

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004812.D
 Acq On : 17 May 2021 18:25
 Operator : SY/MD
 Sample : M2392-22
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-3.5-4.0

Quant Time: May 18 01:07:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

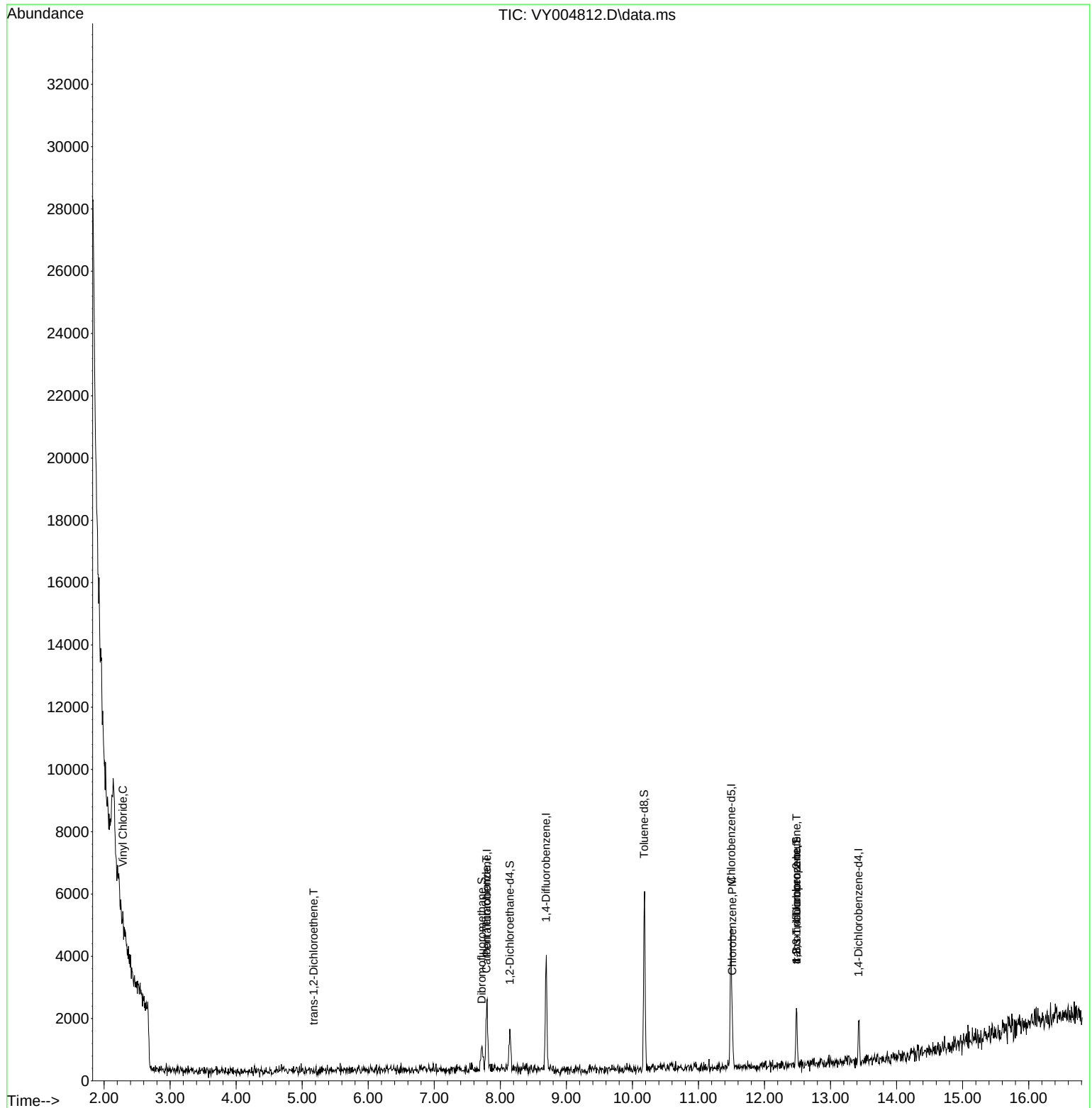
Internal Standards						
1) Pentafluorobenzene	7.795	168	1992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1138	47.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.98%
35) Dibromofluoromethane	7.716	113	659	38.58	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.16%
50) Toluene-d8	10.179	98	3878	50.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.52%
62) 4-Bromofluorobenzene	12.483	95	748	28.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.44%
Target Compounds						
4) Vinyl Chloride	2.284	62	80	2.64	ug/l #	43
20) Methylene Chloride	4.704	84	23	Below Cal	#	44
21) trans-1,2-Dichloroethene	5.173	96	45	2.01	ug/l #	1
38) Carbon Tetrachloride	7.789	117	199	6.92	ug/l #	12
65) Chlorobenzene	11.514	112	509	9.02	ug/l #	86
76) 1,2,3-Trichloropropane	12.483	75	372	76.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	372	132.02	ug/l #	13

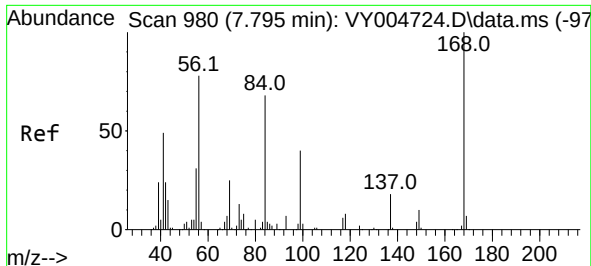
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-08-3.5-4.0

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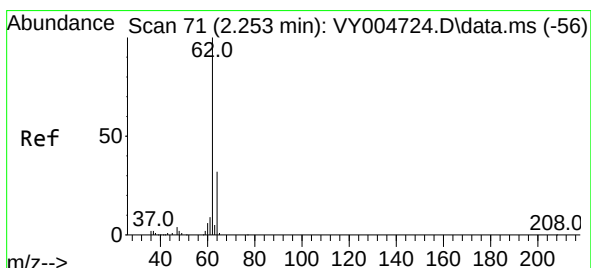
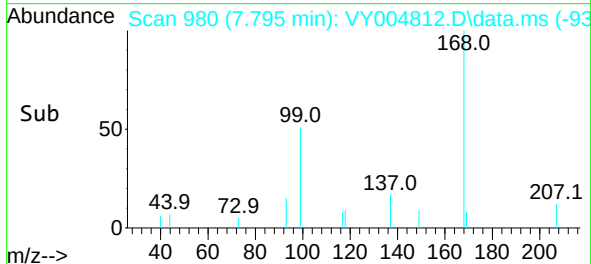
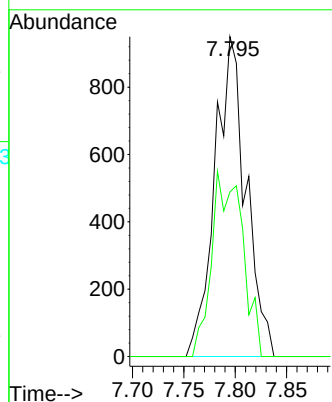
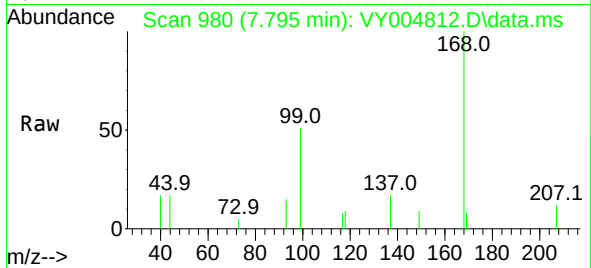




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

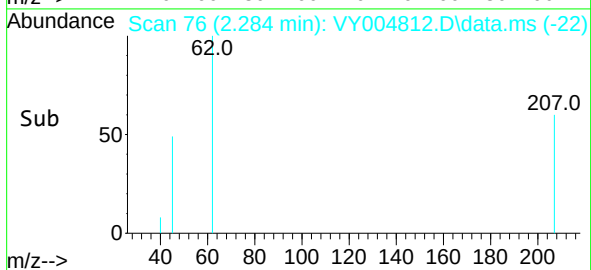
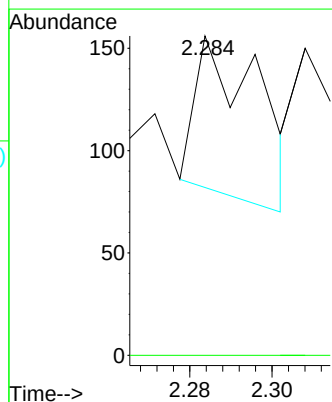
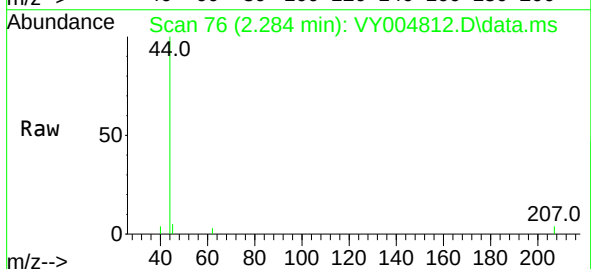
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-3.5-4.0

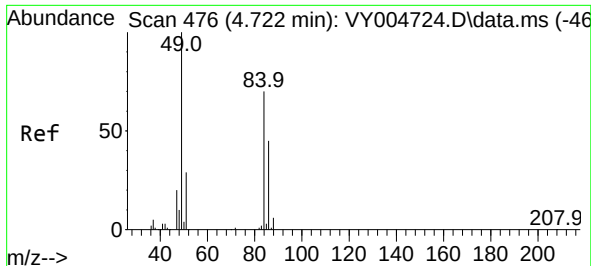
Tgt Ion:168 Resp: 1992
Ion Ratio Lower Upper
168 100
99 51.5 45.6 68.4



#4
Vinyl Chloride
Concen: 2.64 ug/l
RT: 2.284 min Scan# 76
Delta R.T. 0.030 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

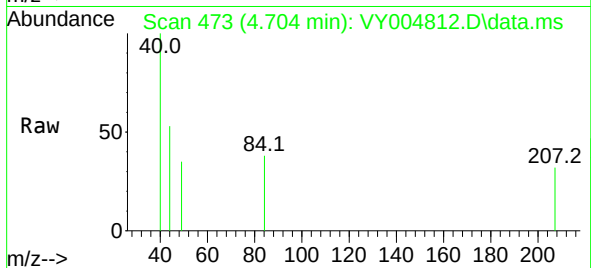
Tgt Ion: 62 Resp: 80
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.2#



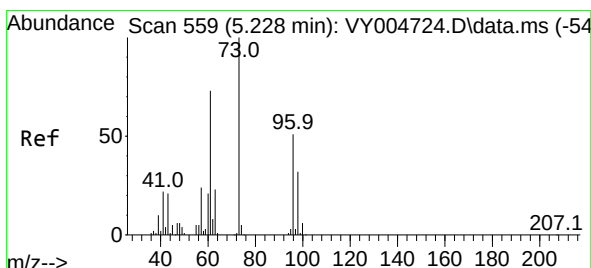
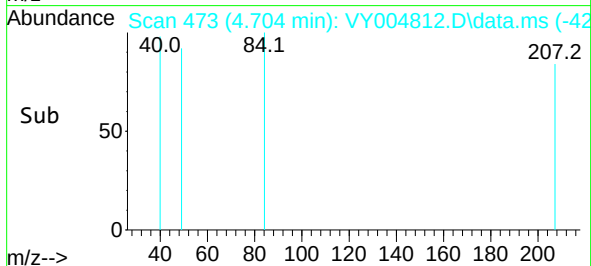
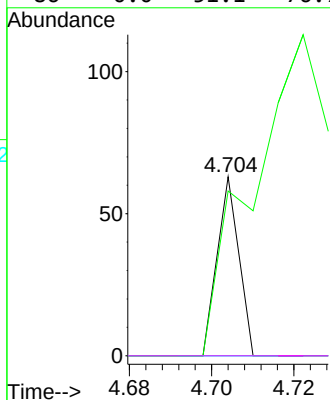


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-08-3.5-4.0

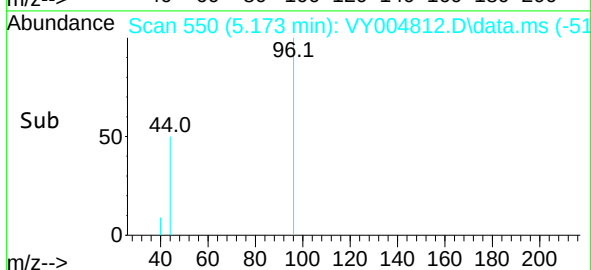
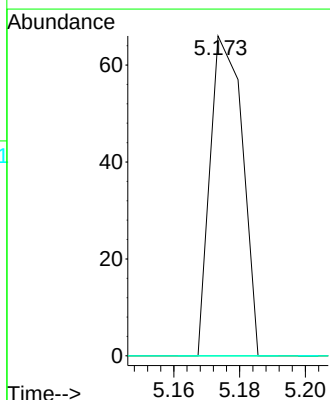
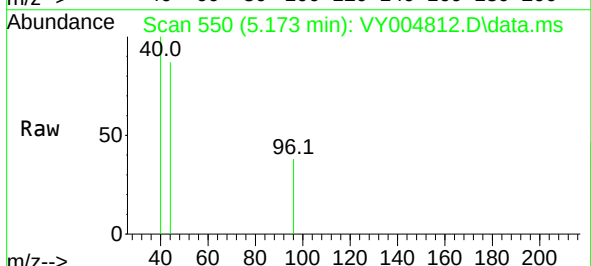


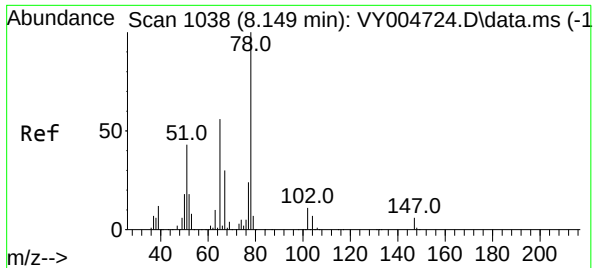
Tgt Ion: 84 Resp: 23
Ion Ratio Lower Upper
84 100
49 92.1 113.8 170.8#
51 0.0 33.5 50.3#
86 0.0 51.1 76.7#



#21
trans-1,2-Dichloroethene
Concen: 2.01 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.055 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

Tgt Ion: 96 Resp: 45
Ion Ratio Lower Upper
96 100
61 0.0 115.5 173.3#
98 0.0 50.6 75.8#

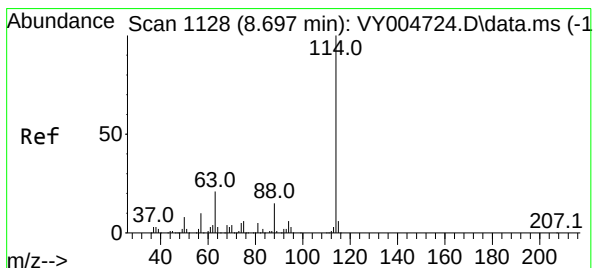
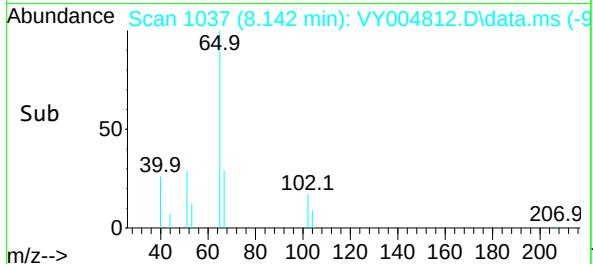
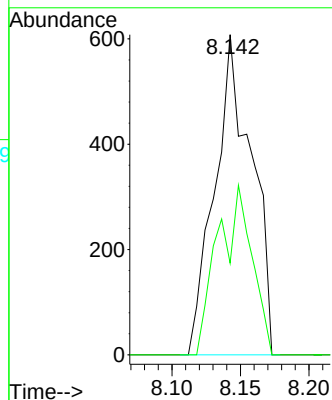
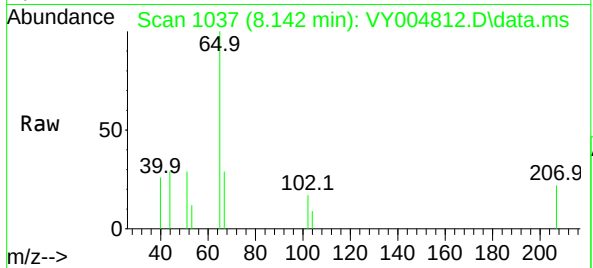




#33
1,2-Dichloroethane-d4
Concen: 47.99 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

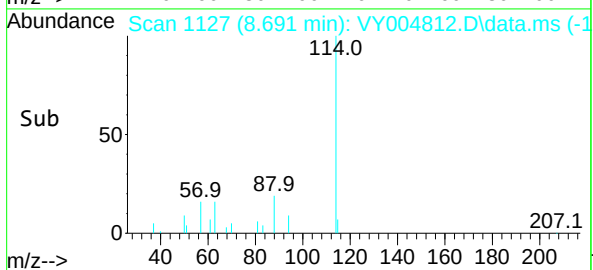
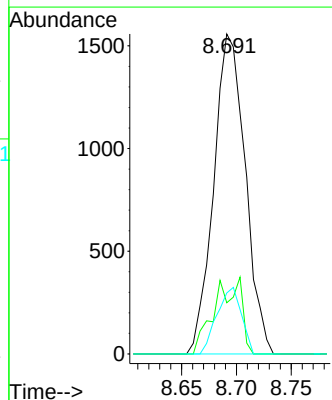
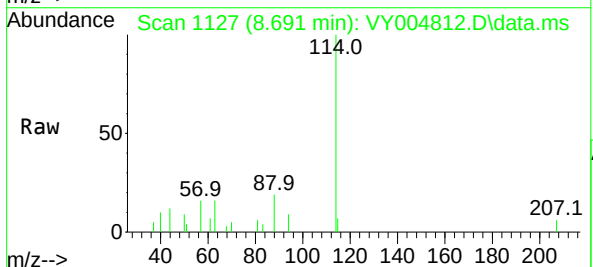
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-3.5-4.0

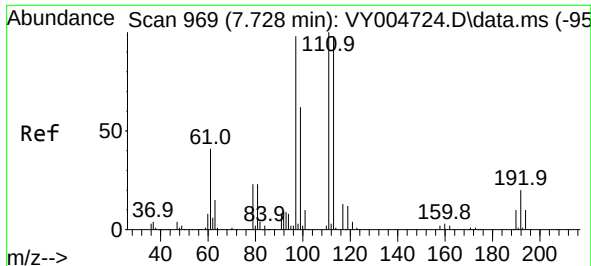
Tgt Ion: 65 Resp: 1138
Ion Ratio Lower Upper
65 100
67 49.3 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

Tgt Ion: 114 Resp: 3120
Ion Ratio Lower Upper
114 100
63 16.0 0.0 42.8
88 19.1 0.0 31.0

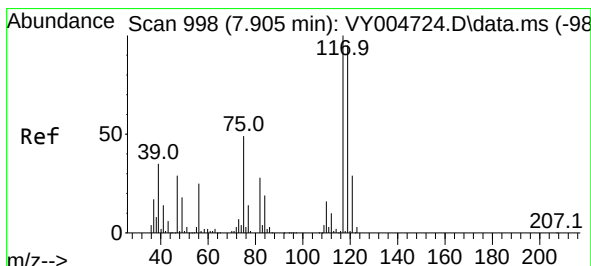
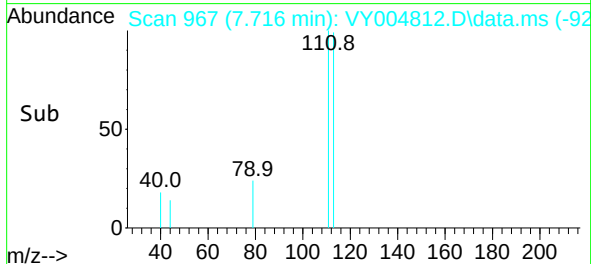
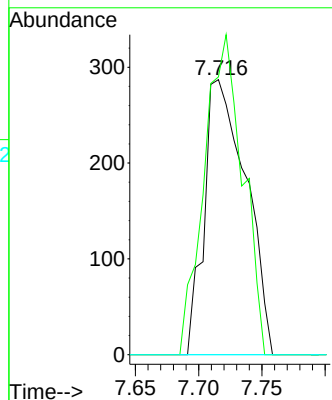
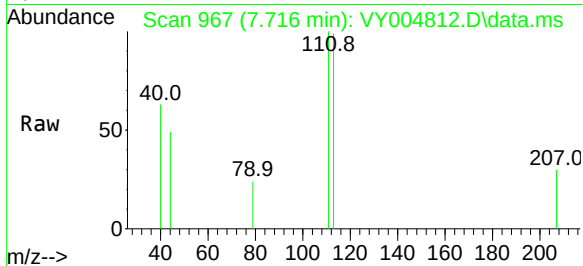




#35
 Dibromofluoromethane
 Concen: 38.58 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.012 min
 Lab File: VY004812.D
 Acq: 17 May 2021 18:25

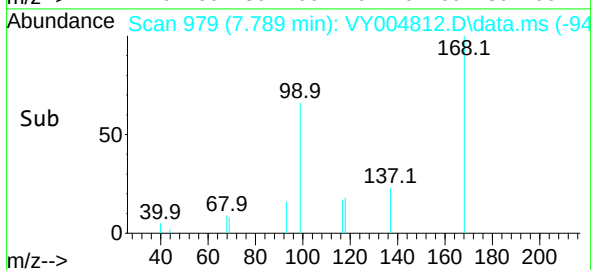
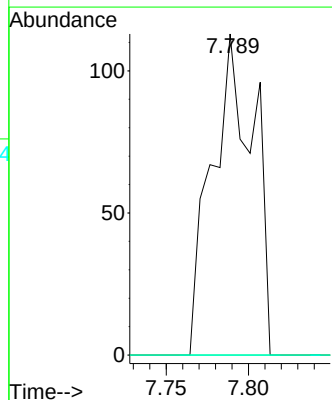
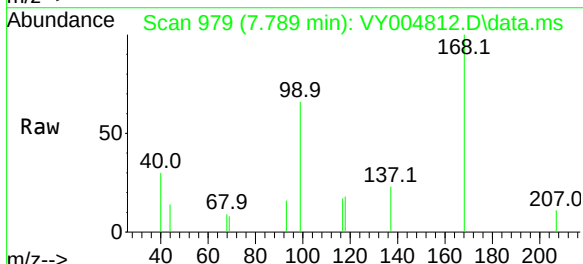
Instrument :
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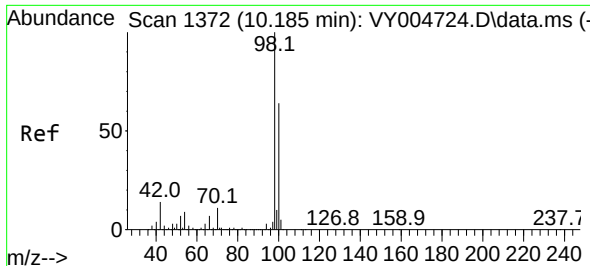
Tgt Ion:	113	Resp:	659
Ion	Ratio	Lower	Upper
113	100		
111	107.6	80.5	120.7
192	0.0	15.0	22.6#



#38
 Carbon Tetrachloride
 Concen: 6.92 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.116 min
 Lab File: VY004812.D
 Acq: 17 May 2021 18:25

Tgt Ion:	117	Resp:	199
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.3	114.5#
121	0.0	23.0	34.6#

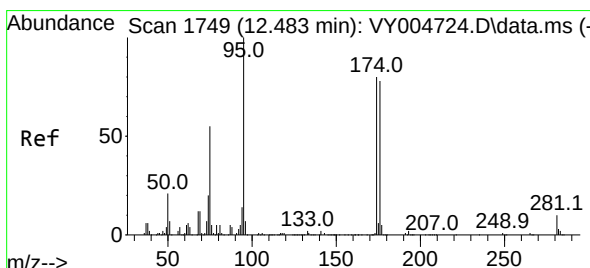
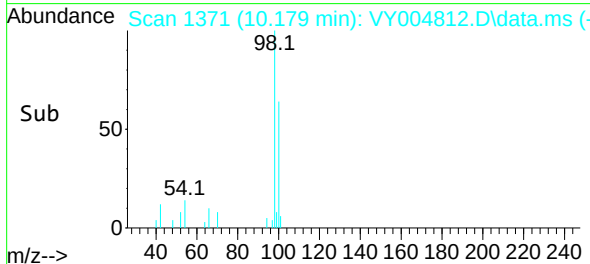
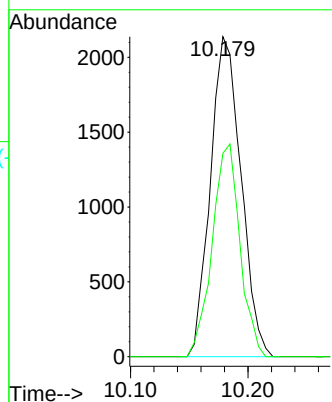
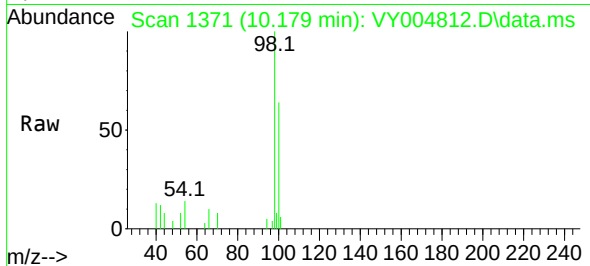




#50
Toluene-d8
Concen: 50.26 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

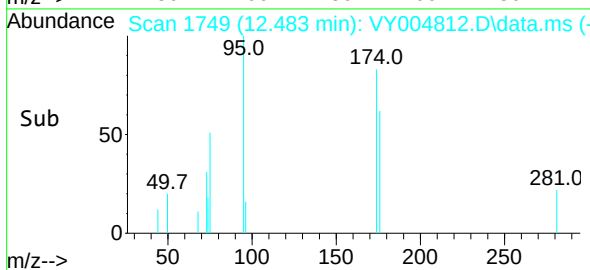
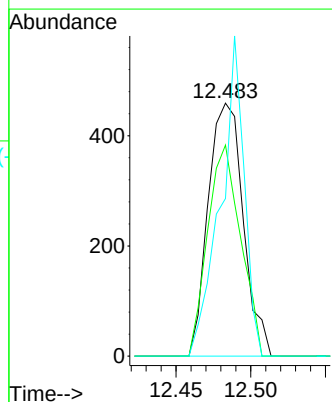
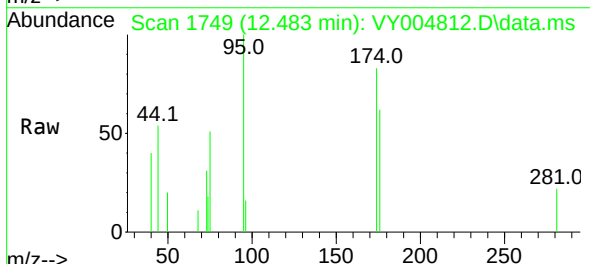
Instrument :
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ClientSampleId :
SB-08-3.5-4.0

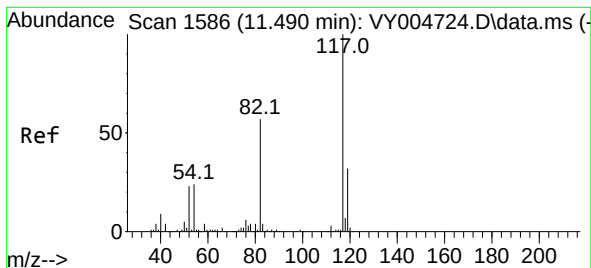
Tgt Ion: 98 Resp: 3878
Ion Ratio Lower Upper
98 100
100 60.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 28.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

Tgt Ion: 95 Resp: 748
Ion Ratio Lower Upper
95 100
174 78.3 0.0 164.2
176 85.4 0.0 159.0

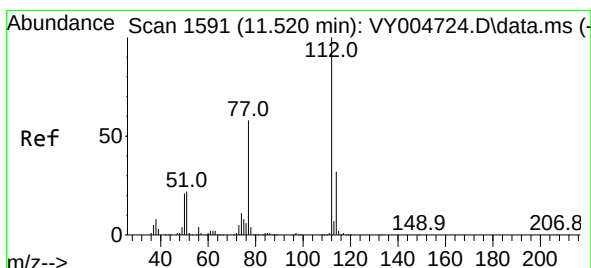
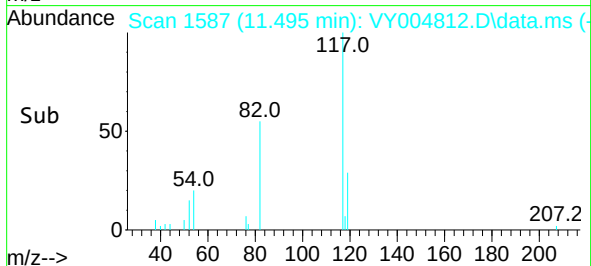
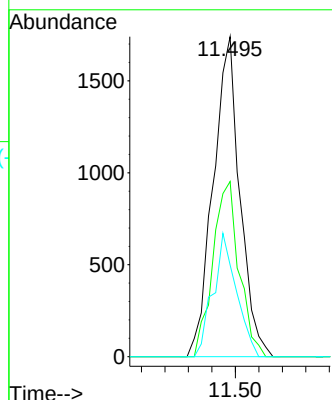
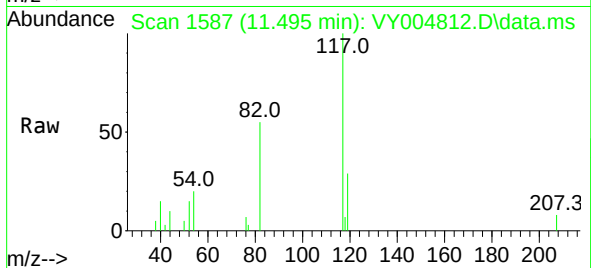




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

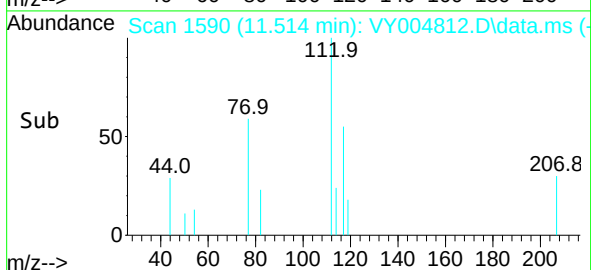
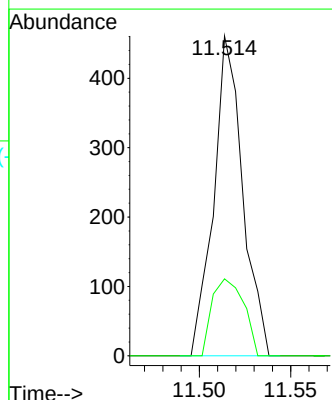
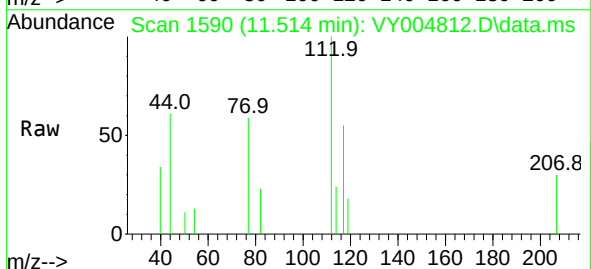
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-3.5-4.0

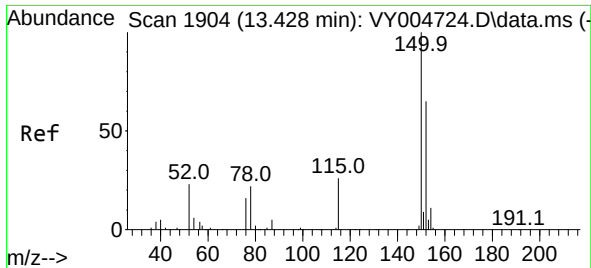
Tgt Ion:	117	Resp:	2743
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.4	68.2
119	28.7	25.8	38.6



#65
Chlorobenzene
Concen: 9.02 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY004812.D
Acq: 17 May 2021 18:25

Tgt Ion:	112	Resp:	509
Ion	Ratio	Lower	Upper
112	100		
114	24.1	25.4	38.2#

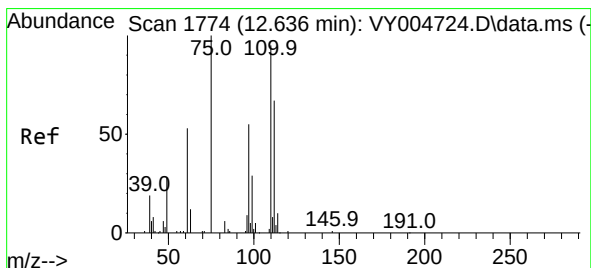
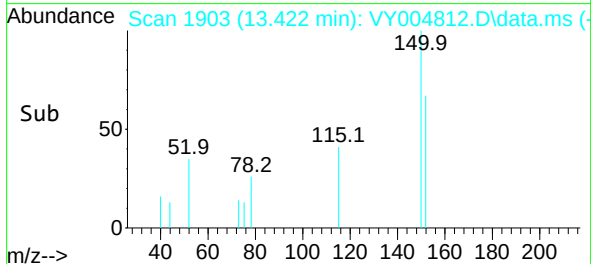
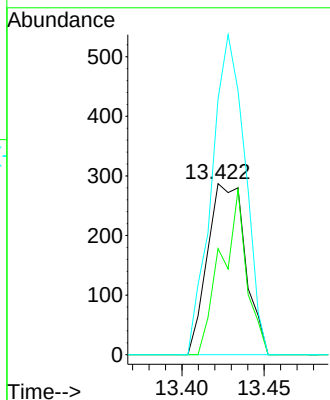
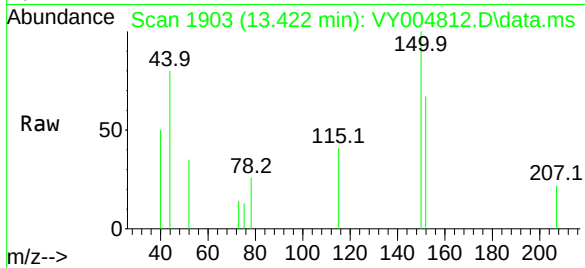




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY004812.D
 Acq: 17 May 2021 18:25

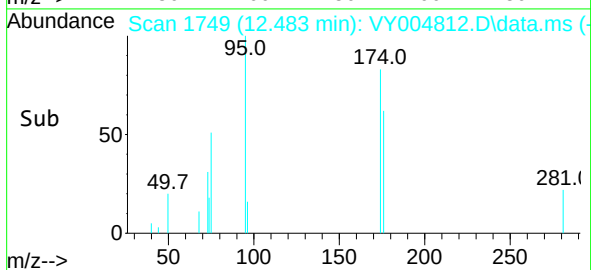
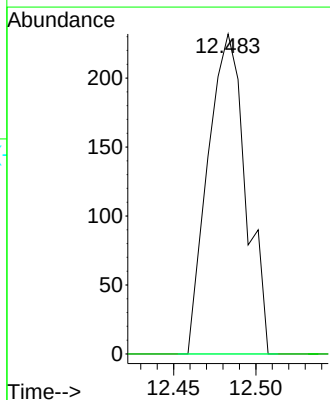
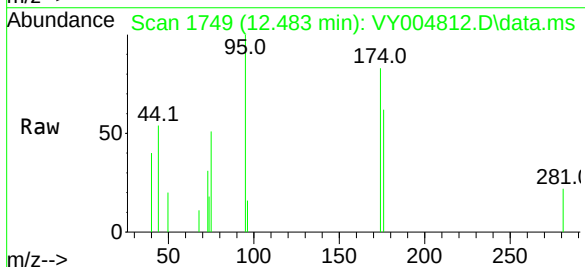
Instrument :
 MSVOA_Y
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 SB-08-3.5-4.0

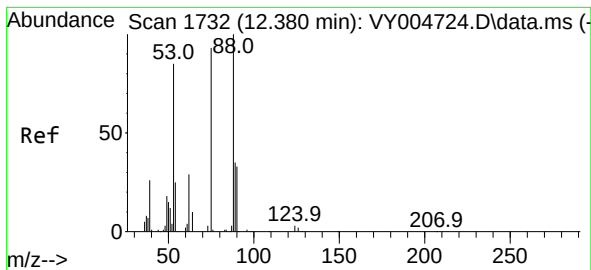
Tgt Ion:152 Resp: 460
 Ion Ratio Lower Upper
 152 100
 115 65.0 29.4 88.3
 150 165.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 76.14 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004812.D
 Acq: 17 May 2021 18:25

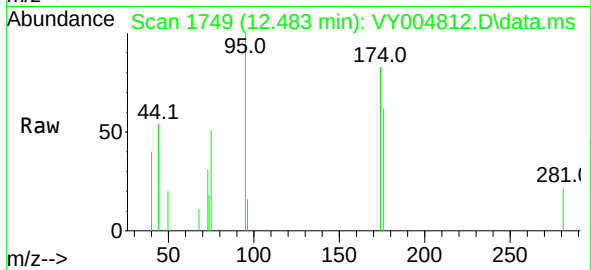
Tgt Ion: 75 Resp: 372
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.02 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004812.D
 Acq: 17 May 2021 18:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-3.5-4.0



Tgt Ion:	75	Resp:	372
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	35.5	53.3#

