

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005493.D
 Acq On : 28 Jul 2021 16:43
 Operator : SY/MD
 Sample : M3210-04
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(1.0-2.0)

Quant Time: Jul 29 05:33:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	4505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	8924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4478	93.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 186.080%#	
35) Dibromofluoromethane	7.728	113	2200	46.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.000%	
50) Toluene-d8	10.185	98	10609	52.905	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.483	95	3685	55.678	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.360%	

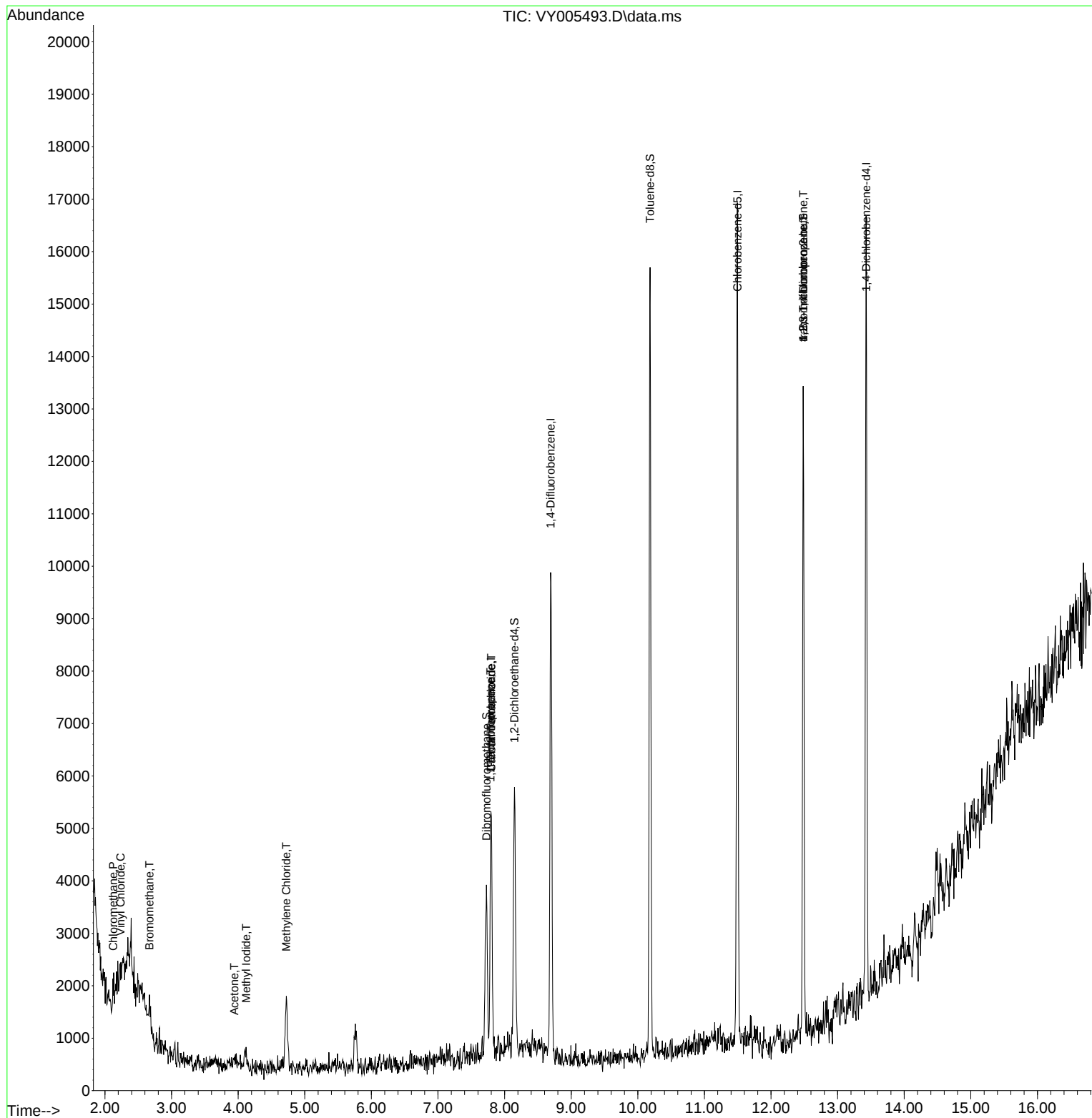
Target Compounds					Qvalue	
3) Chloromethane	2.125	50	202	4.040	ug/l #	42
4) Vinyl Chloride	2.235	62	169	2.839	ug/l #	43
5) Bromomethane	2.668	94	342	7.861	ug/l #	60
10) Methyl Iodide	4.119	142	488	10.163	ug/l #	84
16) Acetone	3.942	43	191	17.378	ug/l #	44
20) Methylene Chloride	4.722	84	905	13.432	ug/l #	83
36) 1,1-Dichloropropene	7.789	75	401	5.061	ug/l #	41
38) Carbon Tetrachloride	7.801	117	317	3.661	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1953	50.517	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1953	98.089	ug/l #	11

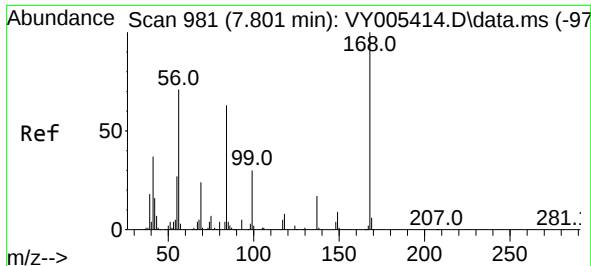
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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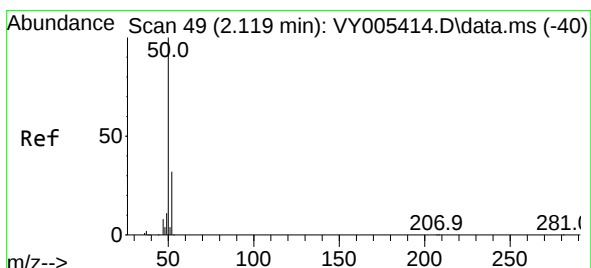
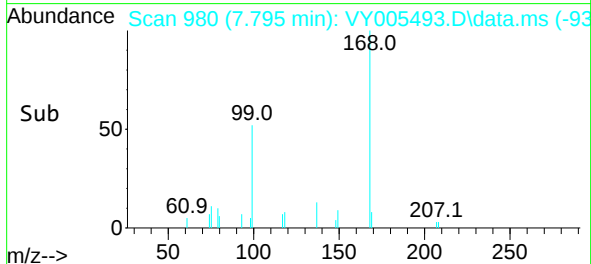
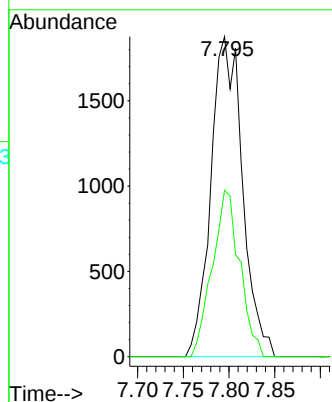
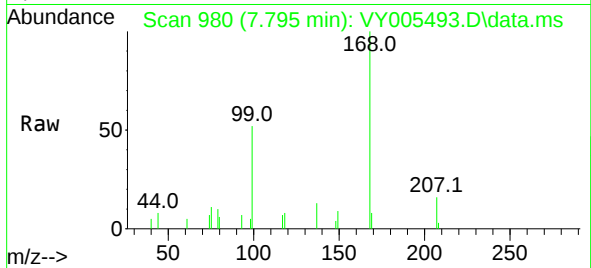




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

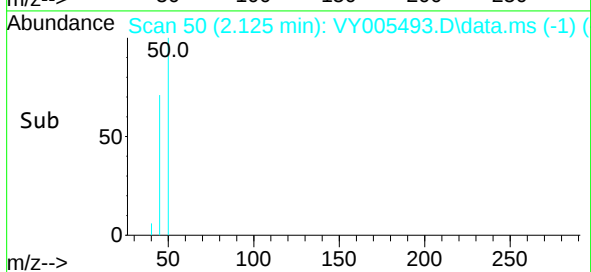
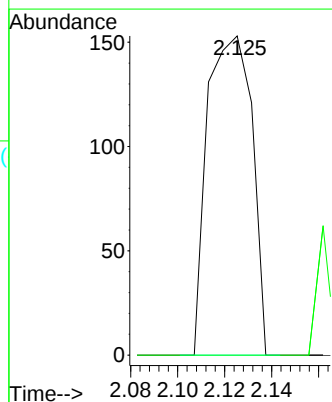
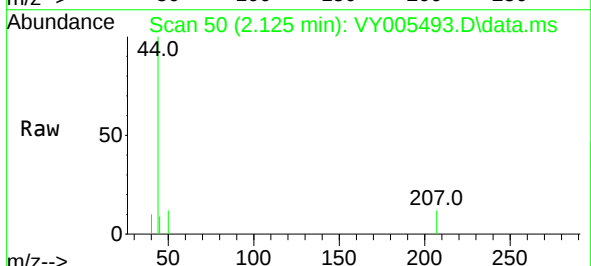
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.0-2.0)

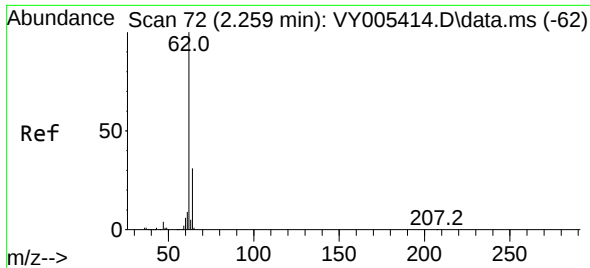
Tgt Ion:168 Resp: 4505
Ion Ratio Lower Upper
168 100
99 52.1 39.8 59.6



#3
Chloromethane
Concen: 4.040 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

Tgt Ion: 50 Resp: 202
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

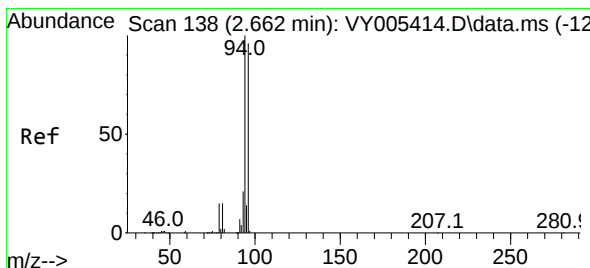
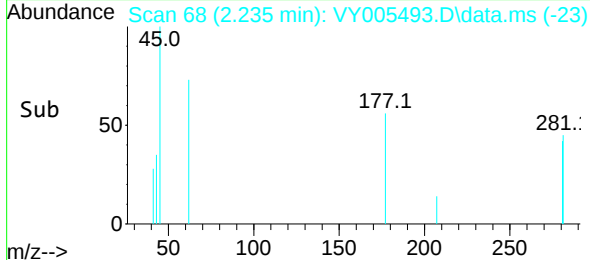
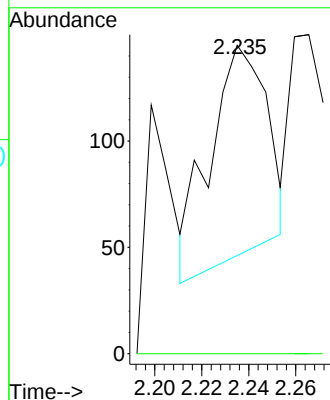
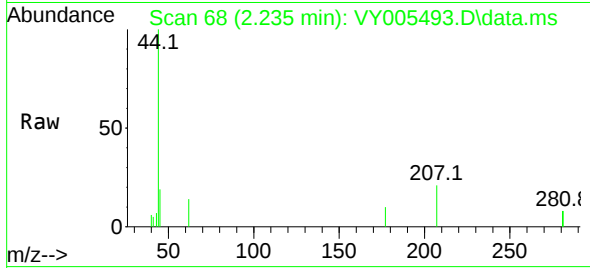




#4
 Vinyl Chloride
 Concen: 2.839 ug/l
 RT: 2.235 min Scan# 68
 Delta R.T. -0.024 min
 Lab File: VY005493.D
 Acq: 28 Jul 2021 16:43

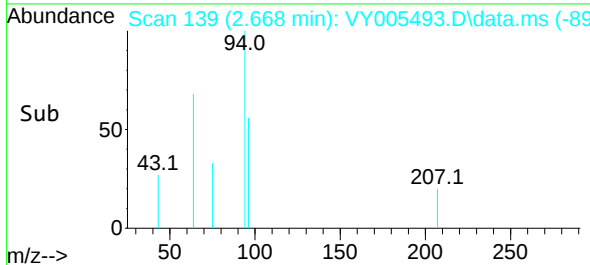
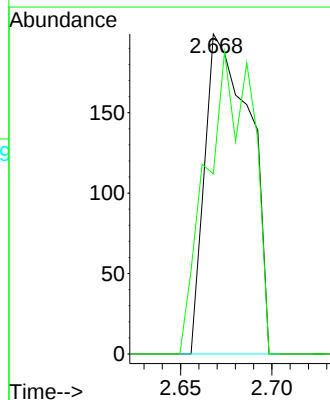
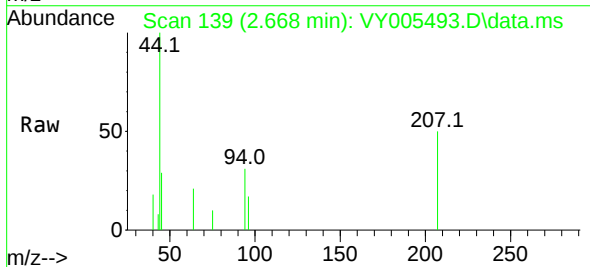
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(1.0-2.0)

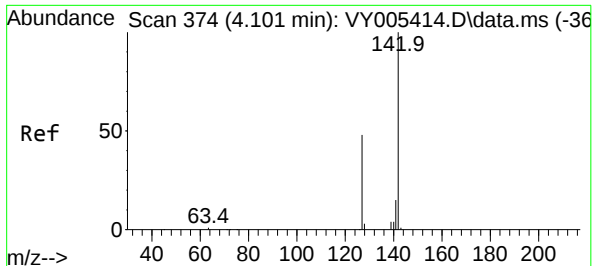
Tgt Ion: 62 Resp: 169
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.1 37.7#



#5
 Bromomethane
 Concen: 7.861 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY005493.D
 Acq: 28 Jul 2021 16:43

Tgt Ion: 94 Resp: 342
 Ion Ratio Lower Upper
 94 100
 96 56.3 76.6 115.0#





#10

Methyl Iodide

Concen: 10.163 ug/l

RT: 4.119 min Scan# 377

Delta R.T. 0.018 min

Lab File: VY005493.D

Acq: 28 Jul 2021 16:43

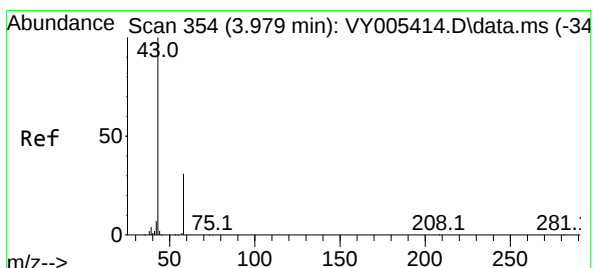
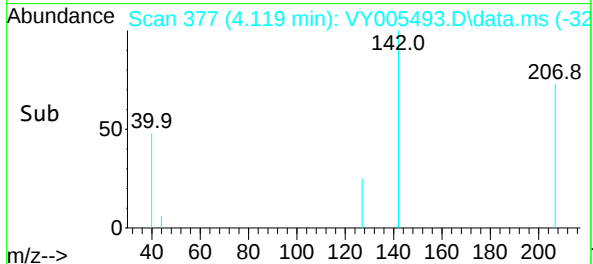
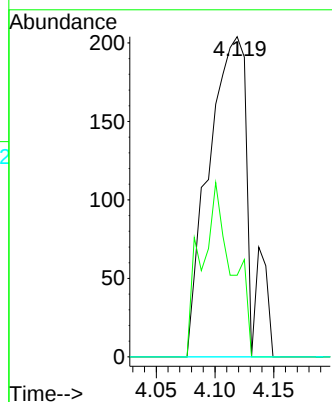
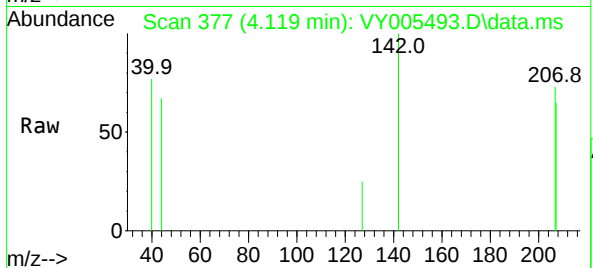
Instrument :

MSVOA_Y

ClientSampleId :

SB-4(1.0-2.0)

Tgt Ion:	142	Resp:	488
Ion	Ratio	Lower	Upper
142	100		
127	41.6	38.2	57.4
141	0.0	12.0	18.0#



#16

Acetone

Concen: 17.378 ug/l

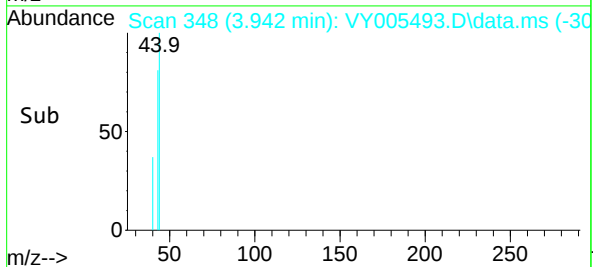
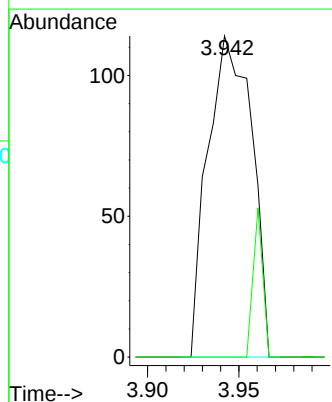
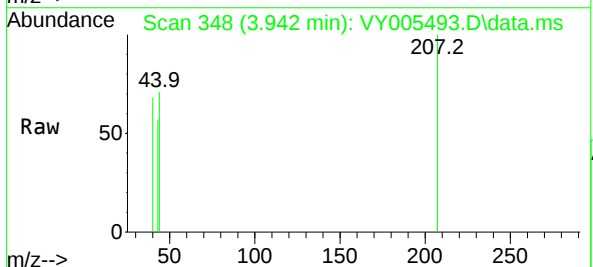
RT: 3.942 min Scan# 348

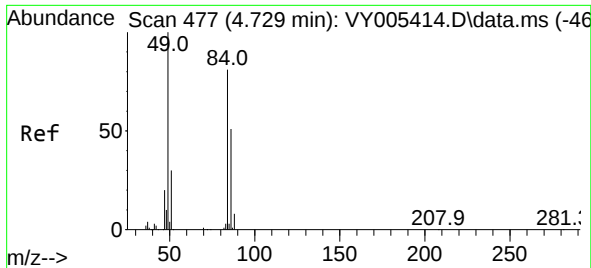
Delta R.T. -0.037 min

Lab File: VY005493.D

Acq: 28 Jul 2021 16:43

Tgt Ion:	43	Resp:	191
Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.5	36.7#

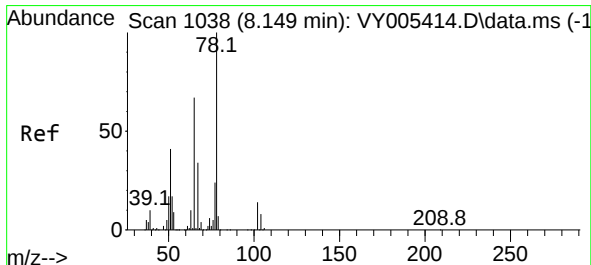
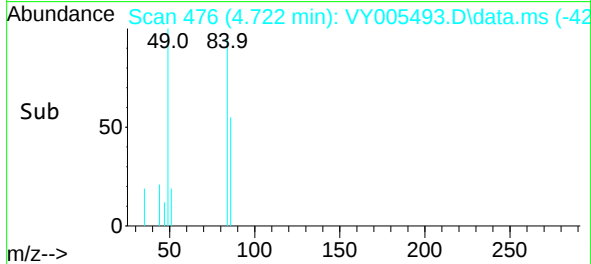
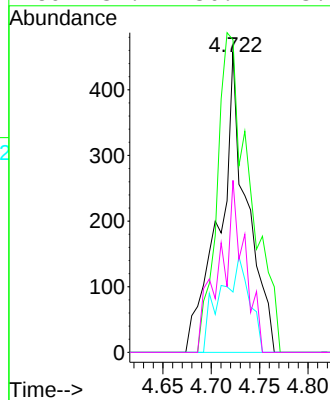
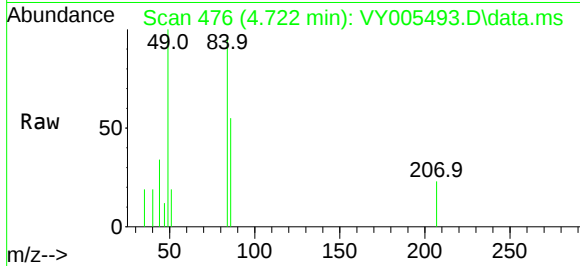




#20
Methylene Chloride
Concen: 13.432 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

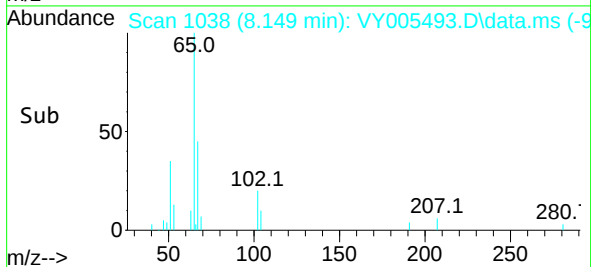
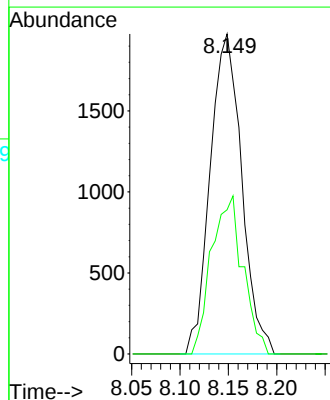
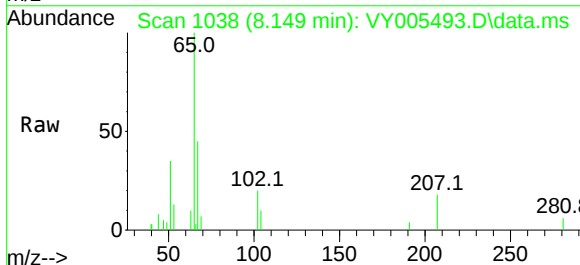
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.0-2.0)

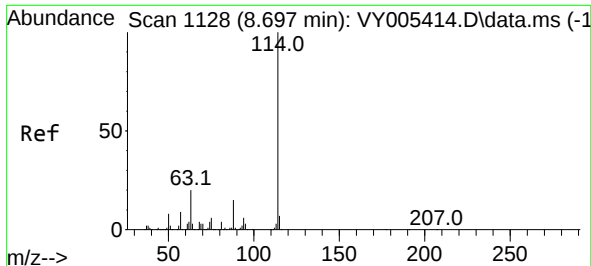
Tgt Ion:	84	Resp:	905
Ion	Ratio	Lower	Upper
84	100		
49	103.9	98.9	148.3
51	20.1	30.0	45.0#
86	57.2	50.4	75.6



#33
1,2-Dichloroethane-d4
Concen: 93.042 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

Tgt Ion:	65	Resp:	4478
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	102.2

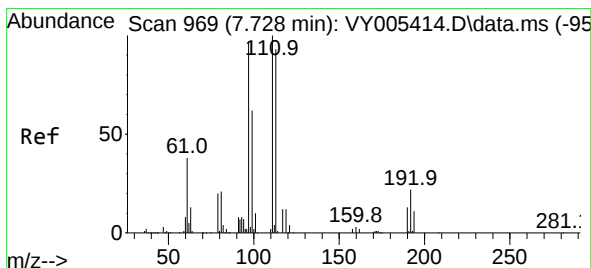
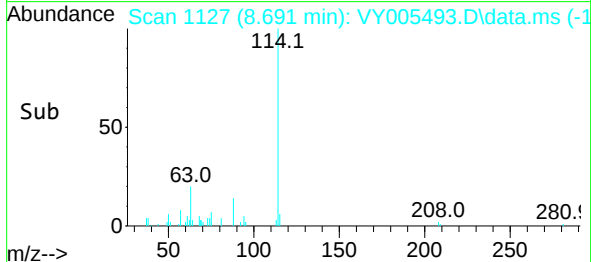
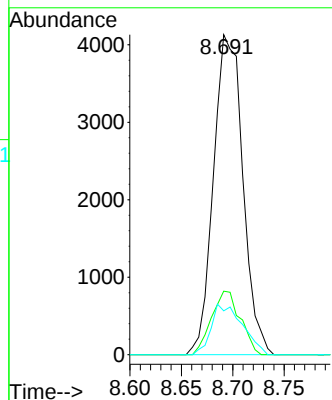
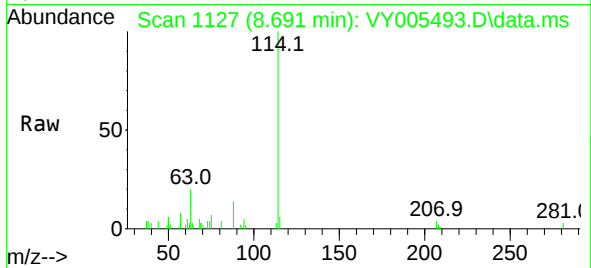




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

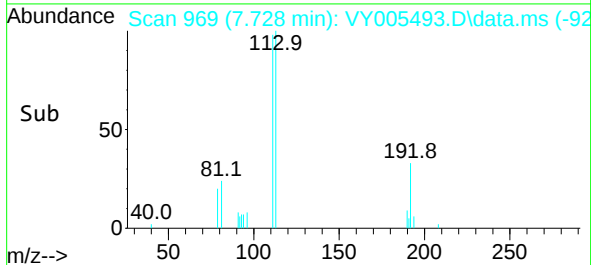
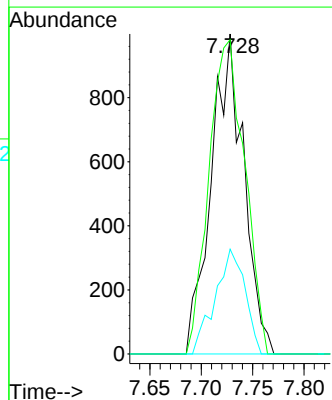
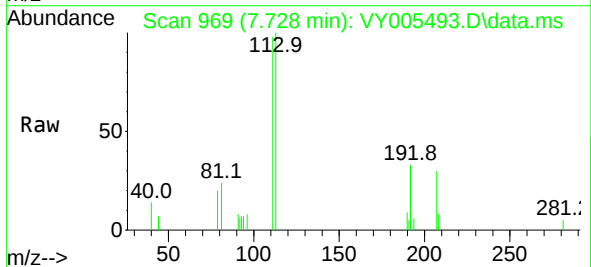
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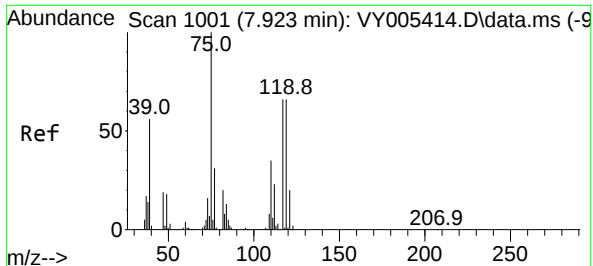
Tgt Ion:	114	Resp:	8194
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	39.0
88	13.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 46.499 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

Tgt Ion:	113	Resp:	2200
Ion Ratio	Lower	Upper	
113	100		
111	107.9	82.6	124.0
192	30.1	18.9	28.3

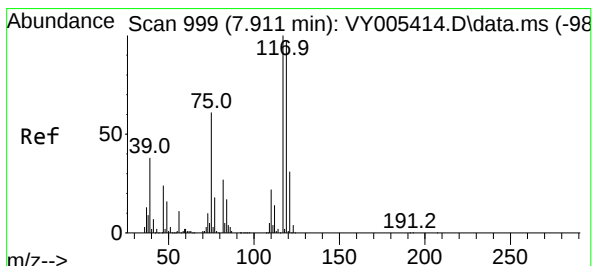
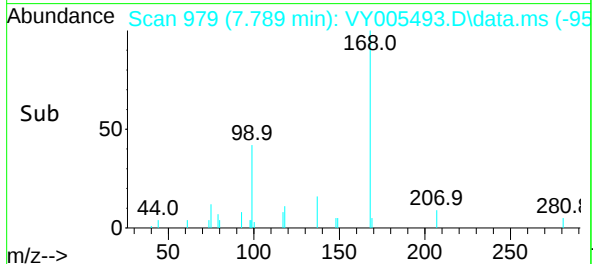
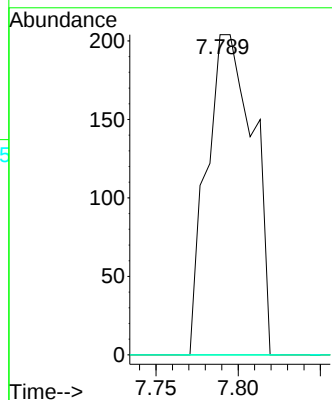
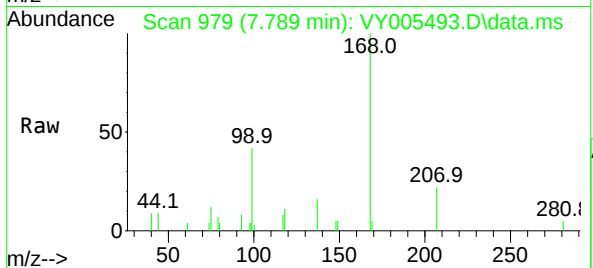




#36
 1,1-Dichloropropene
 Concen: 5.061 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.134 min
 Lab File: VY005493.D
 Acq: 28 Jul 2021 16:43

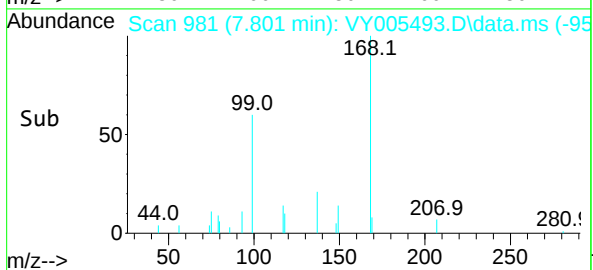
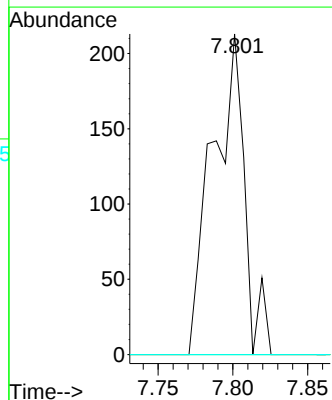
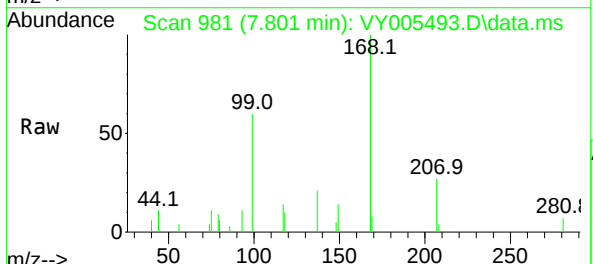
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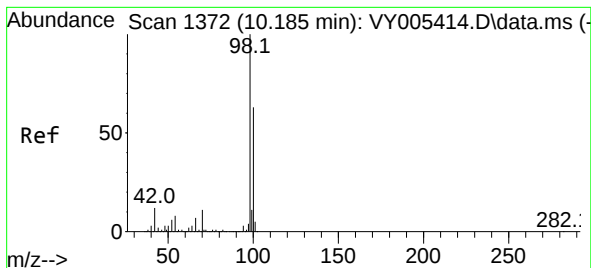
Tgt Ion: 75 Resp: 401
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.6 52.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 3.661 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005493.D
 Acq: 28 Jul 2021 16:43

Tgt Ion: 117 Resp: 317
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.2 115.8#
 121 0.0 25.1 37.7#

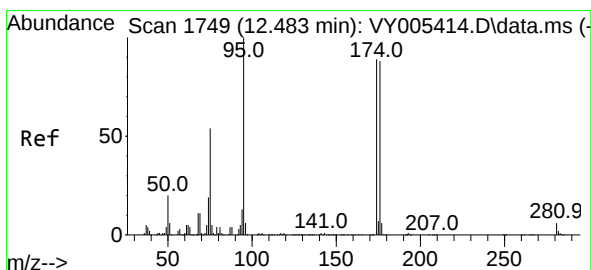
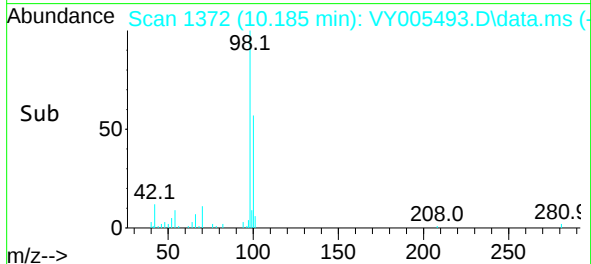
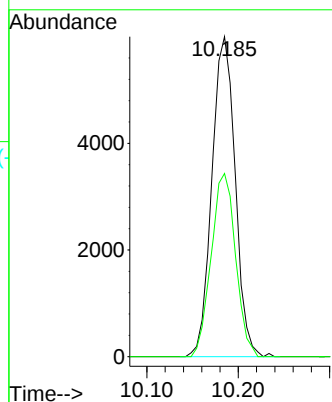
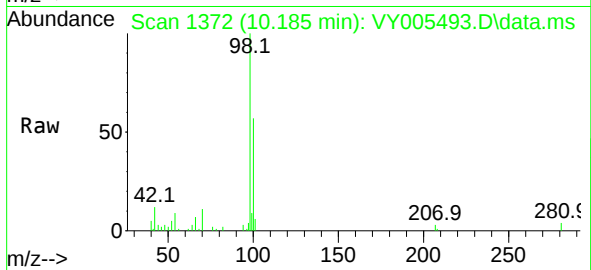




#50
Toluene-d8
Concen: 52.905 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

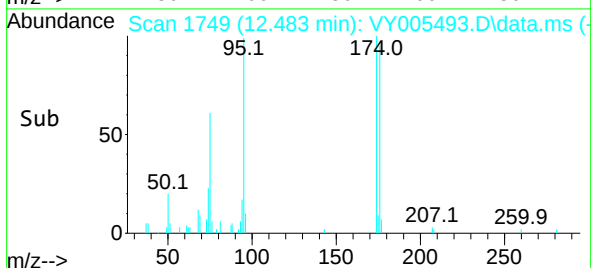
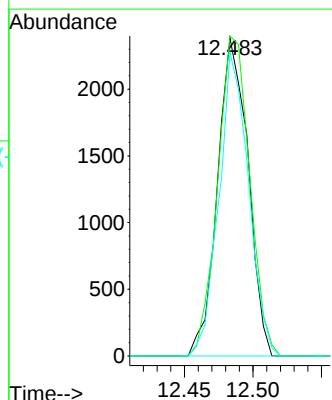
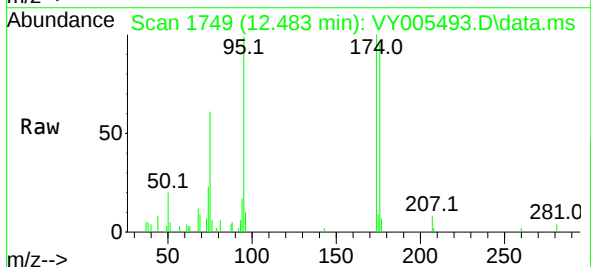
Instrument :
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SB-4(1.0-2.0)

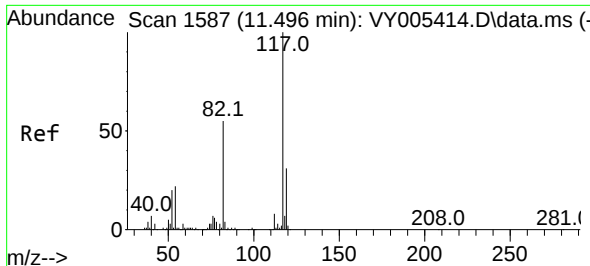
Tgt Ion: 98 Resp: 10609
Ion Ratio Lower Upper
98 100
100 59.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.678 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

Tgt Ion: 95 Resp: 3685
Ion Ratio Lower Upper
95 100
174 105.7 0.0 186.6
176 92.6 0.0 182.4

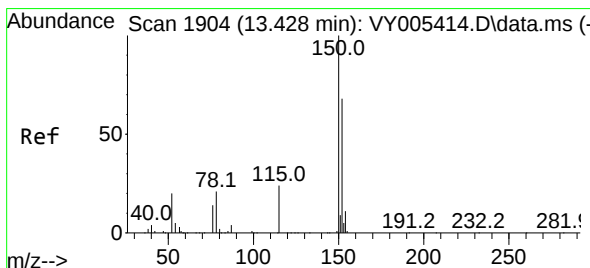
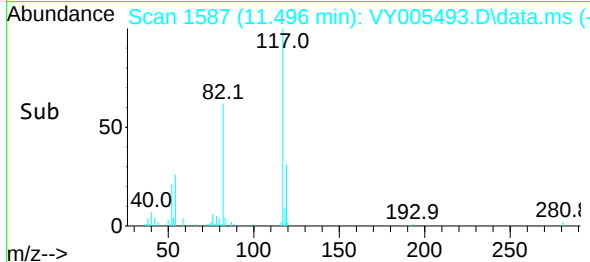
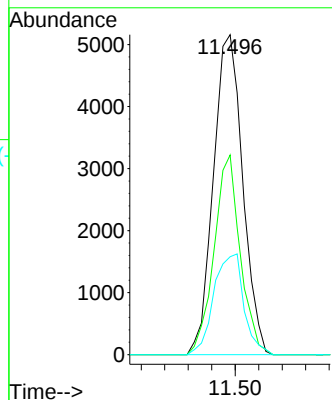
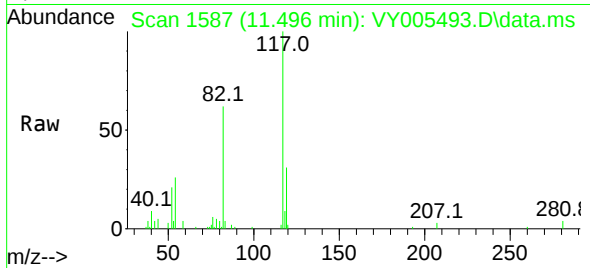




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

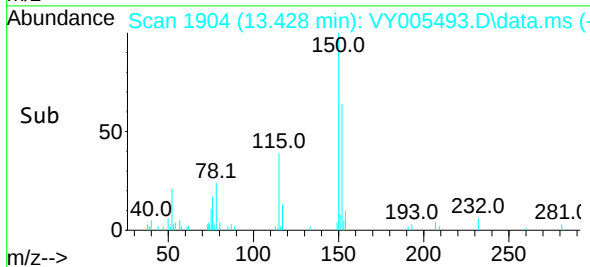
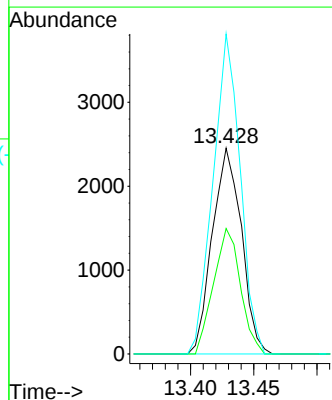
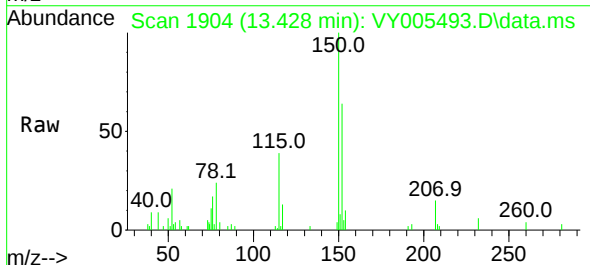
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.0-2.0)

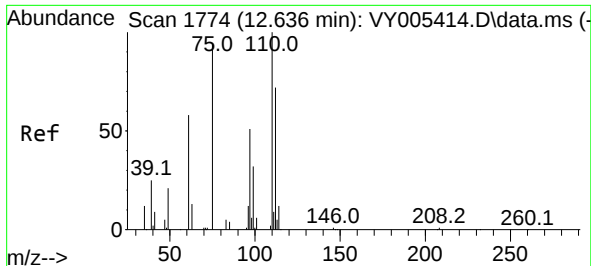
Tgt Ion:	117	Resp:	8924
Ion	Ratio	Lower	Upper
117	100		
82	62.4	43.8	65.6
119	30.6	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

Tgt Ion:	152	Resp:	3929
Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.7	83.1
150	144.9	0.0	349.6

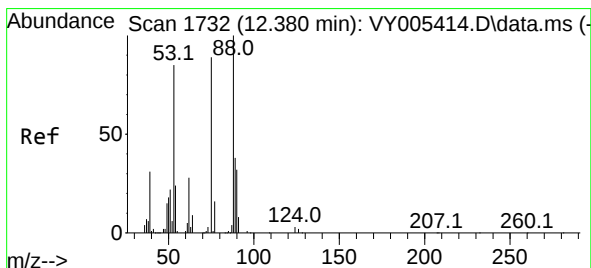
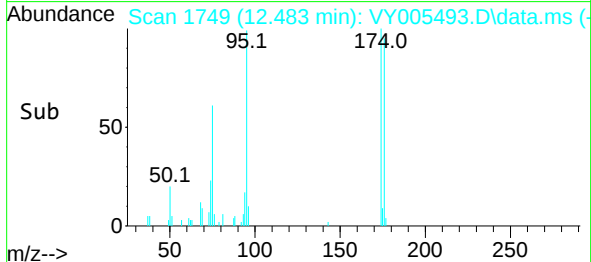
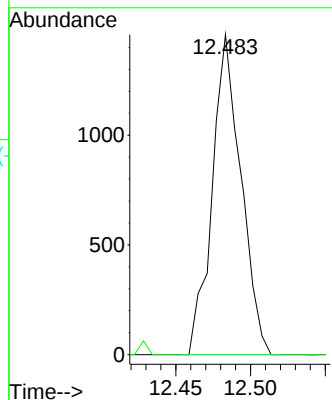
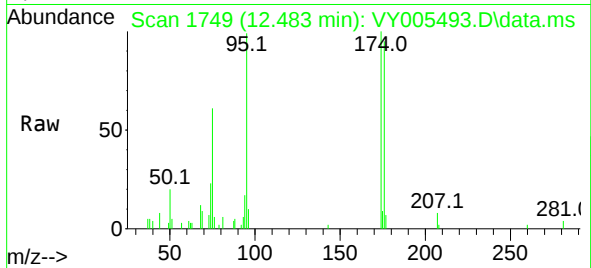




#76
1,2,3-Trichloropropane
Concen: 50.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.0-2.0)

Tgt Ion: 75 Resp: 1953
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 98.089 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005493.D
Acq: 28 Jul 2021 16:43

Tgt Ion: 75 Resp: 1953
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#

