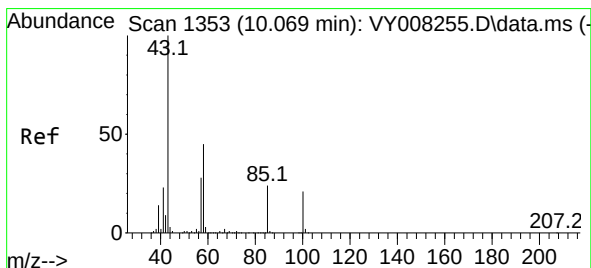
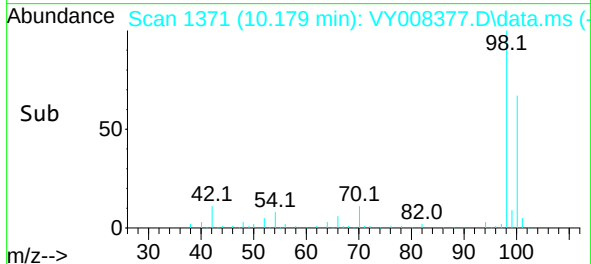
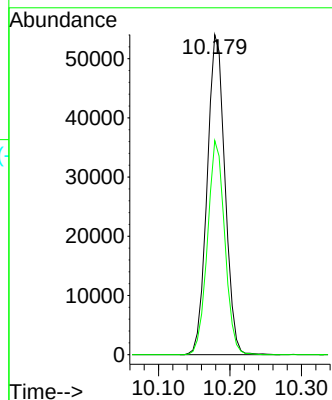
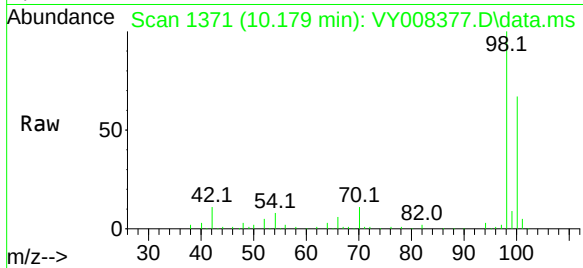




#50
Toluene-d8
Concen: 60.587 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

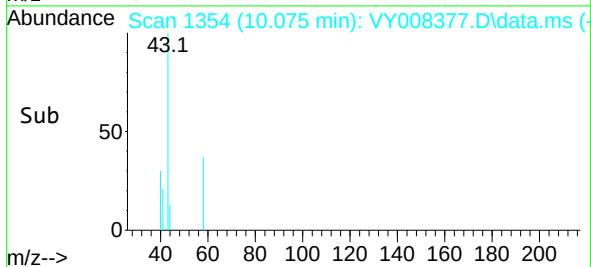
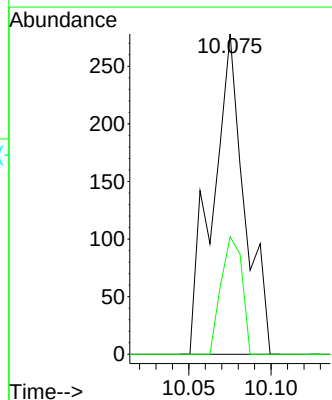
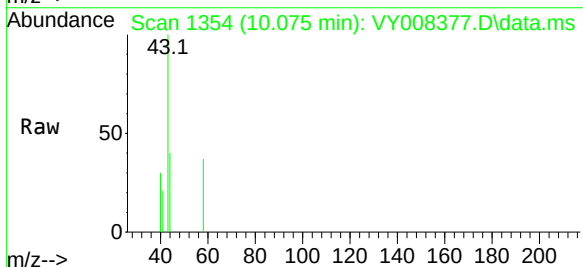
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

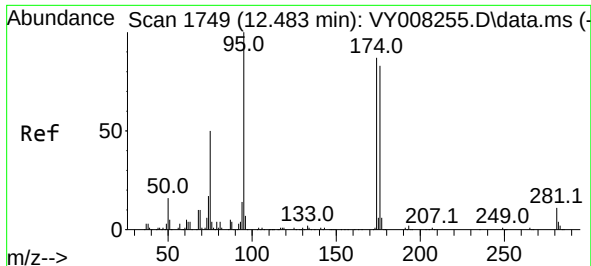
Tgt Ion: 98 Resp: 93330
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
58 23.9 28.1 42.1#

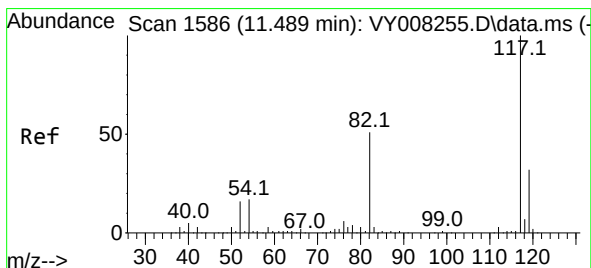
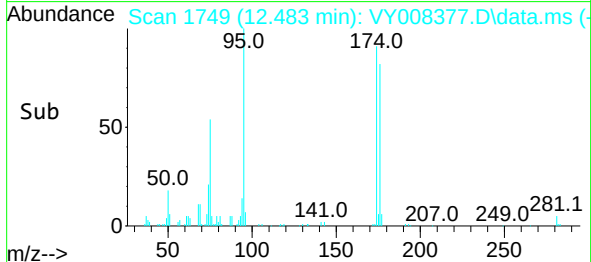
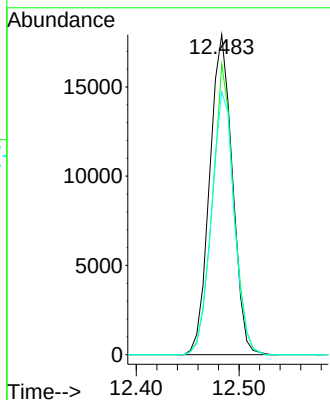
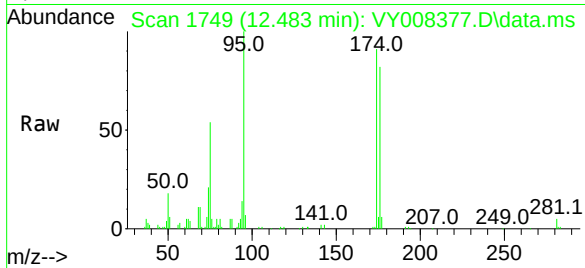




#62
4-Bromofluorobenzene
Concen: 47.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

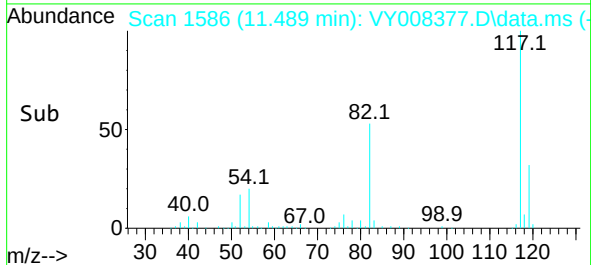
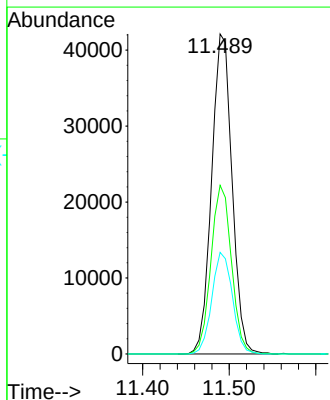
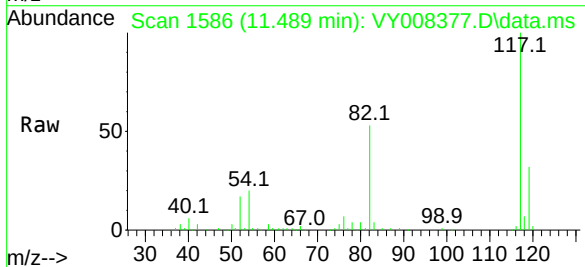
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

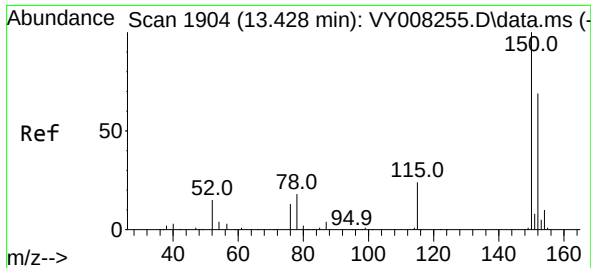
Tgt Ion: 95 Resp: 27533
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 117 Resp: 69022
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.7 25.4 38.0

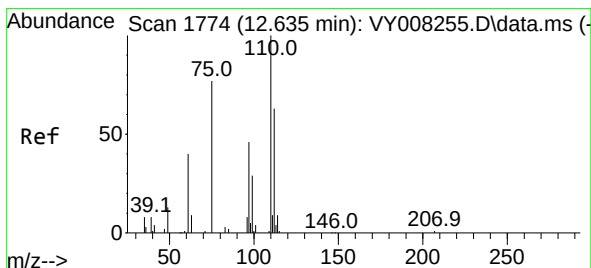
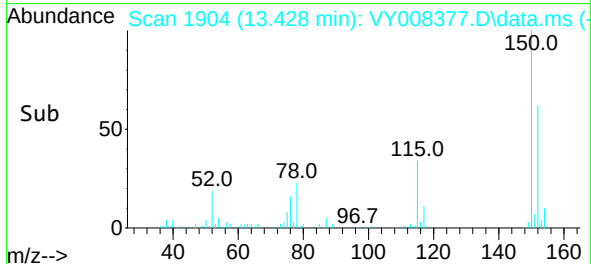
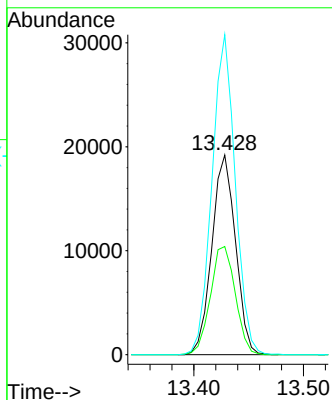
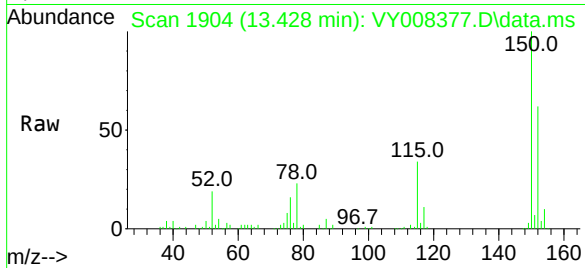




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008377.D
 Acq: 18 Apr 2022 16:43

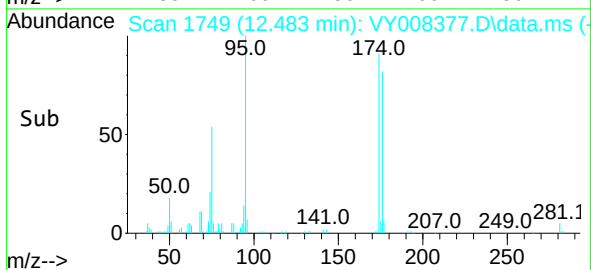
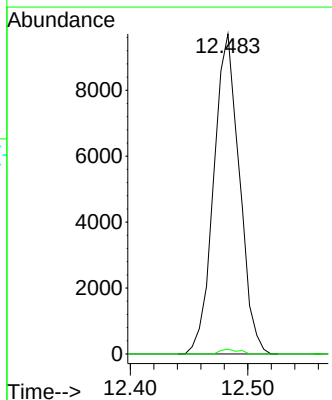
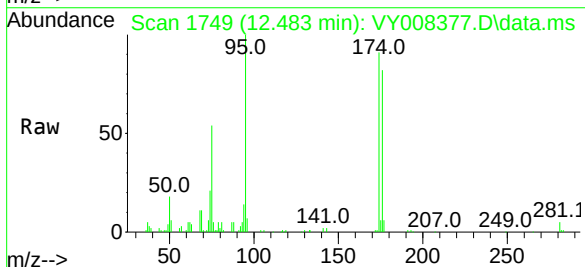
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

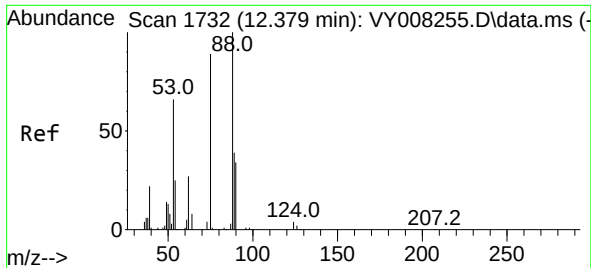
Tgt Ion:152 Resp: 28817
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 157.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.312 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008377.D
 Acq: 18 Apr 2022 16:43

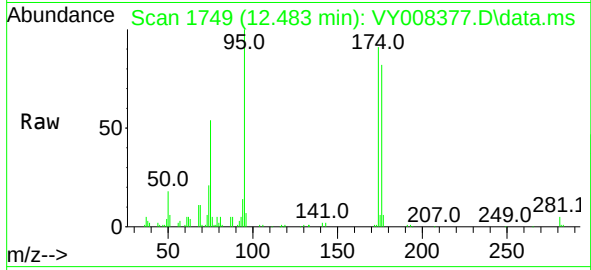
Tgt Ion: 75 Resp: 14760
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.621 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008377.D
 Acq: 18 Apr 2022 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3



Tgt Ion:	75	Resp:	14760
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

