

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006332.D
 Acq On : 07 Oct 2021 15:30
 Operator : SY/MD
 Sample : M4131-01
 Misc : 4.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-04(NA)

Quant Time: Oct 08 07:11:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	120712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78156	60.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.980%	
35) Dibromofluoromethane	7.728	113	58122	55.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.020%	
50) Toluene-d8	10.185	98	248785	56.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.560%	
62) 4-Bromofluorobenzene	12.483	95	74342	49.941	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.880%	

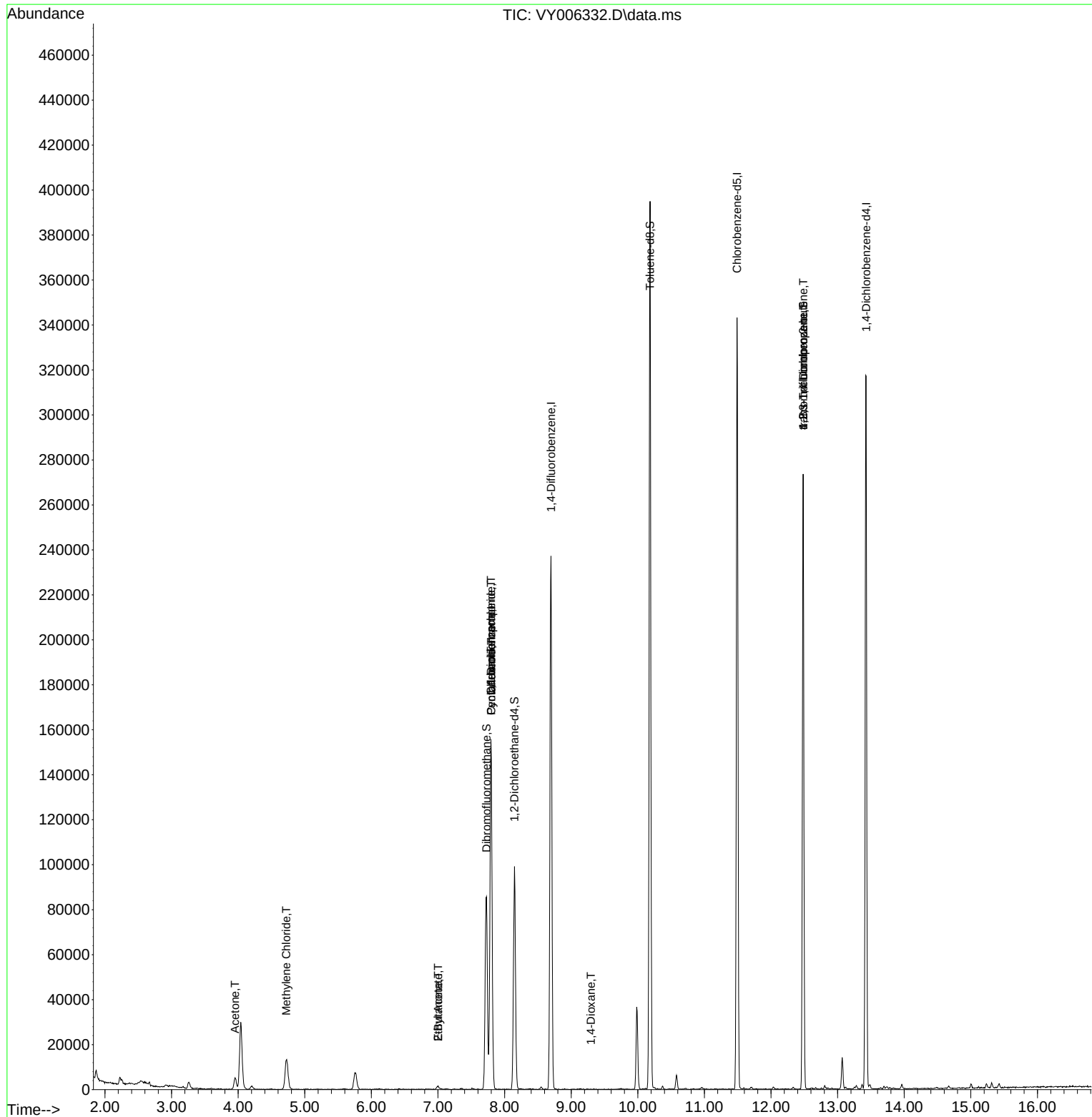
Target Compounds						Qvalue
16) Acetone	3.954	43	9216	25.540	ug/l	98
20) Methylene Chloride	4.722	84	10035	4.673	ug/l #	92
25) 2-Butanone	7.002	43	2310	4.596	ug/l #	87
31) Cyclohexane	7.801	56	2709	1.107	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	8921	4.575	ug/l #	50
37) Ethyl Acetate	7.002	43	2310	2.034	ug/l #	73
38) Carbon Tetrachloride	7.795	117	11662	5.664	ug/l #	15
49) 1,4-Dioxane	9.295	88	19	2.008	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	42190	52.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42190	103.804	ug/l #	7

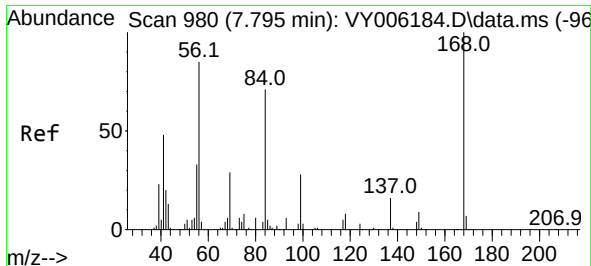
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

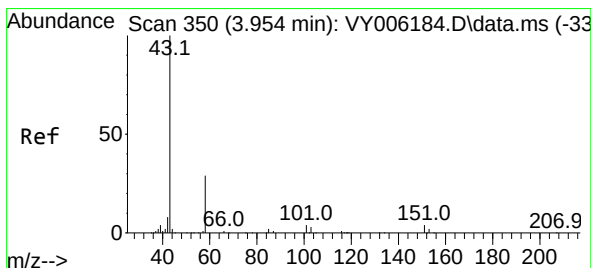
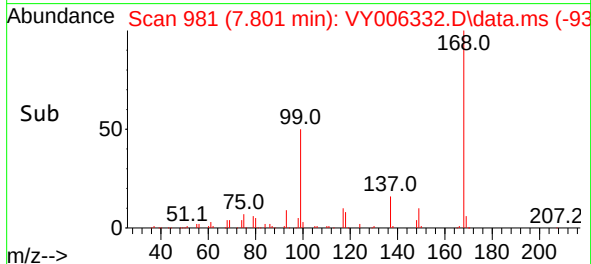
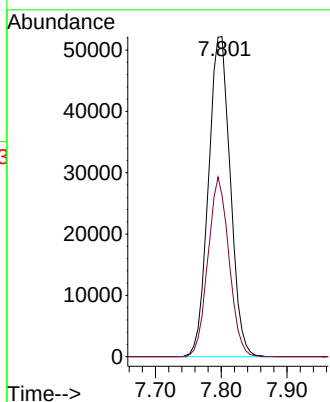
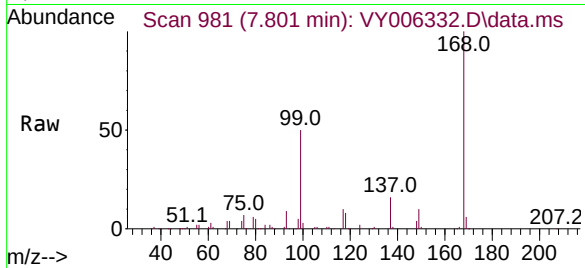




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

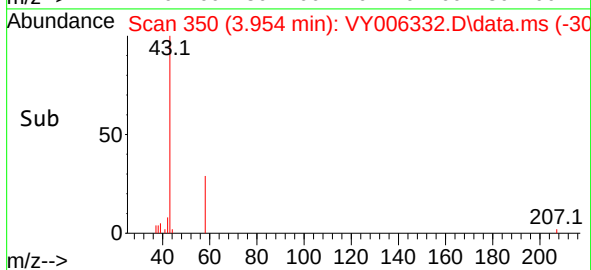
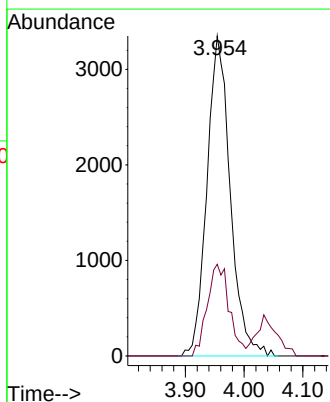
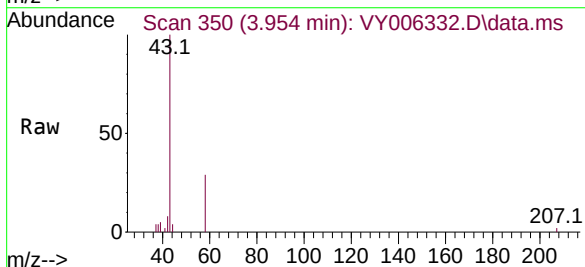
Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

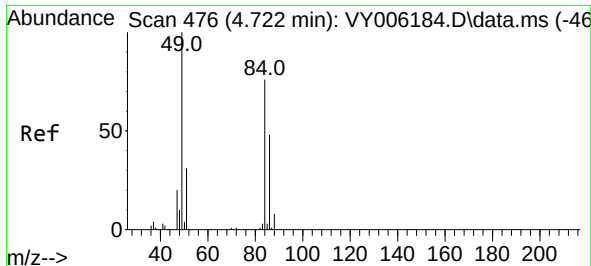
Tgt Ion:168 Resp: 120712
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#16
Acetone
Concen: 25.540 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

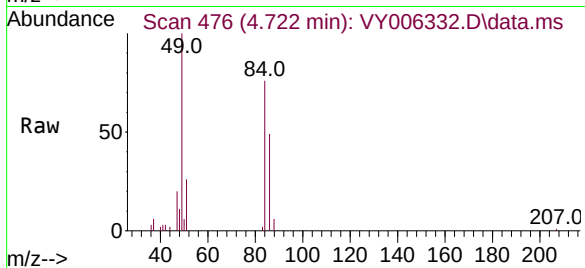
Tgt Ion: 43 Resp: 9216
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0



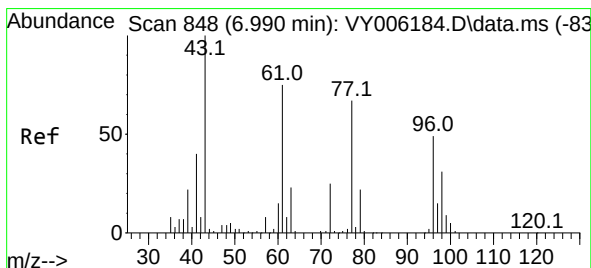
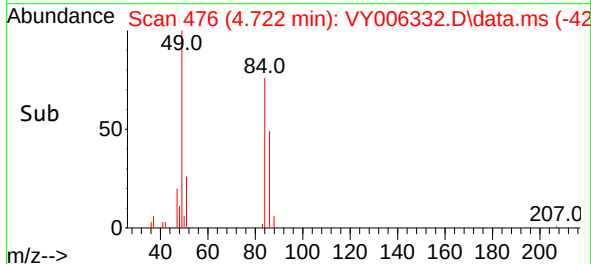
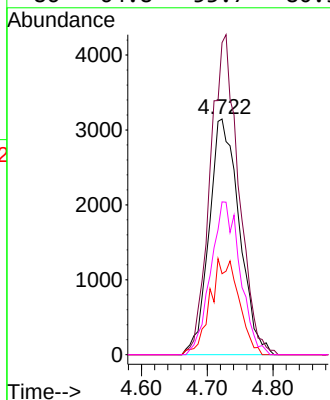


#20
Methylene Chloride
Concen: 4.673 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

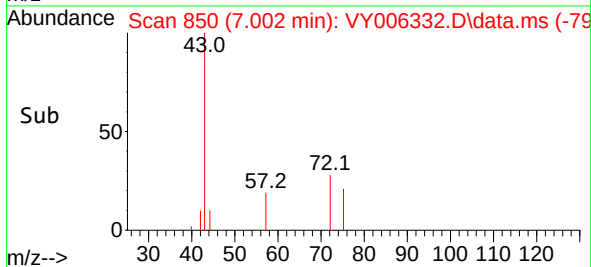
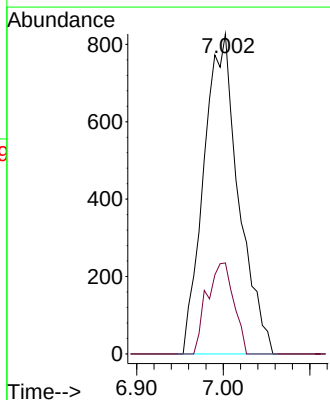
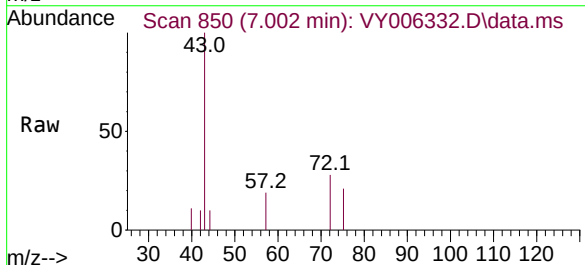


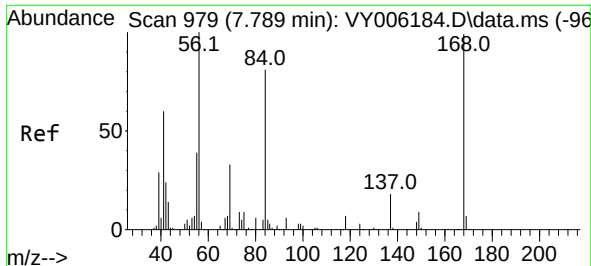
Tgt Ion:	84	Resp:	10035
Ion	Ratio	Lower	Upper
84	100		
49	132.3	114.4	171.6
51	34.4	35.3	52.9#
86	64.8	53.7	80.5



#25
2-Butanone
Concen: 4.596 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion:	43	Resp:	2310
Ion	Ratio	Lower	Upper
43	100		
72	28.4	17.7	26.5#

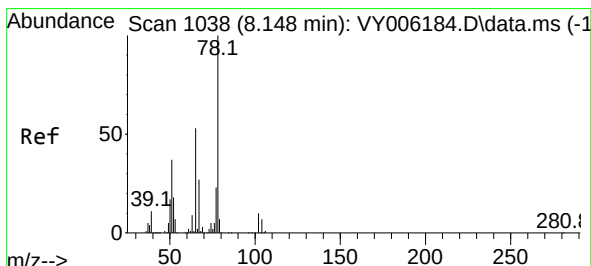
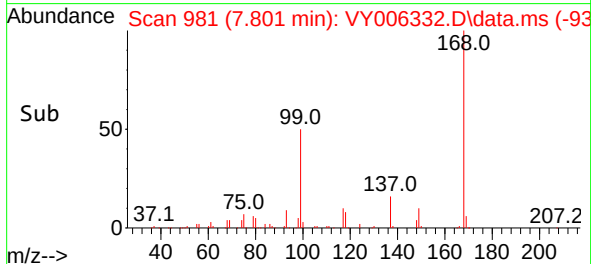
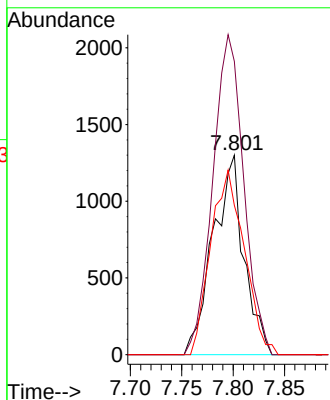
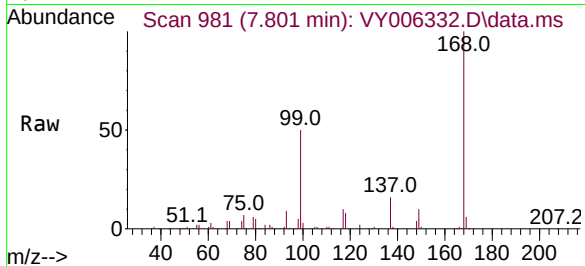




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

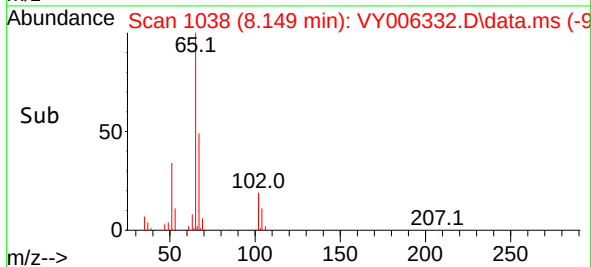
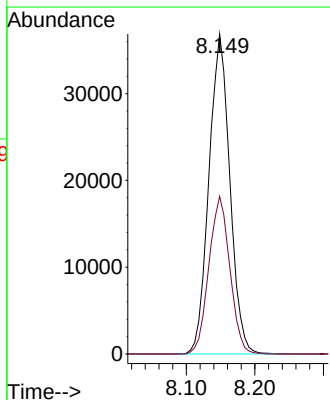
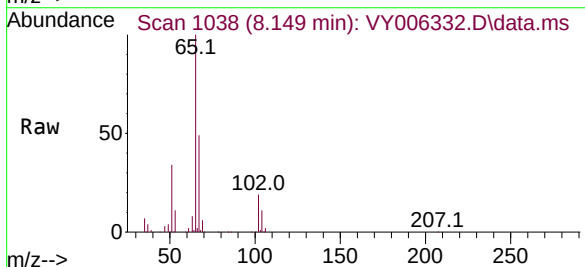
Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

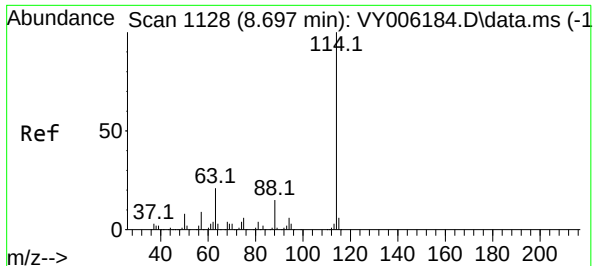
Tgt Ion: 56 Resp: 2709
Ion Ratio Lower Upper
56 100
69 147.1 26.7 40.1#
84 74.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 60.494 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion: 65 Resp: 78156
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006332.D

Acq: 07 Oct 2021 15:30

Tgt Ion:114 Resp: 195972

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

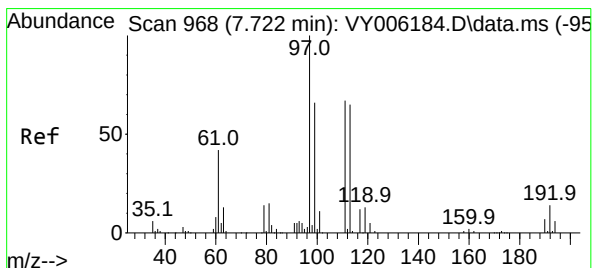
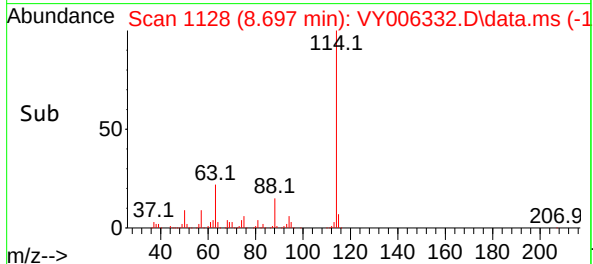
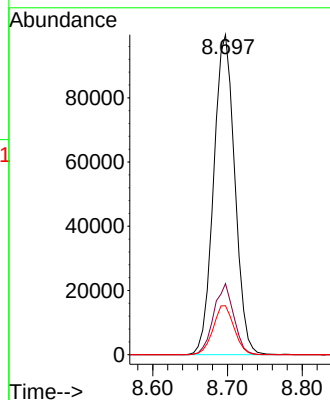
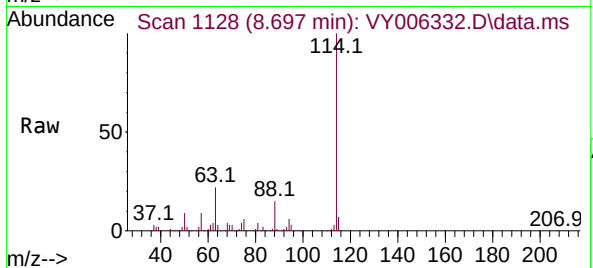
88 15.3 0.0 31.8

Instrument :

MSVOA_Y

ClientSampleId :

SS-04(NA)



#35

Dibromofluoromethane

Concen: 55.513 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006332.D

Acq: 07 Oct 2021 15:30

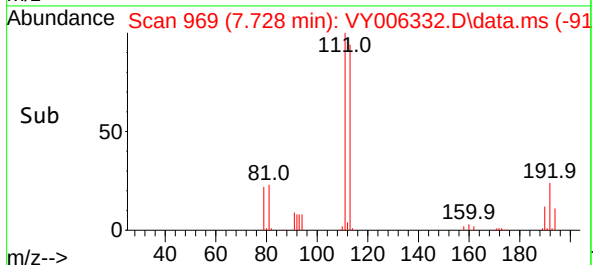
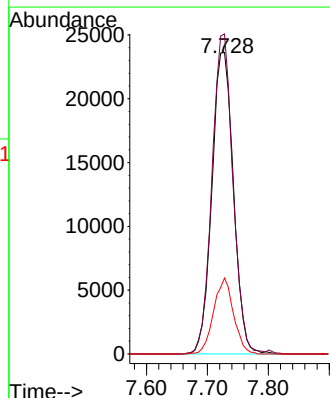
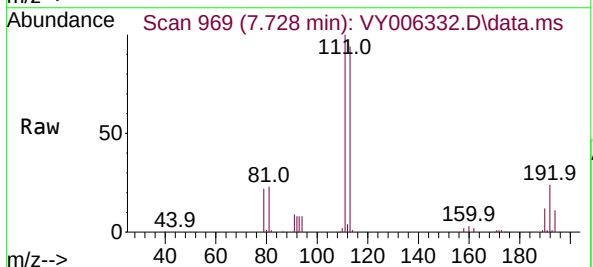
Tgt Ion:113 Resp: 58122

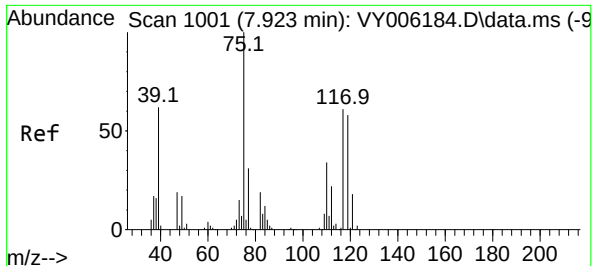
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 23.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 7.795 min Scan# 980

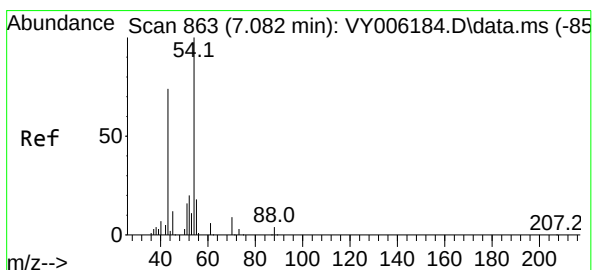
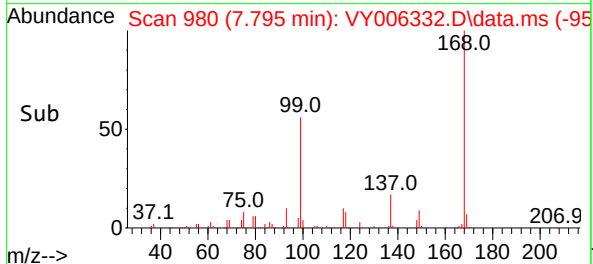
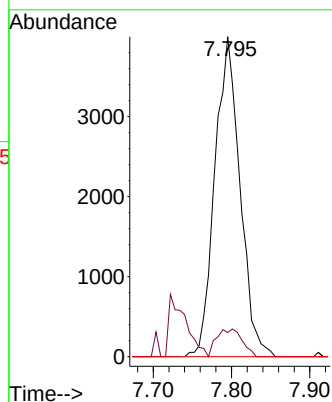
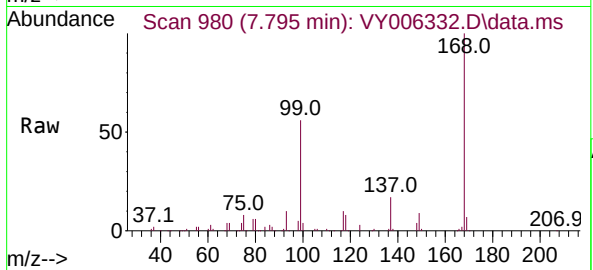
Delta R.T. -0.128 min

Lab File: VY006332.D

Acq: 07 Oct 2021 15:30

Tgt Ion:	75	Resp:	8921
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)



#37

Ethyl Acetate

Concen: 2.034 ug/l

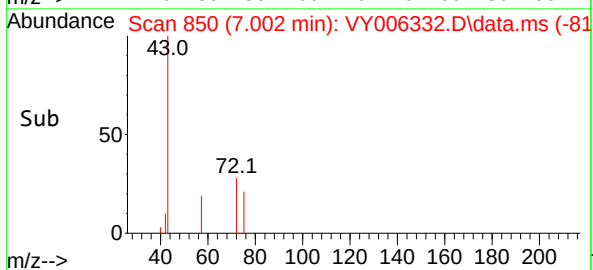
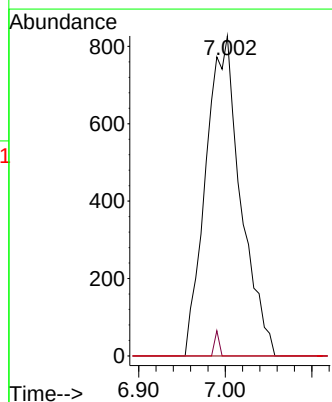
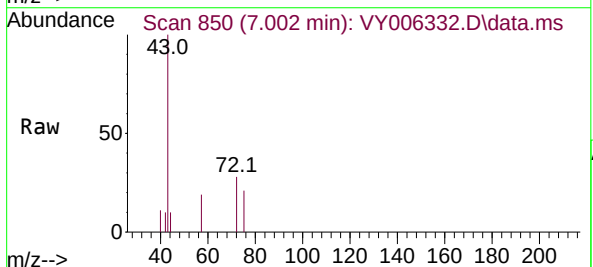
RT: 7.002 min Scan# 850

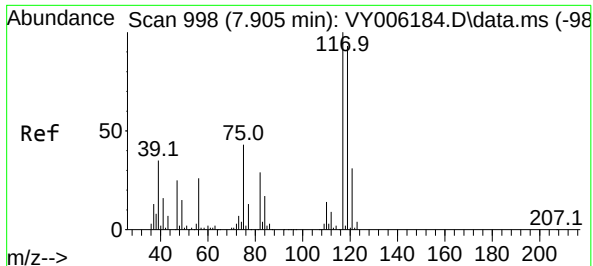
Delta R.T. -0.079 min

Lab File: VY006332.D

Acq: 07 Oct 2021 15:30

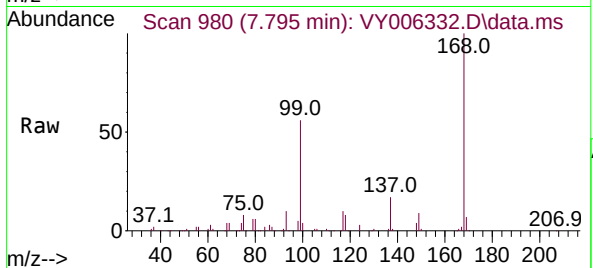
Tgt Ion:	43	Resp:	2310
Ion	Ratio	Lower	Upper
43	100		
61	1.0	9.7	14.5#
70	0.0	7.1	10.7#



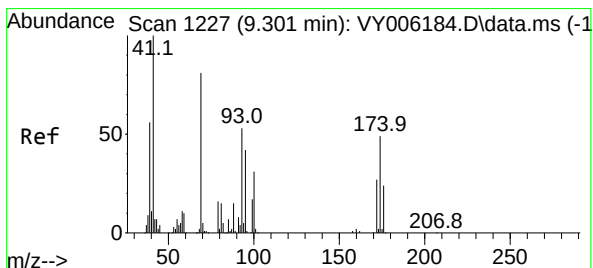
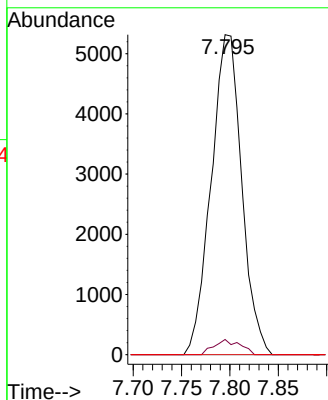
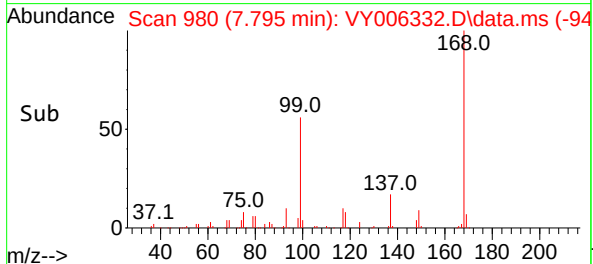


#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

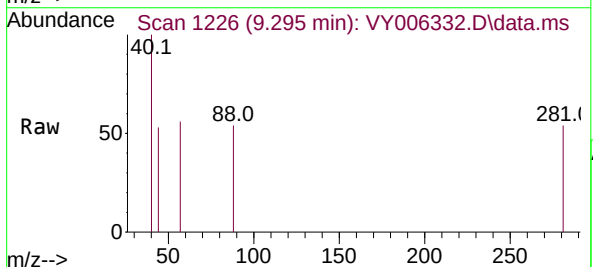
Instrument :
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ClientSampleId :
SS-04(NA)



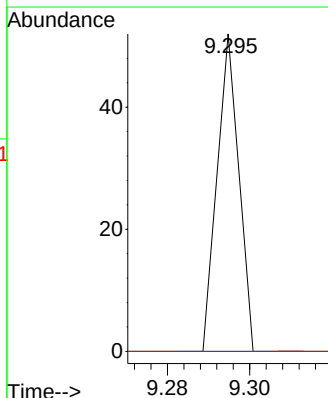
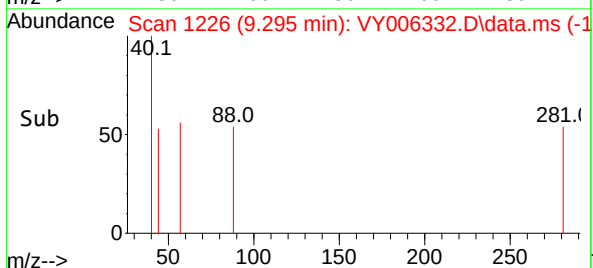
Tgt Ion: 117 Resp: 11662
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#

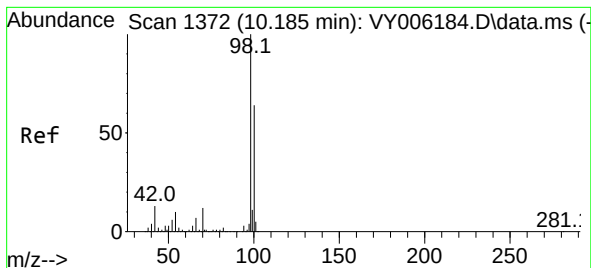


#49
1,4-Dioxane
Concen: 2.008 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30



Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#

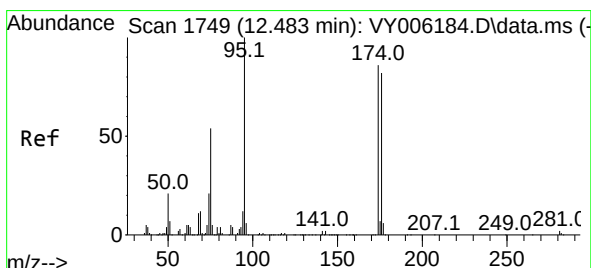
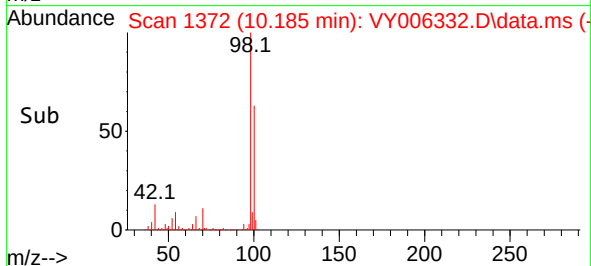
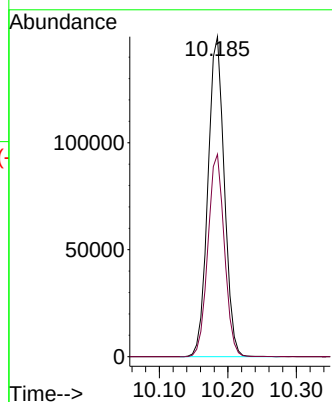
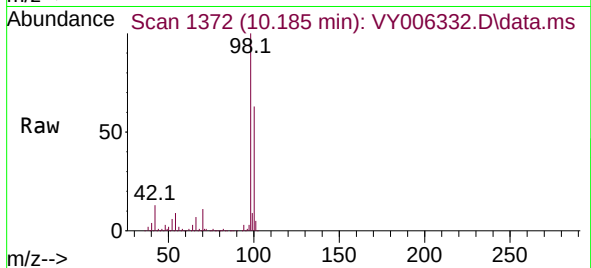




#50
Toluene-d8
Concen: 56.776 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

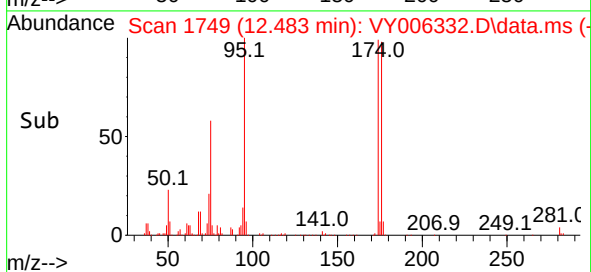
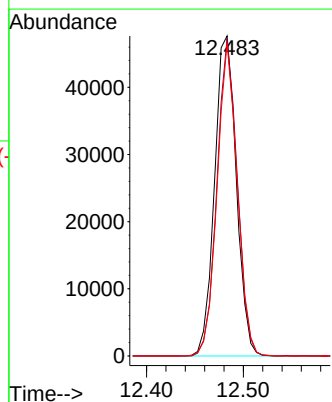
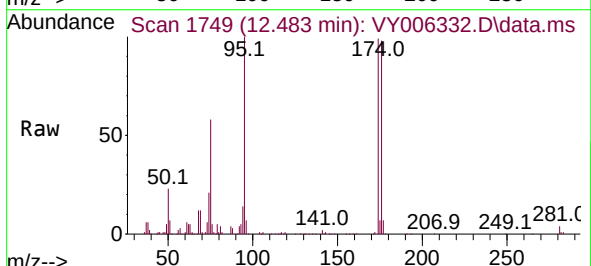
Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

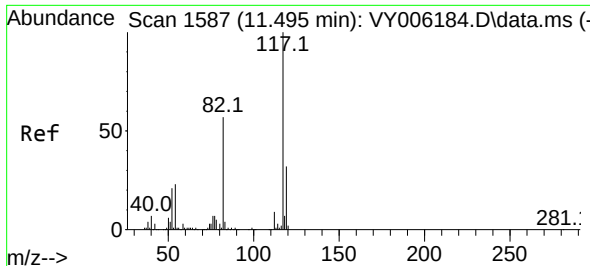
Tgt Ion: 98 Resp: 248785
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion: 95 Resp: 74342
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 90.6 0.0 175.8

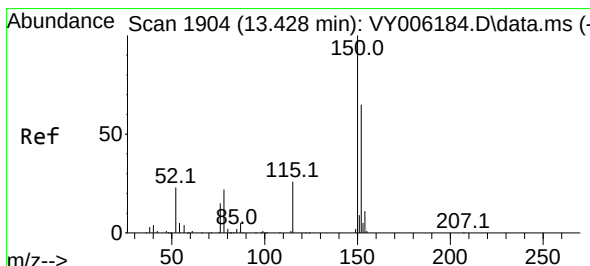
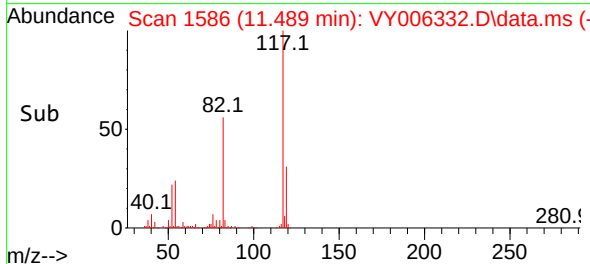
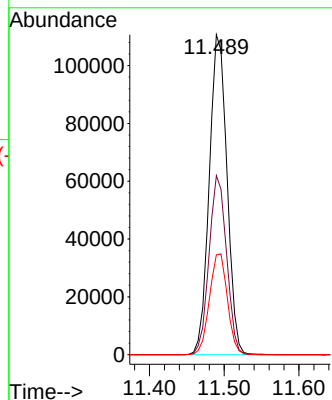
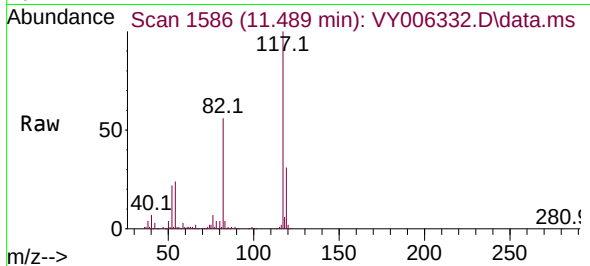




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

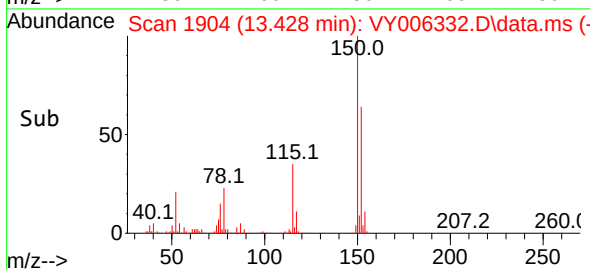
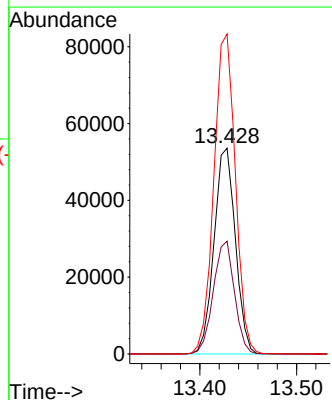
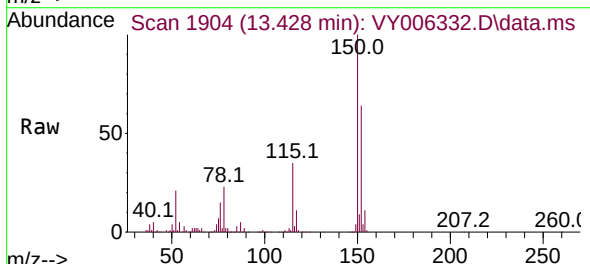
Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

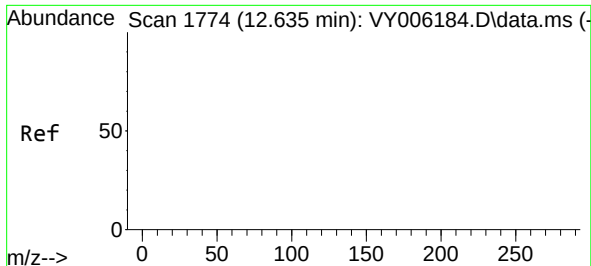
Tgt Ion:	117	Resp:	182108
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	31.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion:	152	Resp:	82176
Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.2	84.7
150	156.5	0.0	347.6

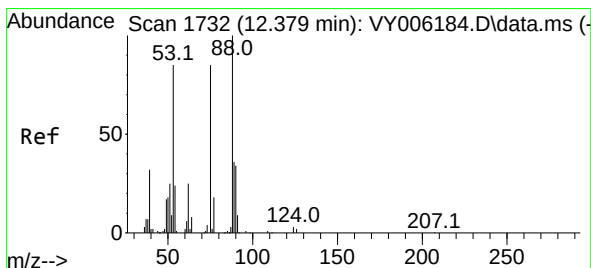
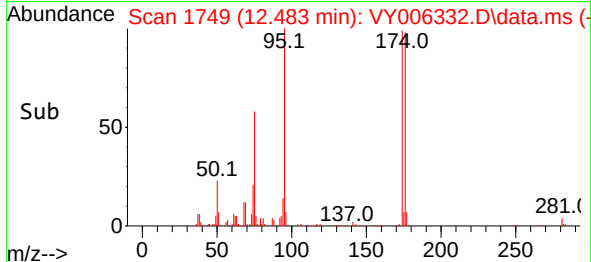
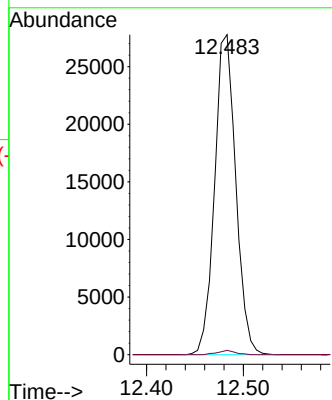
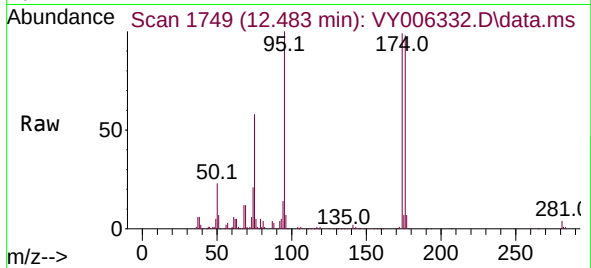




#76
1,2,3-Trichloropropane
Concen: 52.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

Tgt Ion: 75 Resp: 42190
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.804 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion: 75 Resp: 42190
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

