

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008716.D
 Acq On : 11 May 2022 18:47
 Operator : KP/MD
 Sample : N2781-06
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS004-0006-01

Quant Time: May 12 06:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

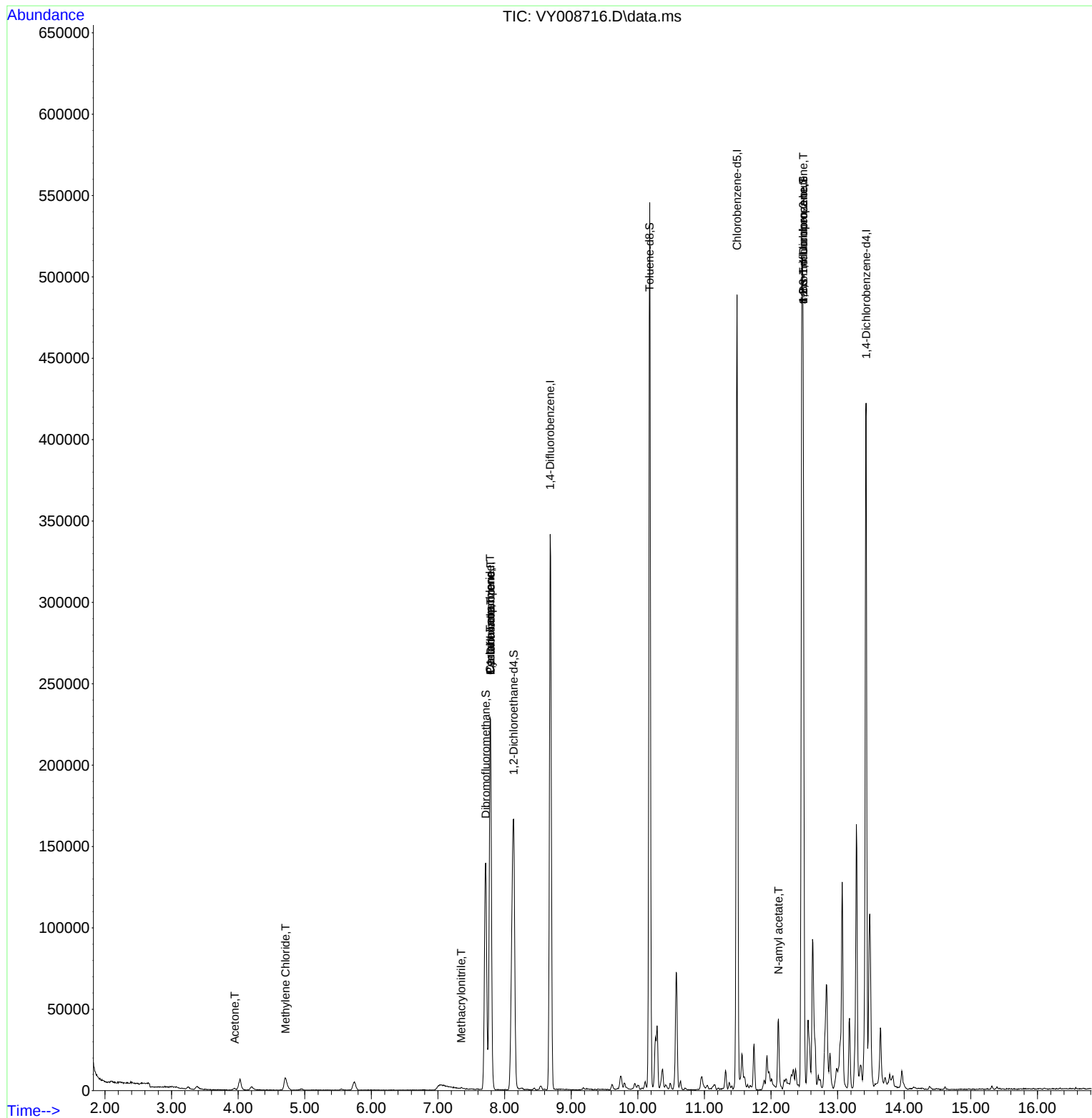
Internal Standards						
1) Pentafluorobenzene	7.789	168	195121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	318208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95136	56.903	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 113.800%		
35) Dibromofluoromethane	7.716	113	101357	51.688	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 103.380%		
50) Toluene-d8	10.179	98	364769	52.787	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 105.580%		
62) 4-Bromofluorobenzene	12.483	95	113231	45.546	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 91.100%		
Target Compounds						
11) Tert butyl alcohol	4.942	59	1015	Below Cal	#	77
16) Acetone	3.948	43	1853	4.698	ug/l	97
18) Methyl Acetate	4.472	43	67	Below Cal	#	56
20) Methylene Chloride	4.710	84	6456	2.695	ug/l	# 71
31) Cyclohexane	7.789	56	3347	1.012	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	13475	4.277	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	17781	5.580	ug/l	# 16
41) Methacrylonitrile	7.350	41	243	1.044	ug/l	# 1
74) N-amyl acetate	12.111	43	6374	3.180	ug/l	# 64
76) 1,2,3-Trichloropropane	12.483	75	55705	42.297	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	55705	84.152	ug/l	# 7

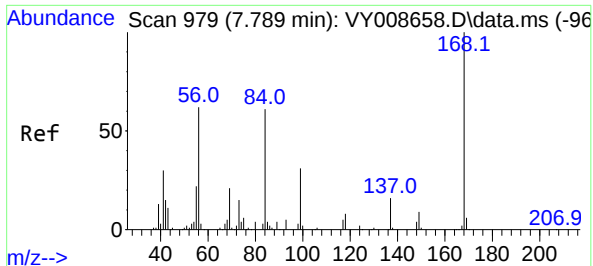
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
Data File : VY008716.D
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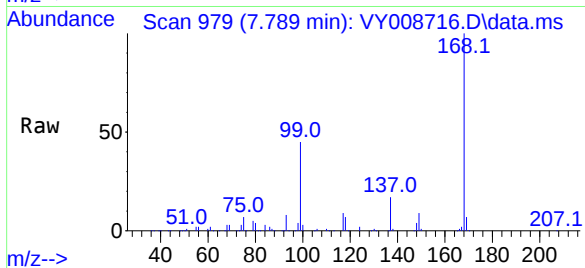
Quant Time: May 12 06:31:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration



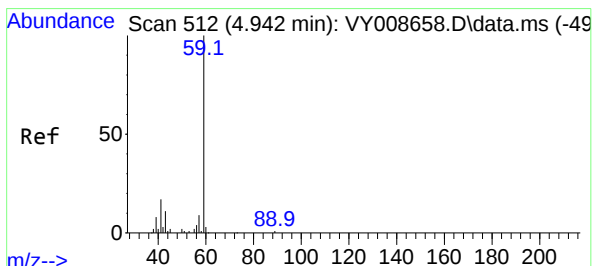
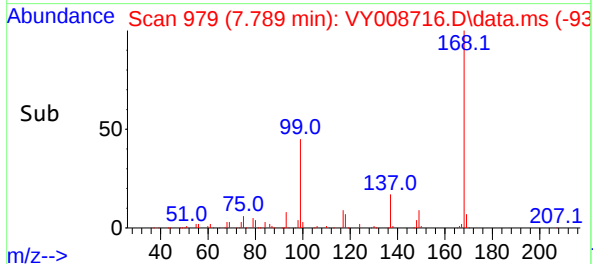
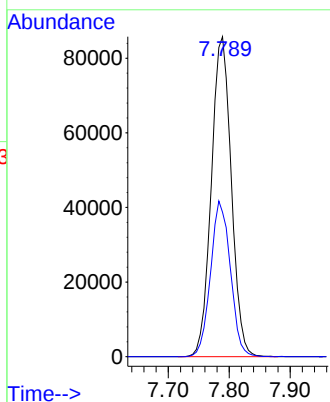


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS004-0006-01

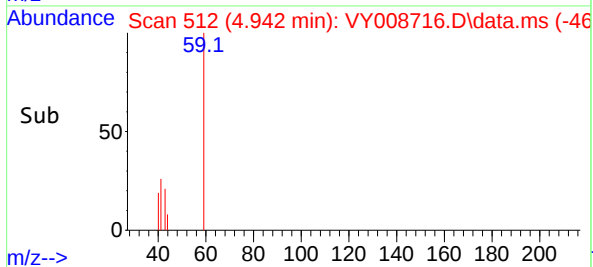
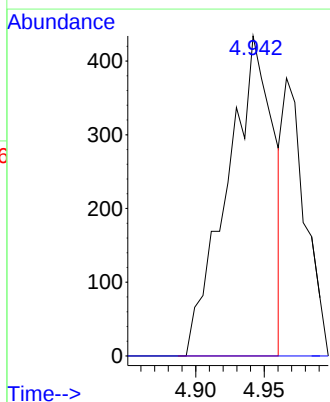
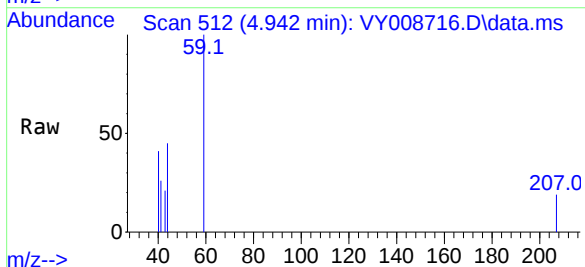


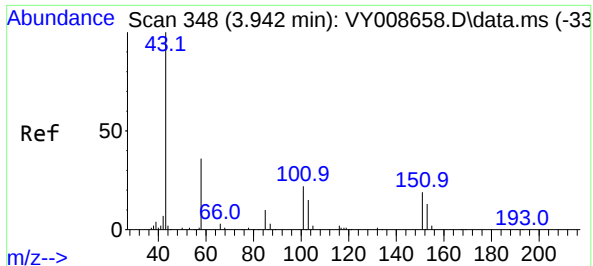
Tgt Ion:168 Resp: 195121
Ion Ratio Lower Upper
168 100
99 45.2 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Tgt Ion: 59 Resp: 1015
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

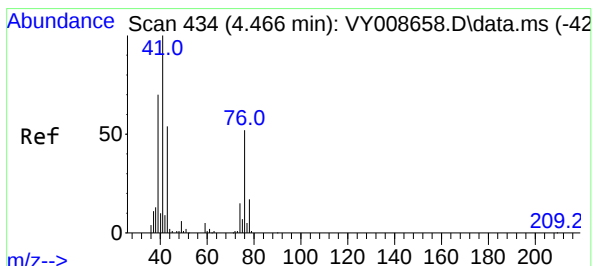
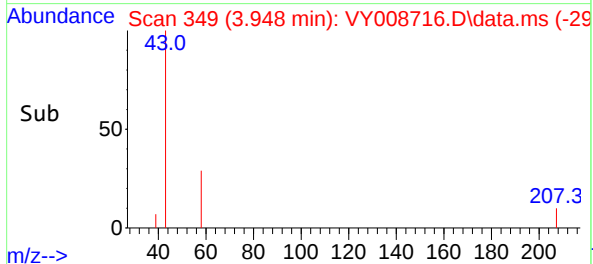
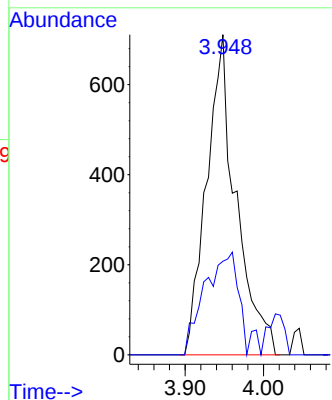
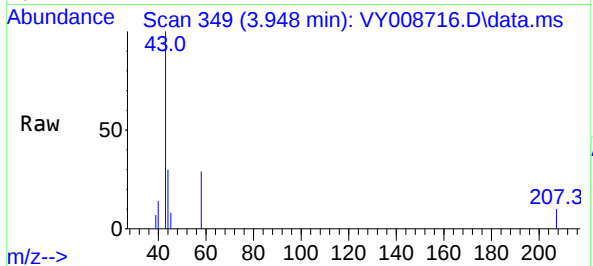




#16
Acetone
Concen: 4.698 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

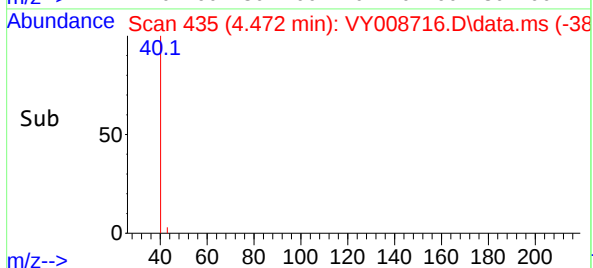
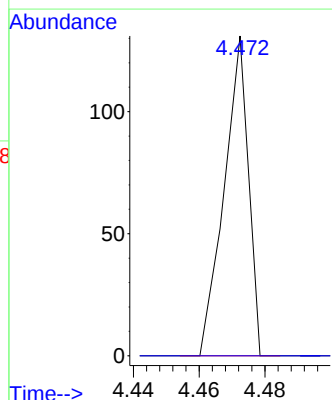
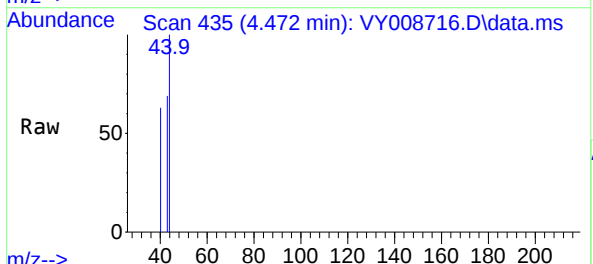
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS004-0006-01

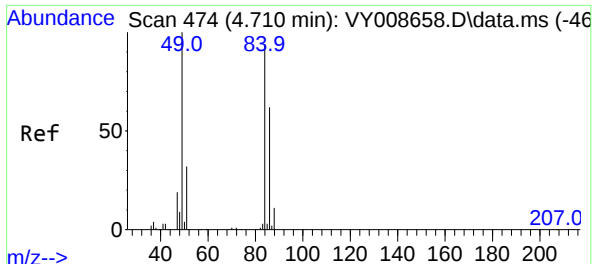
Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



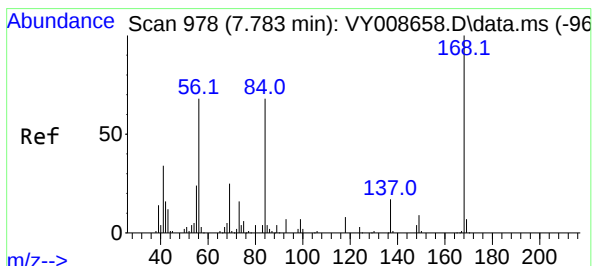
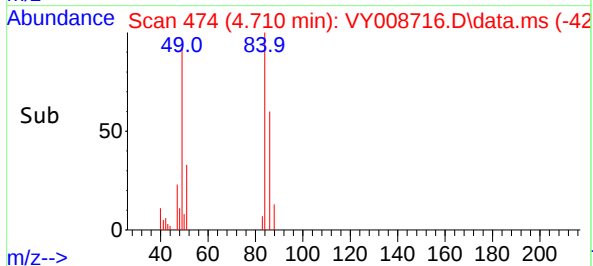
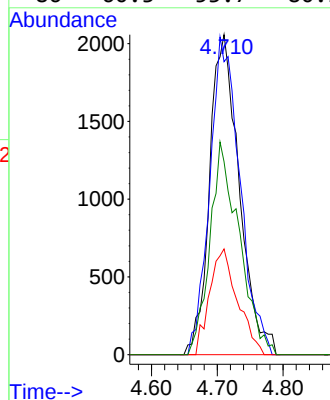
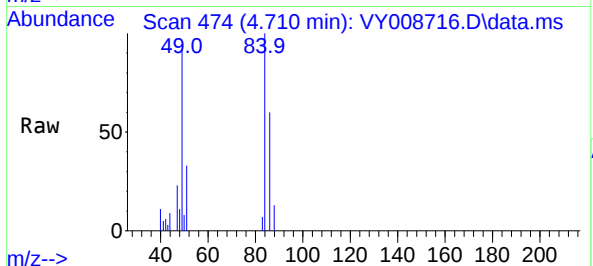


#20
Methylene Chloride
Concen: 2.695 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS004-0006-01

Tgt Ion: 84 Resp: 6456

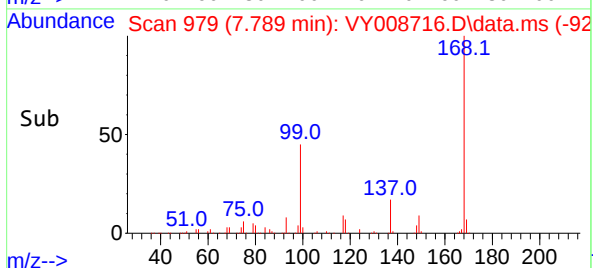
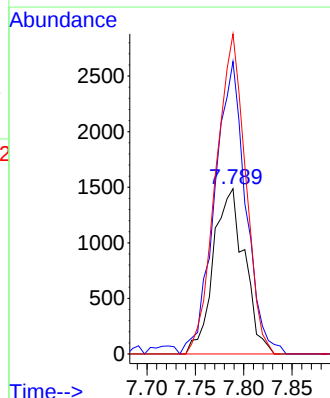
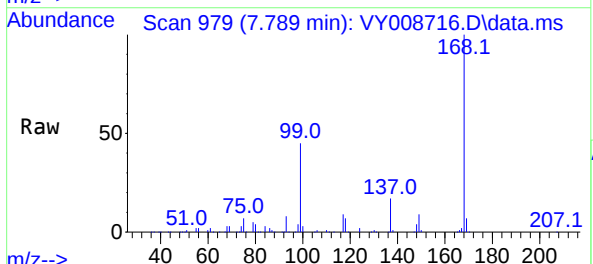
Ion	Ratio	Lower	Upper
84	100		
49	91.5	114.4	171.6#
51	33.0	35.3	52.9#
86	60.3	53.7	80.5

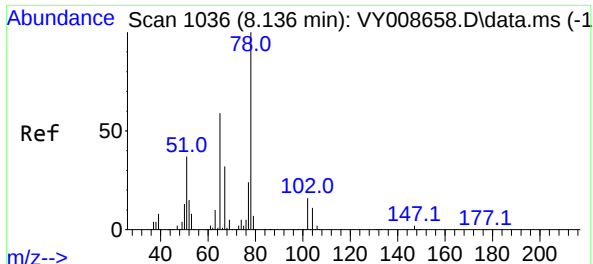


#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Tgt Ion: 56 Resp: 3347

Ion	Ratio	Lower	Upper
56	100		
69	177.0	26.7	40.1#
84	193.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.903 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY008716.D

Acq: 11 May 2022 18:47

Instrument :

MSVOA_Y

ClientSampleId :

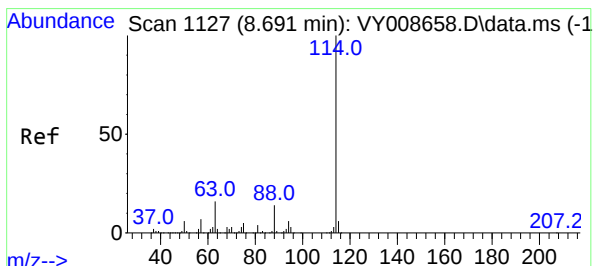
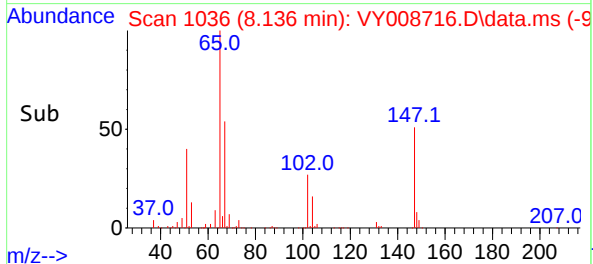
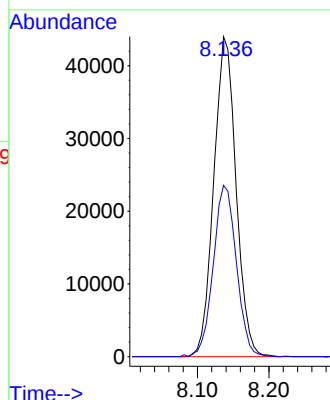
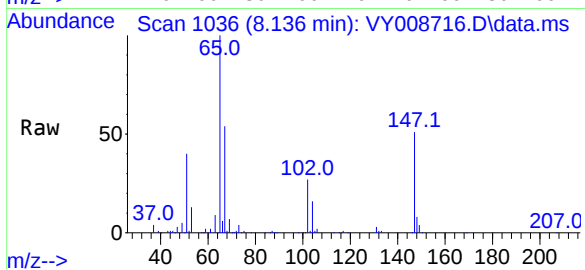
P003-SS004-0006-01

Tgt Ion: 65 Resp: 95136

Ion Ratio Lower Upper

65 100

67 55.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008716.D

Acq: 11 May 2022 18:47

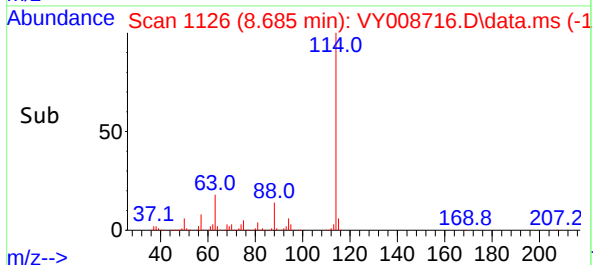
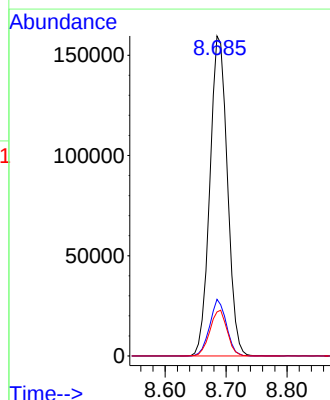
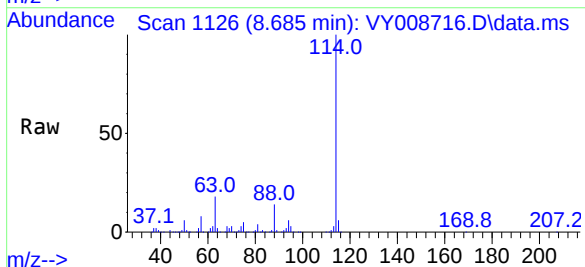
Tgt Ion: 114 Resp: 318208

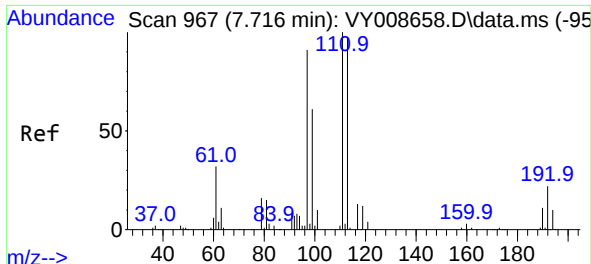
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.8 0.0 31.8

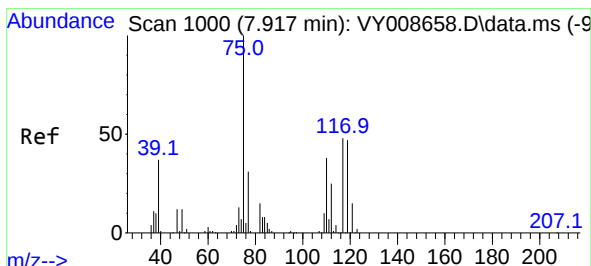
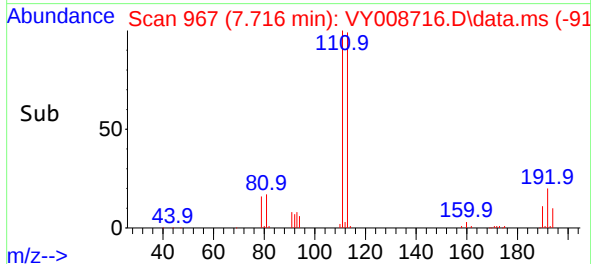
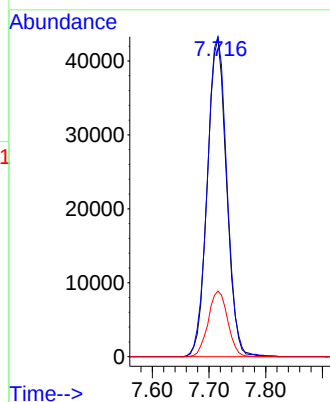
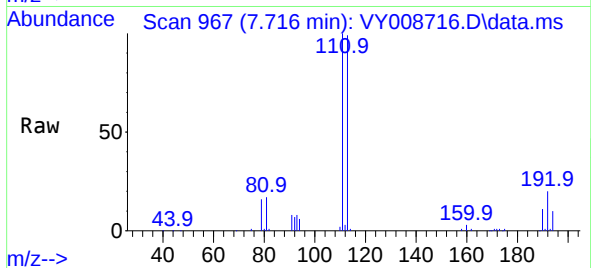




#35
Dibromofluoromethane
Concen: 51.688 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

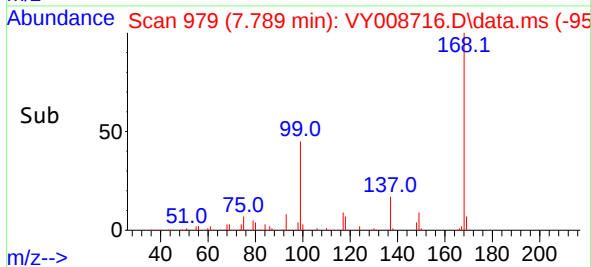
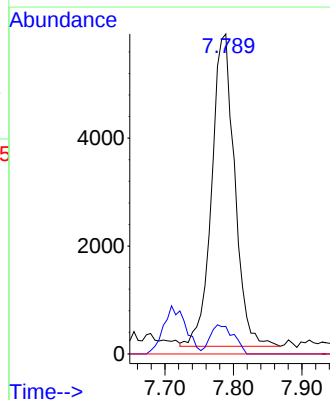
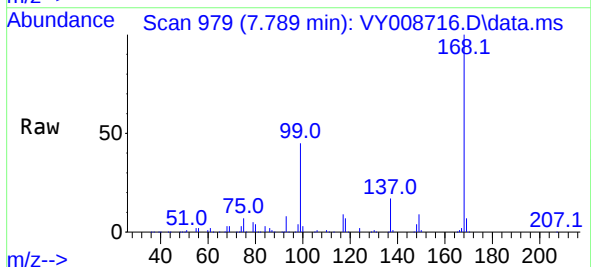
Instrument :
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ClientSampleId :
P003-SS004-0006-01

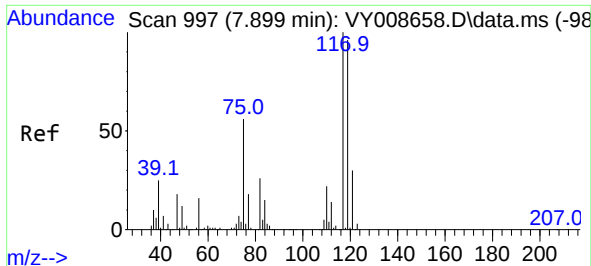
Tgt Ion:113 Resp: 101357
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.277 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Tgt Ion: 75 Resp: 13475
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

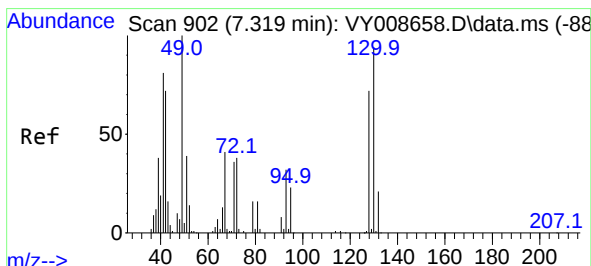
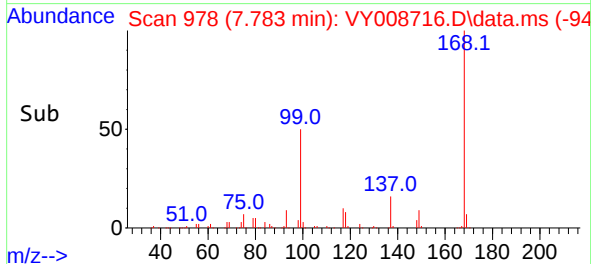
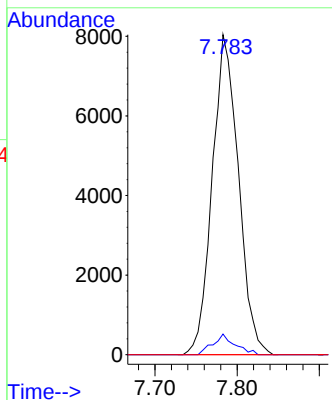
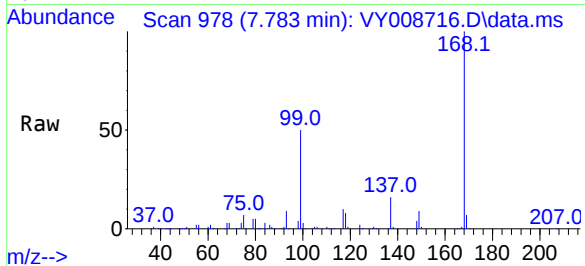




#38
Carbon Tetrachloride
Concen: 5.580 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

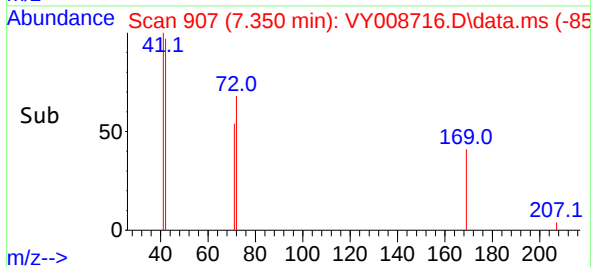
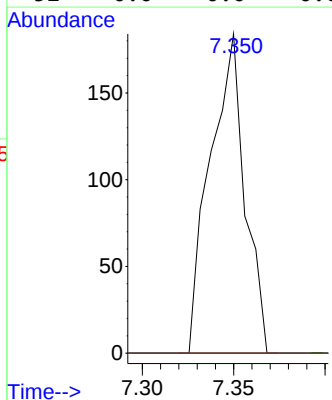
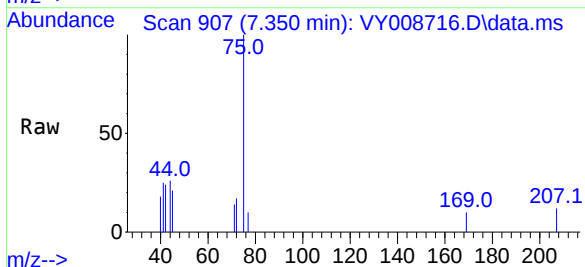
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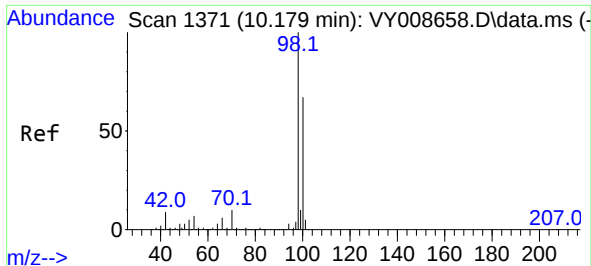
Tgt Ion: 117 Resp: 17781
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.044 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Tgt Ion: 41 Resp: 243
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

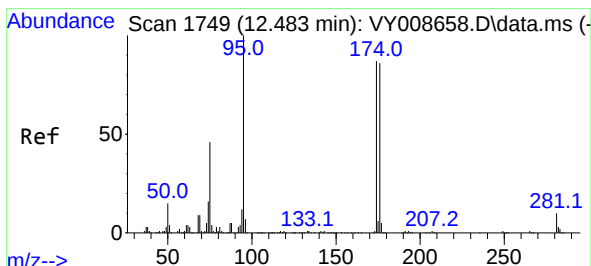
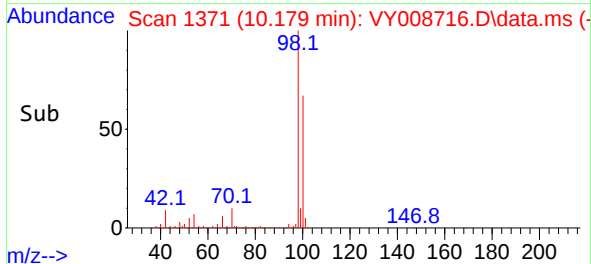
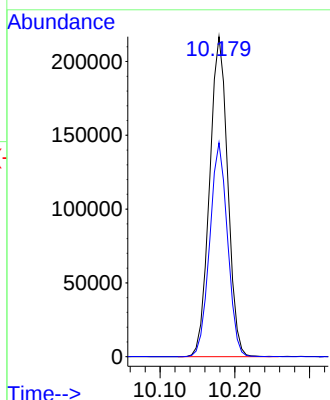
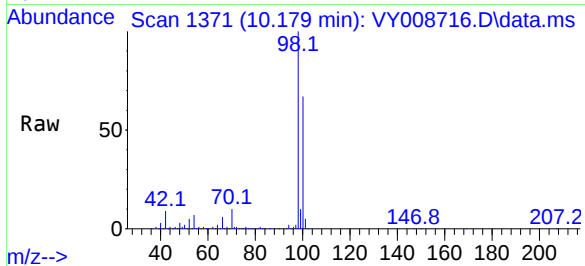




#50
Toluene-d8
Concen: 52.787 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

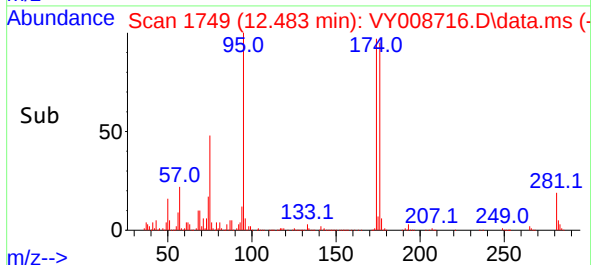
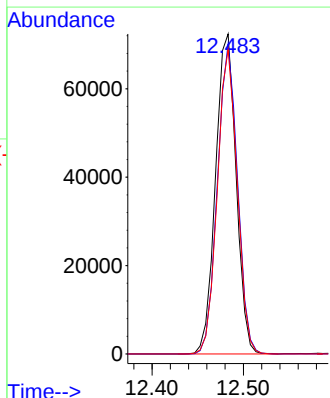
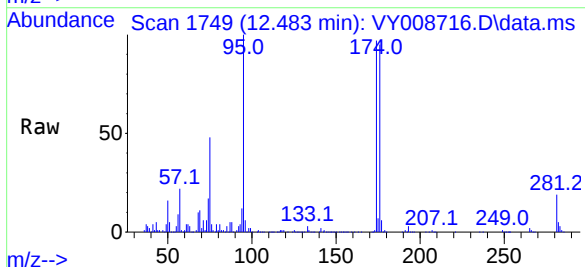
Instrument :
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P003-SS004-0006-01

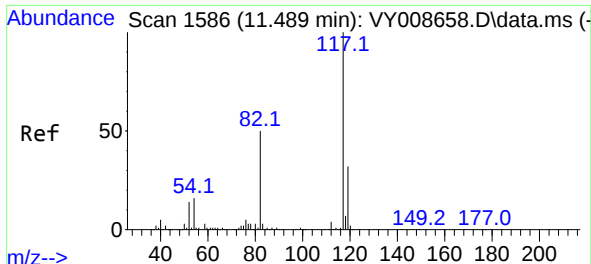
Tgt Ion: 98 Resp: 364769
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Tgt Ion: 95 Resp: 113231
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 92.0 0.0 175.8

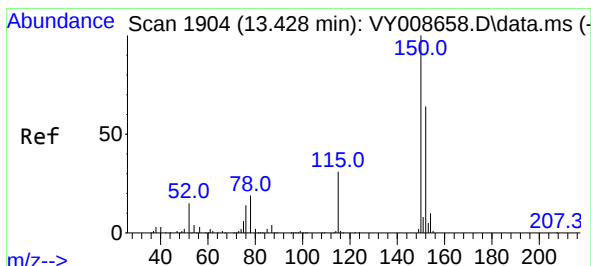
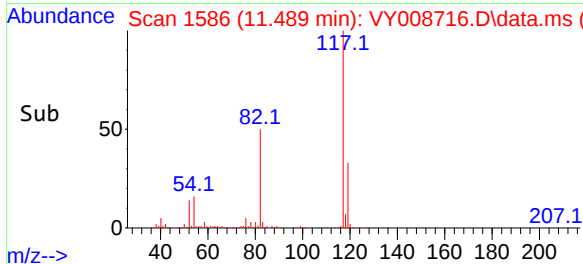
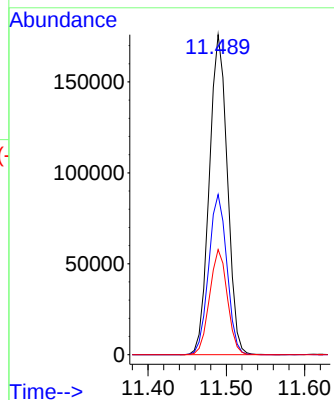
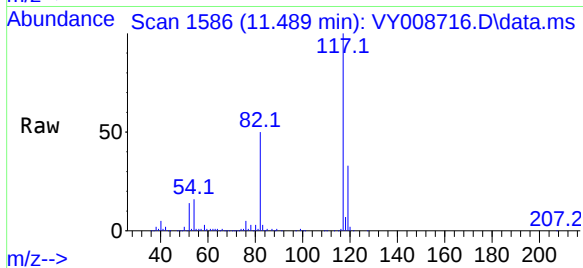




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

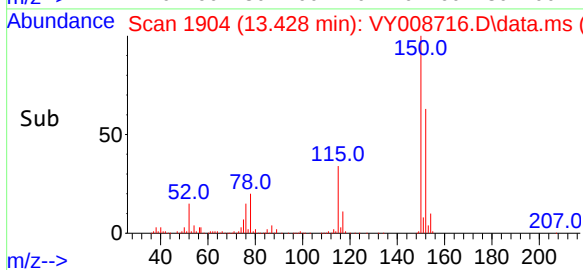
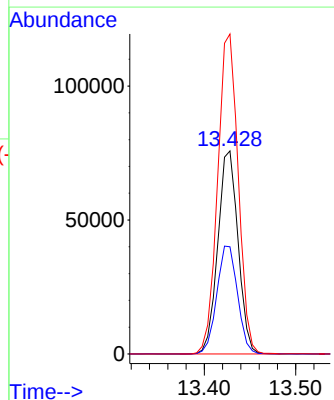
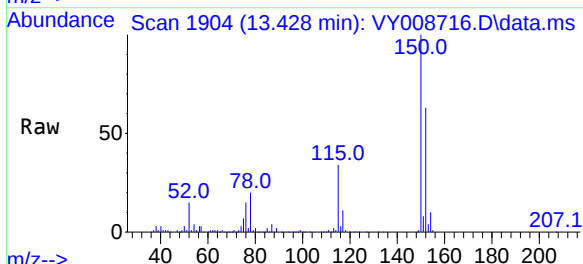
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS004-0006-01

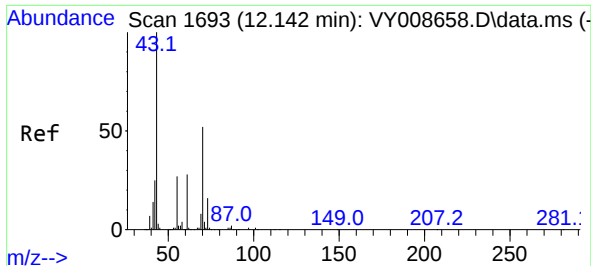
Tgt Ion:117 Resp: 281430
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Tgt Ion:152 Resp: 116831
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 159.9 0.0 347.6

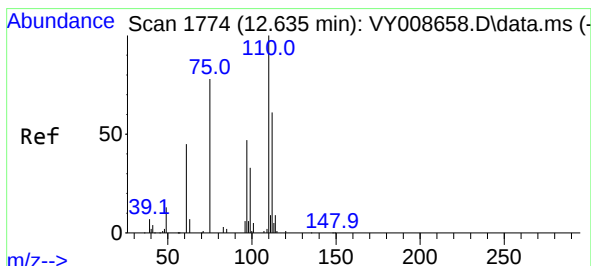
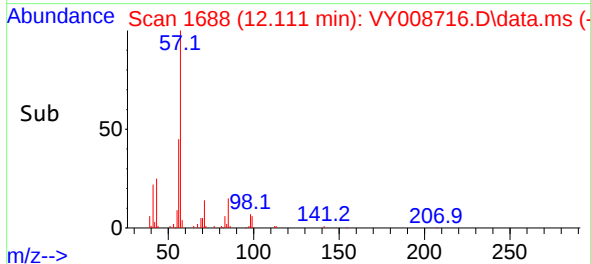
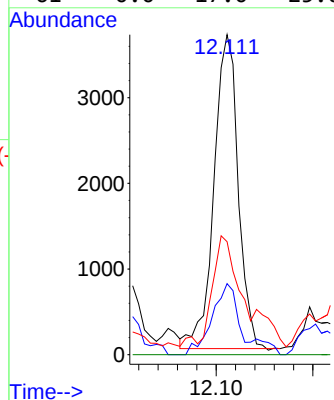
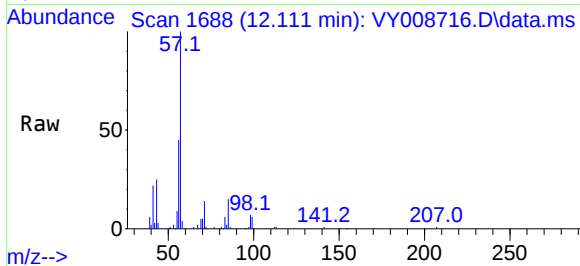




#74
N-amy1 acetate
Concen: 3.180 ug/l
RT: 12.111 min Scan# 1
Delta R.T. -0.031 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

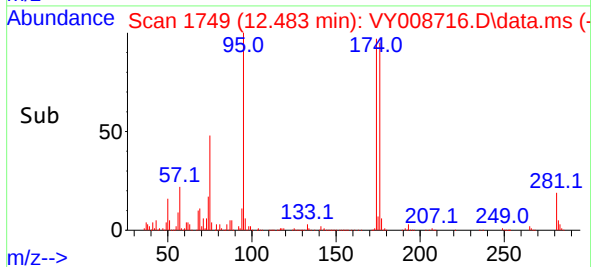
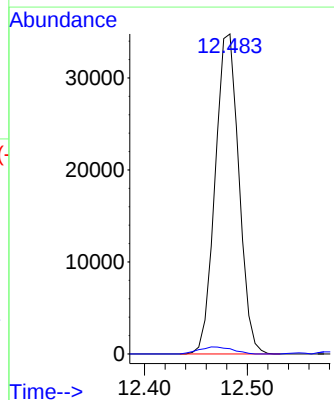
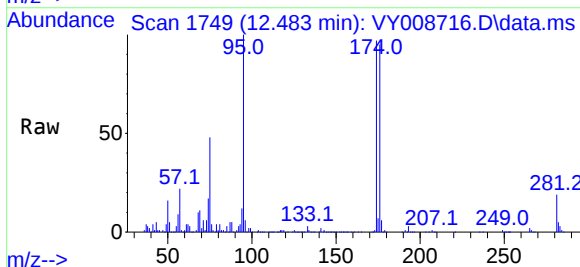
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS004-0006-01

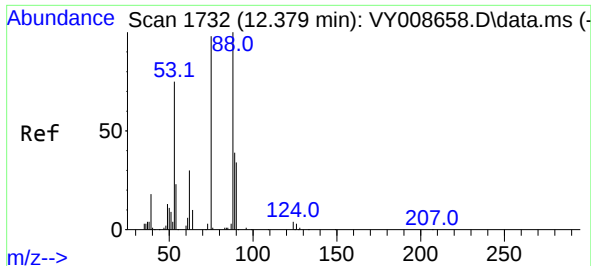
Tgt Ion:	43	Resp:	6374
Ion	Ratio	Lower	Upper
43	100		
70	24.2	28.7	43.1#
55	46.8	17.3	25.9#
61	0.0	17.0	25.6#



#76
1,2,3-Trichloropropane
Concen: 42.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

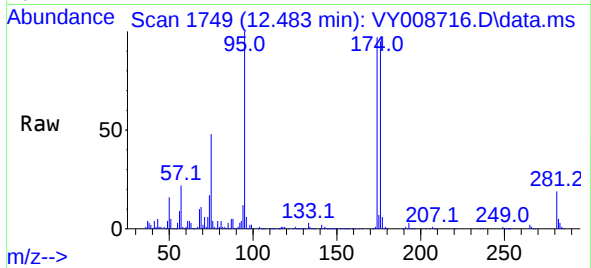
Tgt Ion:	75	Resp:	55705
Ion	Ratio	Lower	Upper
75	100		
77	3.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.152 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008716.D
Acq: 11 May 2022 18:47

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS004-0006-01



Tgt Ion: 75 Resp: 55705
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.4 37.0 55.4#

