

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006333.D
 Acq On : 07 Oct 2021 15:53
 Operator : SY/MD
 Sample : M4131-02
 Misc : 2.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-05(NA)

Quant Time: Oct 08 07:12:15 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	7.795	168	125238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81342	60.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.360%	
35) Dibromofluoromethane	7.722	113	61070	55.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.520%	
50) Toluene-d8	10.185	98	254560	55.534	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	12.483	95	75377	48.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.820%	

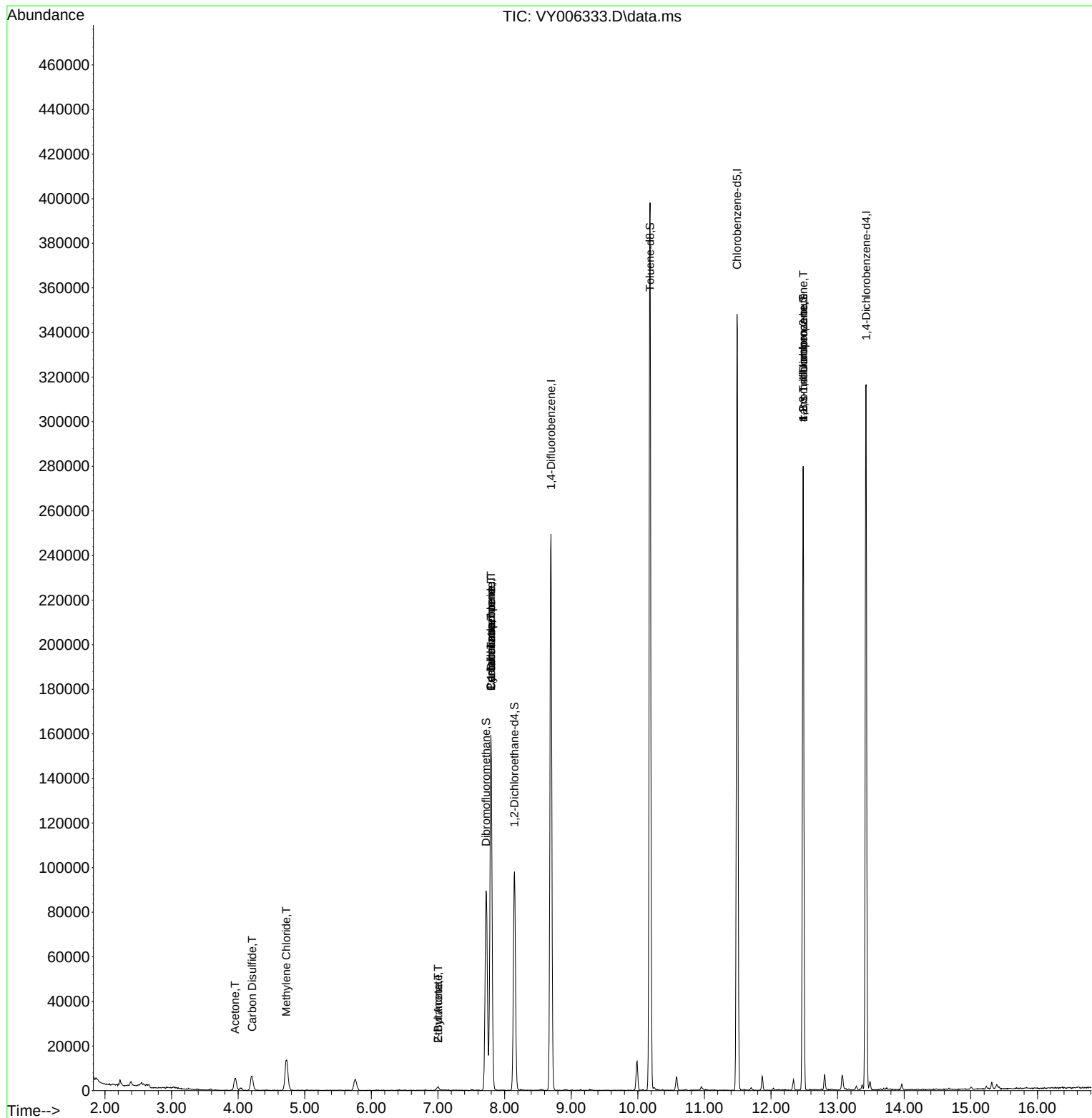
Target Compounds						Qvalue
16) Acetone	3.954	43	9939	26.548	ug/l	91
17) Carbon Disulfide	4.210	76	12978	3.308	ug/l	96
20) Methylene Chloride	4.722	84	10339	4.613	ug/l	90
25) 2-Butanone	7.002	43	2641	5.064	ug/l	96
31) Cyclohexane	7.795	56	2686	1.058	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	9442	4.629	ug/l #	50
37) Ethyl Acetate	7.002	43	2641	2.223	ug/l #	72
38) Carbon Tetrachloride	7.795	117	11939	5.543	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43079	54.860	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43079	107.809	ug/l #	7

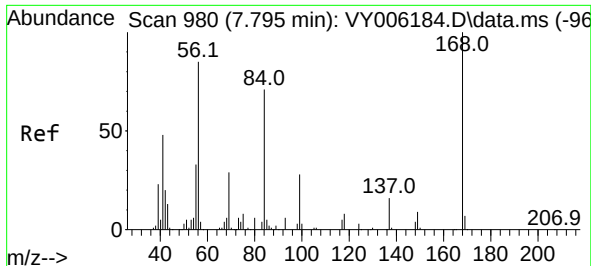
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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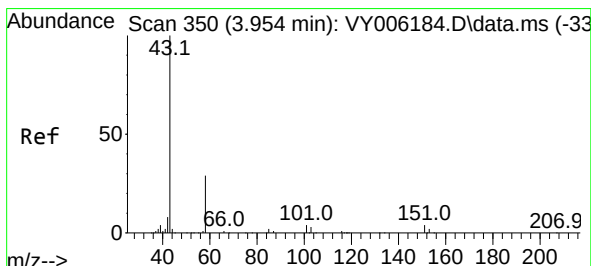
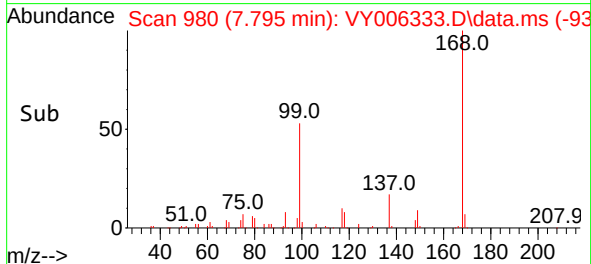
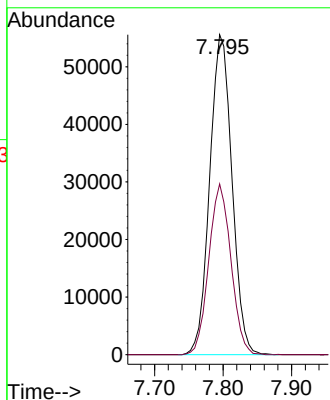
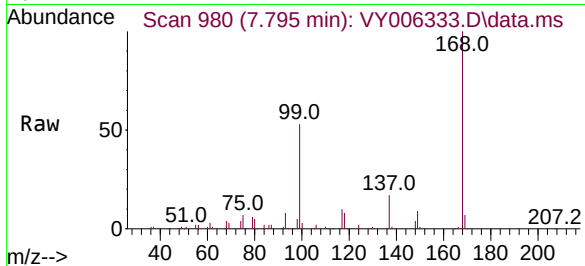




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

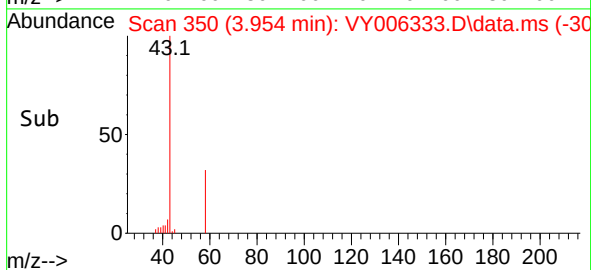
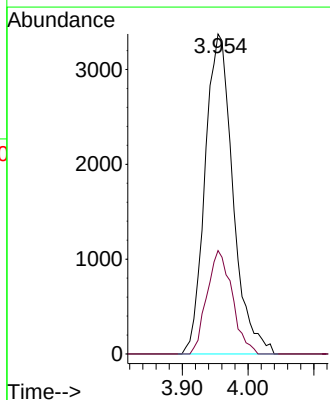
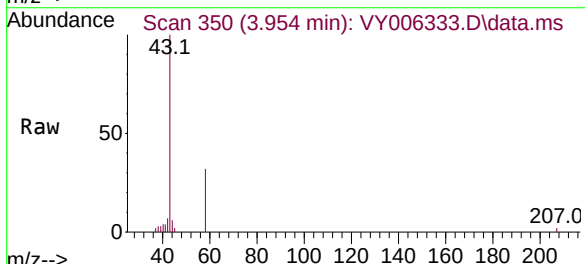
Instrument :
MSVOA_Y
ClientSampleId :
SS-05(NA)

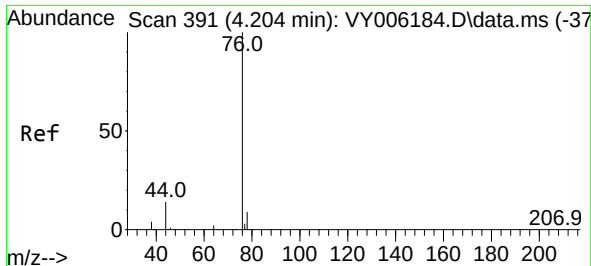
Tgt Ion:168 Resp: 125238
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 26.548 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Tgt Ion: 43 Resp: 9939
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0

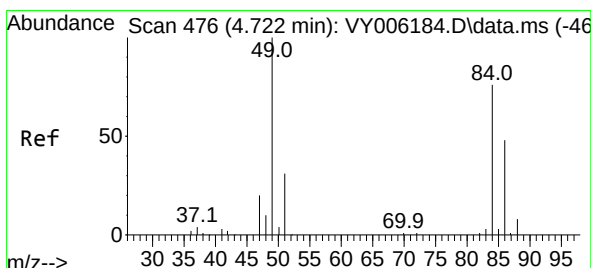
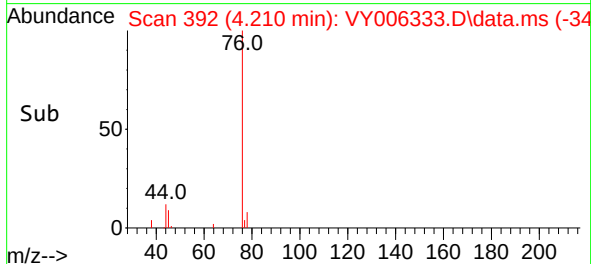
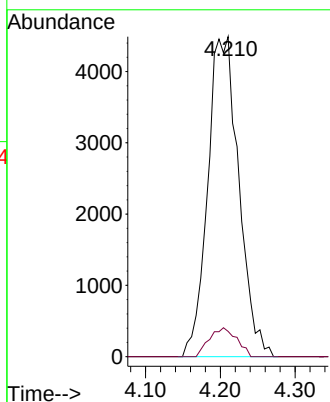
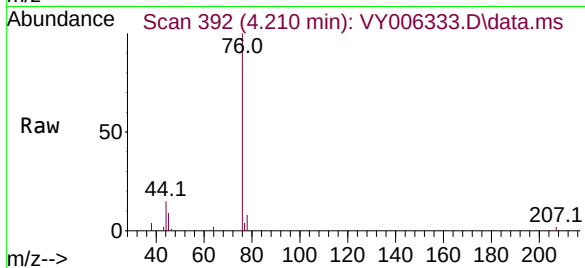




#17
Carbon Disulfide
Concen: 3.308 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

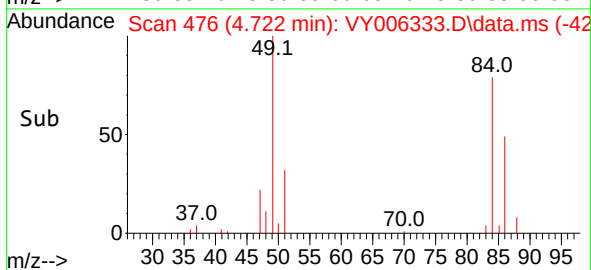
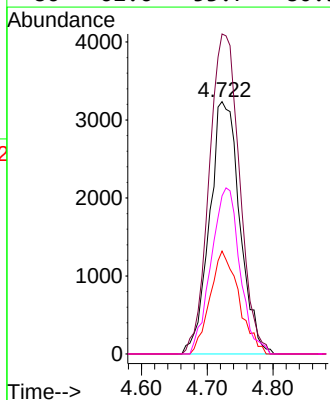
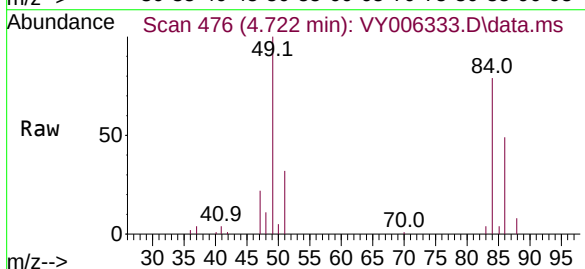
Instrument :
MSVOA_Y
ClientSampleId :
SS-05(NA)

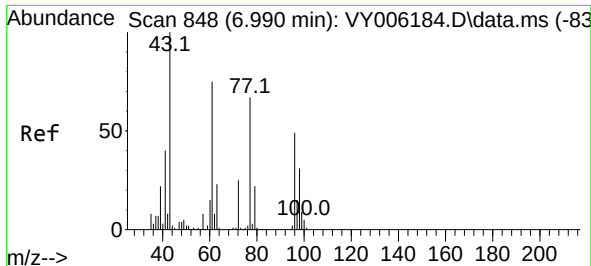
Tgt Ion: 76 Resp: 12978
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#20
Methylene Chloride
Concen: 4.613 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Tgt Ion: 84 Resp: 10339
Ion Ratio Lower Upper
84 100
49 126.8 114.4 171.6
51 40.8 35.3 52.9
86 62.6 53.7 80.5





#25

2-Butanone

Concen: 5.064 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY006333.D

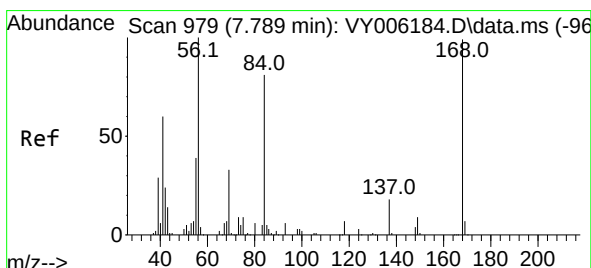
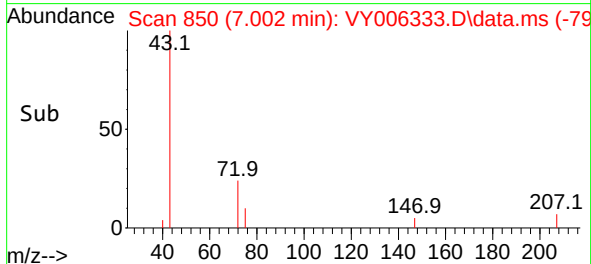
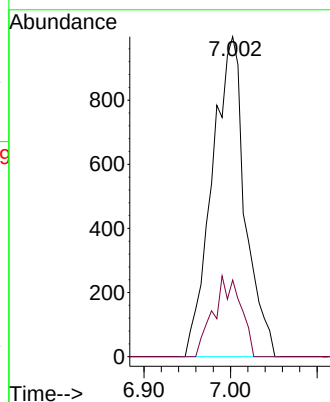
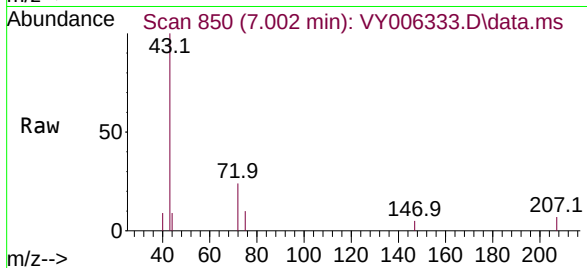
Acq: 07 Oct 2021 15:53

Tgt Ion: 43 Resp: 2641

Ion Ratio Lower Upper

43 100

72 23.9 17.7 26.5



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006333.D

Acq: 07 Oct 2021 15:53

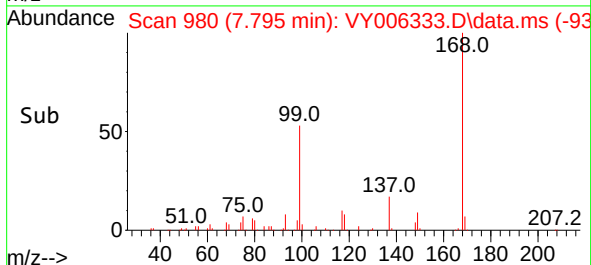
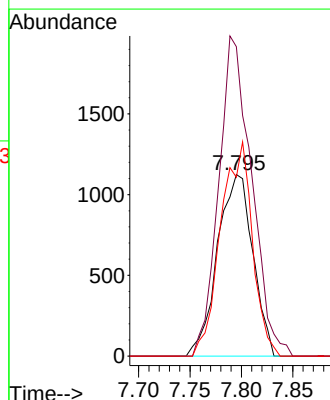
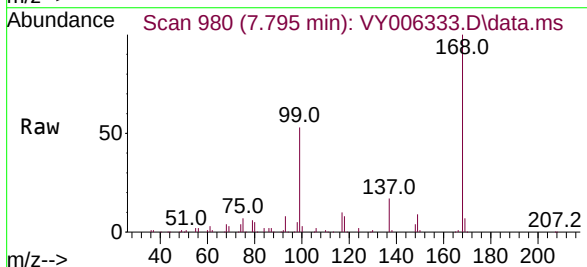
Tgt Ion: 56 Resp: 2686

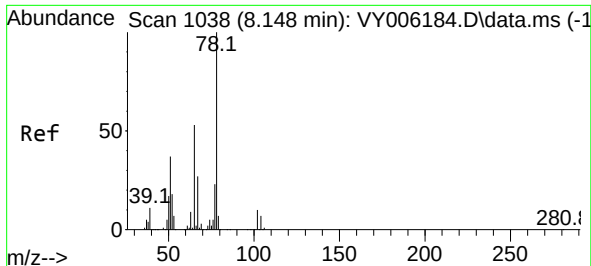
Ion Ratio Lower Upper

56 100

69 170.4 26.7 40.1#

84 98.5 67.2 100.8

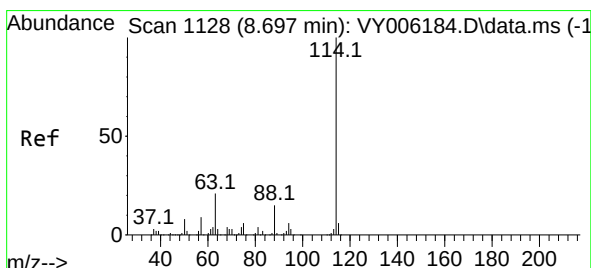
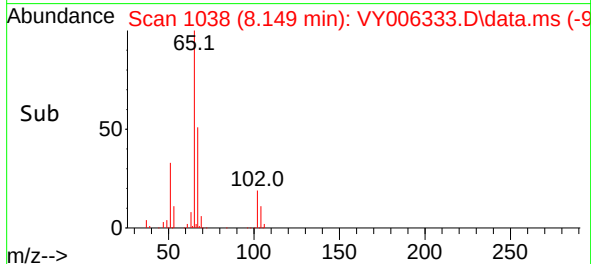
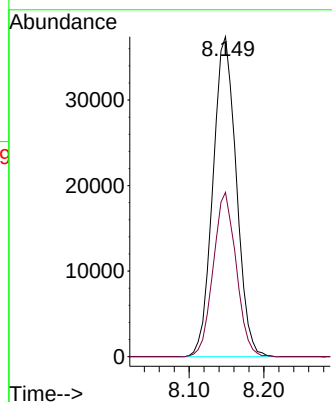
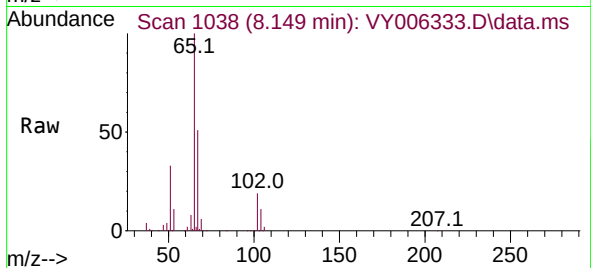




#33
1,2-Dichloroethane-d4
Concen: 60.684 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

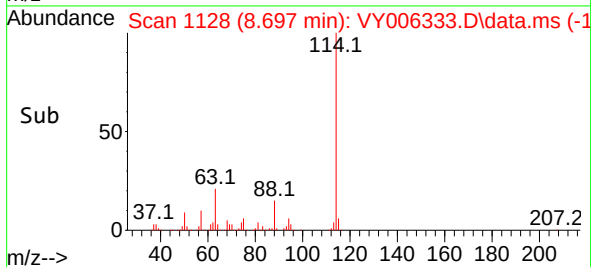
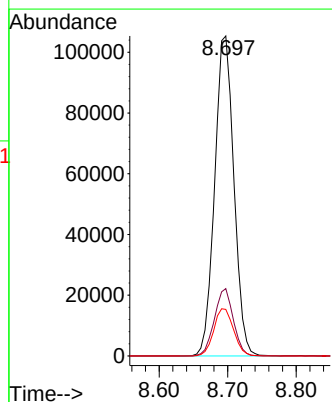
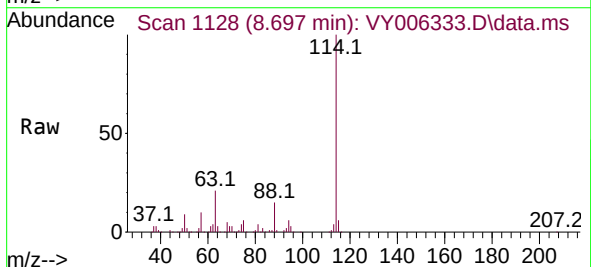
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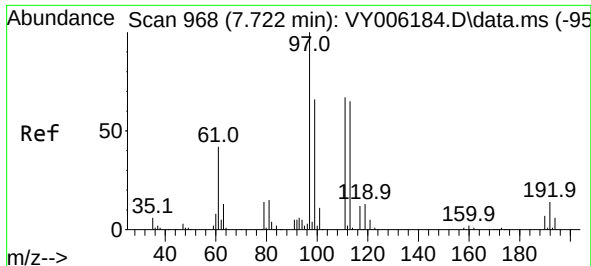
Tgt Ion: 65 Resp: 81342
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Tgt Ion: 114 Resp: 205003
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 14.5 0.0 31.8

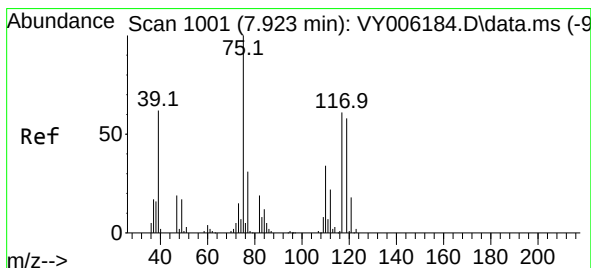
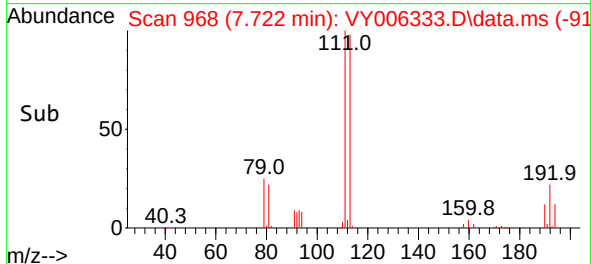
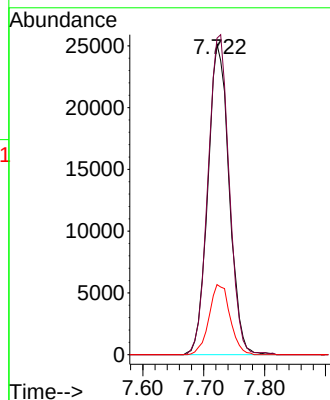
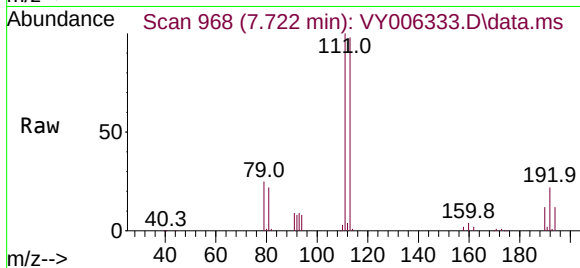




#35
Dibromofluoromethane
Concen: 55.759 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

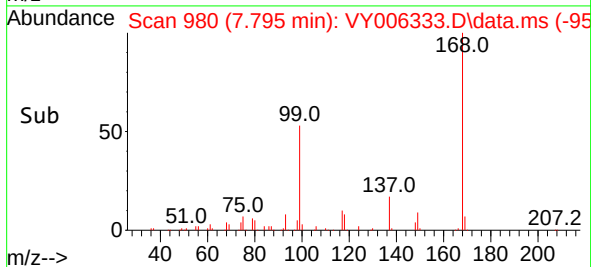
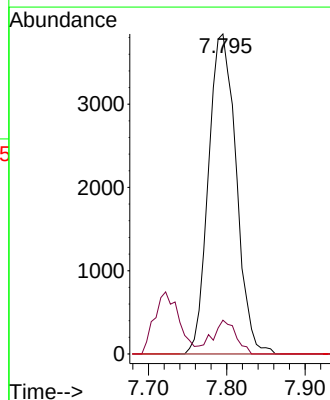
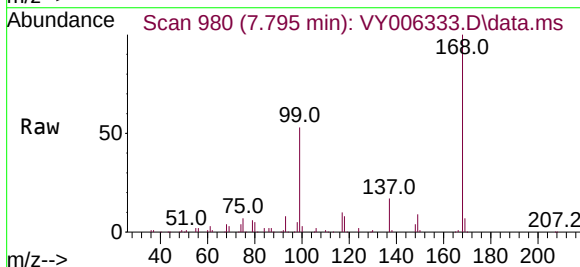
Instrument :
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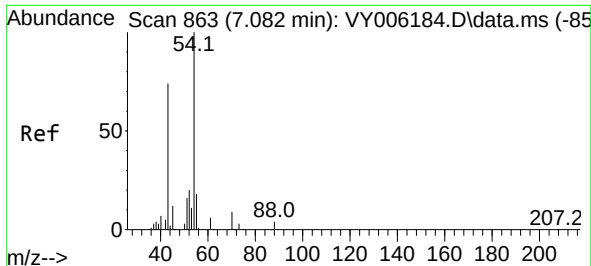
Tgt Ion:	113	Resp:	61070
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	22.3	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Tgt Ion:	75	Resp:	9442
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 2.223 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.079 min

Lab File: VY006333.D

Acq: 07 Oct 2021 15:53

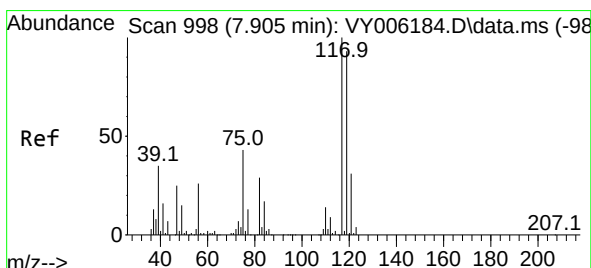
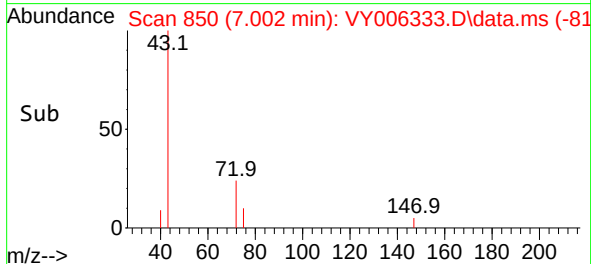
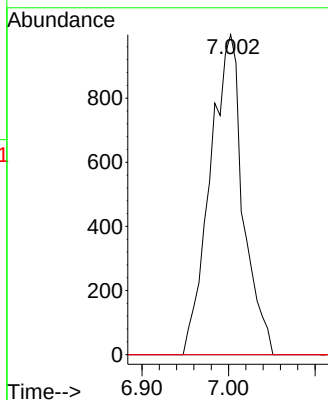
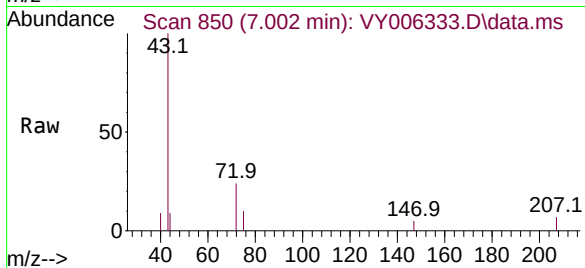
Instrument :

MSVOA_Y

ClientSampleId :

SS-05(NA)

Tgt Ion:	43	Resp:	2641
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.543 ug/l

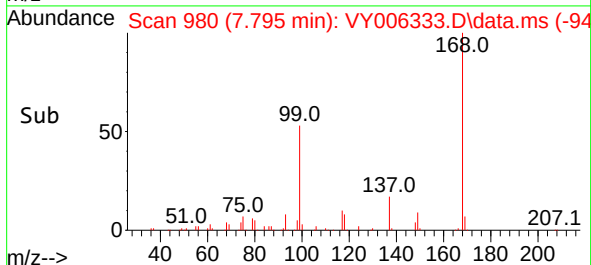
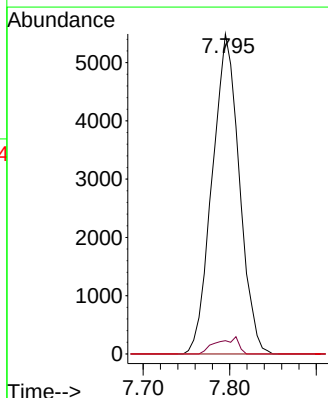
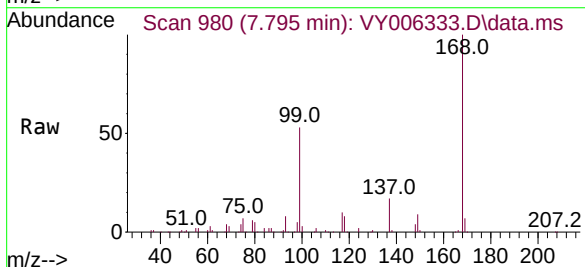
RT: 7.795 min Scan# 980

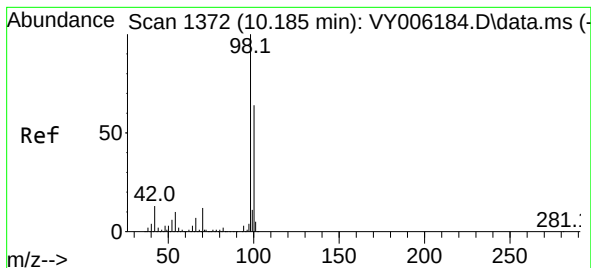
Delta R.T. -0.110 min

Lab File: VY006333.D

Acq: 07 Oct 2021 15:53

Tgt Ion:	117	Resp:	11939
Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.9	116.9#
121	0.0	24.8	37.2#

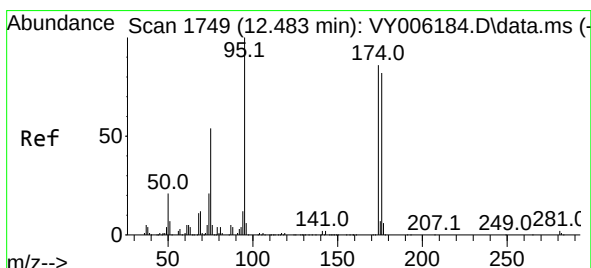
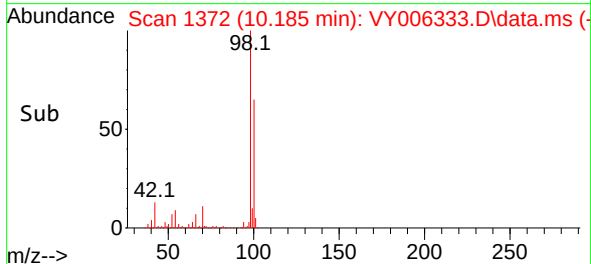
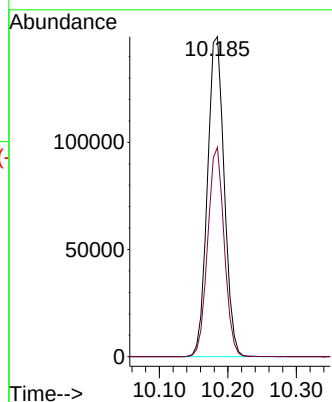
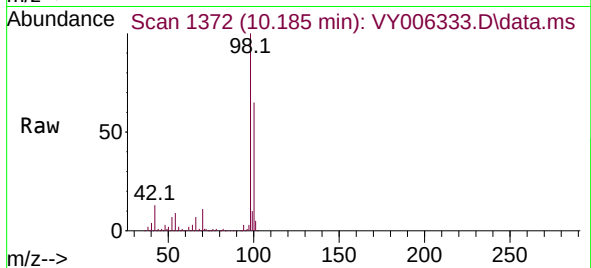




#50
Toluene-d8
Concen: 55.534 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

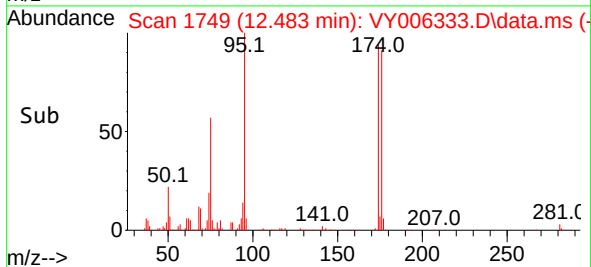
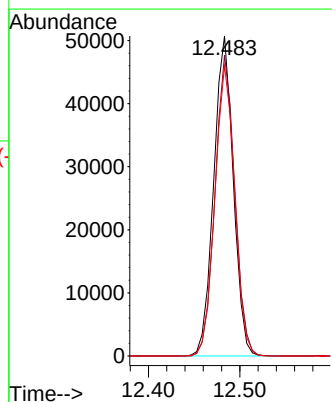
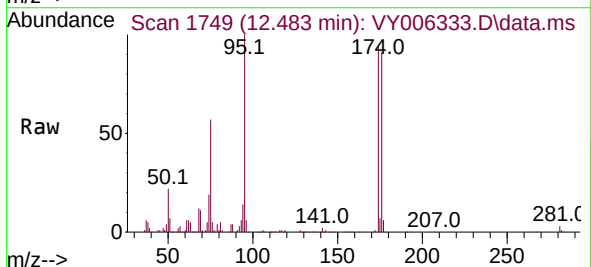
Instrument :
MSVOA_Y
ClientSampleId :
SS-05(NA)

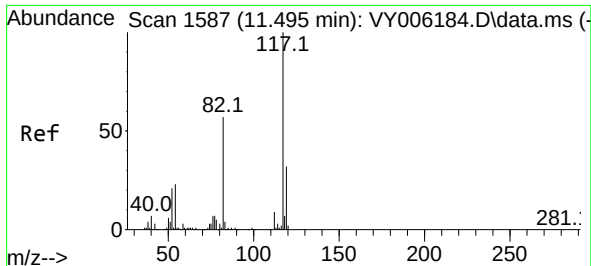
Tgt Ion: 98 Resp: 254560
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Tgt Ion: 95 Resp: 75377
Ion Ratio Lower Upper
95 100
174 94.5 0.0 177.0
176 92.4 0.0 175.8

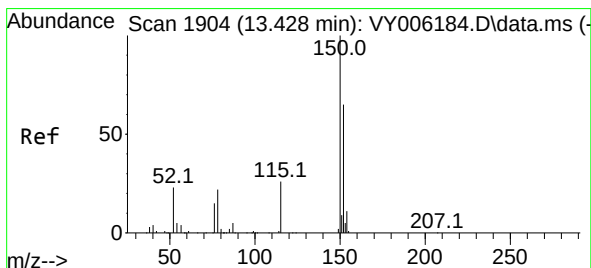
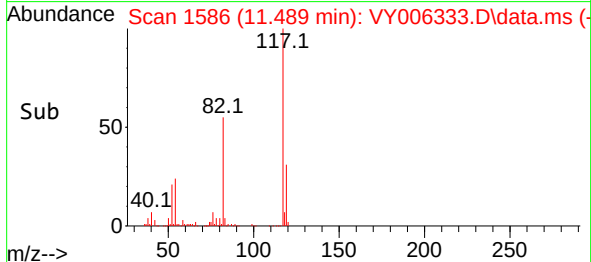
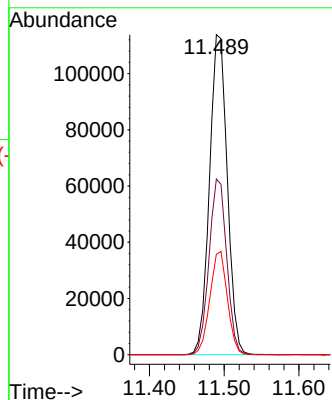
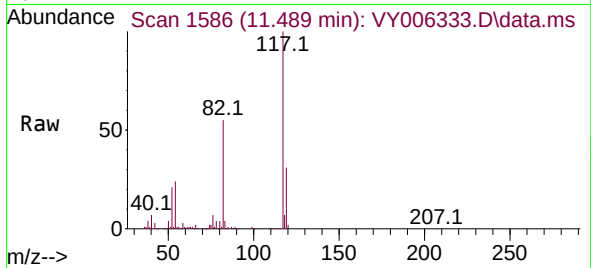




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

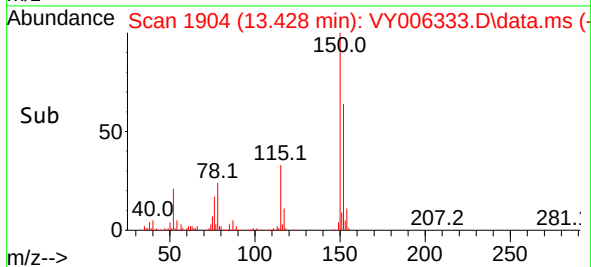
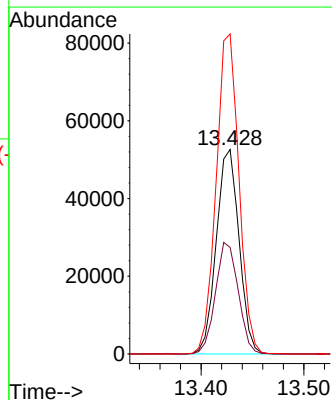
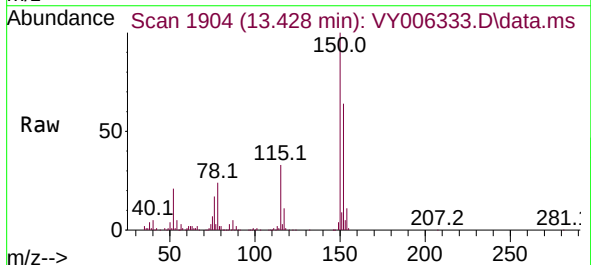
Instrument :
MSVOA_Y
ClientSampleId :
SS-05(NA)

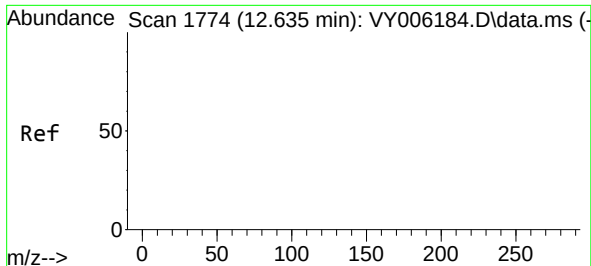
Tgt Ion:117 Resp: 188059
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Tgt Ion:152 Resp: 80791
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.6 0.0 347.6

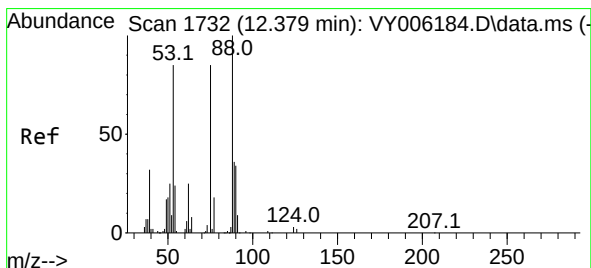
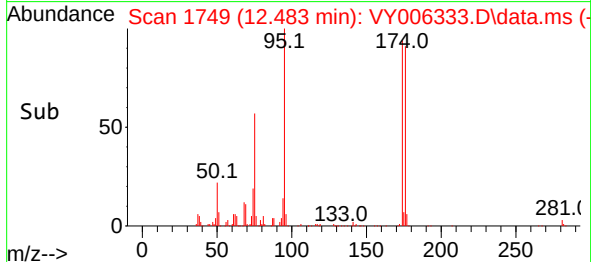
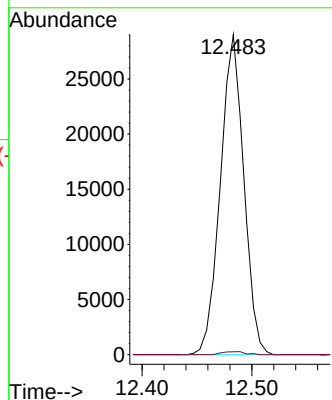
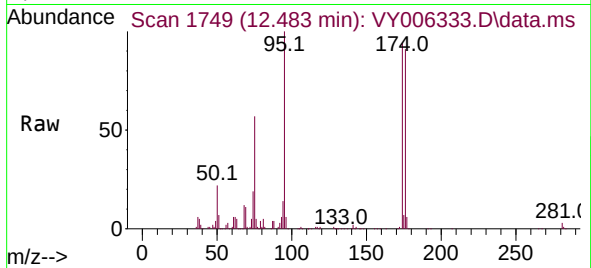




#76
1,2,3-Trichloropropane
Concen: 54.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Instrument :
MSVOA_Y
ClientSampleId :
SS-05(NA)

Tgt Ion: 75 Resp: 43079
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006333.D
Acq: 07 Oct 2021 15:53

Tgt Ion: 75 Resp: 43079
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

