

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008607.D
 Acq On : 04 May 2022 13:16
 Operator : KP/MD
 Sample : N2616-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20SRE

Quant Time: May 05 04:34:45 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)

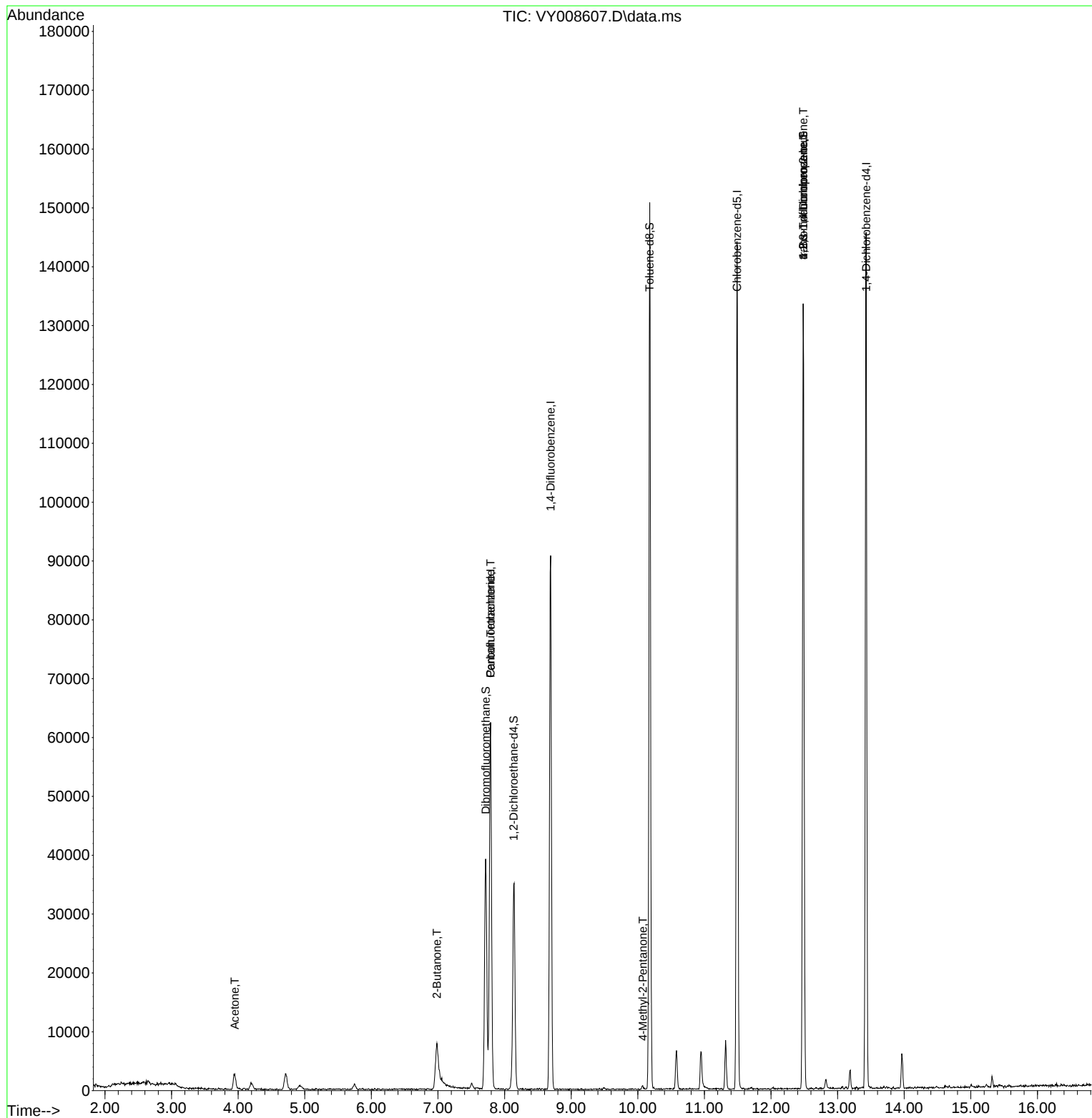
Internal Standards						
1) Pentafluorobenzene	7.789	168	52532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	85363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	86374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	26731	52.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.720%	
35) Dibromofluoromethane	7.716	113	27829	49.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.540%	
50) Toluene-d8	10.179	98	100780	50.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.483	95	34576	47.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	319	Below Cal	#	79
11) Tert butyl alcohol	4.930	59	668	Below Cal	#	77
16) Acetone	3.948	43	4636	42.142	ug/l #	82
18) Methyl Acetate	4.466	43	114	Below Cal	#	56
20) Methylene Chloride	4.716	84	2265	Below Cal	#	74
25) 2-Butanone	6.984	43	617	3.494	ug/l	93
38) Carbon Tetrachloride	7.789	117	4708	4.698	ug/l #	14
51) 4-Methyl-2-Pentanone	10.075	43	538	1.251	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	17458	40.234	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17458	81.572	ug/l #	7

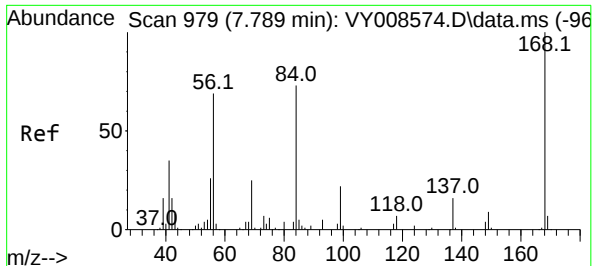
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
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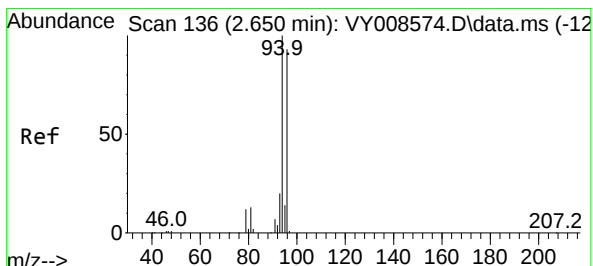
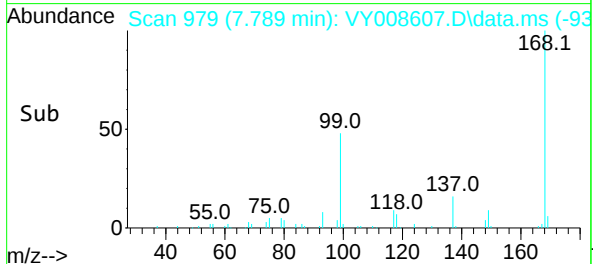
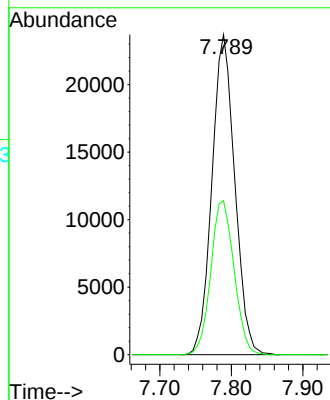
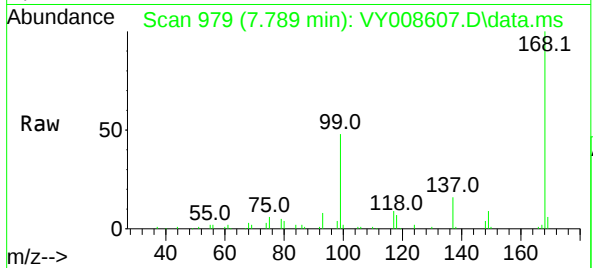




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

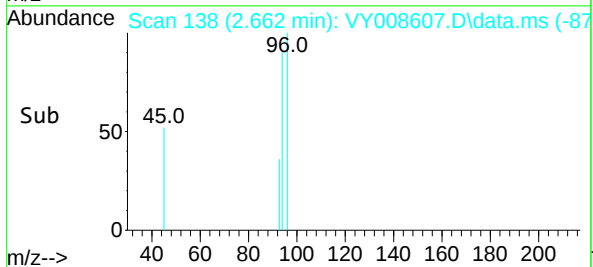
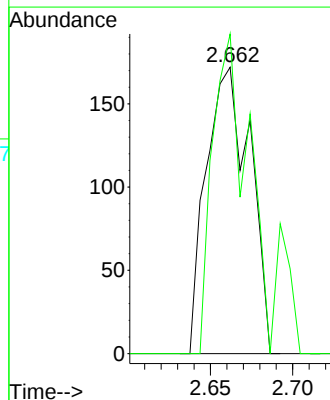
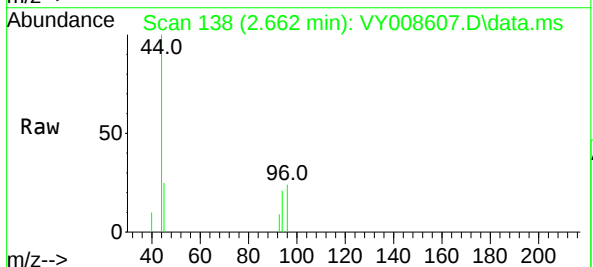
Instrument :
MSVOA_Y
ClientSampleId :
MH-20SRE

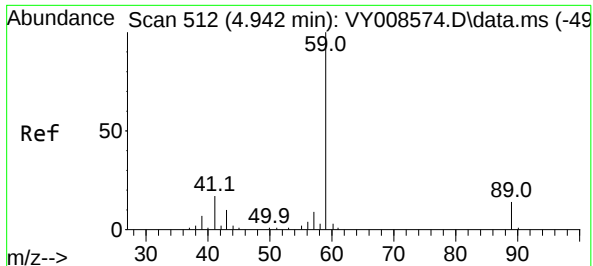
Tgt Ion:168 Resp: 52532
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 111.6 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY008607.D

Acq: 04 May 2022 13:16

Instrument :

MSVOA_Y

ClientSampleId :

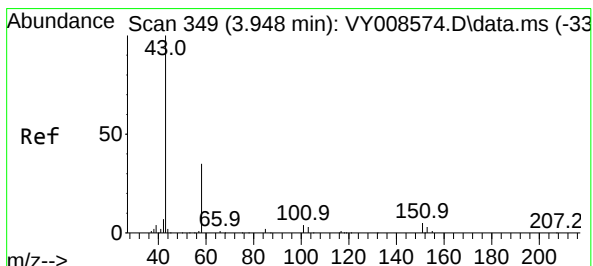
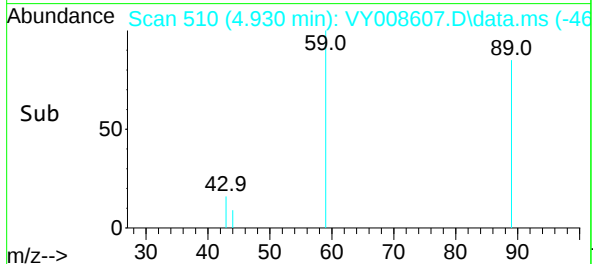
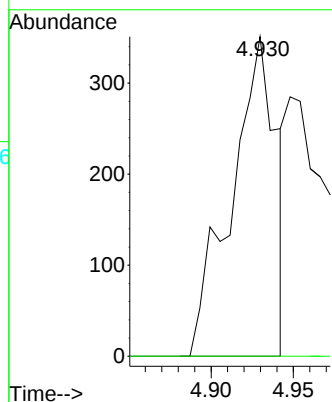
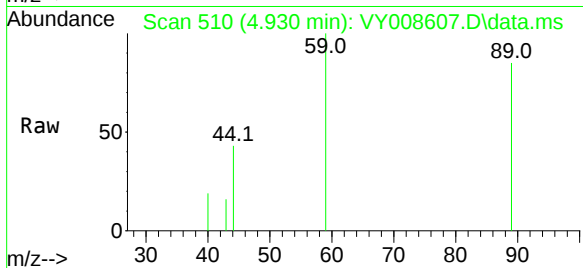
MH-20SRE

Tgt Ion: 59 Resp: 668

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 42.142 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008607.D

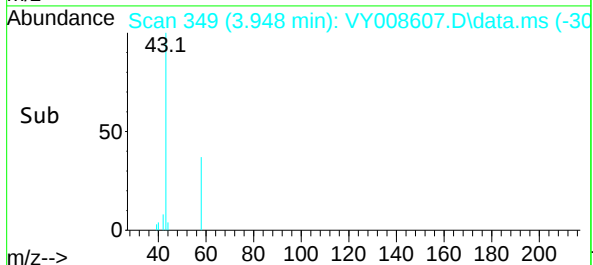
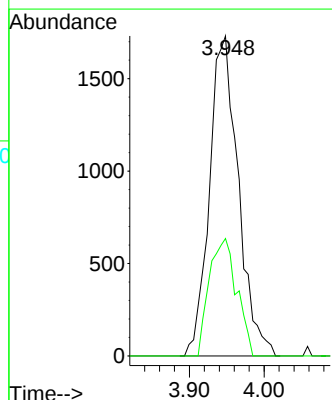
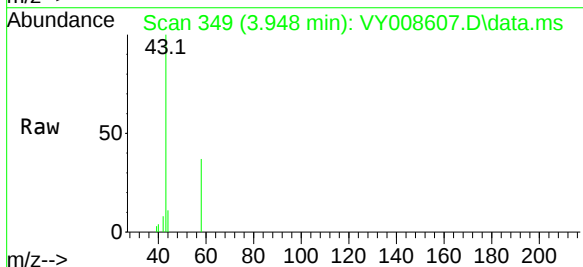
Acq: 04 May 2022 13:16

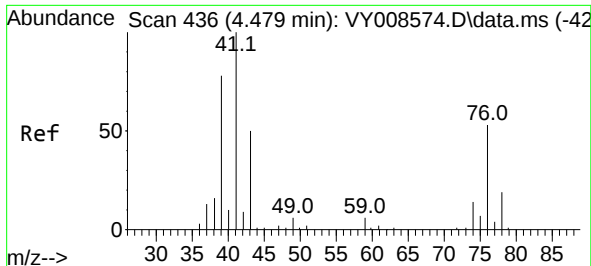
Tgt Ion: 43 Resp: 4636

Ion Ratio Lower Upper

43 100

58 36.7 22.0 33.0#

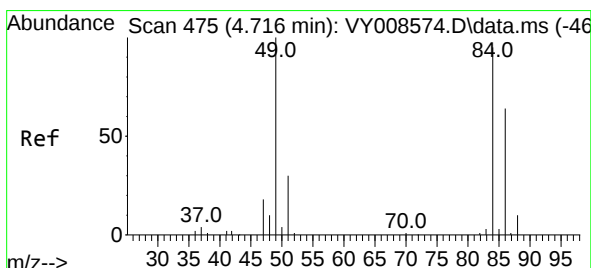
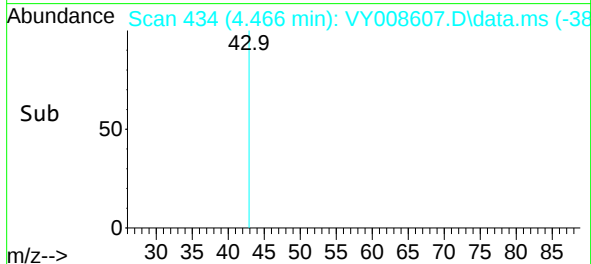
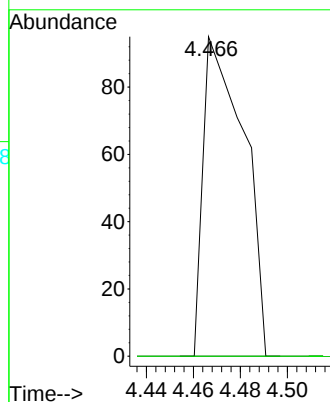
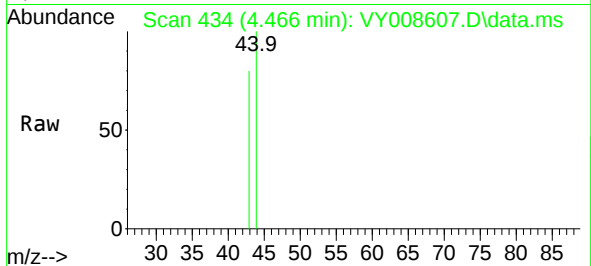




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

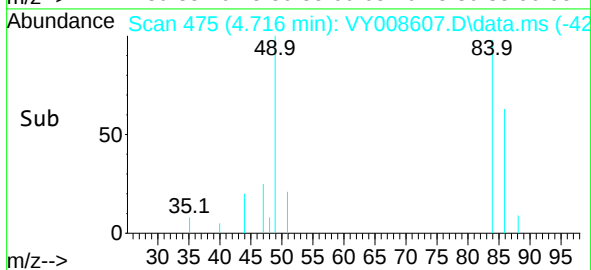
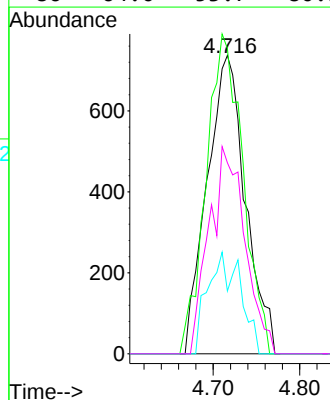
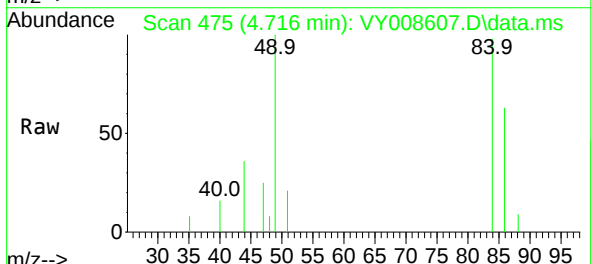
Instrument :
MSVOA_Y
ClientSampleId :
MH-20SRE

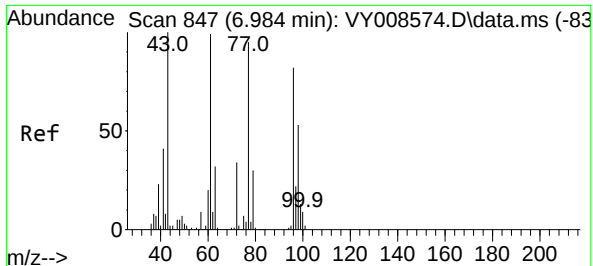
Tgt Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion: 84 Resp: 2265
Ion Ratio Lower Upper
84 100
49 102.3 114.4 171.6#
51 21.0 35.3 52.9#
86 64.0 53.7 80.5

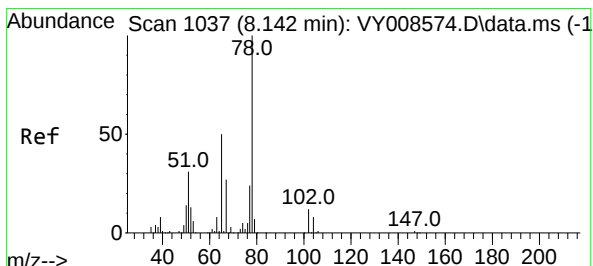
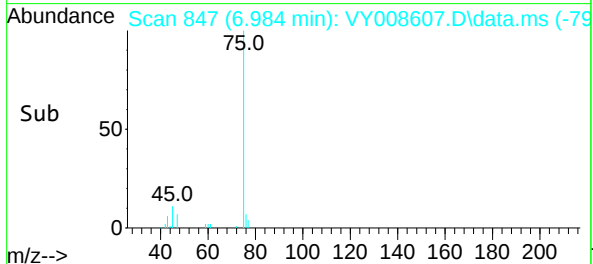
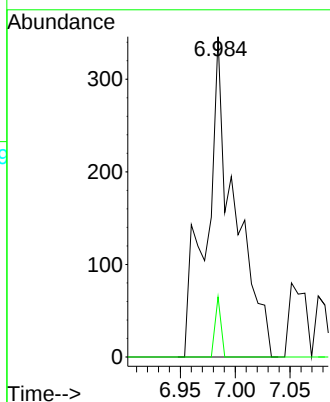
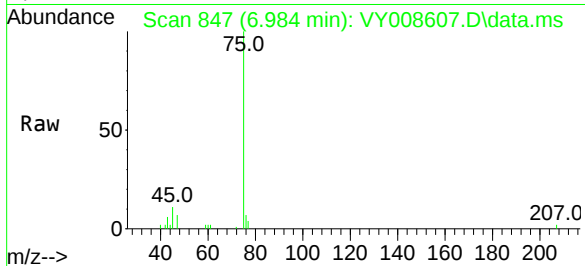




#25
2-Butanone
Concen: 3.494 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

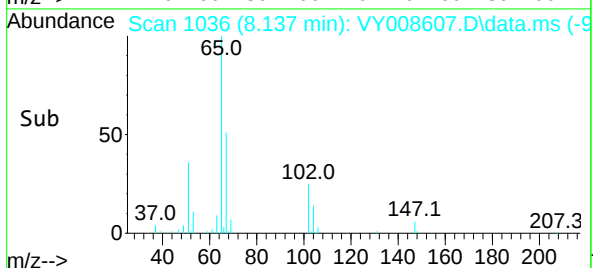
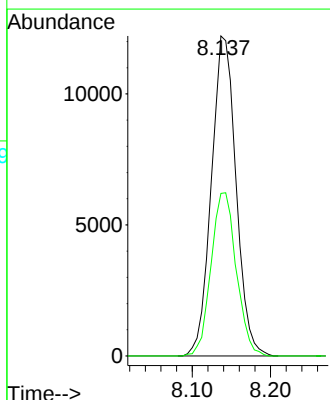
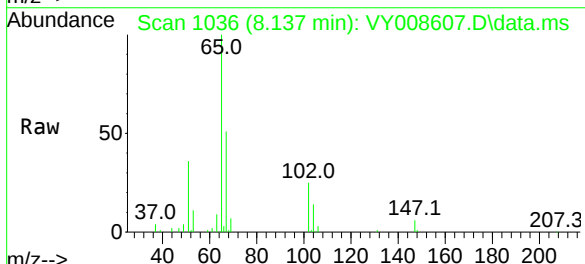
Instrument :
MSVOA_Y
ClientSampleId :
MH-20SRE

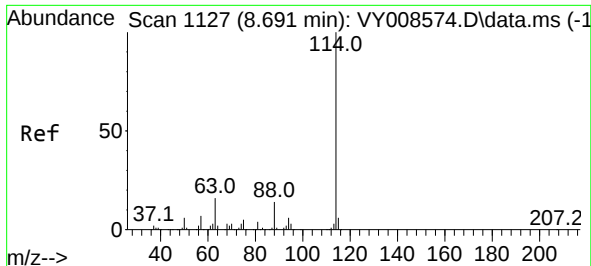
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
72 18.8 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 52.355 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion: 65 Resp: 26731
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4

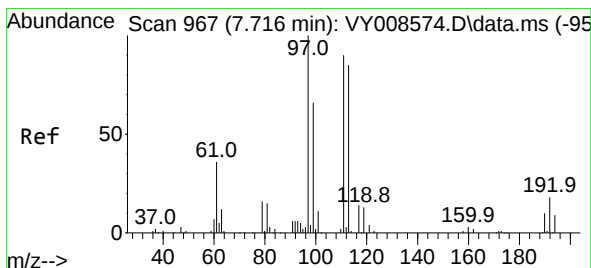
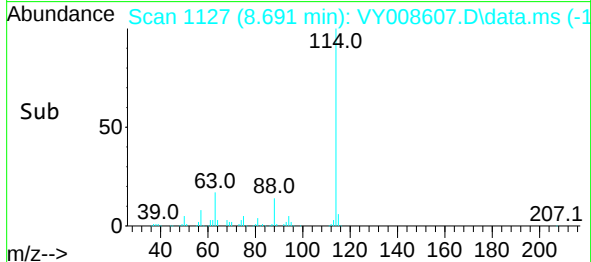
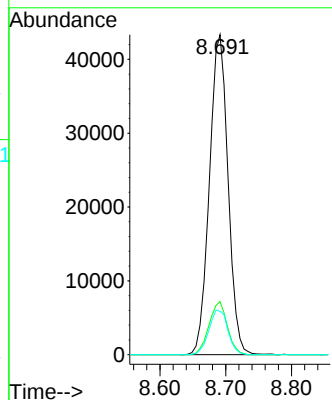
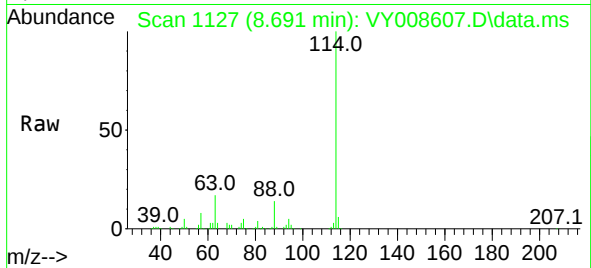




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

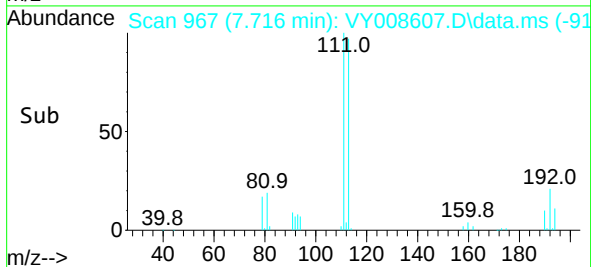
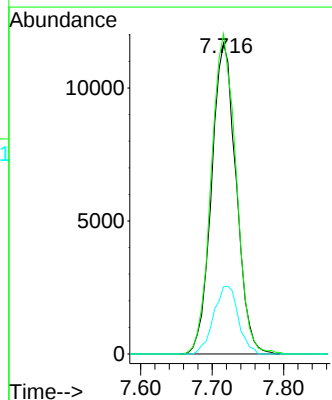
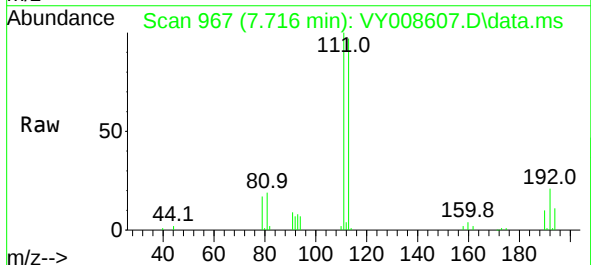
Instrument :
MSVOA_Y
ClientSampleId :
MH-20SRE

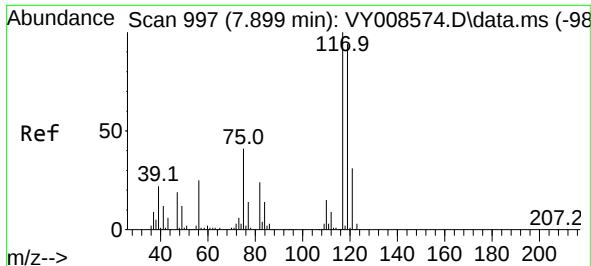
Tgt Ion:114 Resp: 85363
Ion Ratio Lower Upper
114 100
63 16.6 0.0 43.2
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.268 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion:113 Resp: 27829
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 21.8 17.6 26.4

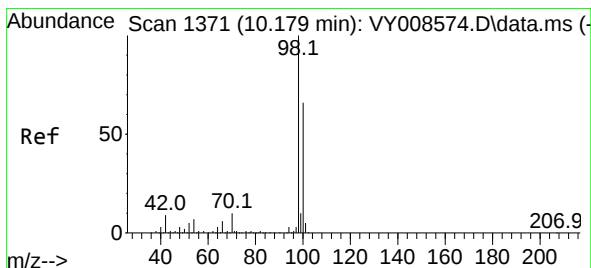
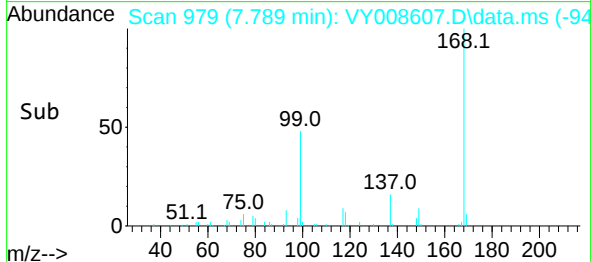
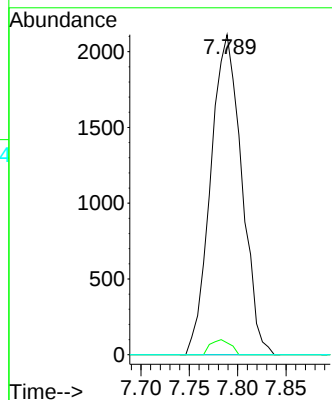
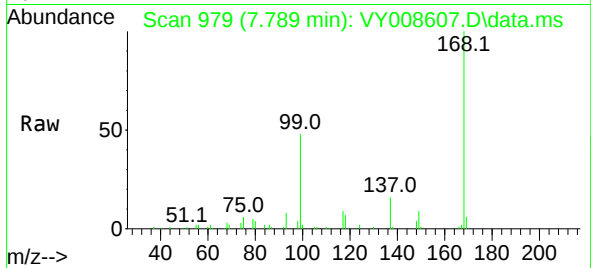




#38
Carbon Tetrachloride
Concen: 4.698 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

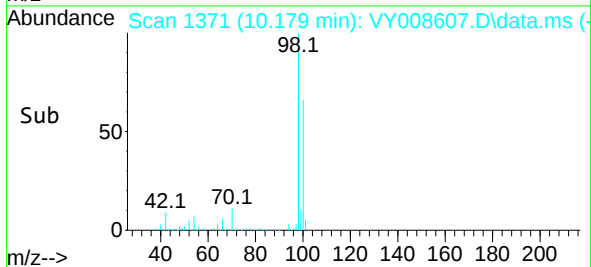
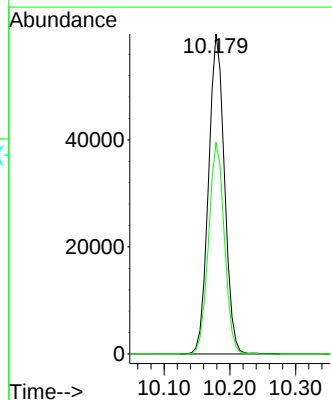
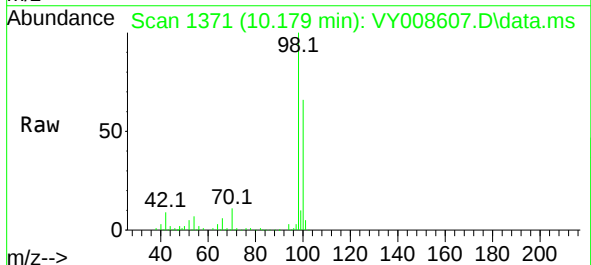
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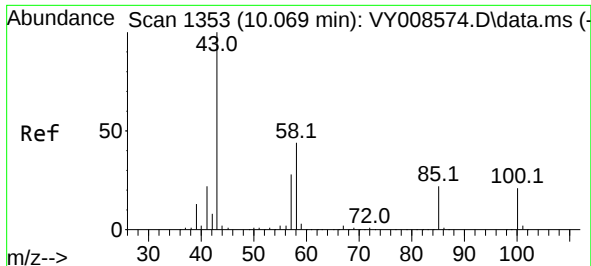
Tgt Ion:117 Resp: 4708
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.361 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion: 98 Resp: 100780
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

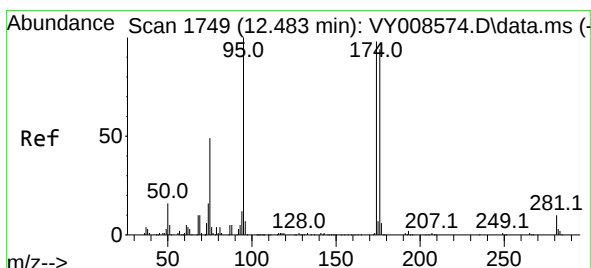
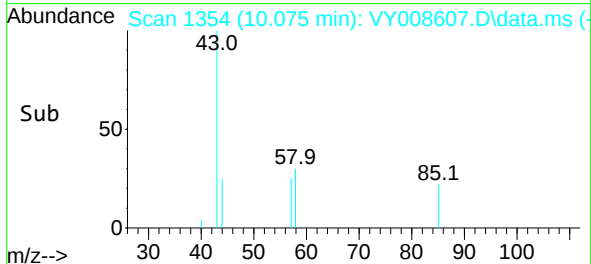
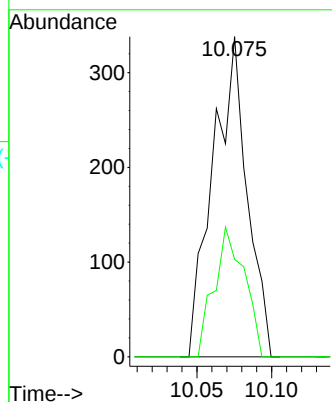
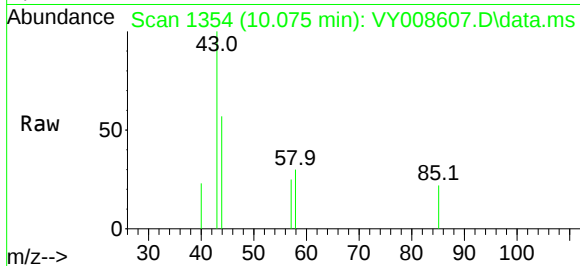




#51
4-Methyl-2-Pentanone
Concen: 1.251 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

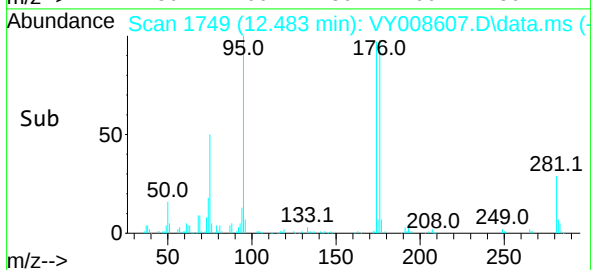
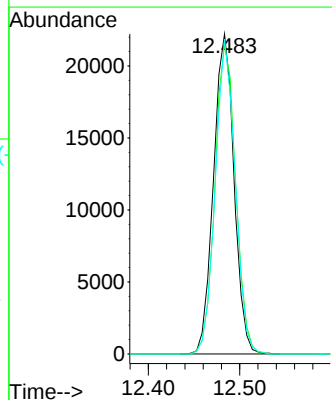
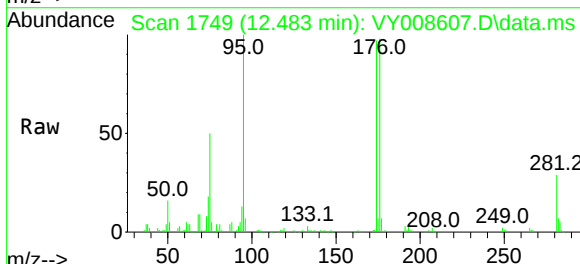
Instrument :
MSVOA_Y
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MH-20SRE

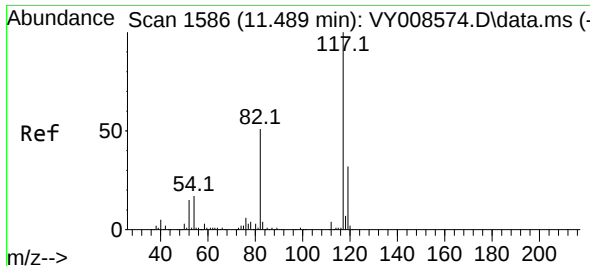
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
58 35.7 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 47.141 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion: 95 Resp: 34576
Ion Ratio Lower Upper
95 100
174 97.8 0.0 177.0
176 95.6 0.0 175.8

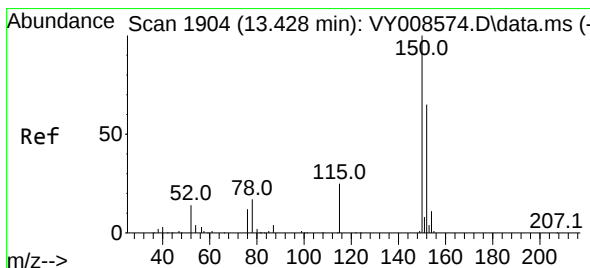
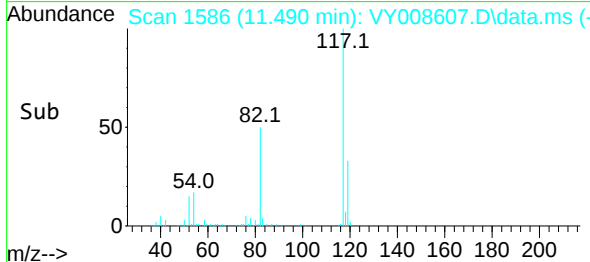
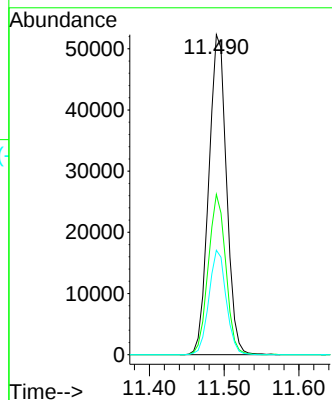
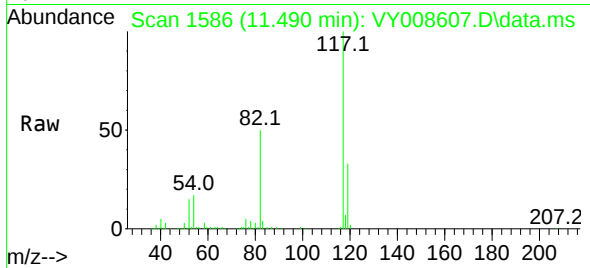




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

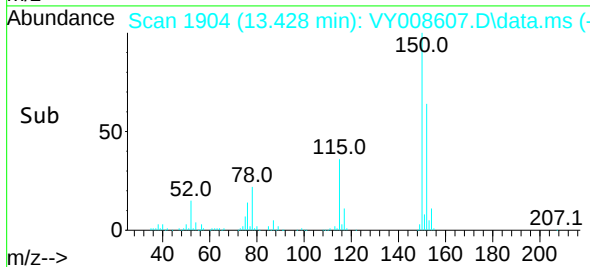
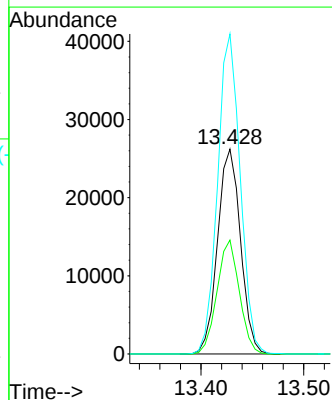
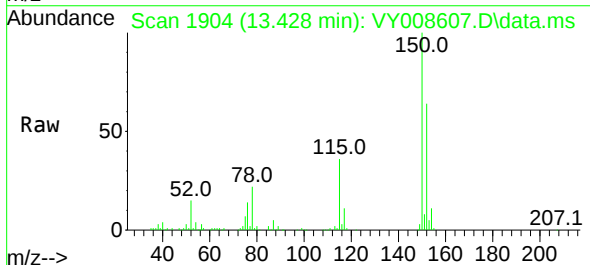
Instrument :
MSVOA_Y
ClientSampleId :
MH-20SRE

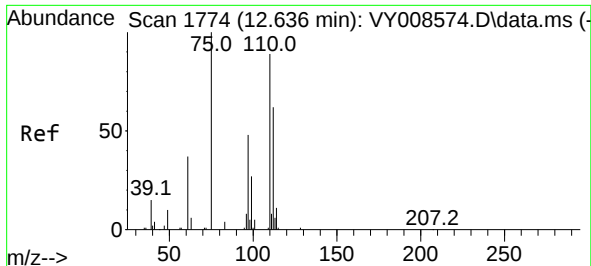
Tgt Ion:117 Resp: 86374
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion:152 Resp: 40648
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 153.7 0.0 347.6

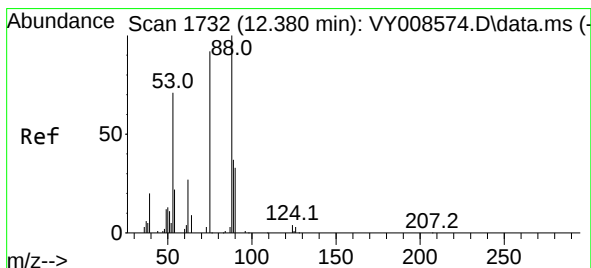
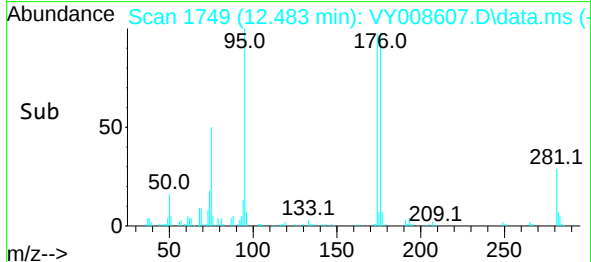
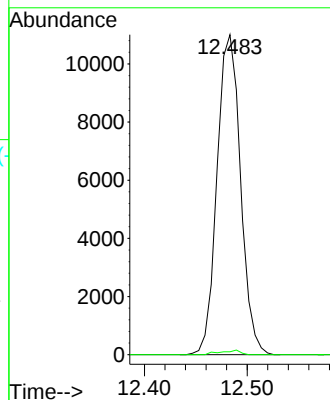
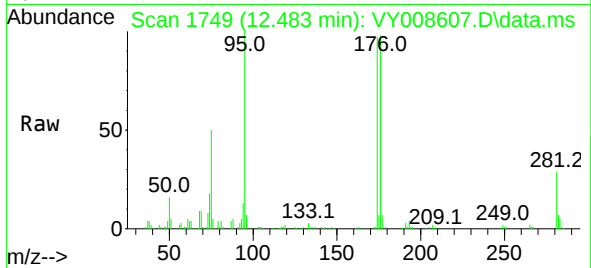




#76
1,2,3-Trichloropropane
Concen: 40.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Instrument :
MSVOA_Y
ClientSampleId :
MH-20SRE

Tgt Ion: 75 Resp: 17458
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.572 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008607.D
Acq: 04 May 2022 13:16

Tgt Ion: 75 Resp: 17458
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

