

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008580.D
 Acq On : 03 May 2022 10:38
 Operator : KP/MD
 Sample : VY0503SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBL01

Quant Time: May 03 16:55:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

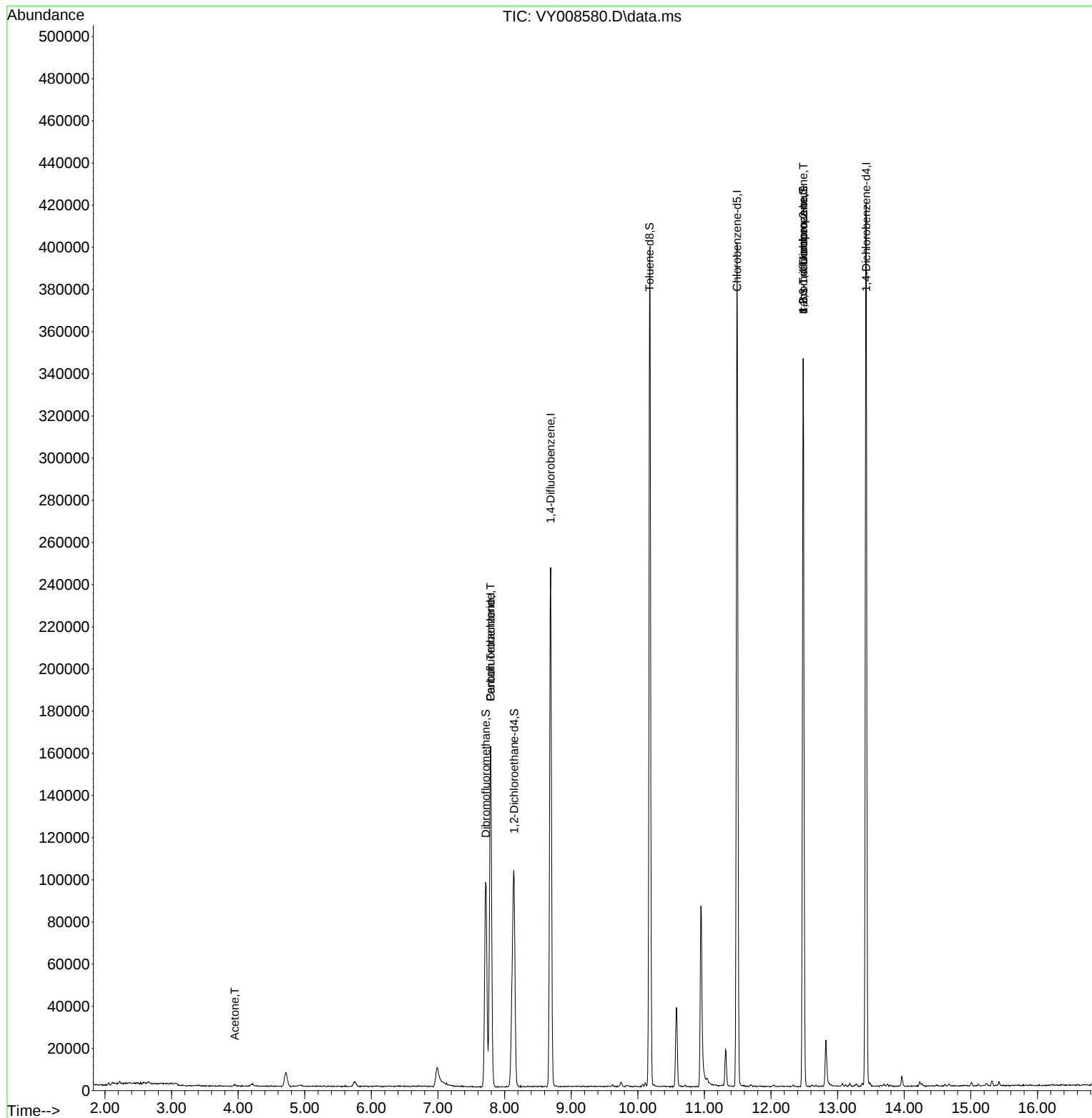
Internal Standards						
1) Pentafluorobenzene	7.789	168	137302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65275	48.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.820%		
35) Dibromofluoromethane	7.716	113	72021	46.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.840%		
50) Toluene-d8	10.179	98	276252	50.804	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.483	95	100281	50.316	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.640%		
Target Compounds						
5) Bromomethane	2.656	94	397	Below Cal	#	68
11) Tert butyl alcohol	4.948	59	816	Below Cal	#	77
16) Acetone	3.948	43	1153	4.010	ug/l #	84
18) Methyl Acetate	4.472	43	273	Below Cal	#	56
20) Methylene Chloride	4.716	84	5488	Below Cal	#	75
38) Carbon Tetrachloride	7.789	117	12120	4.451	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48724	39.371	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48724	79.822	ug/l #	7

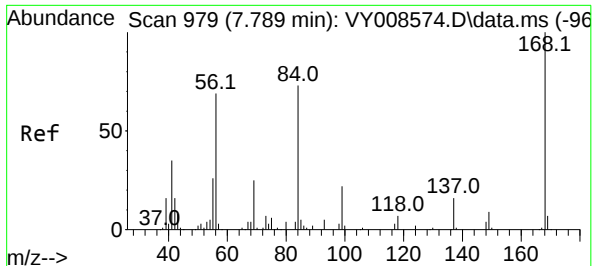
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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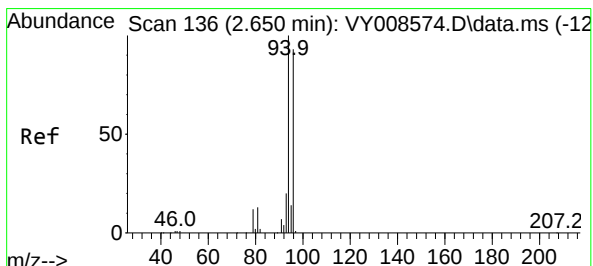
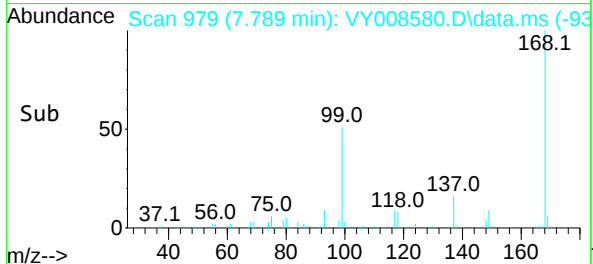
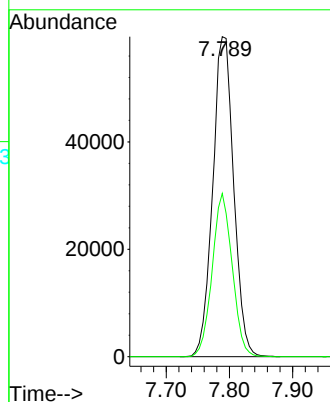
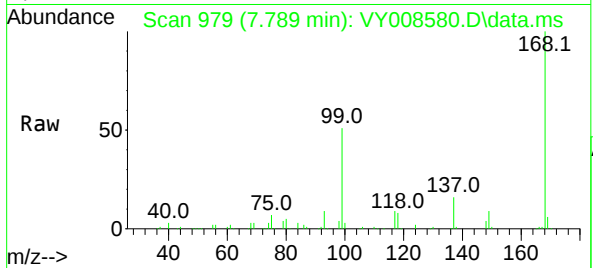




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

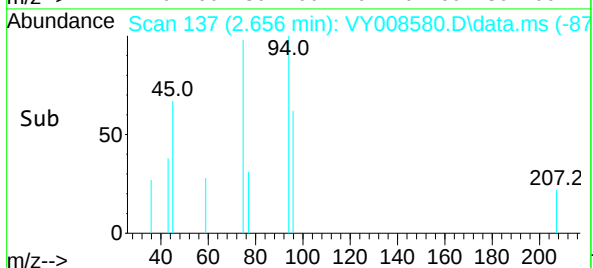
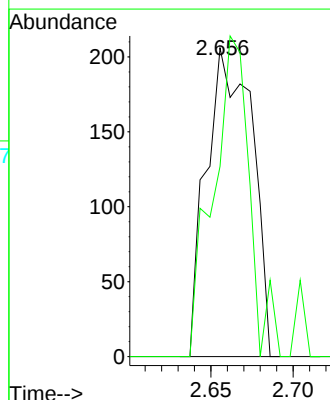
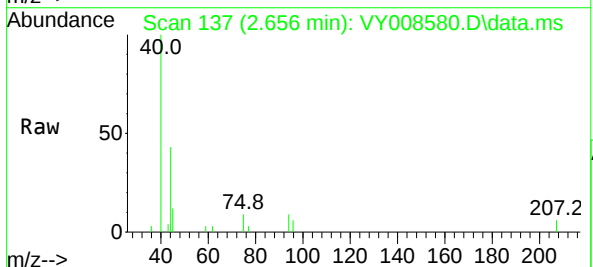
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

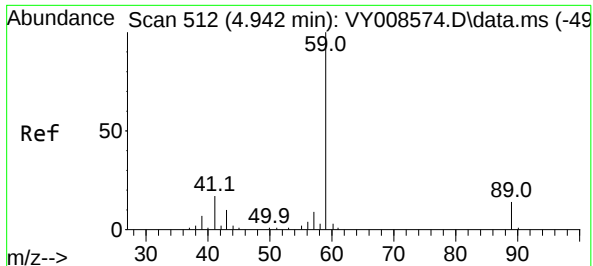
Tgt Ion:168 Resp: 137302
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 61.7 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008580.D

Acq: 03 May 2022 10:38

Instrument :

MSVOA_Y

ClientSampleId :

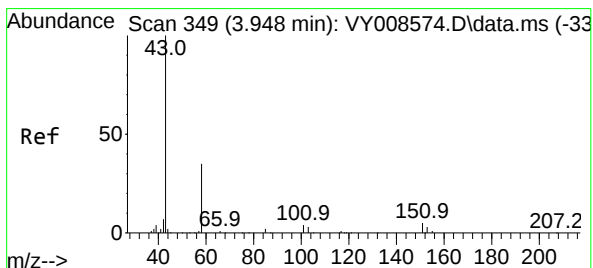
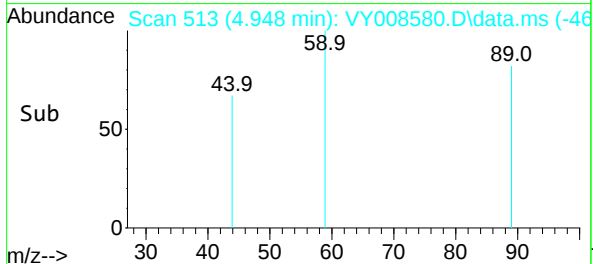
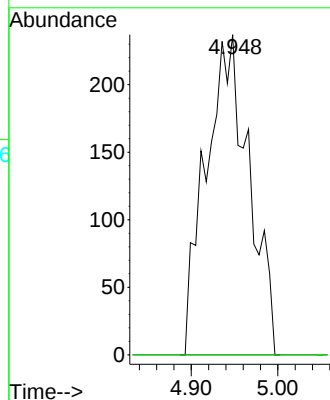
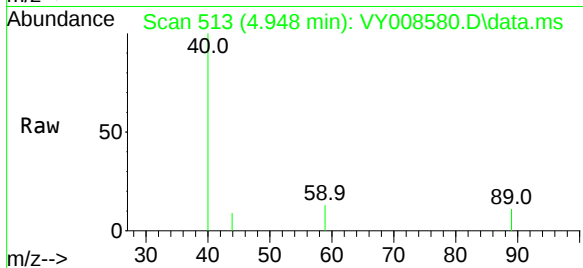
VY0503SBL01

Tgt Ion: 59 Resp: 816

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.010 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008580.D

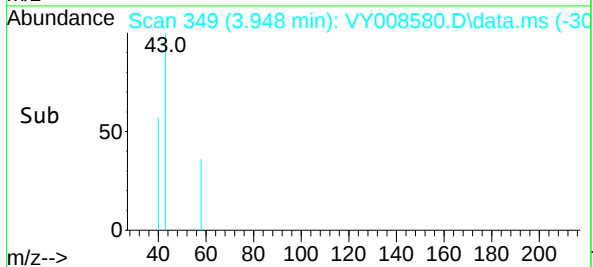
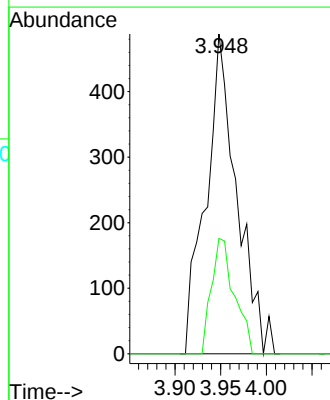
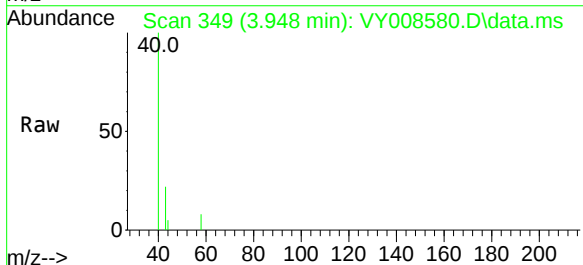
Acq: 03 May 2022 10:38

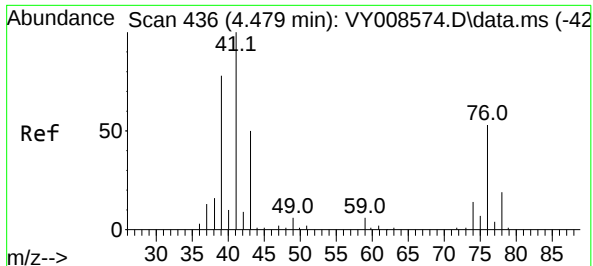
Tgt Ion: 43 Resp: 1153

Ion Ratio Lower Upper

43 100

58 36.1 22.0 33.0#

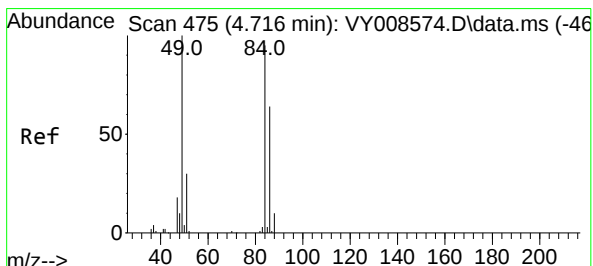
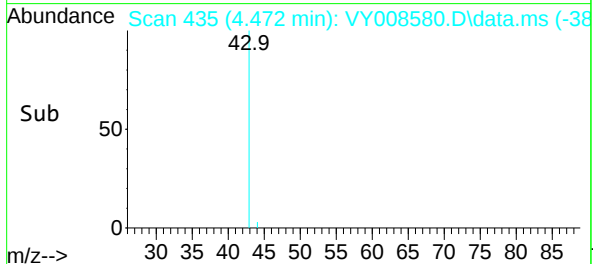
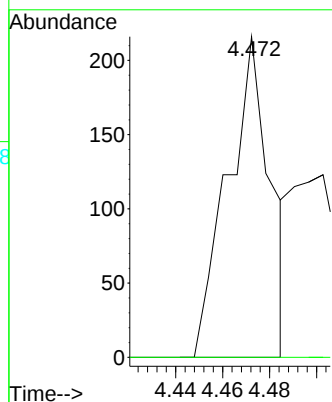
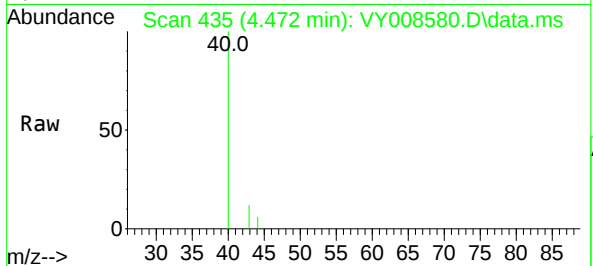




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

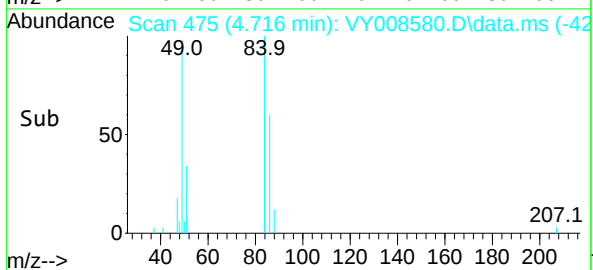
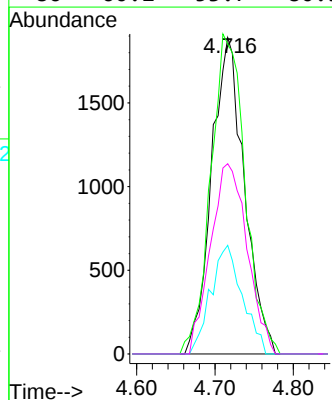
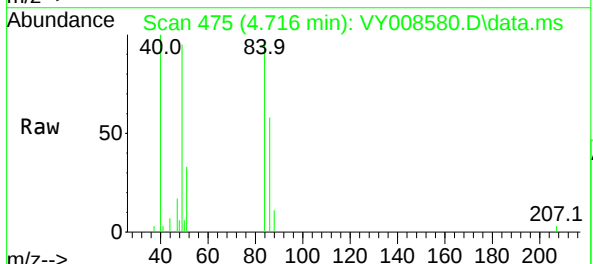
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

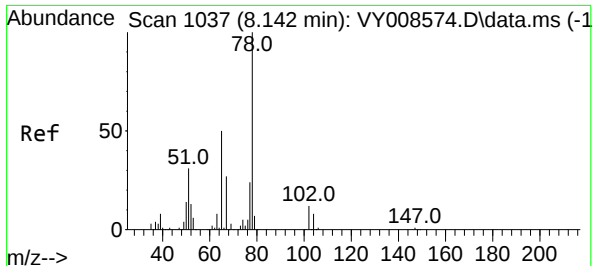
Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion: 84 Resp: 5488
Ion Ratio Lower Upper
84 100
49 98.0 114.4 171.6#
51 34.3 35.3 52.9#
86 60.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 48.914 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008580.D

Acq: 03 May 2022 10:38

Instrument :

MSVOA_Y

ClientSampleId :

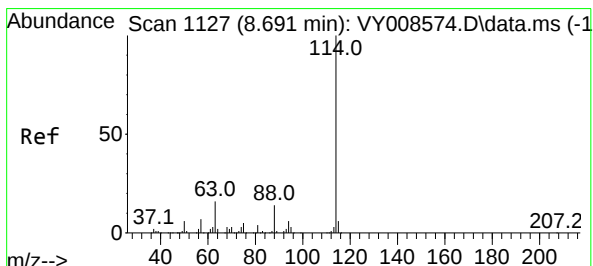
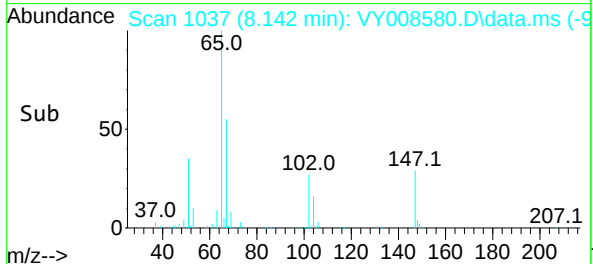
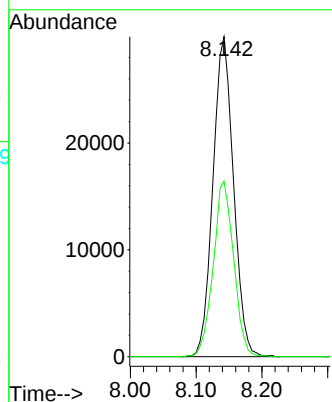
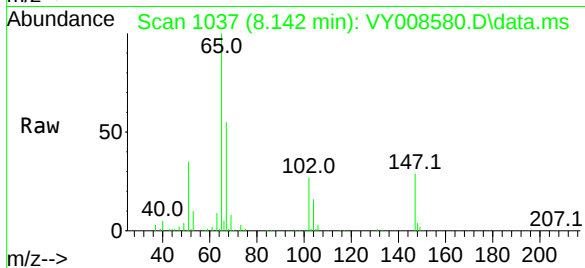
VY0503SBL01

Tgt Ion: 65 Resp: 65275

Ion Ratio Lower Upper

65 100

67 54.6 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: VY008580.D

Acq: 03 May 2022 10:38

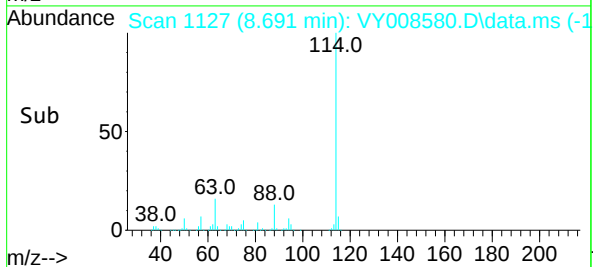
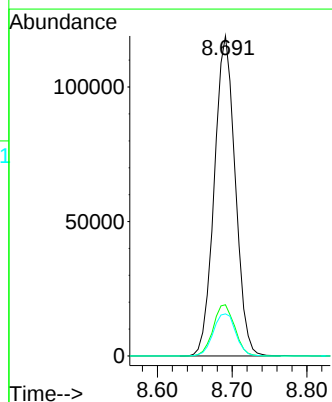
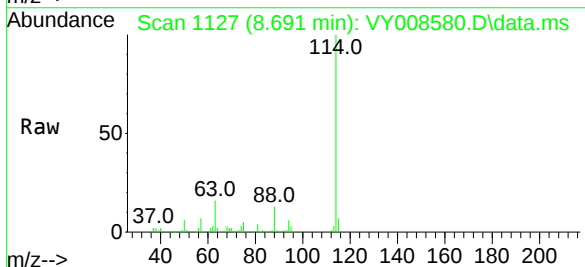
Tgt Ion: 114 Resp: 231954

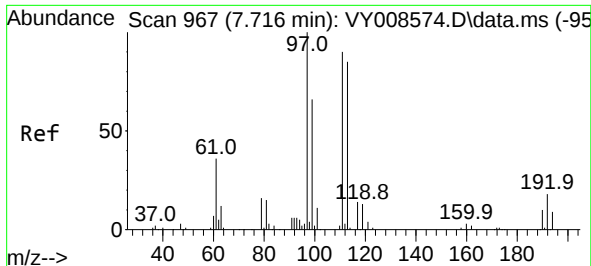
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.2 0.0 31.8

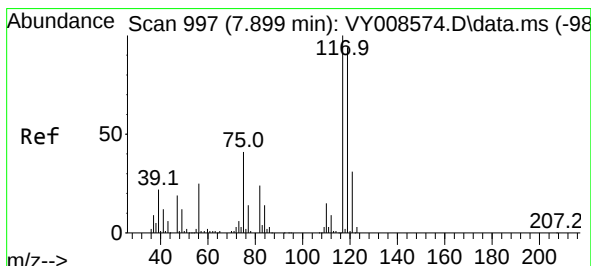
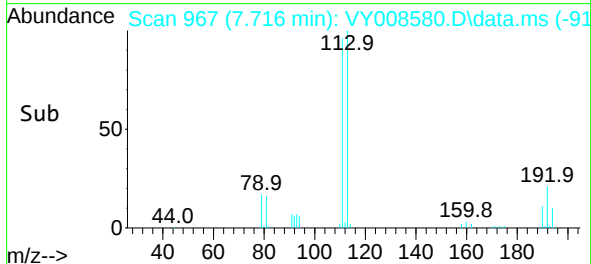
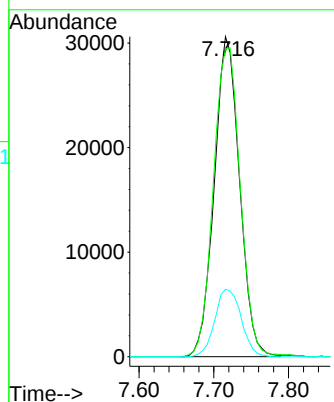
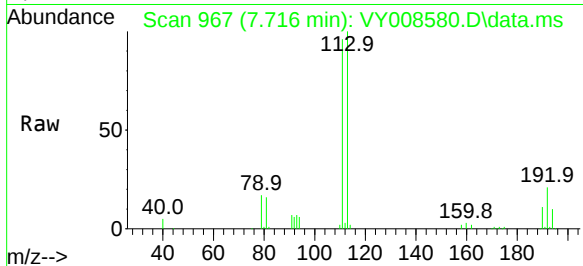




#35
Dibromofluoromethane
Concen: 46.924 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

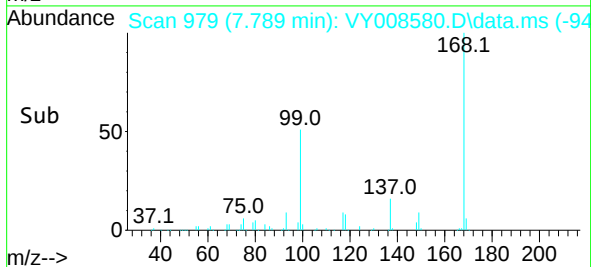
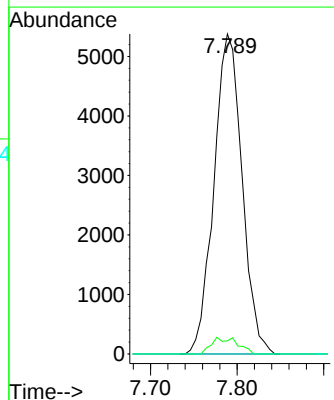
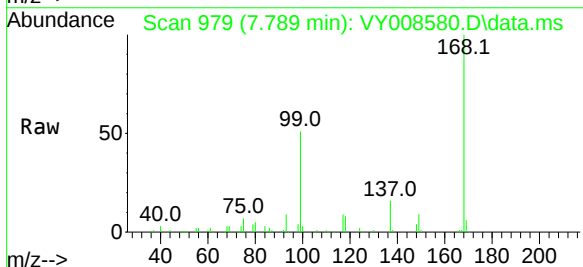
Instrument :
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ClientSampleId :
VY0503SBL01

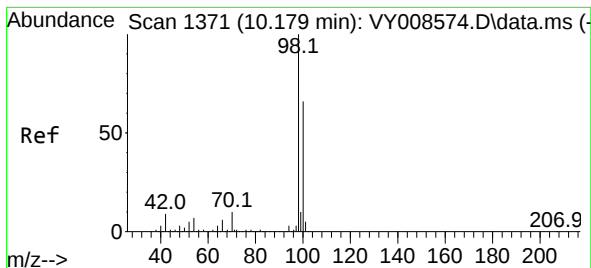
Tgt Ion:113 Resp: 72021
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.9 17.6 26.4



#38
Carbon Tetrachloride
Concen: 4.451 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion:117 Resp: 12120
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#

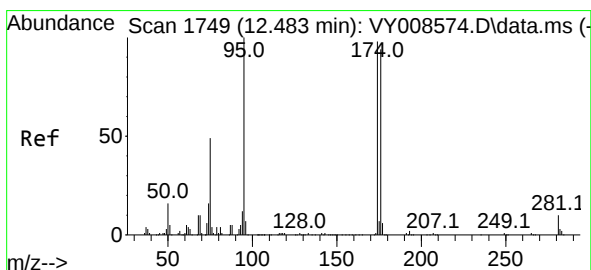
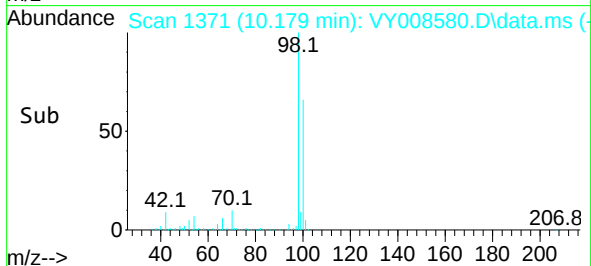
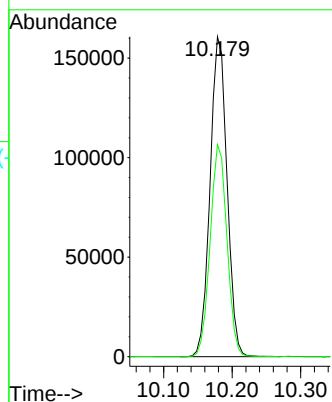
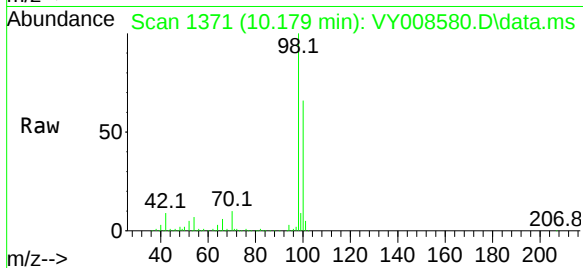




#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

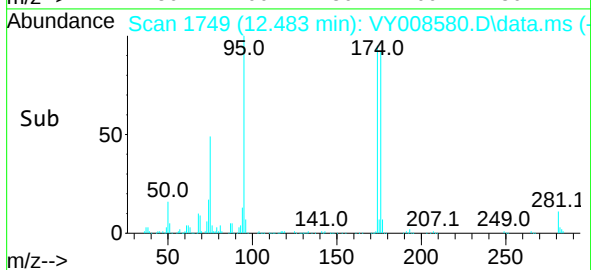
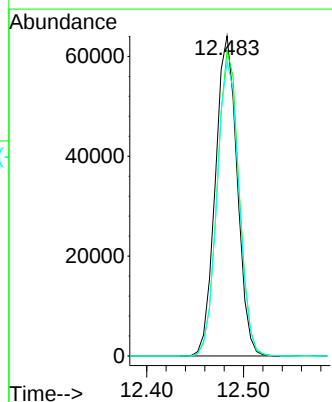
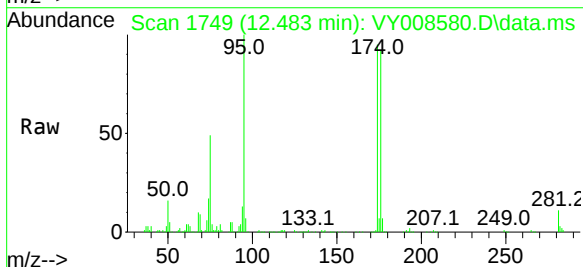
Instrument :
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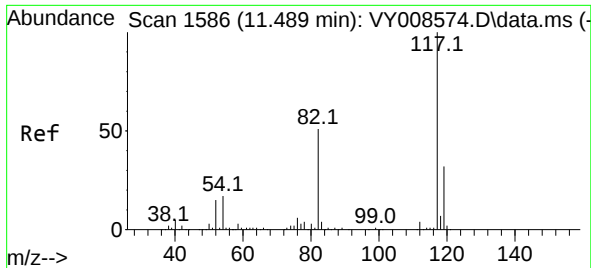
Tgt Ion: 98 Resp: 276252
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion: 95 Resp: 100281
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.8 0.0 175.8

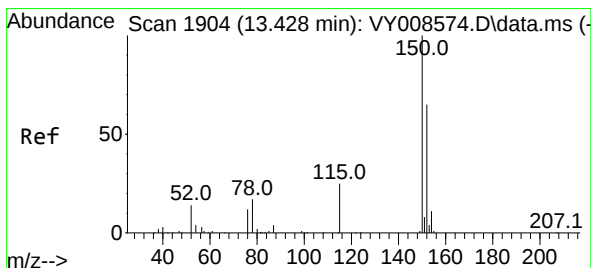
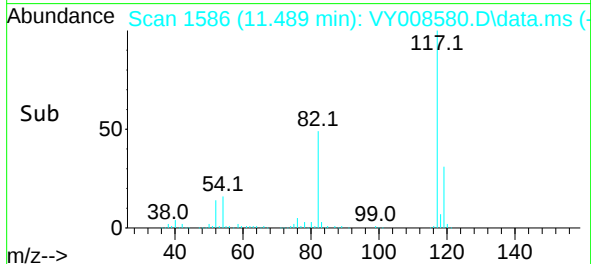
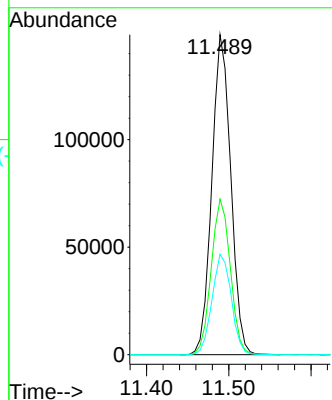
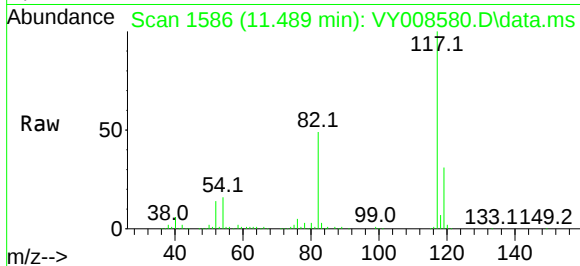




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

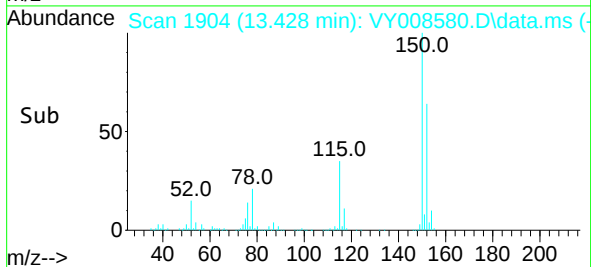
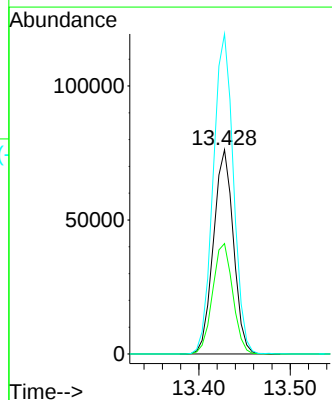
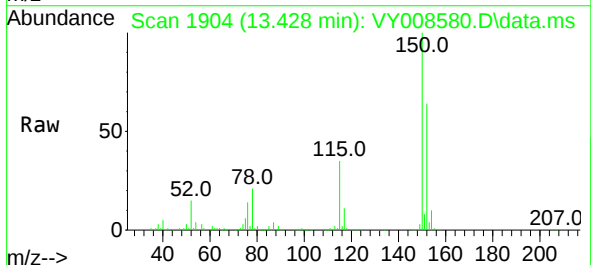
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

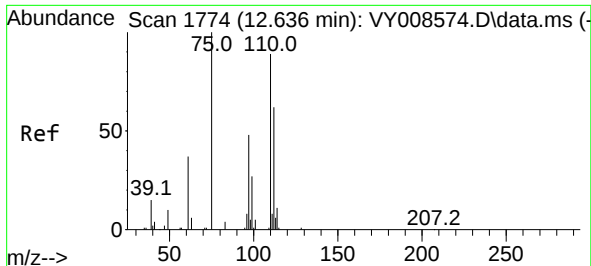
Tgt Ion:	117	Resp:	238539
Ion	Ratio	Lower	Upper
117	100		
82	48.6	43.0	64.4
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion:	152	Resp:	115932
Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	158.7	0.0	347.6

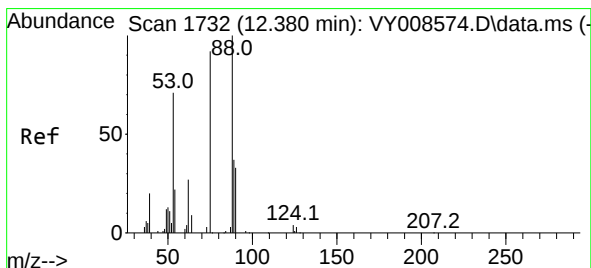
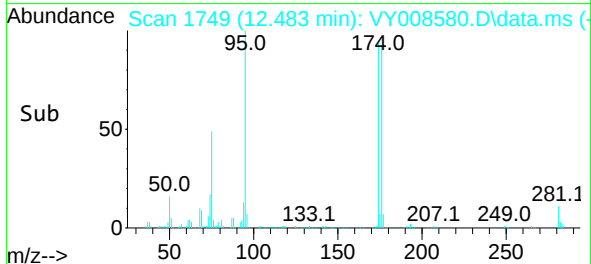
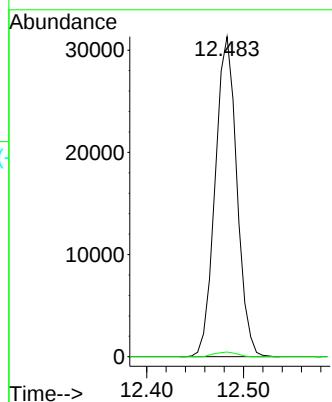
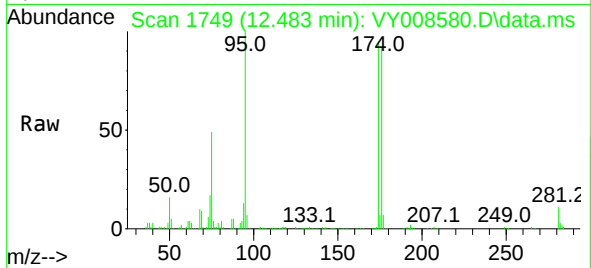




#76
1,2,3-Trichloropropane
Concen: 39.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

Tgt Ion: 75 Resp: 48724
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.822 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion: 75 Resp: 48724
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

