

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005457.D
 Acq On : 26 Jul 2021 20:04
 Operator : SY/MD
 Sample : M3152-07
 Misc : 7.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:13:29 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)

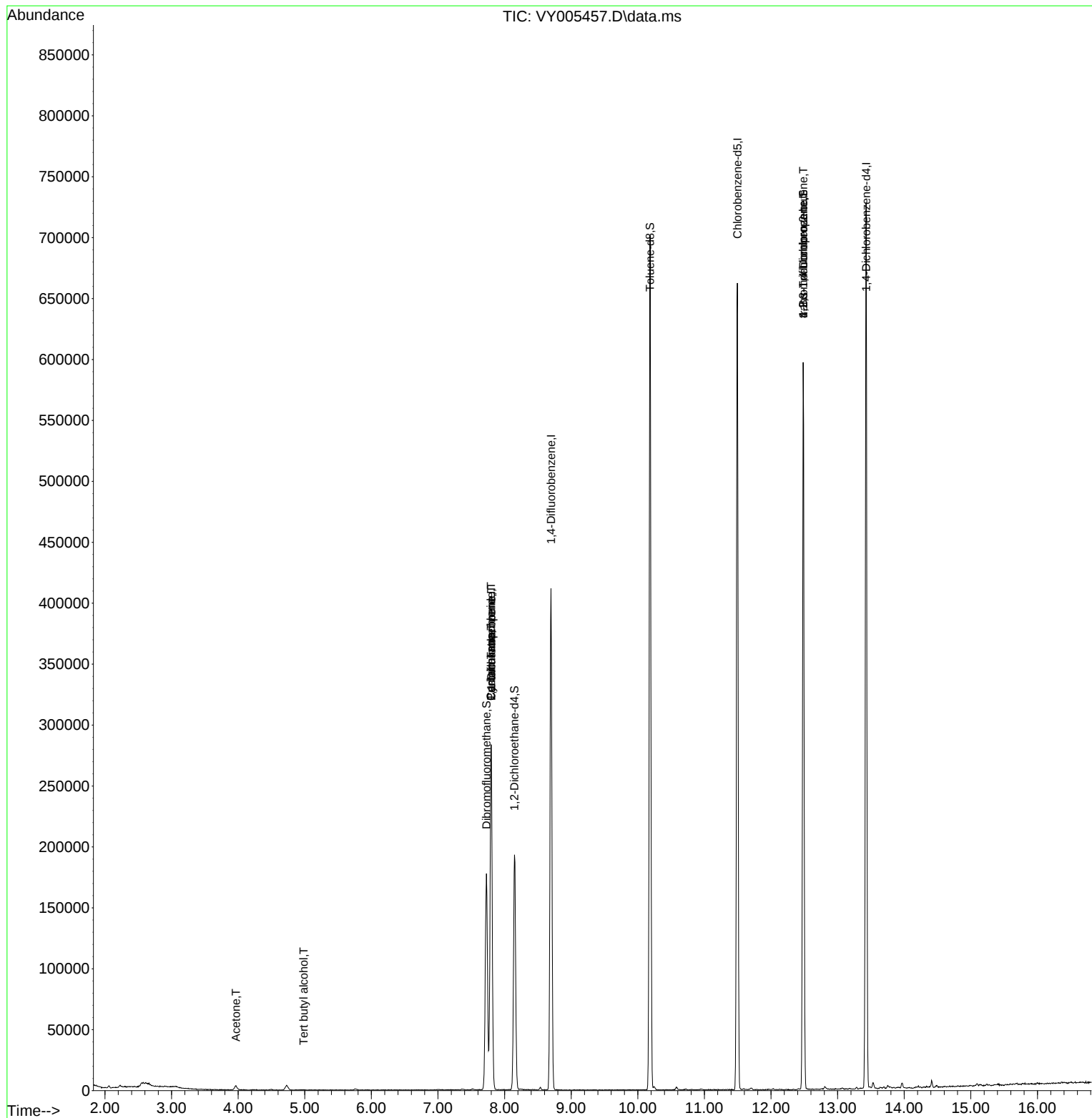
Internal Standards						
1) Pentafluorobenzene	7.801	168	227843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	345392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	355990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155687	63.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.920%	
35) Dibromofluoromethane	7.728	113	121670	61.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.020%	
50) Toluene-d8	10.185	98	440429	52.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.483	95	159328	57.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.984	59	741	3.223	ug/l #	90
16) Acetone	3.966	43	6063	10.907	ug/l	97
20) Methylene Chloride	4.728	84	2871	Below Cal		96
31) Cyclohexane	7.795	56	4384	1.055	ug/l #	15
36) 1,1-Dichloropropene	7.801	75	16348	4.895	ug/l #	50
38) Carbon Tetrachloride	7.795	117	21468	5.883	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	88215	48.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88215	93.583	ug/l #	11

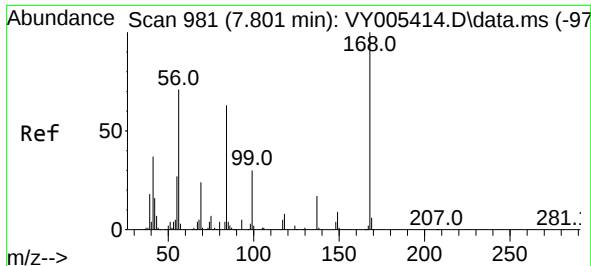
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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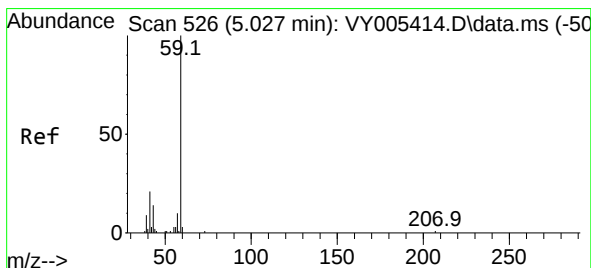
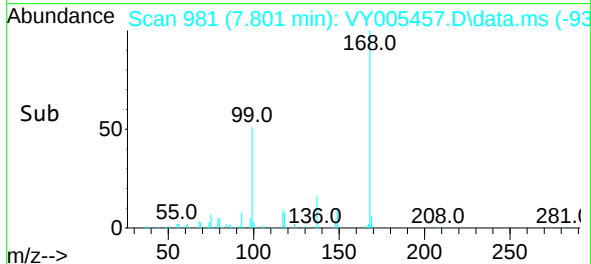
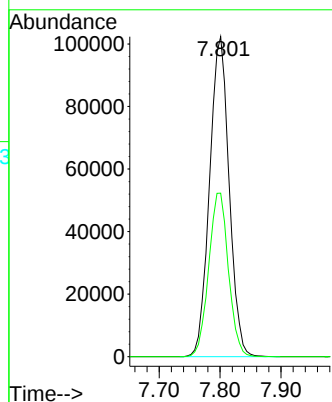
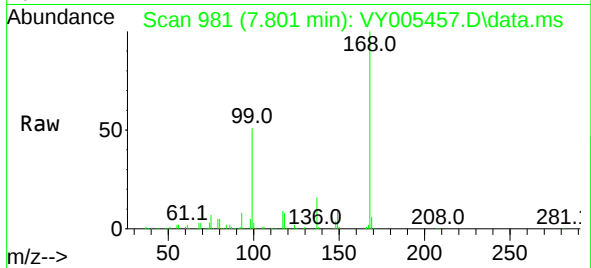




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

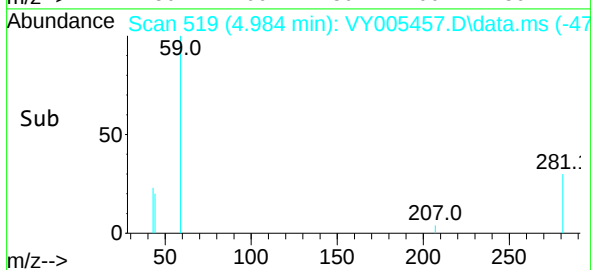
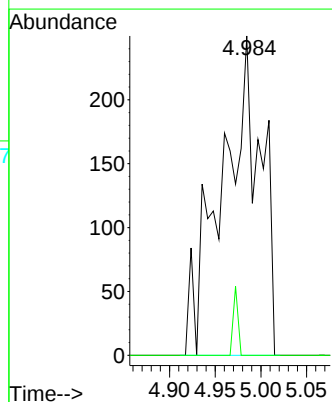
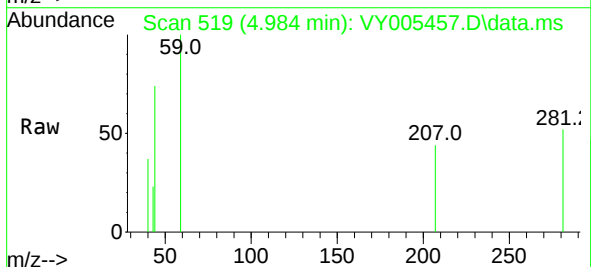
Instrument :
MSVOA_Y
ClientSampleId :

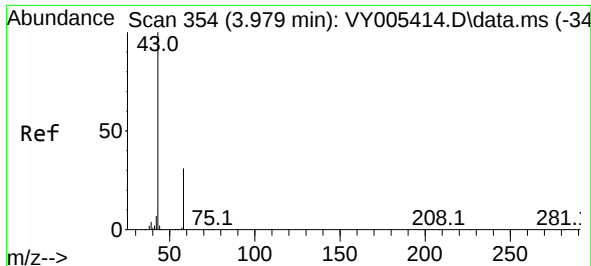
Tgt Ion:168 Resp: 227843
Ion Ratio Lower Upper
168 100
99 51.1 39.8 59.6



#11
Tert butyl alcohol
Concen: 3.223 ug/l
RT: 4.984 min Scan# 519
Delta R.T. -0.043 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

Tgt Ion: 59 Resp: 741
Ion Ratio Lower Upper
59 100
57 2.7 4.7 7.1#

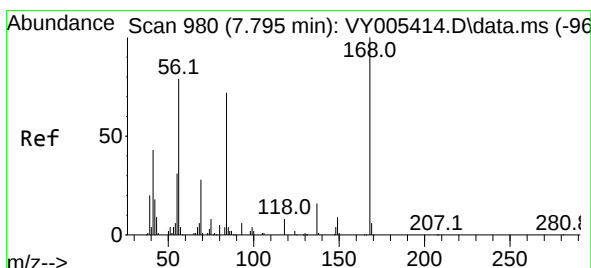
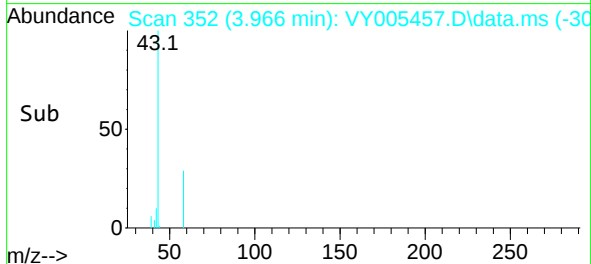
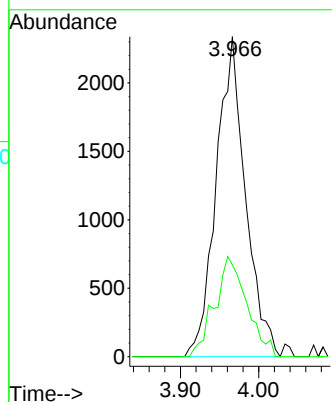
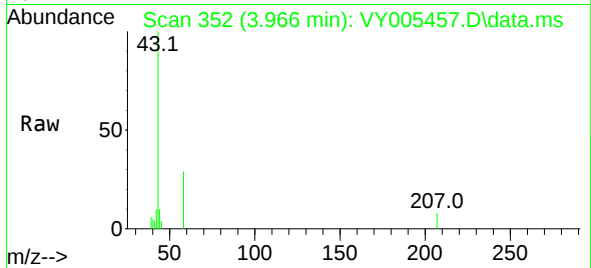




#16
Acetone
Concen: 10.907 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

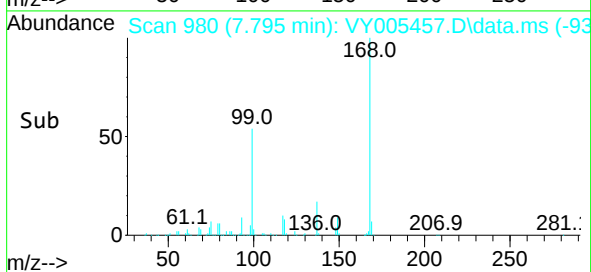
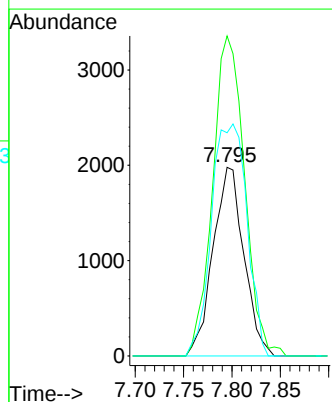
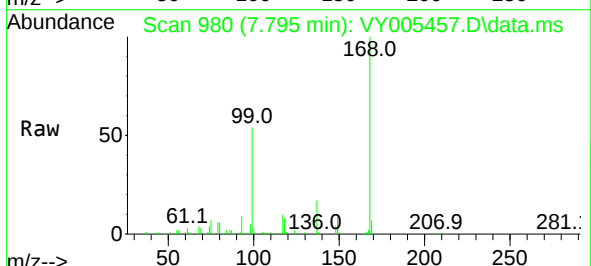
Instrument :
MSVOA_Y
ClientSampled :

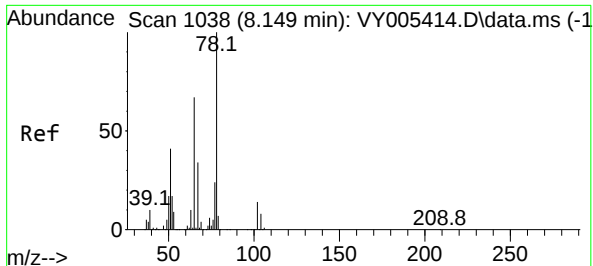
Tgt Ion: 43 Resp: 6063
Ion Ratio Lower Upper
43 100
58 28.7 24.5 36.7



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

Tgt Ion: 56 Resp: 4384
Ion Ratio Lower Upper
56 100
69 169.6 28.7 43.1#
84 118.3 73.0 109.6#

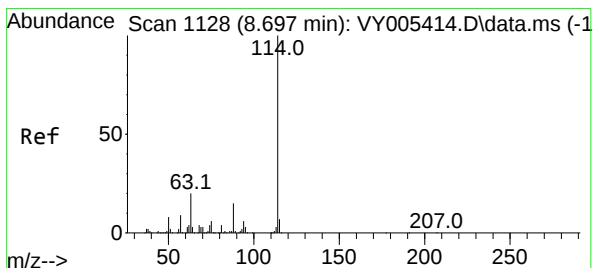
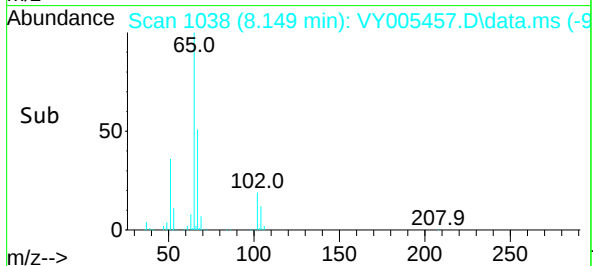
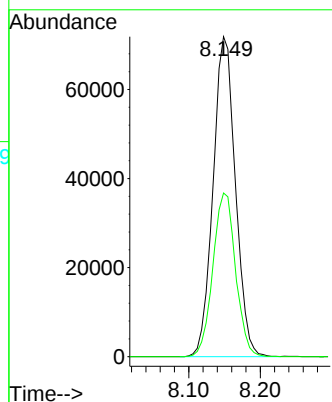
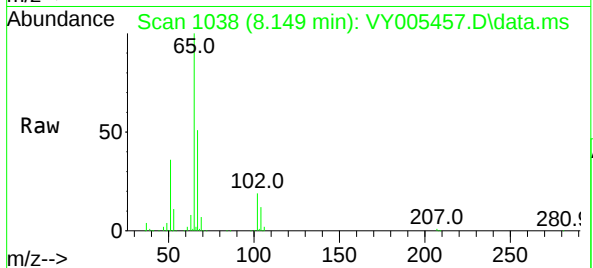




#33
1,2-Dichloroethane-d4
Concen: 63.960 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

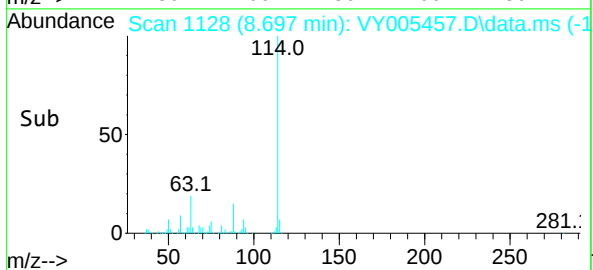
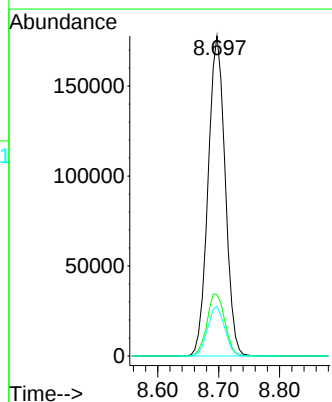
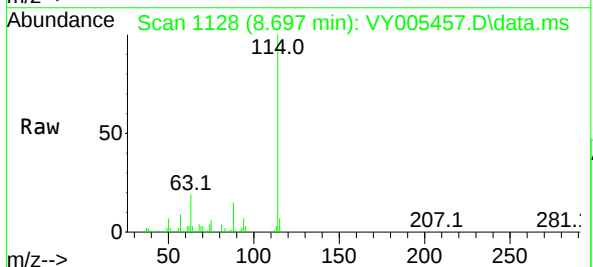
Instrument :
MSVOA_Y
ClientSampleId :

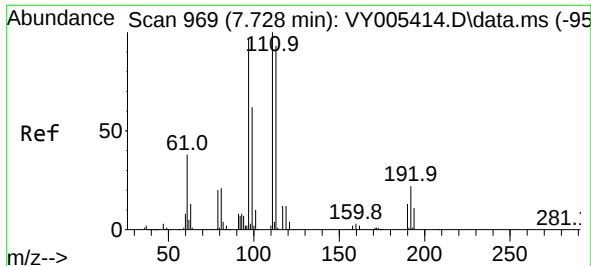
Tgt Ion: 65 Resp: 155687
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

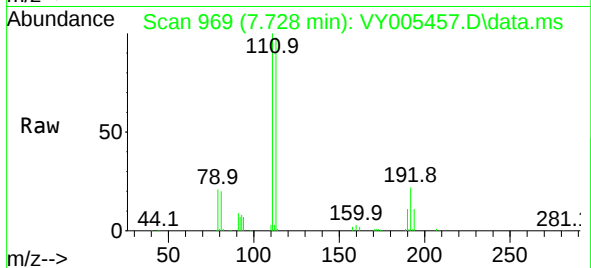
Tgt Ion:114 Resp: 345392
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.0
88 15.5 0.0 30.8



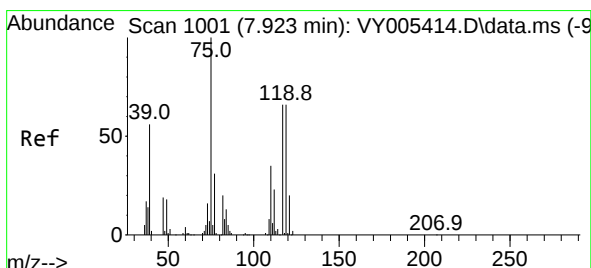
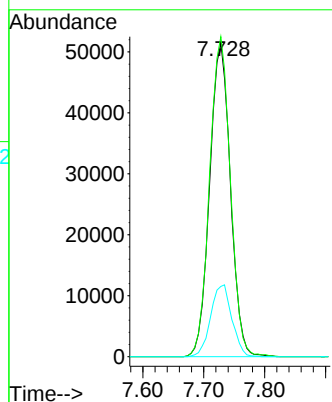
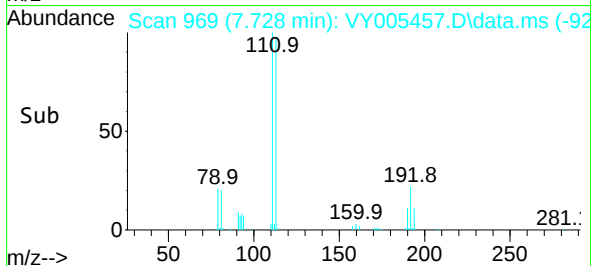


#35
Dibromofluoromethane
Concen: 61.008 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

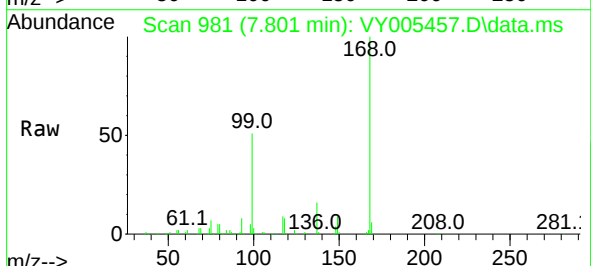
Instrument :
MSVOA_Y
ClientSampleId :



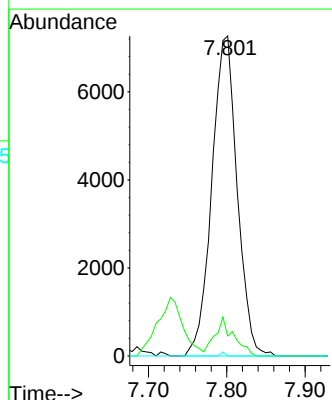
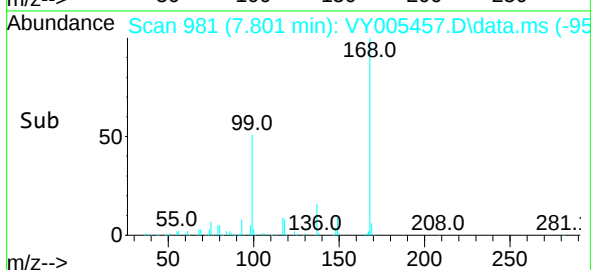
Tgt Ion:113 Resp: 121670
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 23.4 18.9 28.3

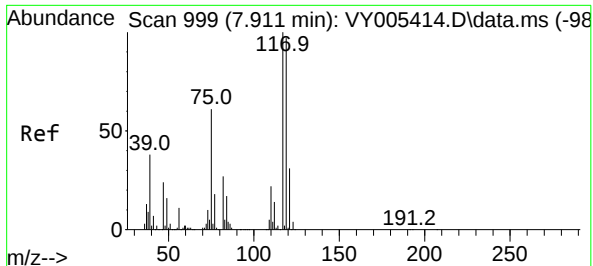


#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04



Tgt Ion: 75 Resp: 16348
Ion Ratio Lower Upper
75 100
110 9.0 17.6 52.9#
77 0.2 24.6 37.0#

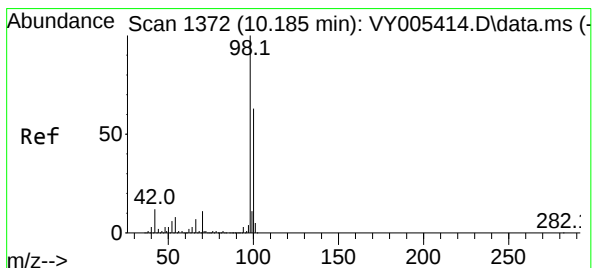
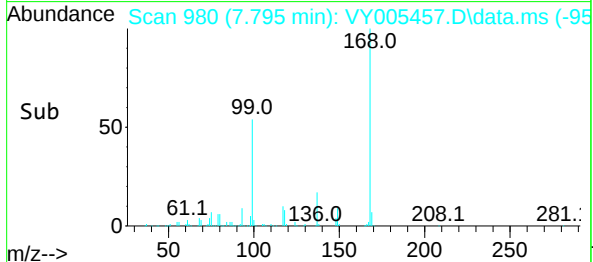
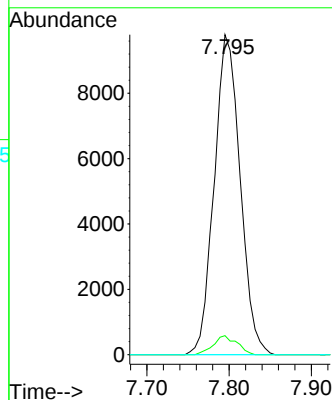
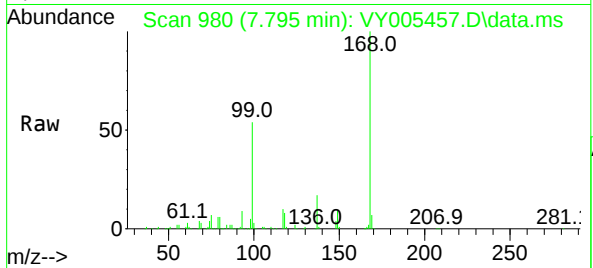




#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

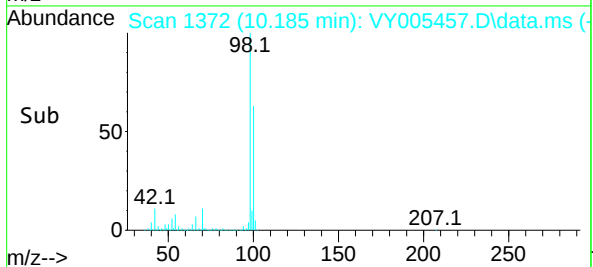
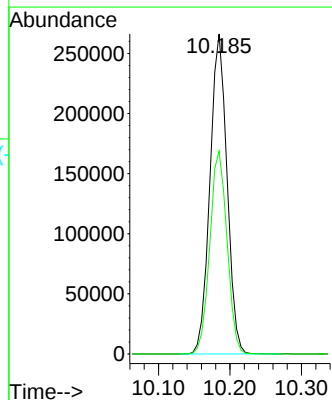
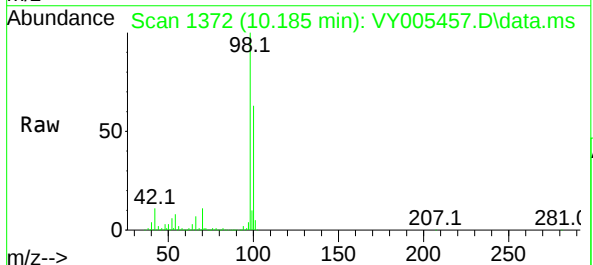
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ClientSampleId :

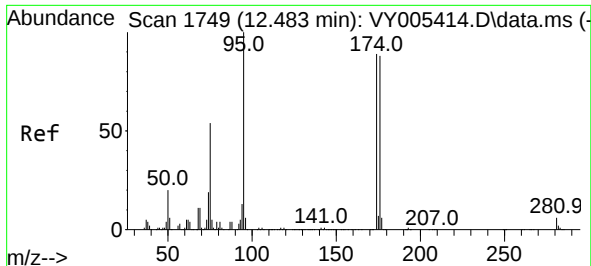
Tgt Ion:117 Resp: 21468
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.105 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

Tgt Ion: 98 Resp: 440429
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

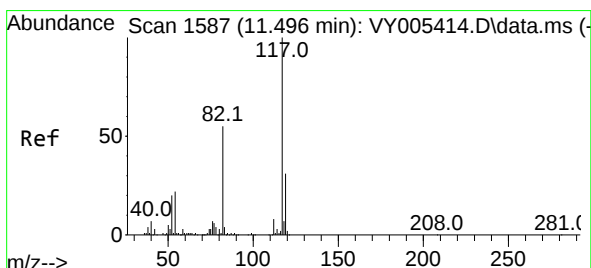
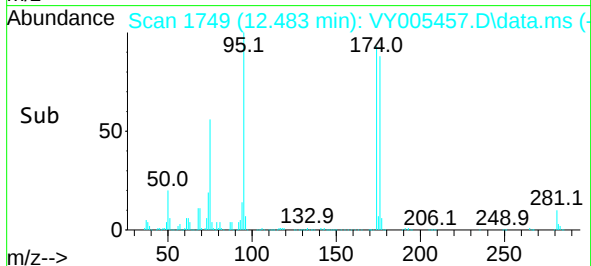
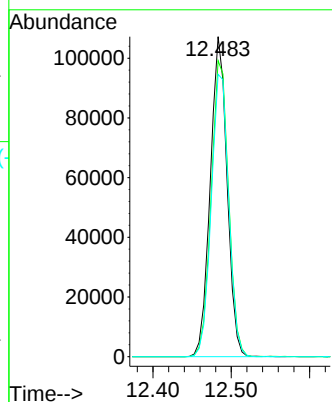
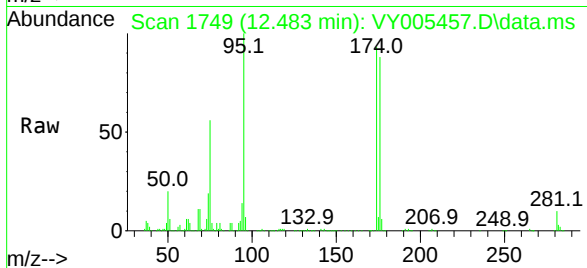




#62
4-Bromofluorobenzene
Concen: 57.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

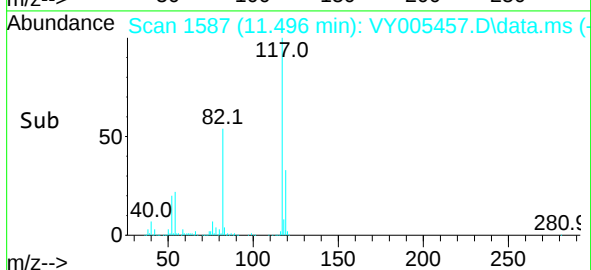
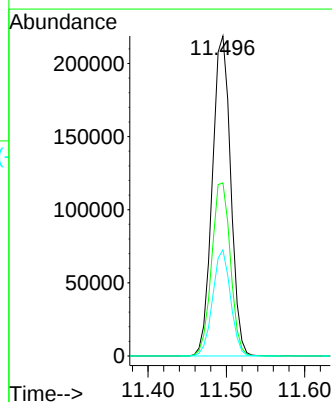
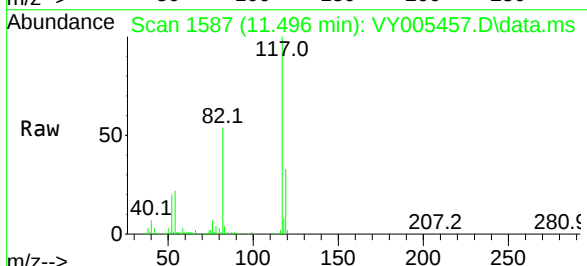
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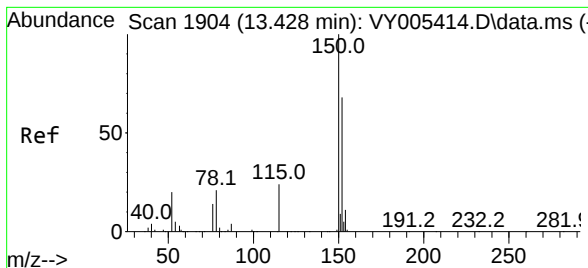
Tgt Ion:	95	Resp:	159328
Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	186.6
176	91.8	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005457.D
Acq: 26 Jul 2021 20:04

Tgt Ion:	117	Resp:	355990
Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	33.2	24.8	37.2

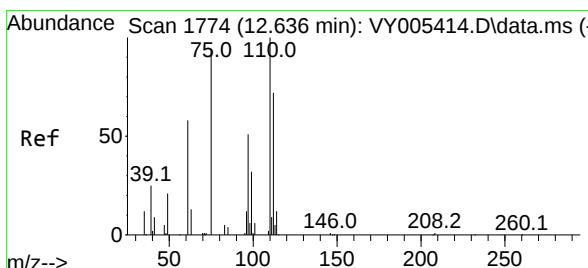
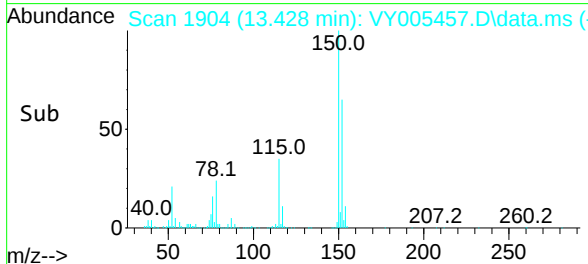
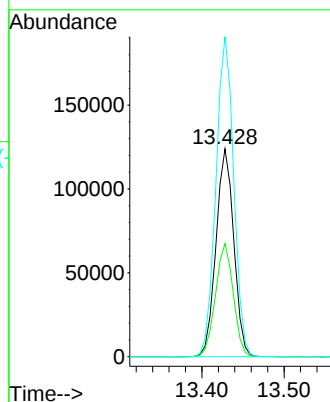
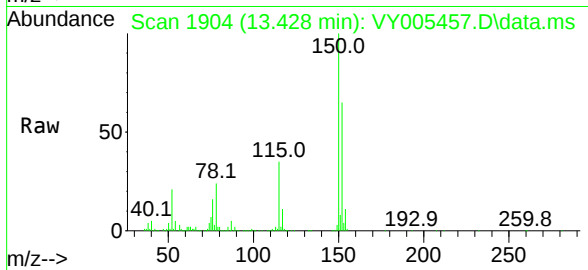




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005457.D
 Acq: 26 Jul 2021 20:04

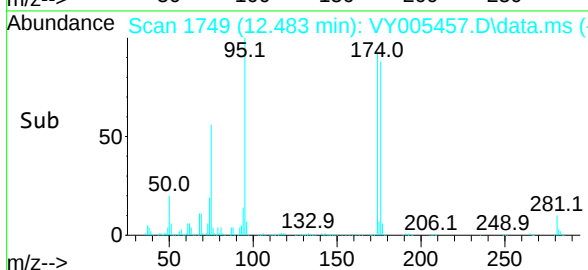
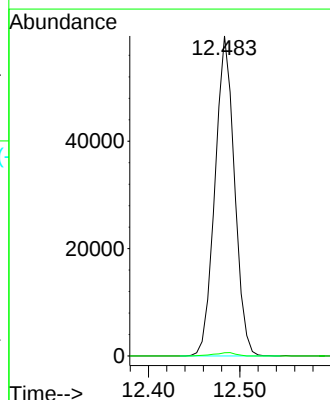
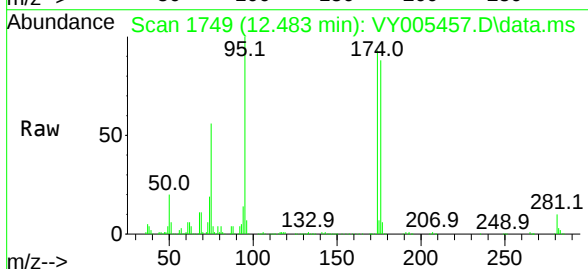
Instrument :
 MSVOA_Y
 ClientSampleId :

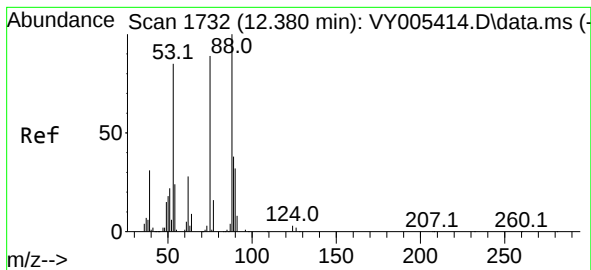
Tgt Ion:152 Resp: 186014
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.7 83.1
 150 154.4 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 48.196 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005457.D
 Acq: 26 Jul 2021 20:04

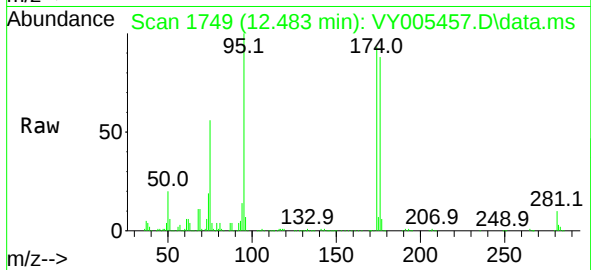
Tgt Ion: 75 Resp: 88215
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.583 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005457.D
 Acq: 26 Jul 2021 20:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 88215
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.1 36.9 55.3#

