

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008616.D
 Acq On : 04 May 2022 16:47
 Operator : KP/MD
 Sample : N2619-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS05-1-2-FT

Quant Time: May 05 04:36:48 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)

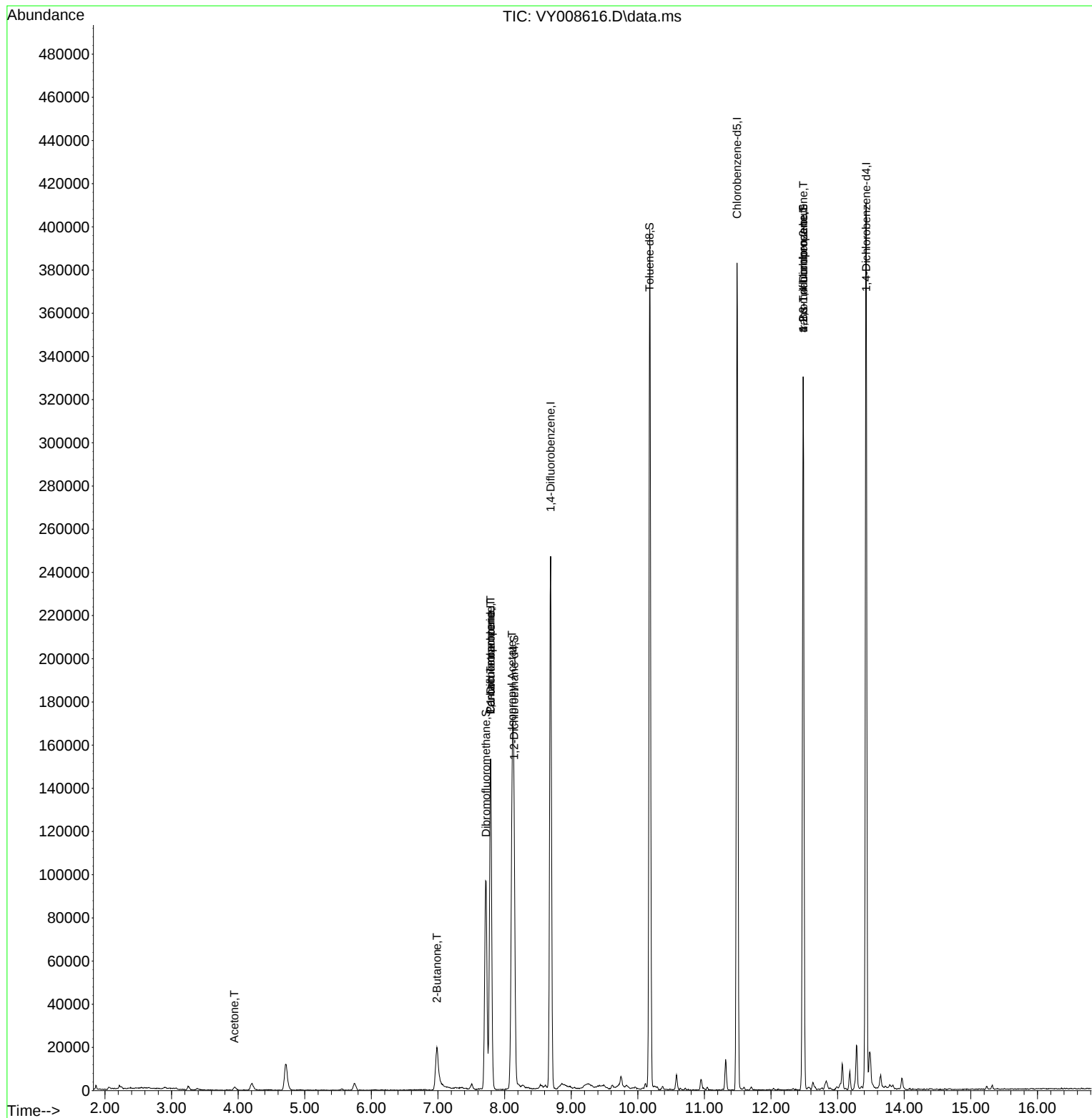
Internal Standards						
1) Pentafluorobenzene	7.789	168	130166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64853	51.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.520%	
35) Dibromofluoromethane	7.722	113	71124	47.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.980%	
50) Toluene-d8	10.179	98	269490	50.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.483	95	96114	49.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	130	Below Cal	#	47
11) Tert butyl alcohol	4.930	59	394	Below Cal	#	77
16) Acetone	3.942	43	2681	9.835	ug/l	97
18) Methyl Acetate	4.466	43	446	Below Cal	#	56
25) 2-Butanone	6.984	43	1246	2.848	ug/l	97
36) 1,1-Dichloropropene	7.789	75	8588	3.688	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11613	4.371	ug/l #	16
43) Isopropyl Acetate	8.112	43	2564	1.180	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47092	38.736	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47092	78.534	ug/l #	7

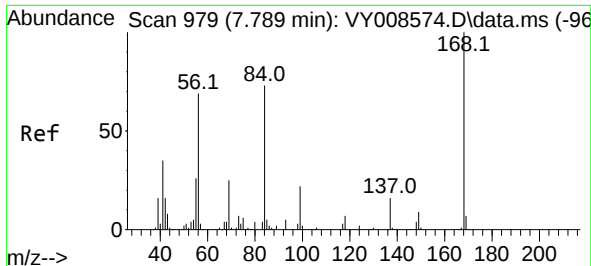
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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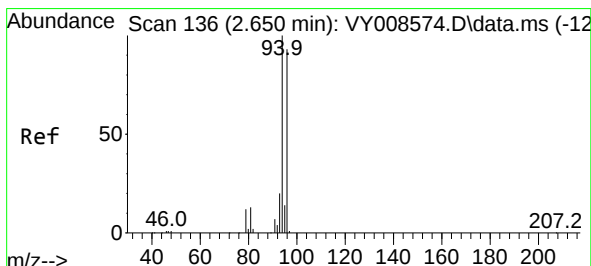
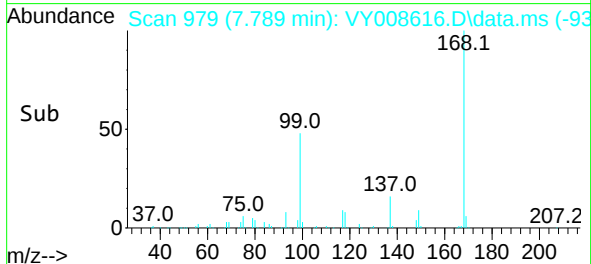
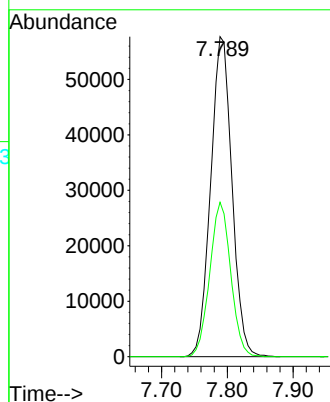
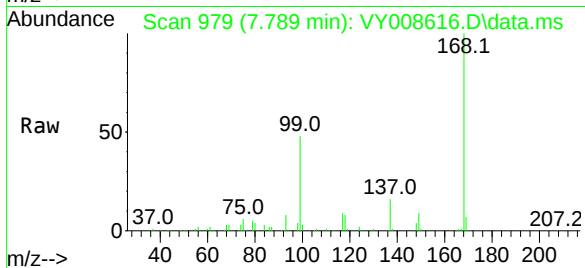




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

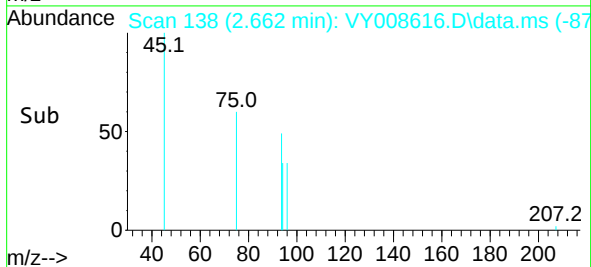
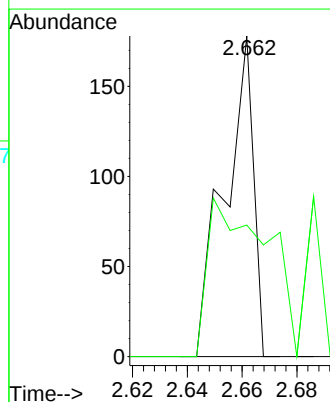
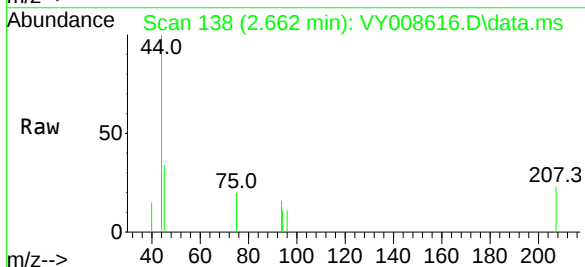
Instrument :
MSVOA_Y
ClientSampleId :
SS05-1-2-FT

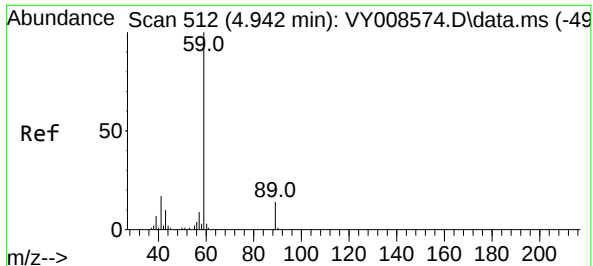
Tgt Ion:168 Resp: 130166
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 41.0 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: VY008616.D

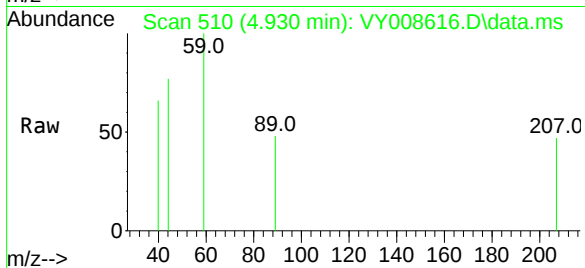
Acq: 04 May 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

SS05-1-2-FT

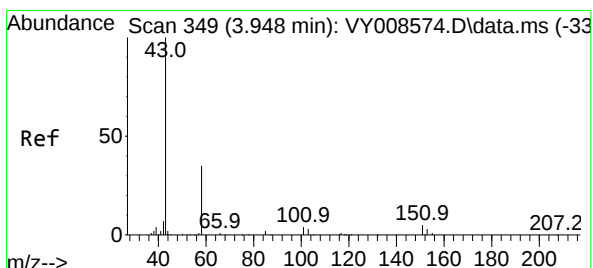
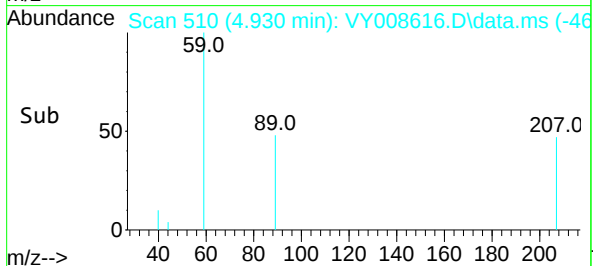
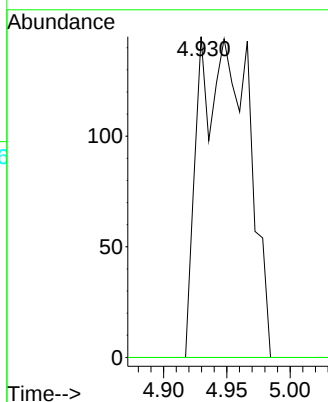


Tgt Ion: 59 Resp: 394

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 9.835 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008616.D

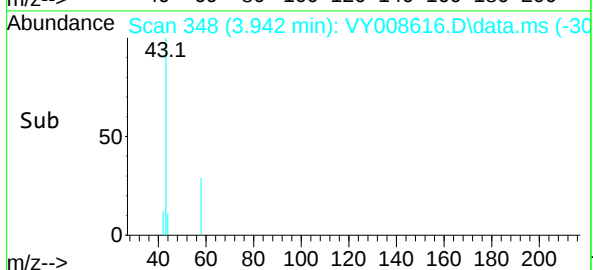
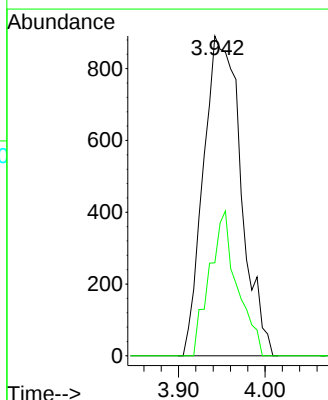
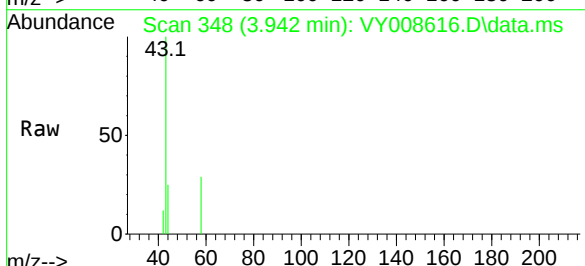
Acq: 04 May 2022 16:47

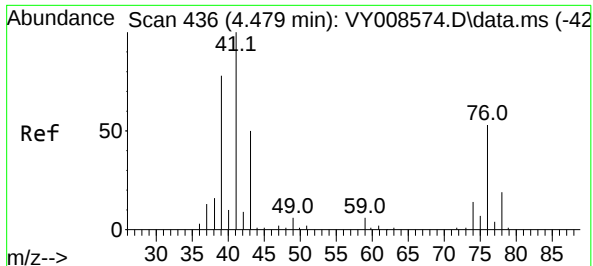
Tgt Ion: 43 Resp: 2681

Ion Ratio Lower Upper

43 100

58 29.1 22.0 33.0

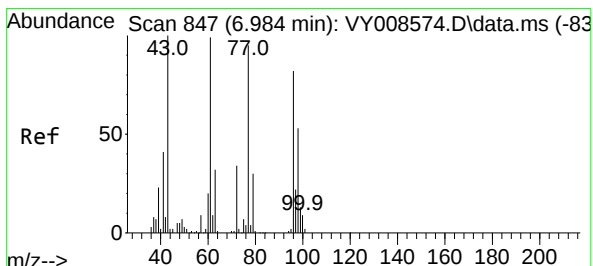
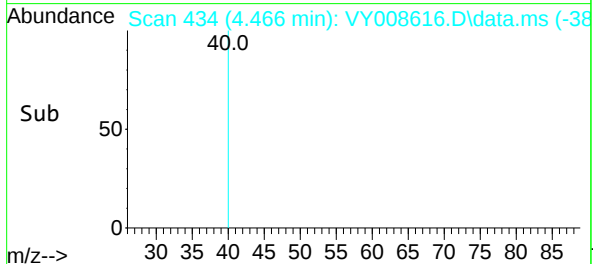
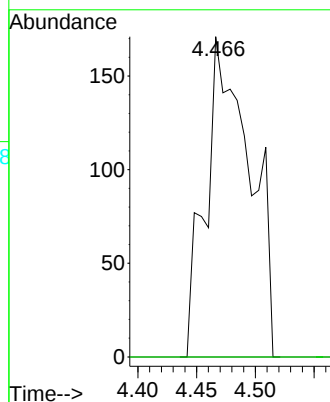
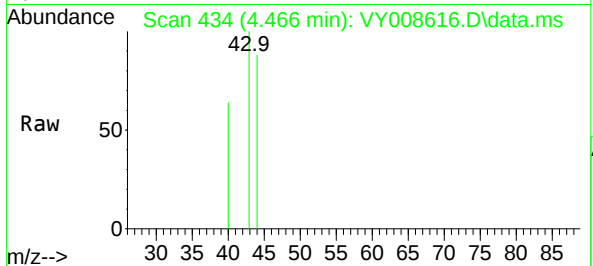




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

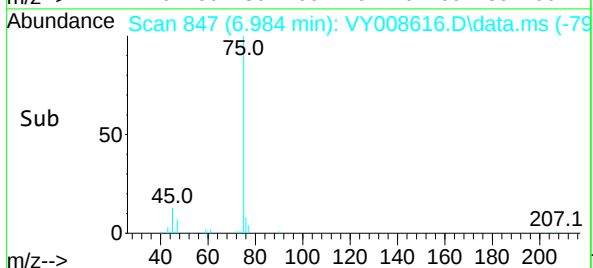
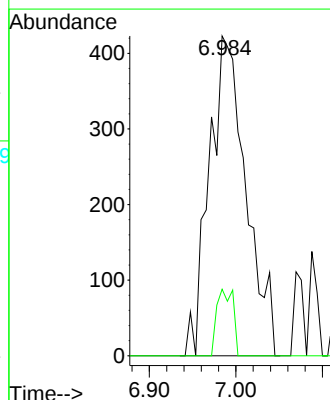
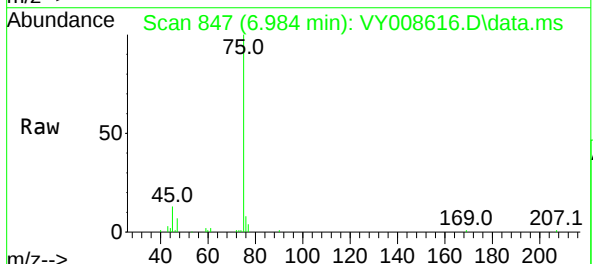
Instrument :
MSVOA_Y
ClientSampleId :
SS05-1-2-FT

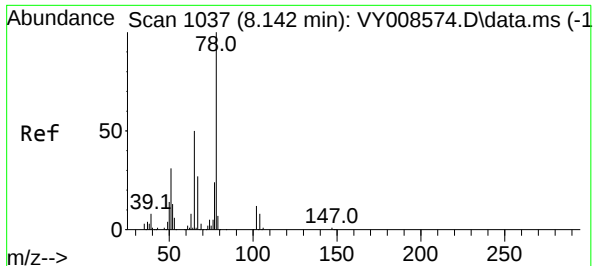
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.848 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
72 20.8 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 51.262 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008616.D

Acq: 04 May 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

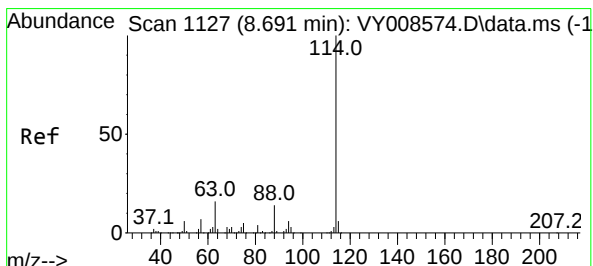
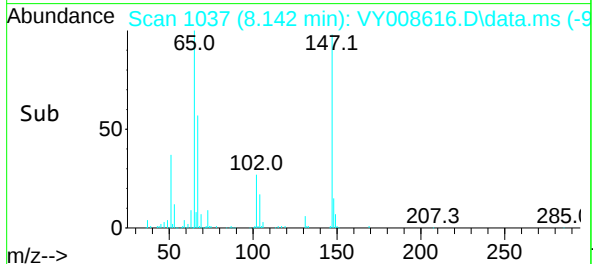
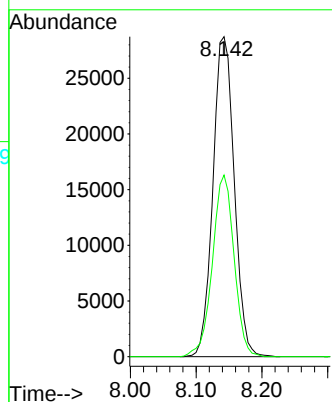
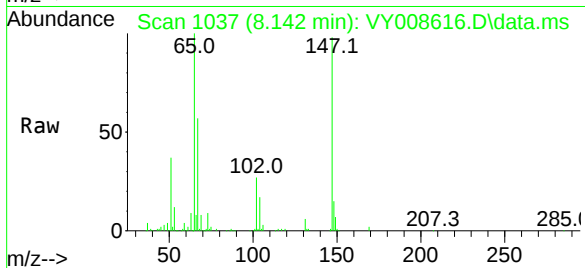
SS05-1-2-FT

Tgt Ion: 65 Resp: 64853

Ion Ratio Lower Upper

65 100

67 57.7 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: VY008616.D

Acq: 04 May 2022 16:47

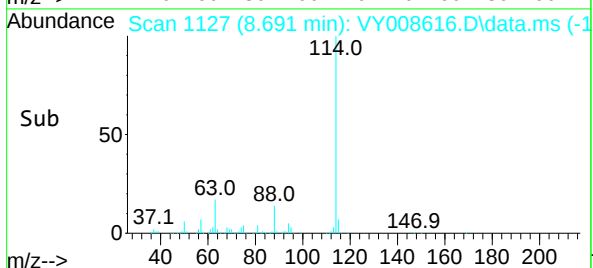
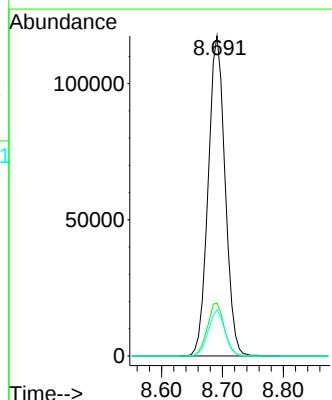
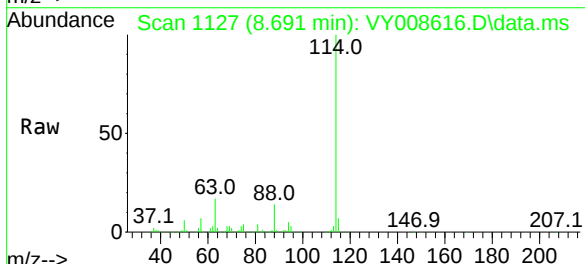
Tgt Ion: 114 Resp: 226337

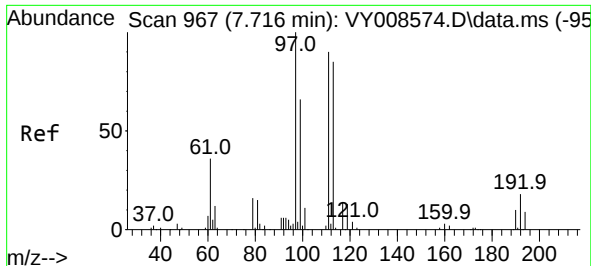
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 14.5 0.0 31.8

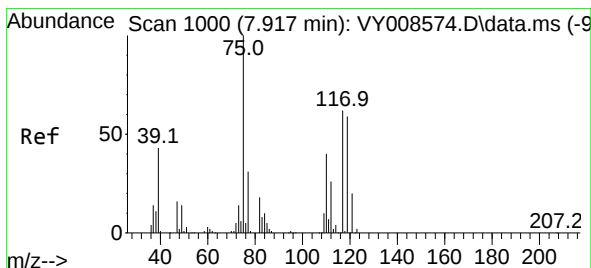
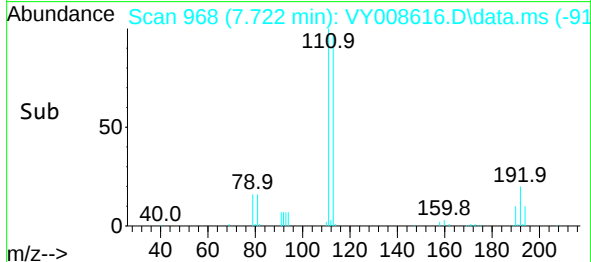
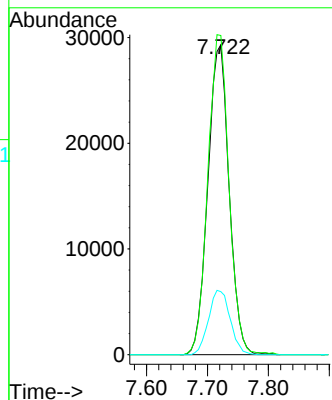
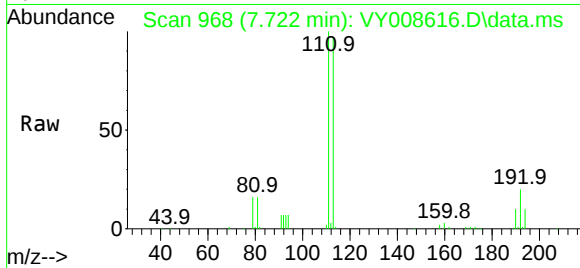




#35
Dibromofluoromethane
Concen: 47.490 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

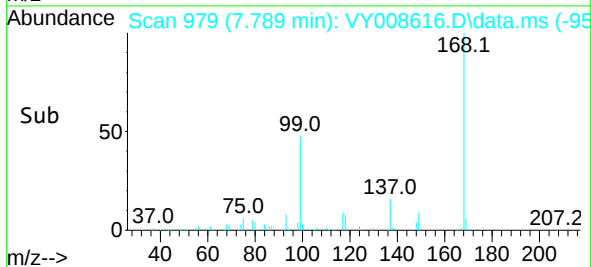
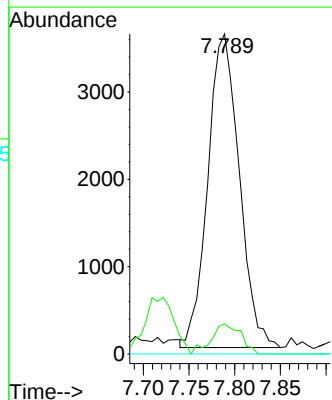
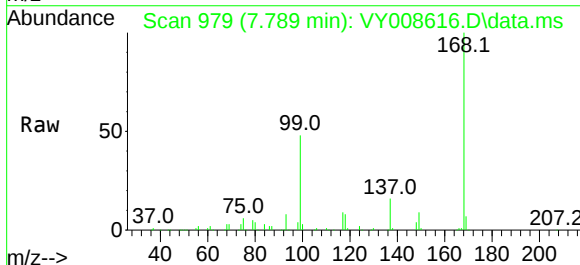
Instrument :
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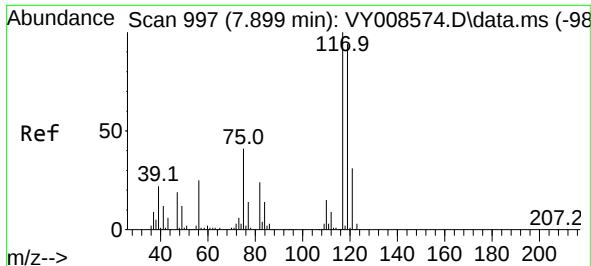
Tgt Ion:113 Resp: 71124
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.688 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Tgt Ion: 75 Resp: 8588
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

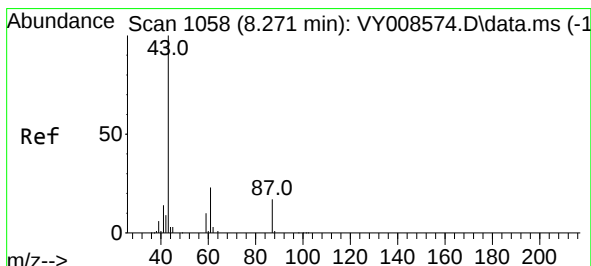
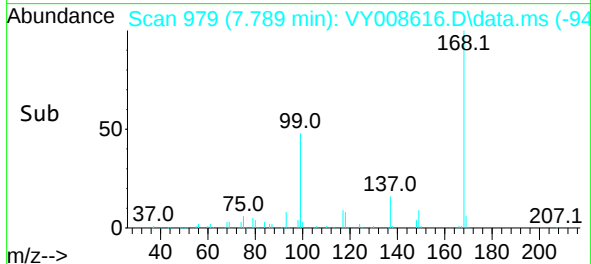
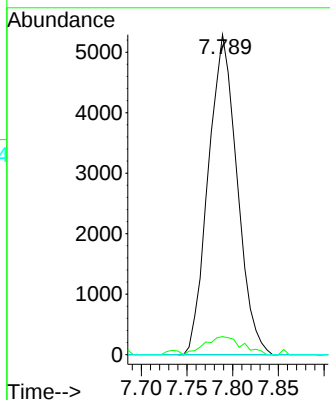
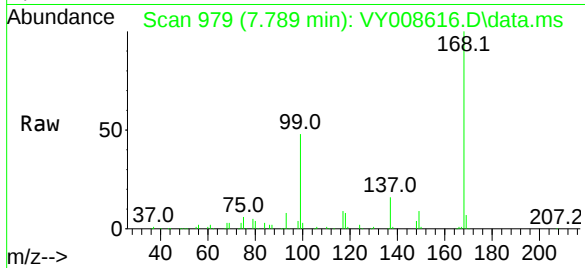




#38
Carbon Tetrachloride
Concen: 4.371 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

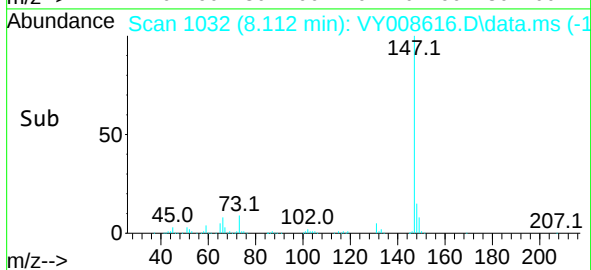
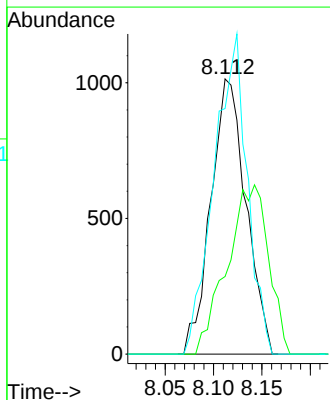
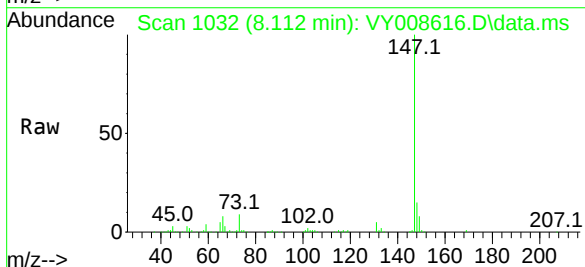
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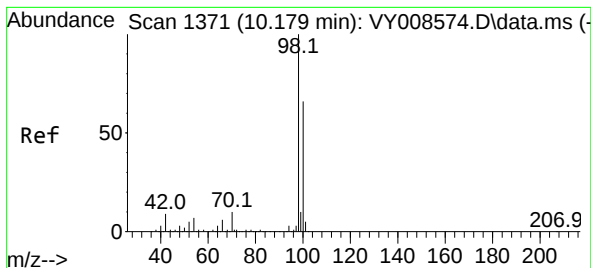
Tgt Ion:117 Resp: 11613
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.180 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.159 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Tgt Ion: 43 Resp: 2564
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 109.7 8.9 13.3#

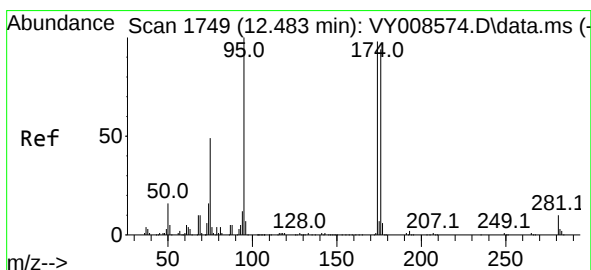
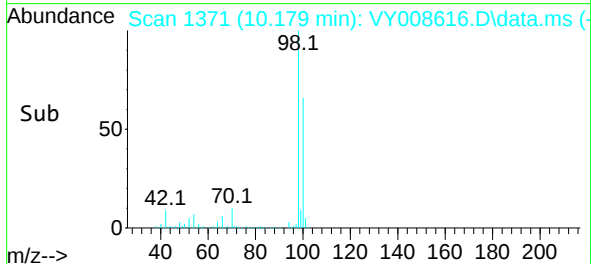
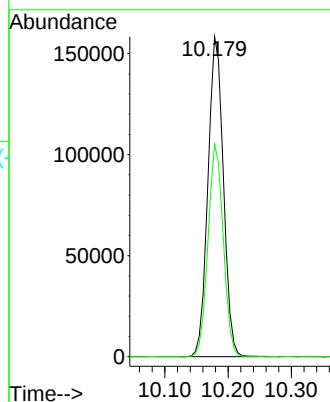
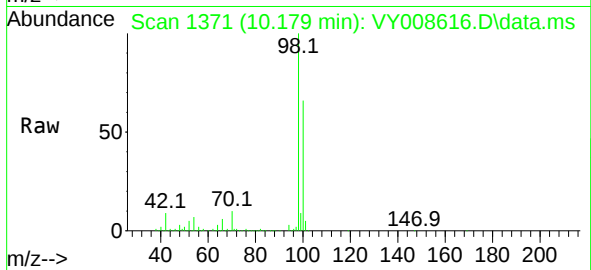




#50
Toluene-d8
Concen: 50.790 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

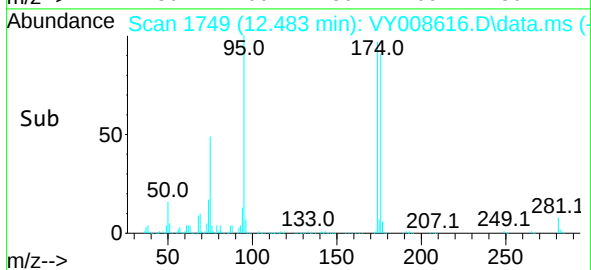
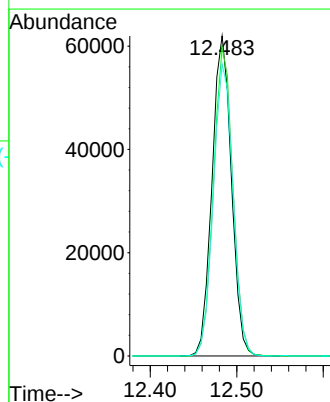
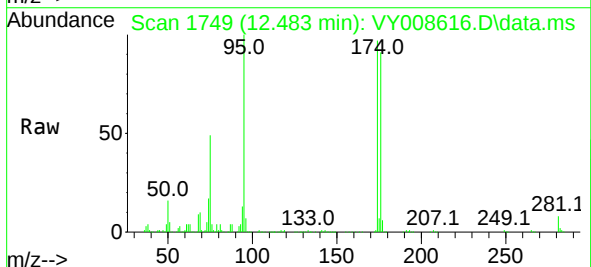
Instrument :
MSVOA_Y
ClientSampleId :
SS05-1-2-FT

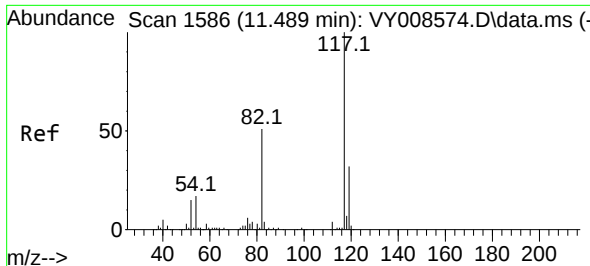
Tgt Ion: 98 Resp: 269490
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.422 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Tgt Ion: 95 Resp: 96114
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.1 0.0 175.8

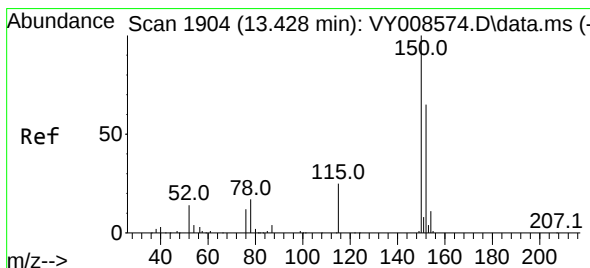
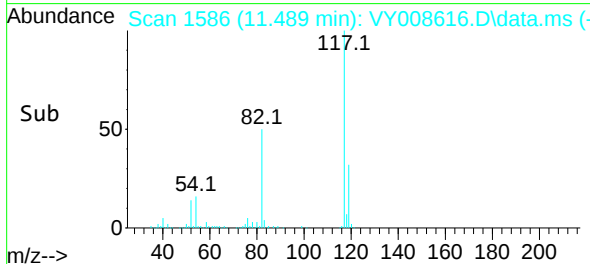
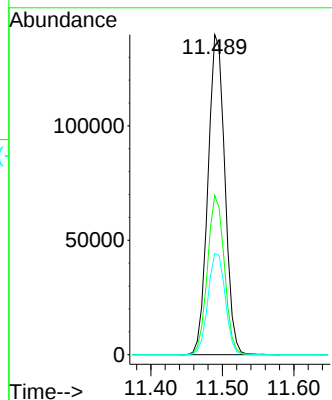
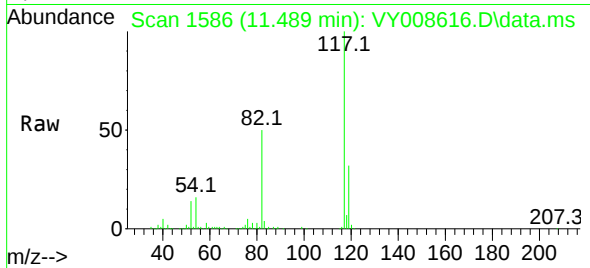




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

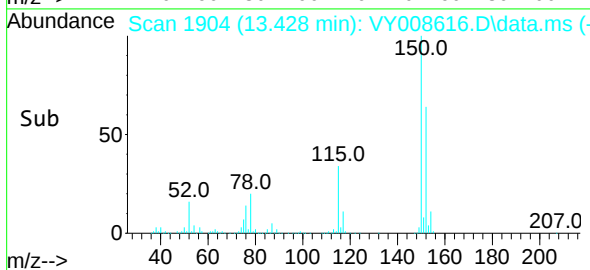
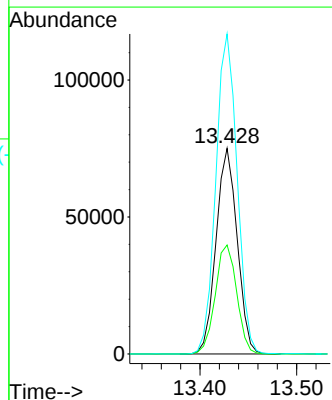
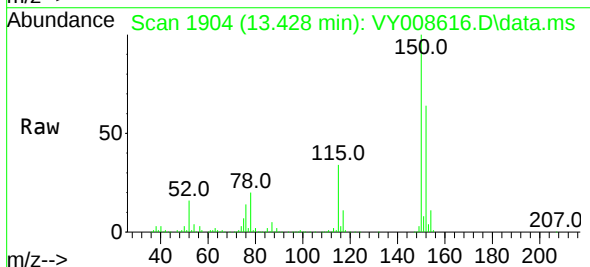
Instrument :
MSVOA_Y
ClientSampleId :
SS05-1-2-FT

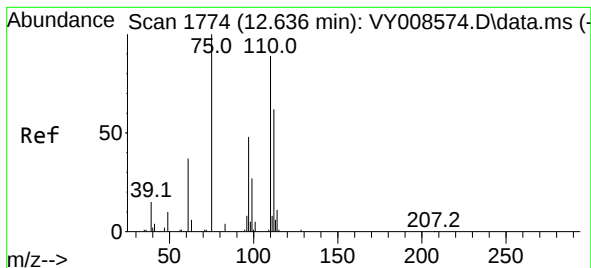
Tgt Ion:117 Resp: 229455
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Tgt Ion:152 Resp: 113887
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 156.6 0.0 347.6

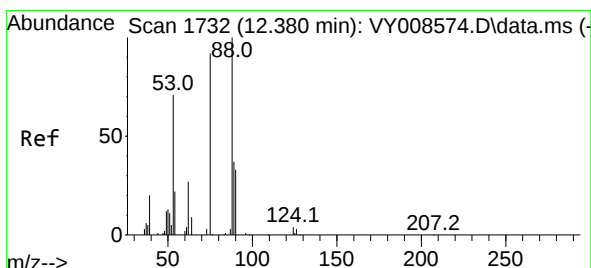
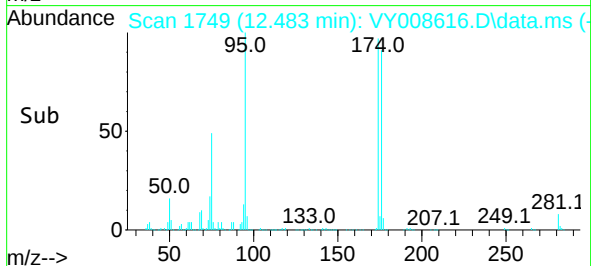
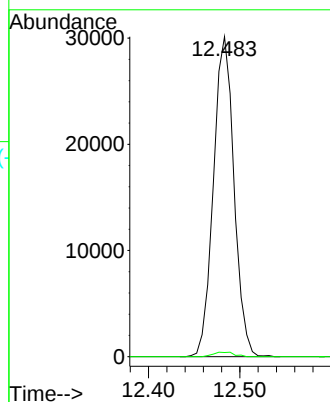
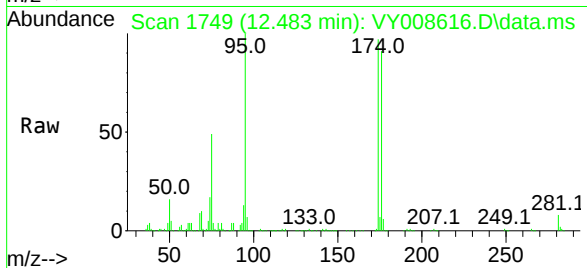




#76
1,2,3-Trichloropropane
Concen: 38.736 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SS05-1-2-FT

Tgt Ion: 75 Resp: 47092
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008616.D
Acq: 04 May 2022 16:47

Tgt Ion: 75 Resp: 47092
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

