

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008762.D
 Acq On : 13 May 2022 20:19
 Operator : KP/MD
 Sample : N2775-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35D

Quant Time: May 16 05:56:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

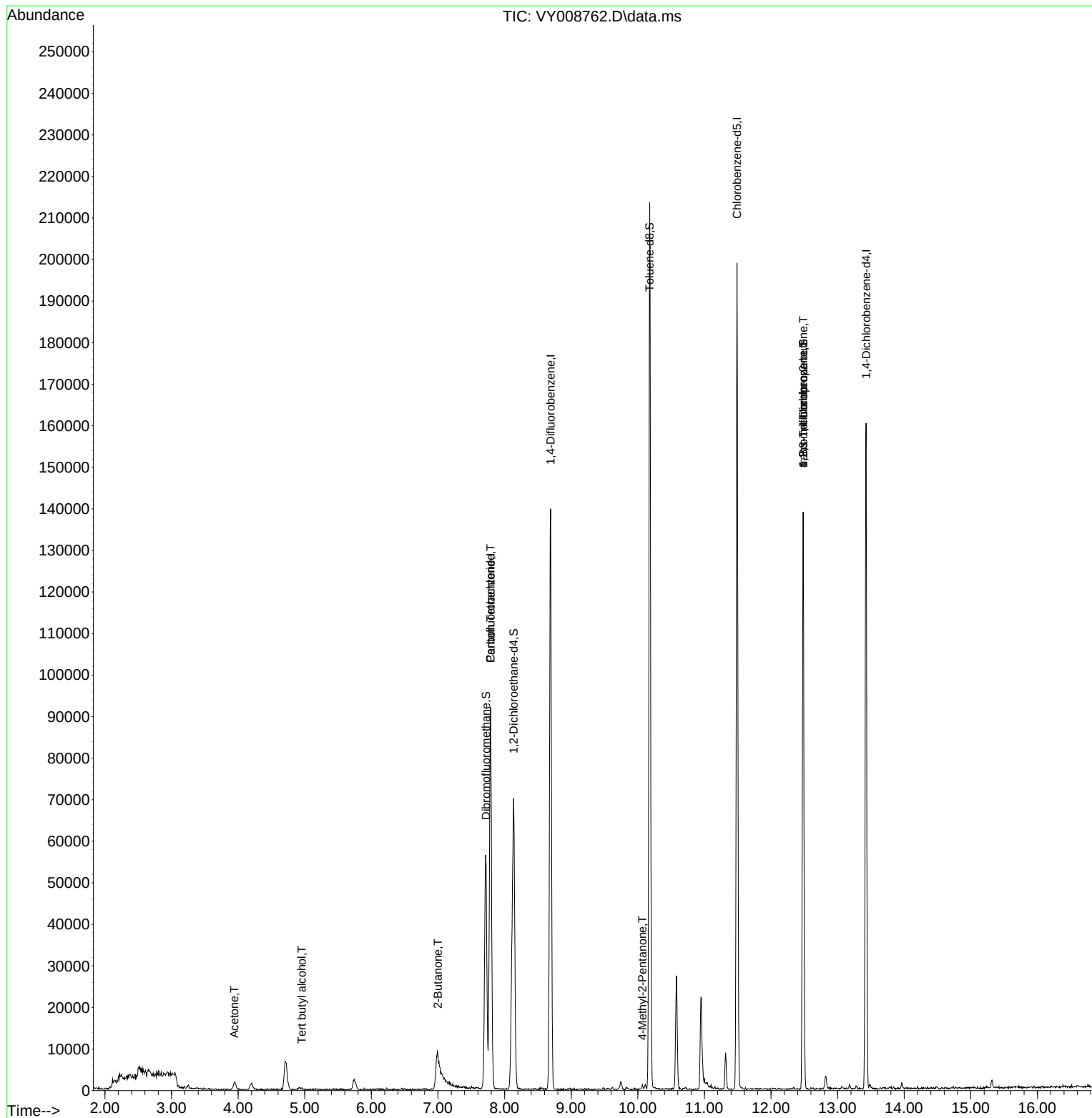
Internal Standards						
1) Pentafluorobenzene	7.789	168	68953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	119107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38895	56.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.280%			
35) Dibromofluoromethane	7.722	113	39200	54.835	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.680%			
50) Toluene-d8	10.178	98	139390	51.704	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.483	95	36587	39.170	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23	Below Cal	#	42
3) Chloromethane	2.113	50	285	Below Cal	#	42
4) Vinyl Chloride	2.253	62	66	Below Cal	#	41
5) Bromomethane	2.668	94	696	Below Cal	#	78
6) Chloroethane	2.802	64	46	Below Cal	#	42
11) Tert butyl alcohol	4.954	59	413	2.582	ug/l #	76
16) Acetone	3.942	43	3304	18.064	ug/l	93
18) Methyl Acetate	4.289	43	20	Below Cal	#	49
20) Methylene Chloride	4.710	84	5455	Below Cal	#	87
25) 2-Butanone	6.996	43	518	2.127	ug/l #	43
31) Cyclohexane	7.783	56	1526	Below Cal	#	60
38) Carbon Tetrachloride	7.789	117	7123	5.906	ug/l #	13
51) 4-Methyl-2-Pentanone	10.069	43	726	1.242	ug/l #	83
76) 1,2,3-Trichloropropane	12.483	75	21562	54.283	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21562	104.868	ug/l #	16

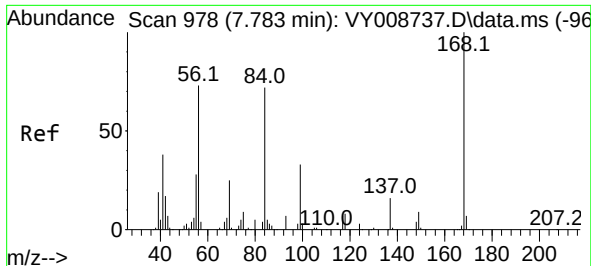
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
Data File : VY008762.D
Acq On : 13 May 2022 20:19
Operator : KP/MD
Sample : N2775-04
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

Quant Time: May 16 05:56:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
Quant Title : SW846 8260
QLast Update : Fri May 13 02:08:33 2022
Response via : Initial Calibration

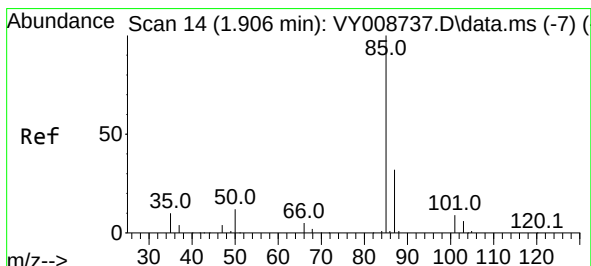
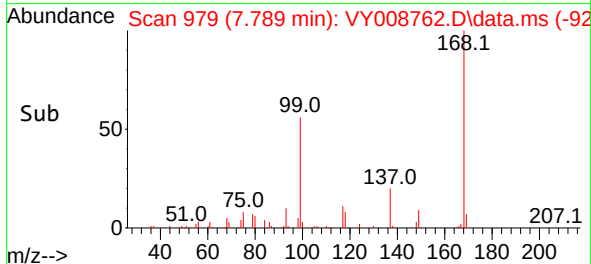
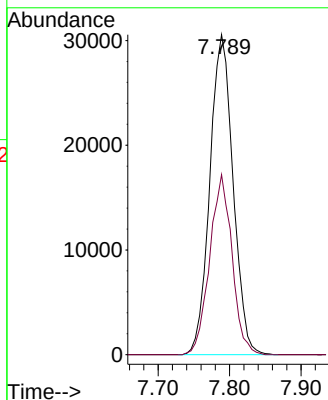
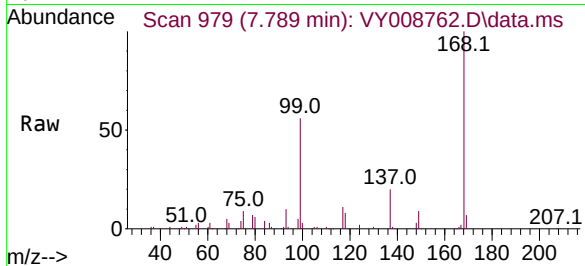




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

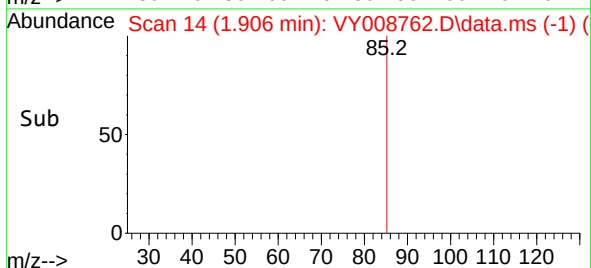
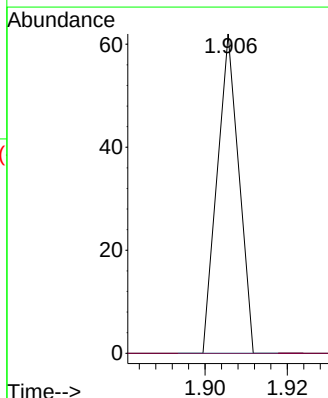
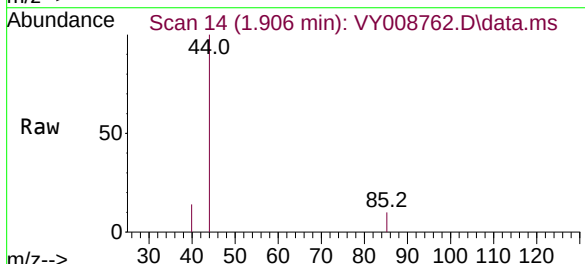
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

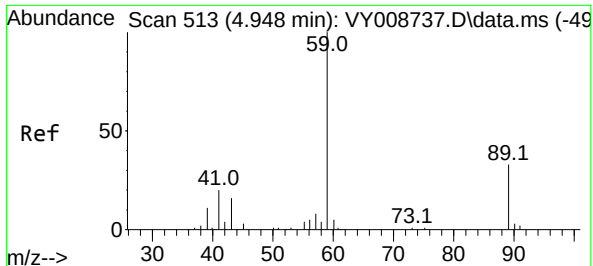
Tgt Ion:168 Resp: 68953
Ion Ratio Lower Upper
168 100
99 56.3 42.3 63.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#





#11

Tert butyl alcohol

Concen: 2.582 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008762.D

Acq: 13 May 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

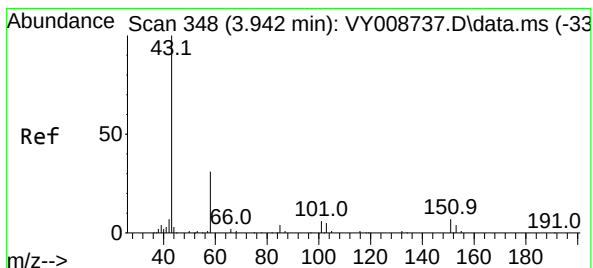
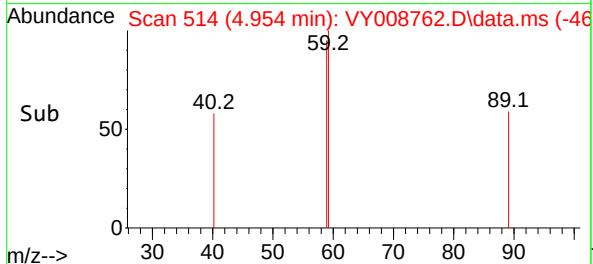
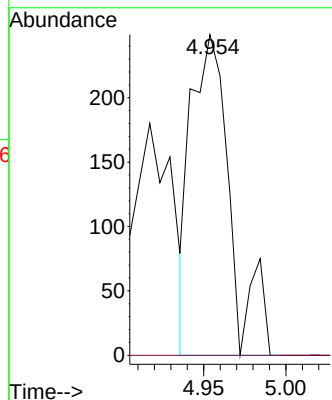
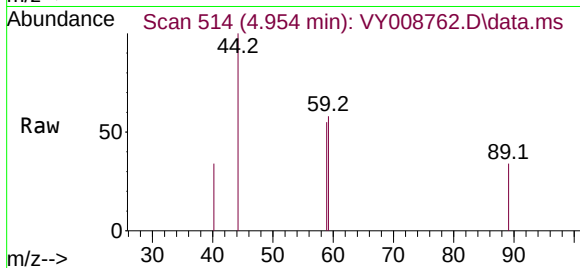
MH-35D

Tgt Ion: 59 Resp: 413

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#16

Acetone

Concen: 18.064 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY008762.D

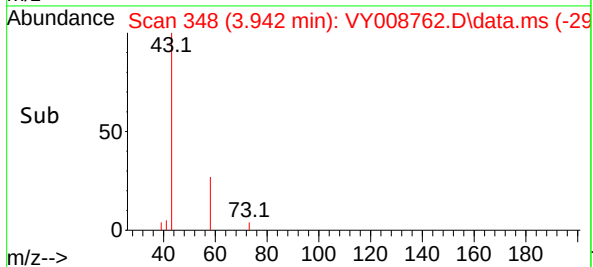
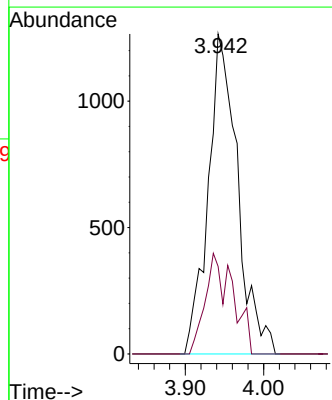
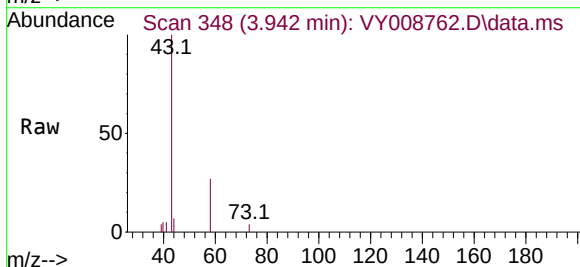
Acq: 13 May 2022 20:19

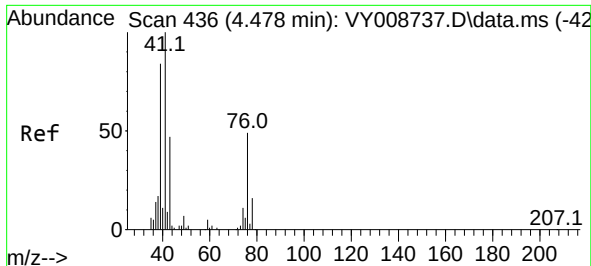
Tgt Ion: 43 Resp: 3304

Ion Ratio Lower Upper

43 100

58 27.3 25.1 37.7

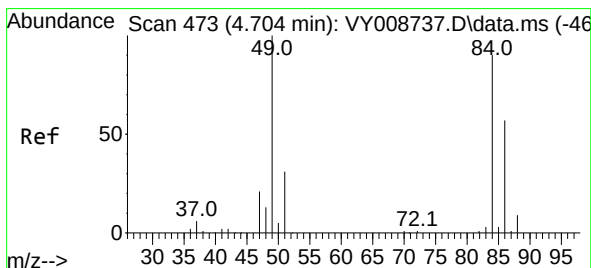
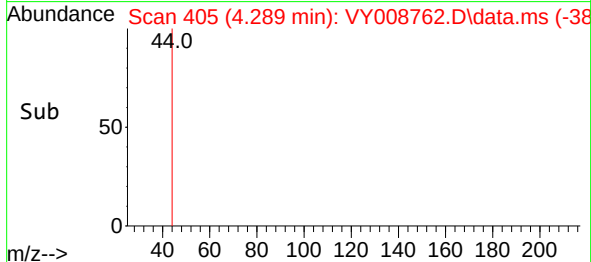
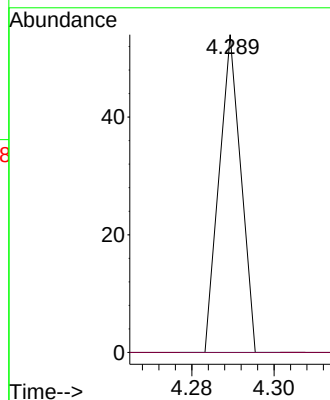
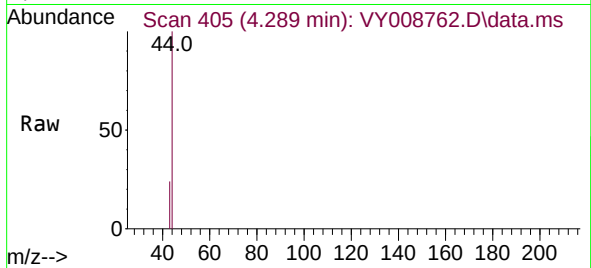




#18
Methyl Acetate
Concen: Below Cal
RT: 4.289 min Scan# 405
Delta R.T. -0.189 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

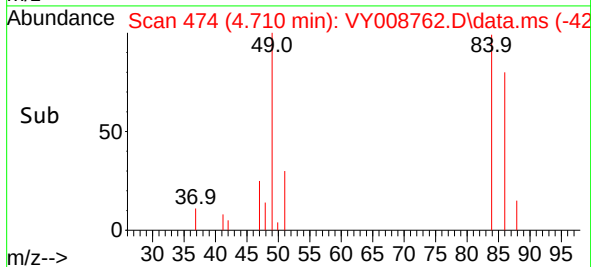
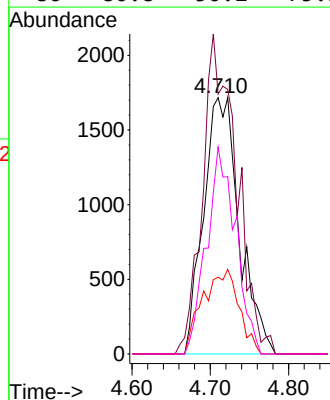
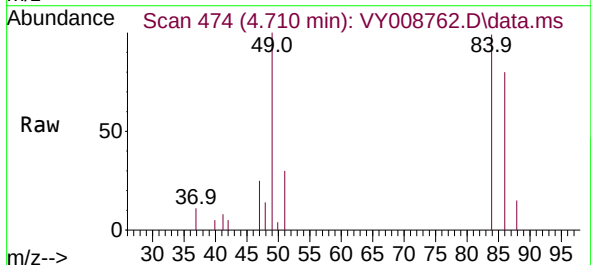
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

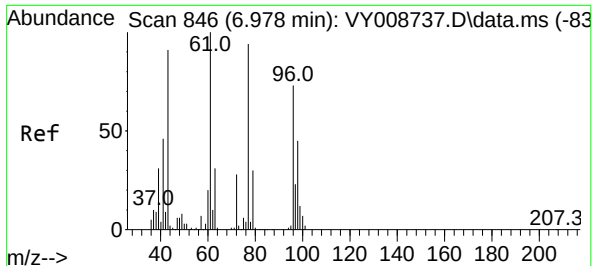
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion: 84 Resp: 5455
Ion Ratio Lower Upper
84 100
49 101.3 88.6 133.0
51 30.0 27.4 41.0
86 80.8 50.2 75.2#

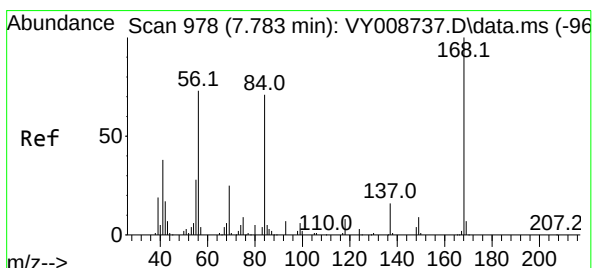
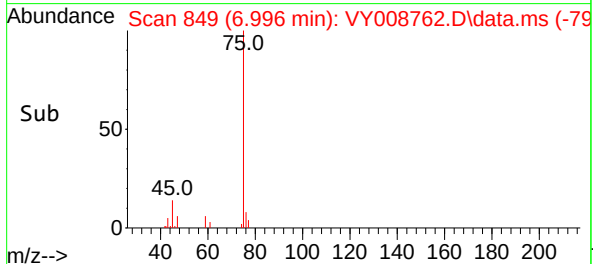
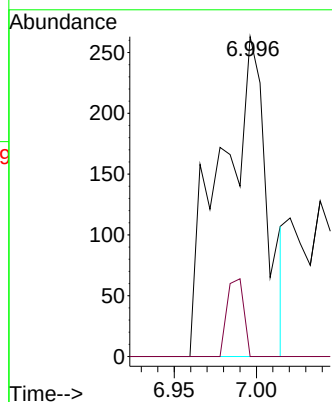
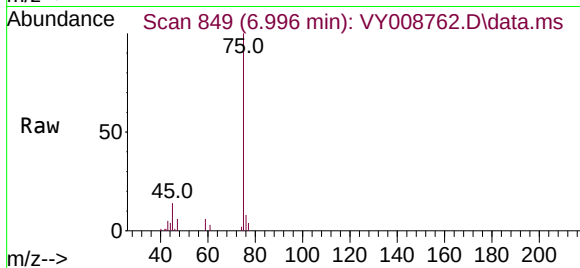




#25
2-Butanone
Concen: 2.127 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

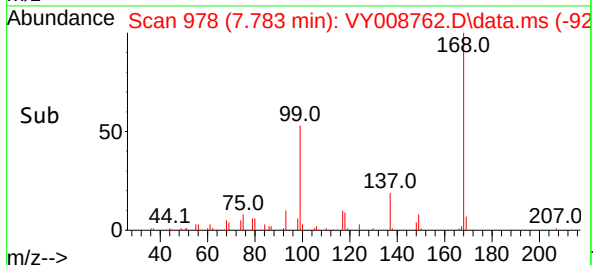
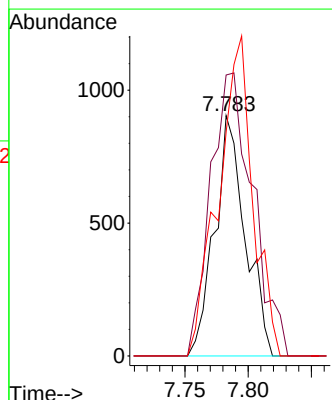
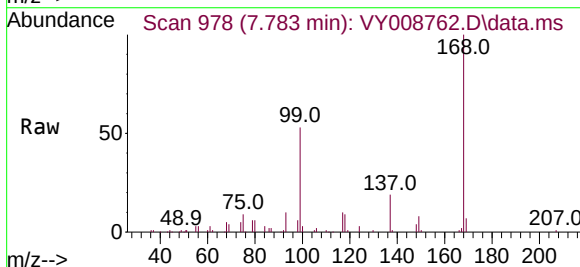
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

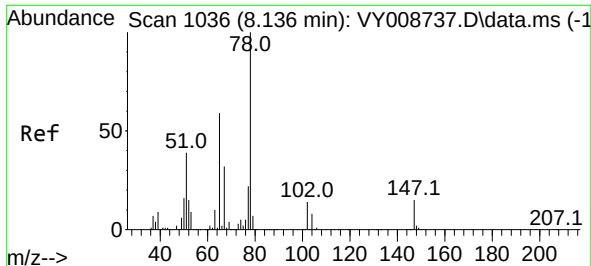
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion: 56 Resp: 1526
Ion Ratio Lower Upper
56 100
69 116.9 27.4 41.0#
84 93.1 77.5 116.3

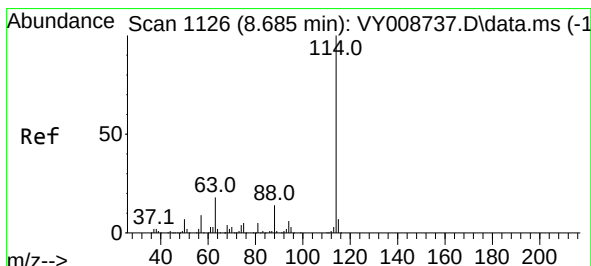
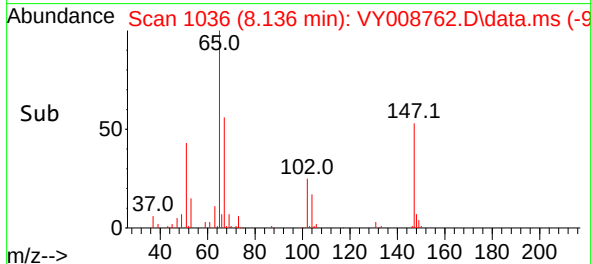
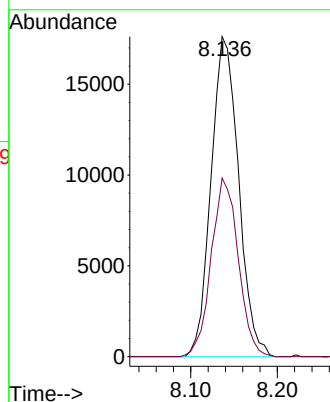
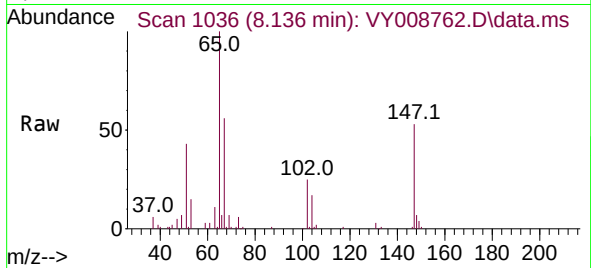




#33
 1,2-Dichloroethane-d4
 Concen: 56.640 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY008762.D
 Acq: 13 May 2022 20:19

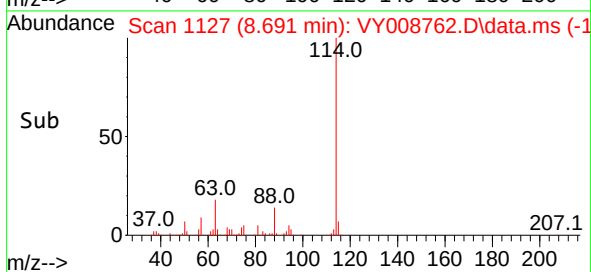
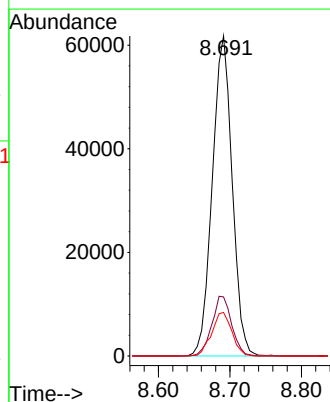
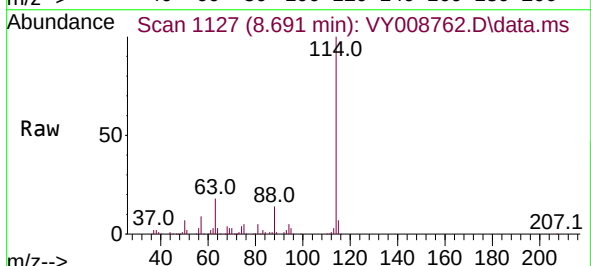
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35D

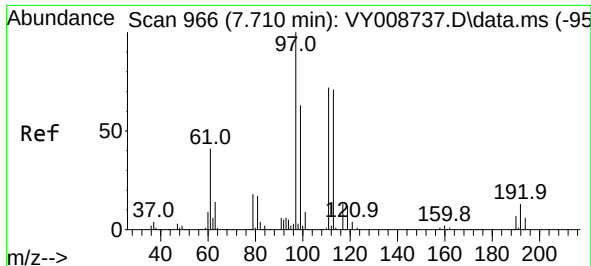
Tgt Ion: 65 Resp: 38895
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY008762.D
 Acq: 13 May 2022 20:19

Tgt Ion: 114 Resp: 119107
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 13.6 0.0 27.4

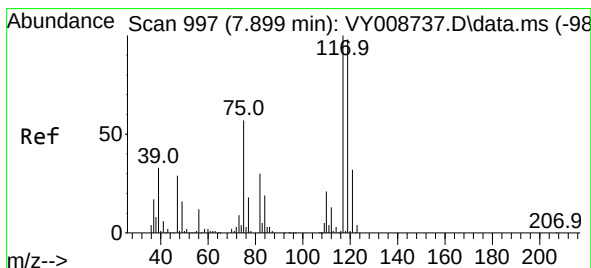
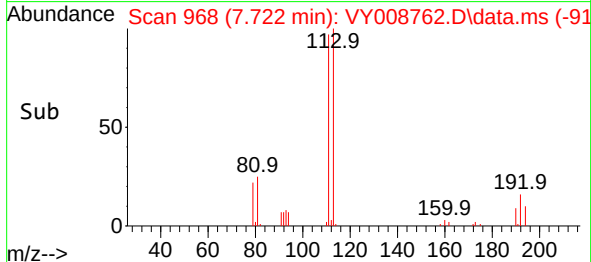
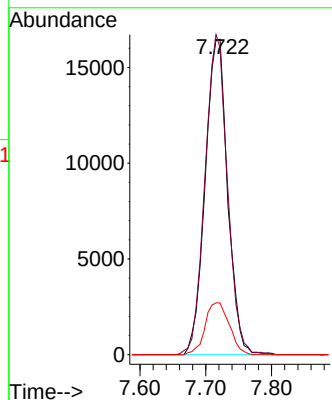
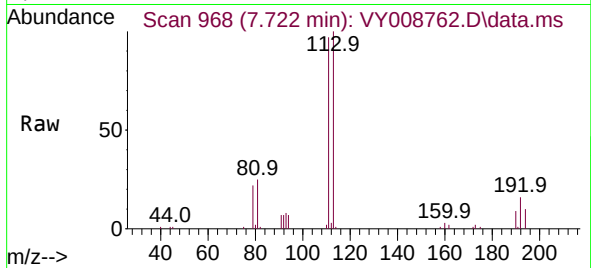




#35
Dibromofluoromethane
Concen: 54.835 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

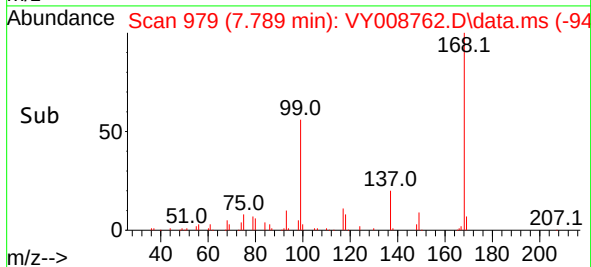
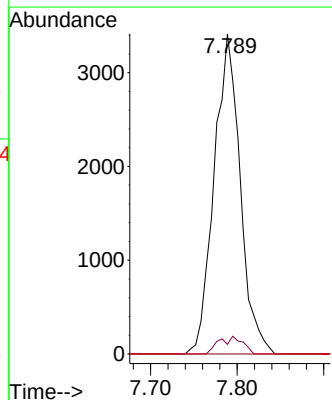
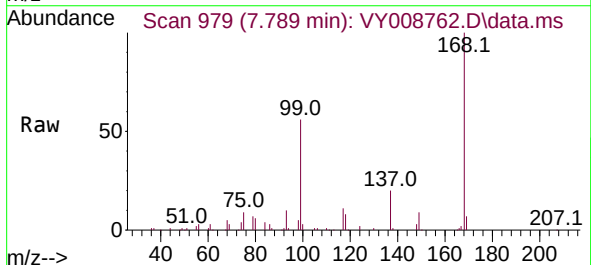
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

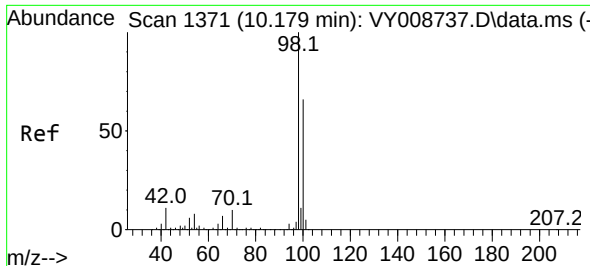
Tgt Ion:113 Resp: 39200
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 17.7 14.5 21.7



#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion:117 Resp: 7123
Ion Ratio Lower Upper
117 100
119 3.0 78.5 117.7#
121 0.0 25.8 38.8#

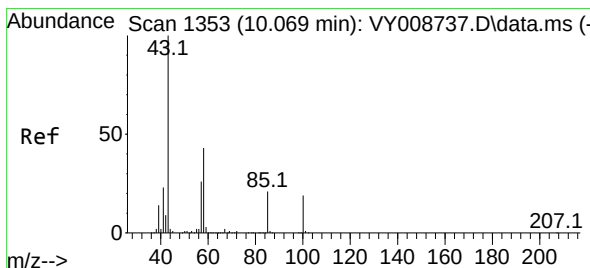
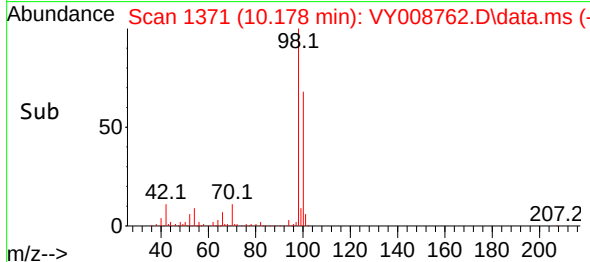
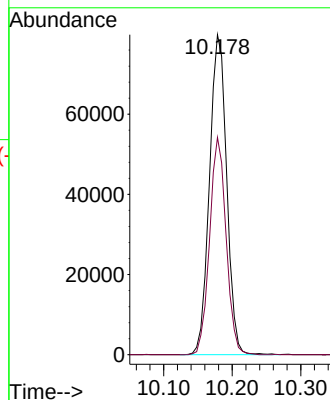
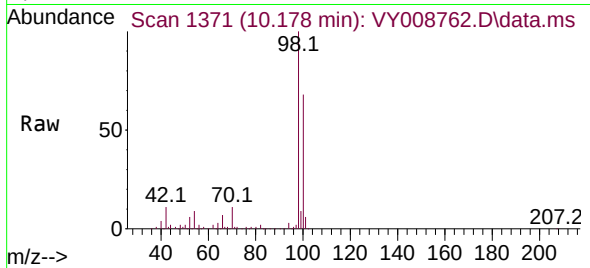




#50
Toluene-d8
Concen: 51.704 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

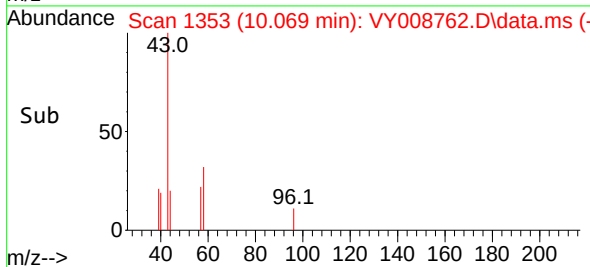
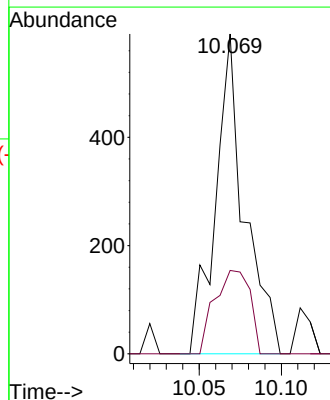
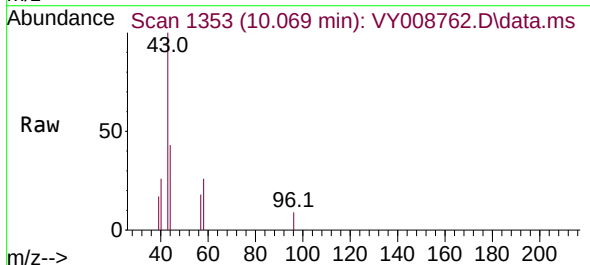
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

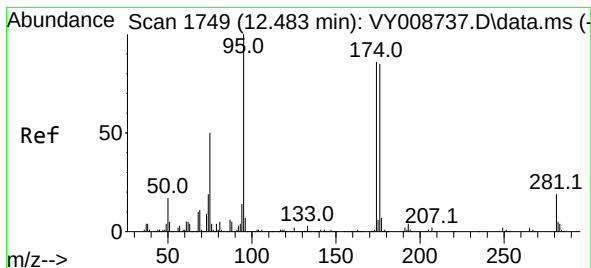
Tgt Ion: 98 Resp: 139390
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.242 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 31.5 33.6 50.4#

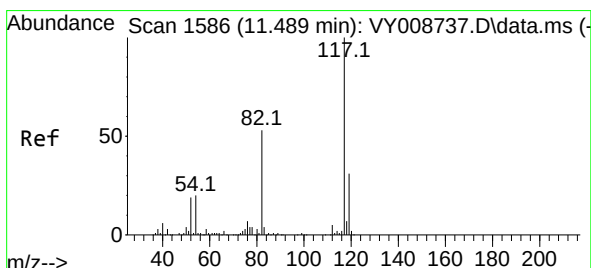
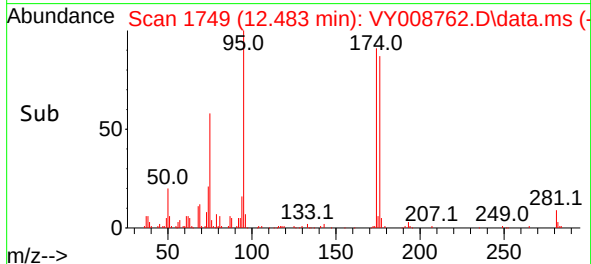
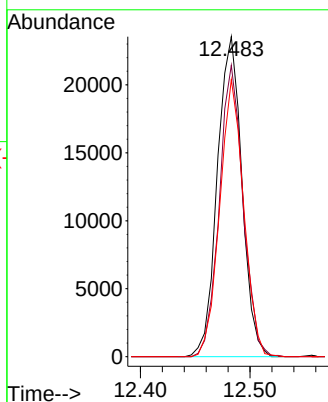
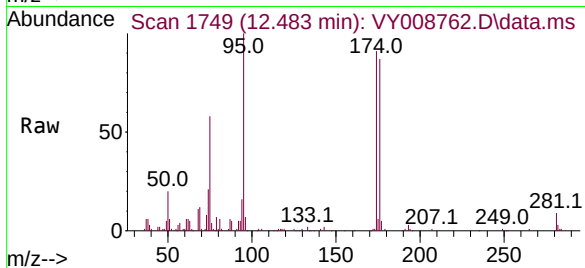




#62
4-Bromofluorobenzene
Concen: 39.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

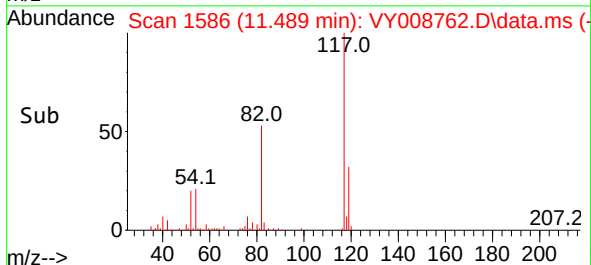
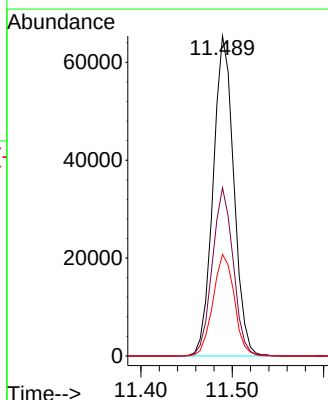
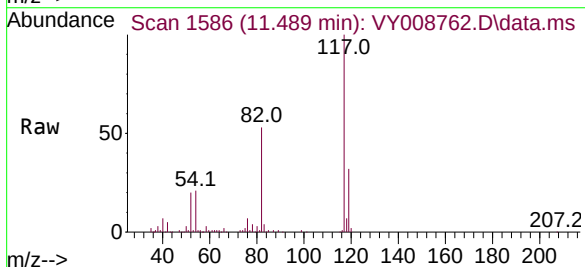
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

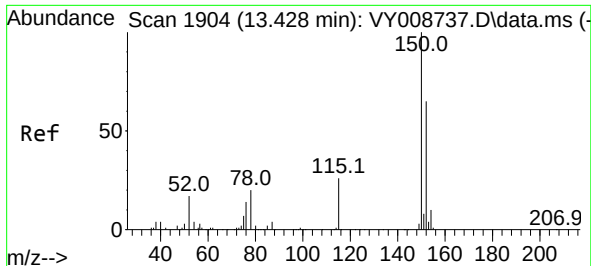
Tgt Ion: 95 Resp: 36587
Ion Ratio Lower Upper
95 100
174 88.2 0.0 171.2
176 84.3 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion: 117 Resp: 102807
Ion Ratio Lower Upper
117 100
82 52.6 42.3 63.5
119 31.8 24.6 37.0

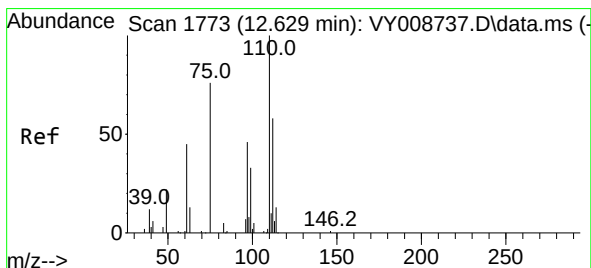
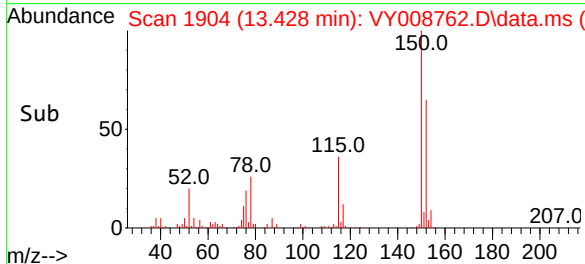
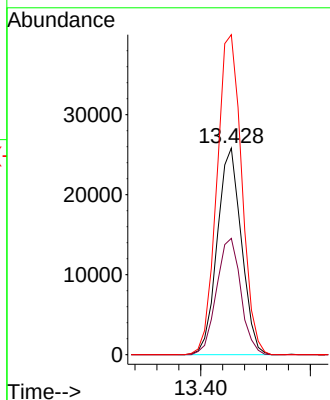
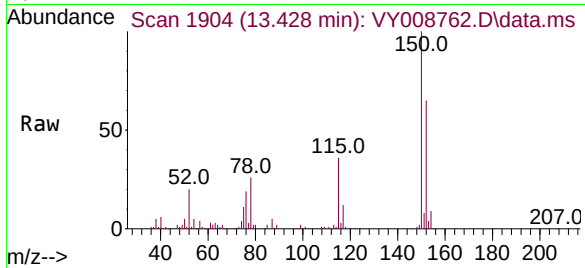




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY008762.D
 Acq: 13 May 2022 20:19

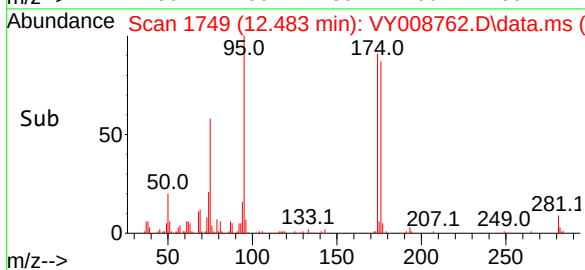
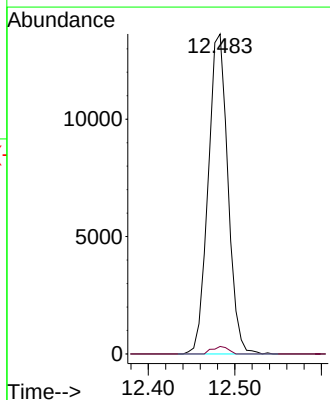
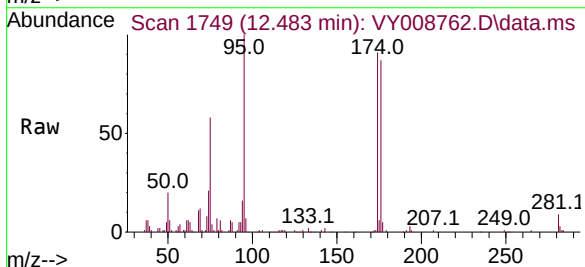
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35D

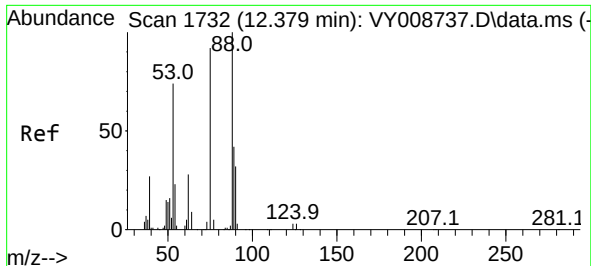
Tgt Ion:152 Resp: 39474
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.2 84.7
 150 159.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.283 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008762.D
 Acq: 13 May 2022 20:19

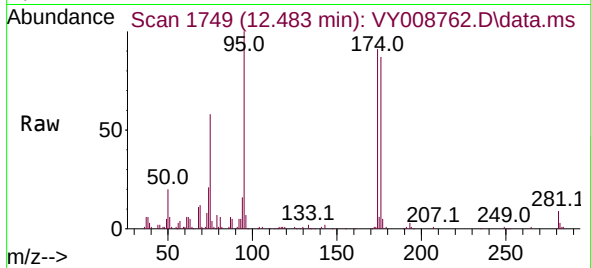
Tgt Ion: 75 Resp: 21562
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.868 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008762.D
 Acq: 13 May 2022 20:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35D



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.3	99.5#
89	0.0	36.8	55.2#

