

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005485.D
 Acq On : 28 Jul 2021 13:35
 Operator : SY/MD
 Sample : M3194-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:31:31 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)

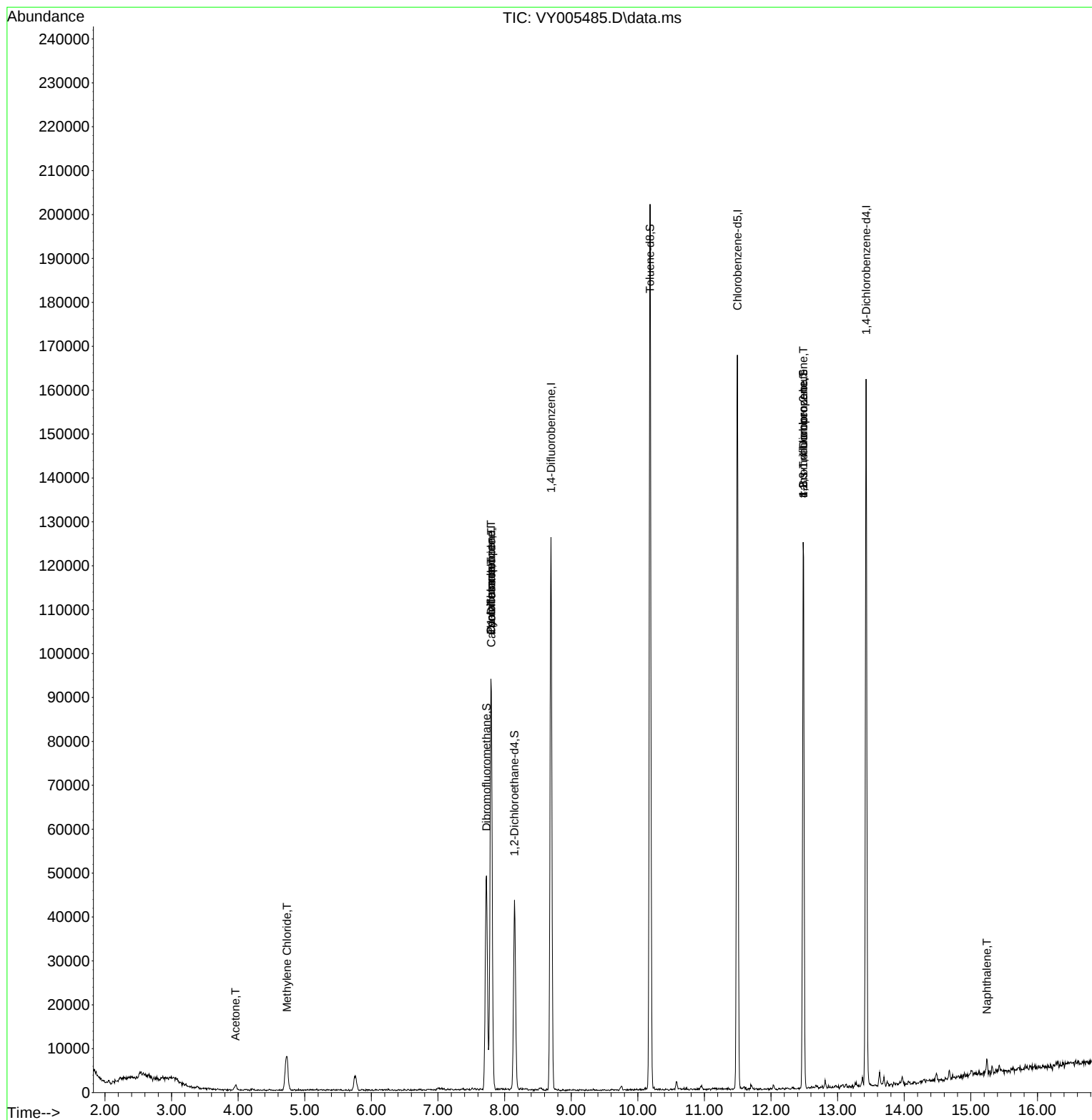
Internal Standards						
1) Pentafluorobenzene	7.795	168	76004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	93102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	33751	41.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.140%
35) Dibromofluoromethane	7.728	113	33251	55.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.680%
50) Toluene-d8	10.185	98	128916	51.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.483	95	35857	43.051	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.100%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1836	9.901	ug/l #	88
20) Methylene Chloride	4.735	84	6176	4.709	ug/l #	89
31) Cyclohexane	7.795	56	1705	1.230	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	5332	5.348	ug/l #	45
38) Carbon Tetrachloride	7.801	117	7081	6.499	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	19470	48.128	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19470	93.452	ug/l #	11
95) Naphthalene	15.239	128	2567	1.521	ug/l	99

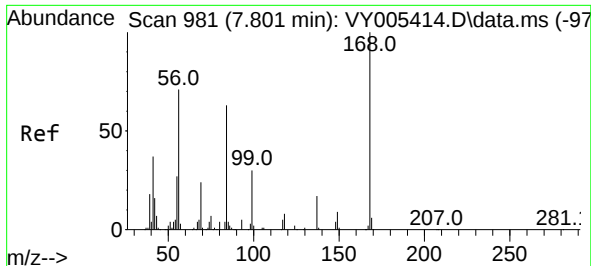
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

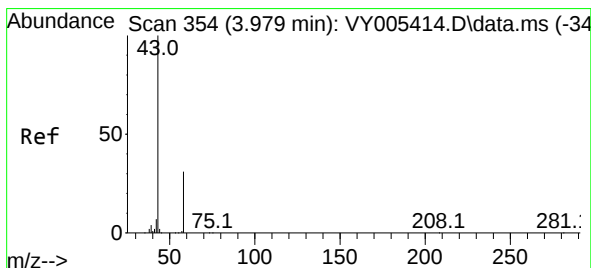
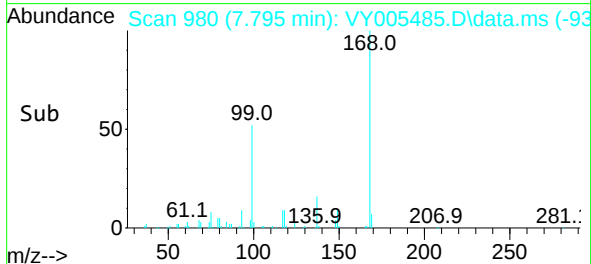
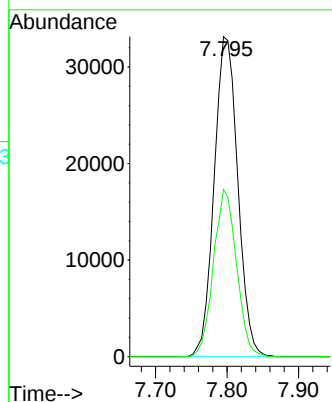
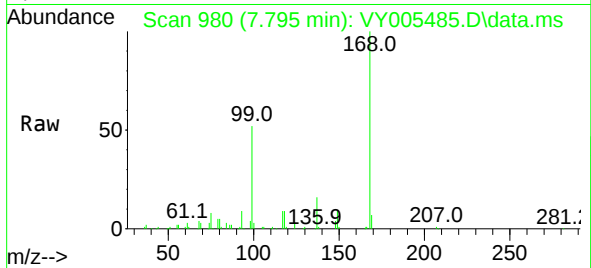




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

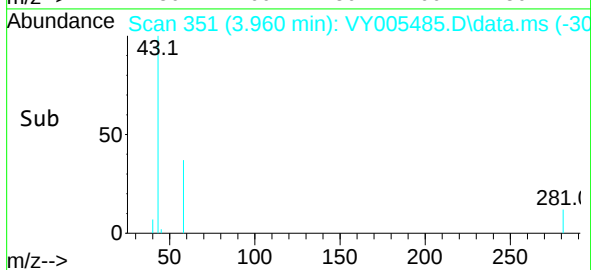
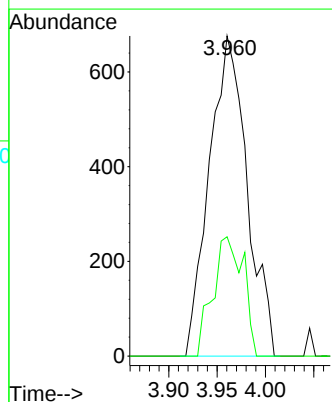
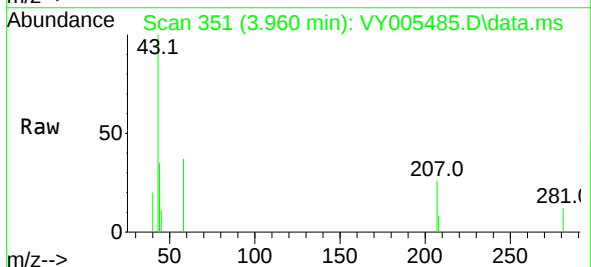
Instrument :
MSVOA_Y
ClientSampleId :

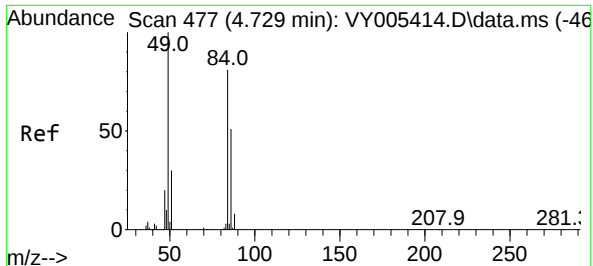
Tgt Ion:168 Resp: 76004
Ion Ratio Lower Upper
168 100
99 52.2 39.8 59.6



#16
Acetone
Concen: 9.901 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
58 37.3 24.5 36.7#





#20

Methylene Chloride

Concen: 4.709 ug/l

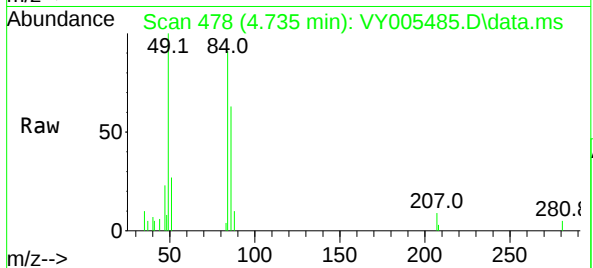
RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY005485.D

Acq: 28 Jul 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6176

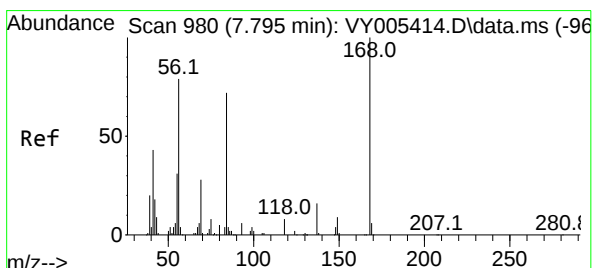
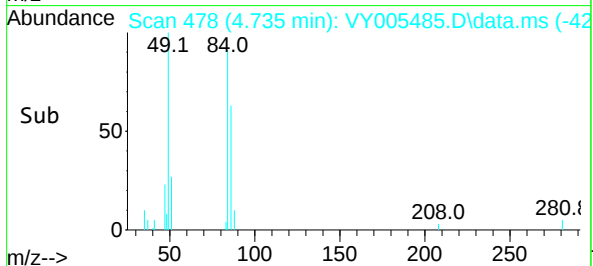
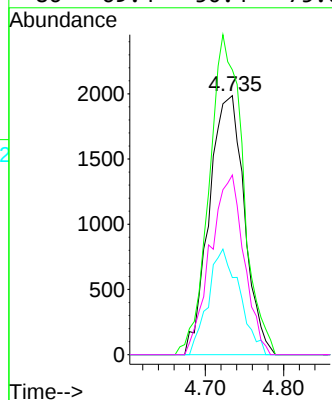
Ion Ratio Lower Upper

84 100

49 109.9 98.9 148.3

51 29.7 30.0 45.0#

86 69.4 50.4 75.6



#31

Cyclohexane

Concen: 1.230 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005485.D

Acq: 28 Jul 2021 13:35

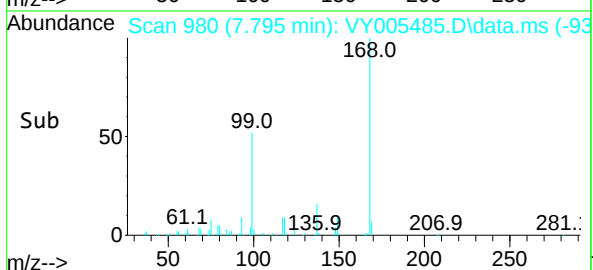
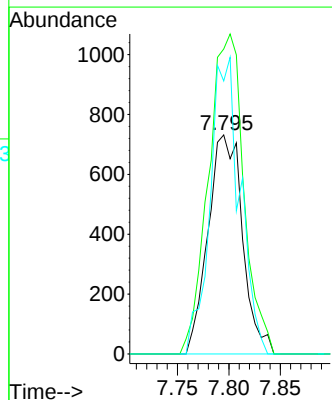
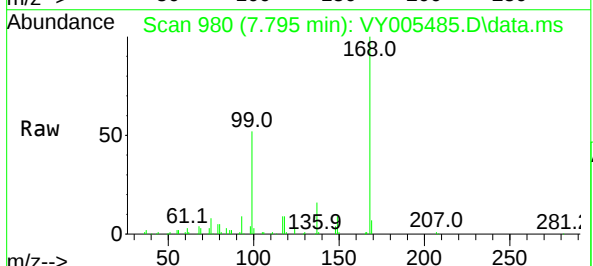
Tgt Ion: 56 Resp: 1705

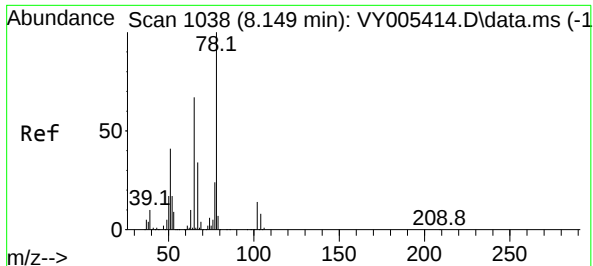
Ion Ratio Lower Upper

56 100

69 139.2 28.7 43.1#

84 124.6 73.0 109.6#

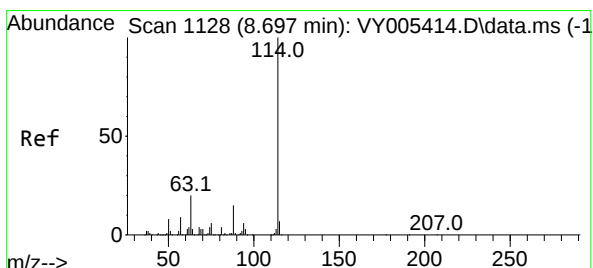
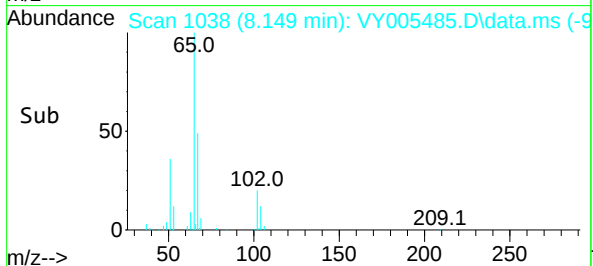
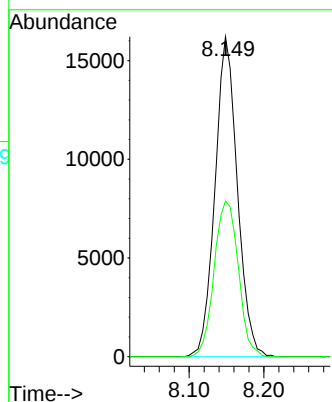
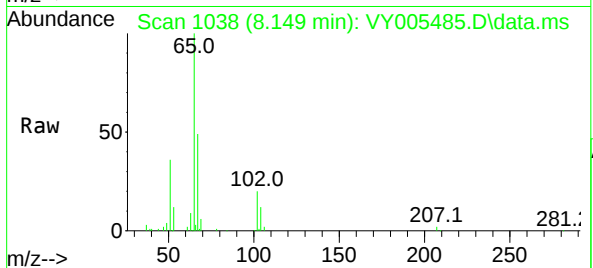




#33
1,2-Dichloroethane-d4
Concen: 41.566 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

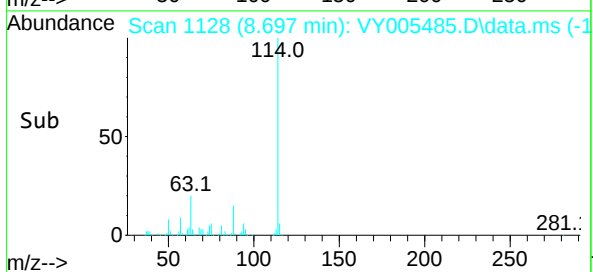
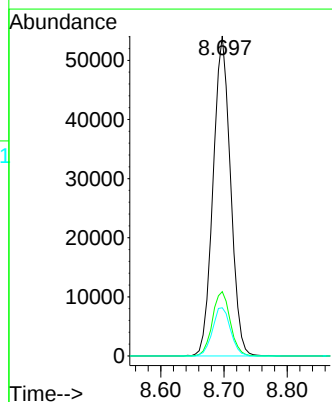
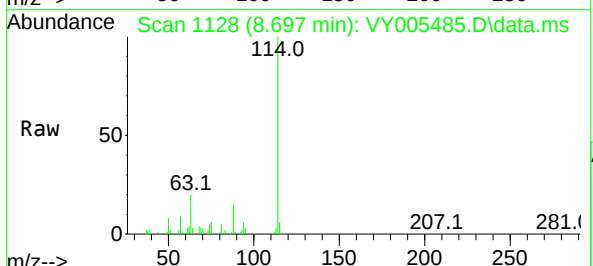
Instrument :
MSVOA_Y
ClientSampled :

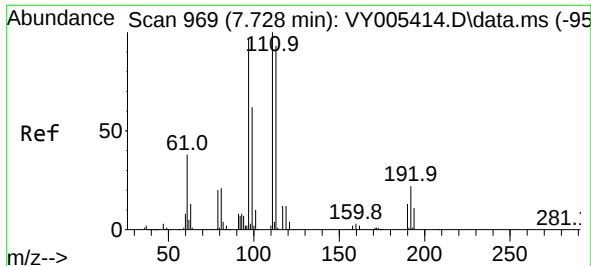
Tgt Ion: 65 Resp: 33751
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

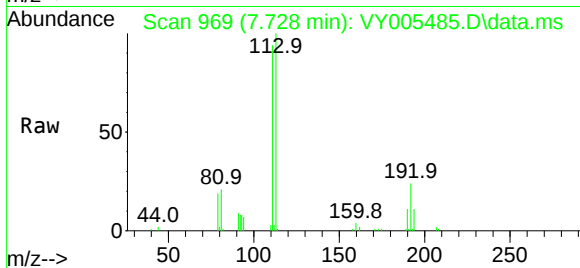
Tgt Ion:114 Resp: 103119
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.0 0.0 30.8



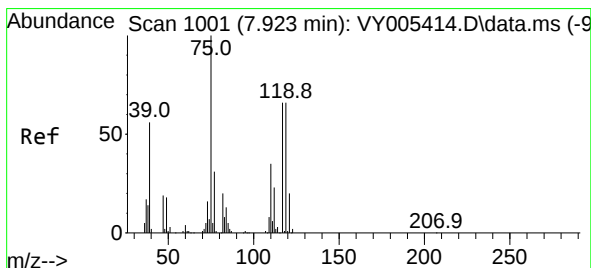
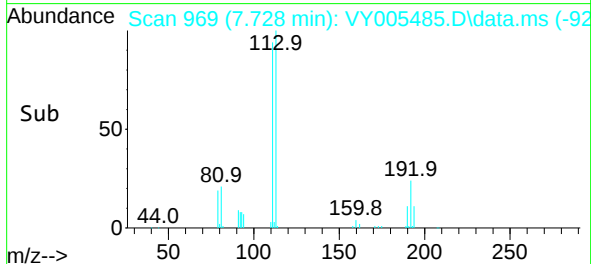
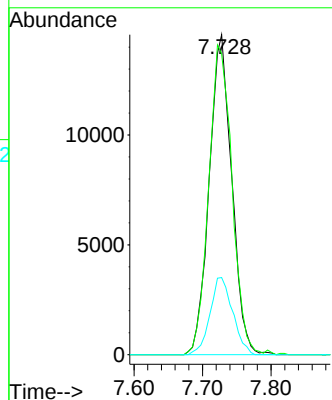


#35
Dibromofluoromethane
Concen: 55.845 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :

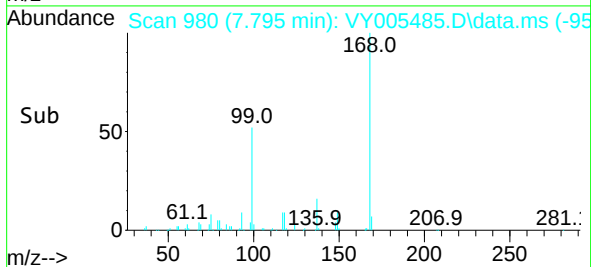
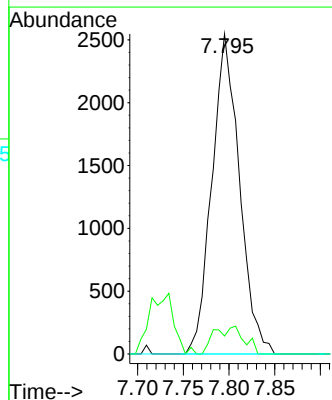
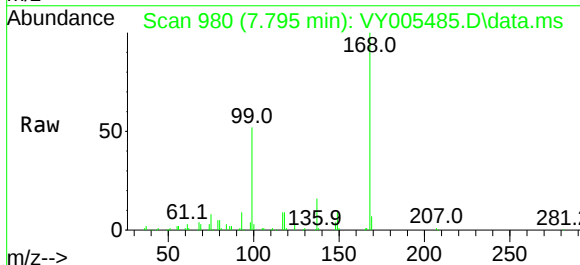


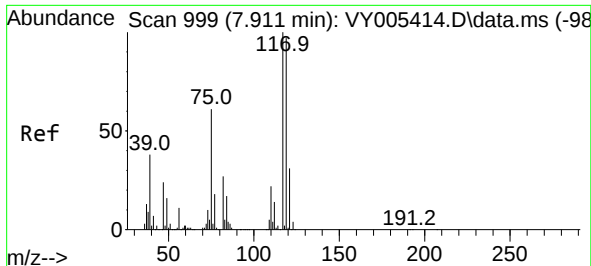
Tgt Ion:113 Resp: 33251
Ion Ratio Lower Upper
113 100
111 100.2 82.6 124.0
192 24.3 18.9 28.3



#36
1,1-Dichloropropene
Concen: 5.348 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 75 Resp: 5332
Ion Ratio Lower Upper
75 100
110 4.2 17.6 52.9#
77 0.0 24.6 37.0#

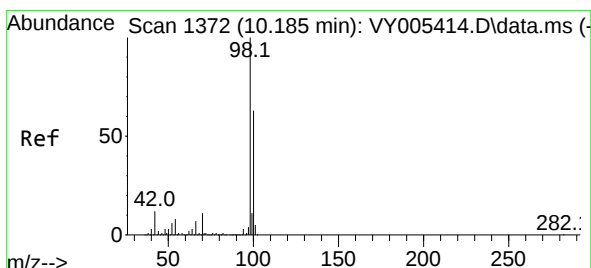
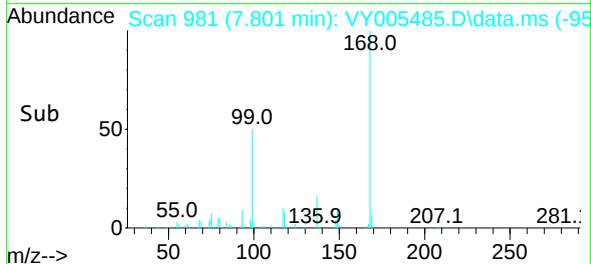
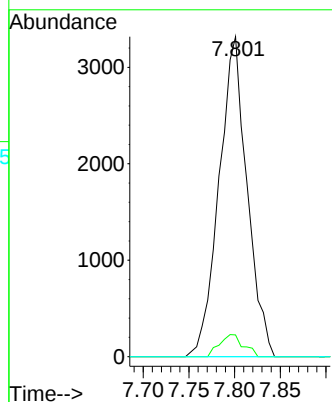
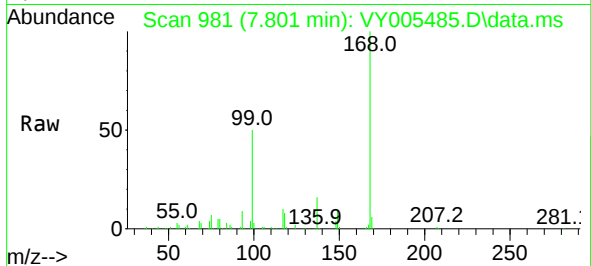




#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

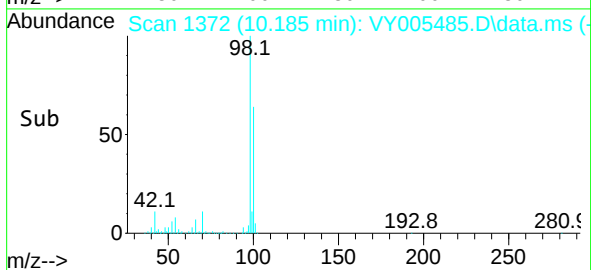
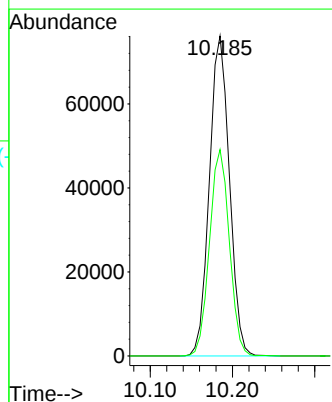
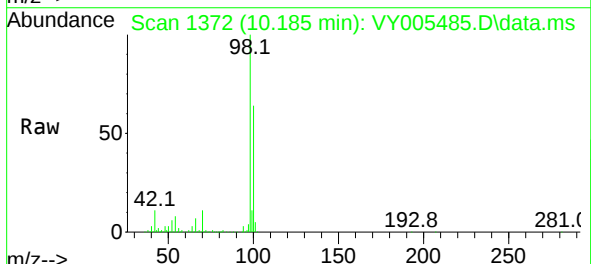
Instrument :
MSVOA_Y
ClientSampleId :

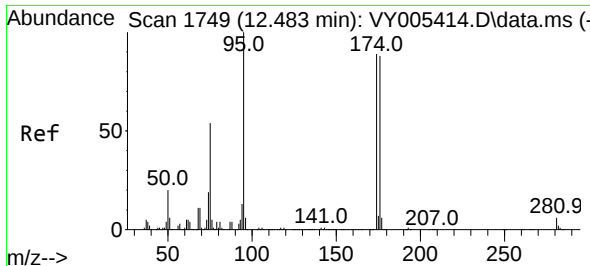
Tgt Ion:117 Resp: 7081
Ion Ratio Lower Upper
117 100
119 6.8 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.084 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 98 Resp: 128916
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

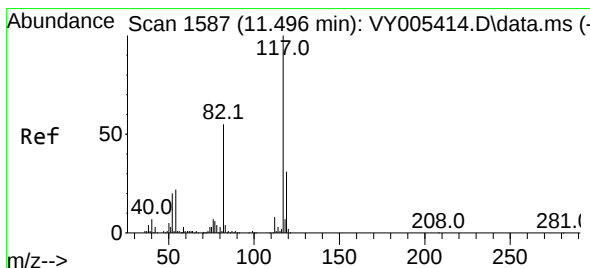
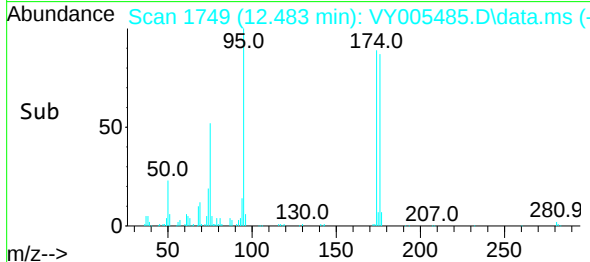
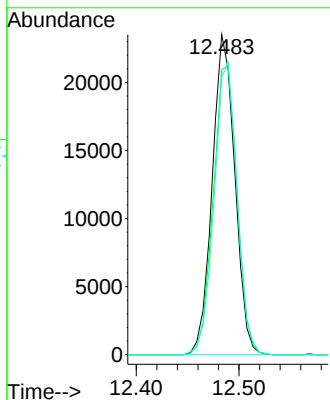
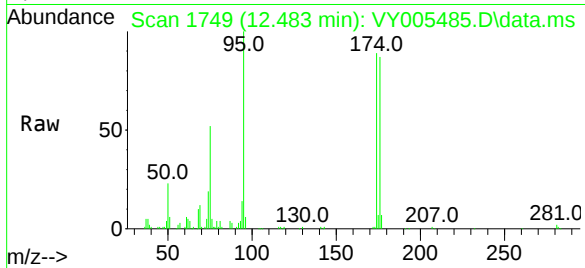




#62
4-Bromofluorobenzene
Concen: 43.051 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

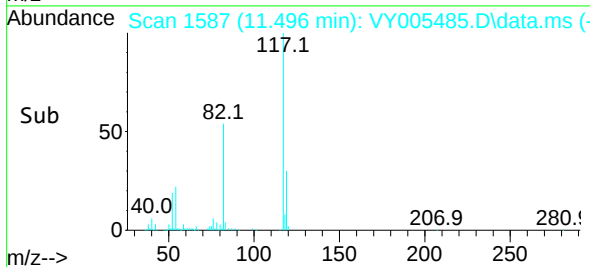
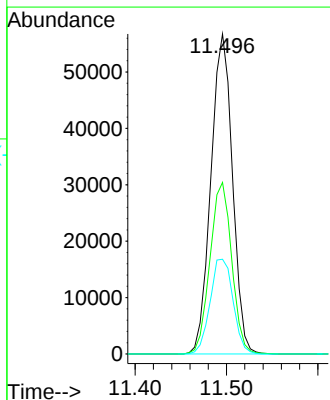
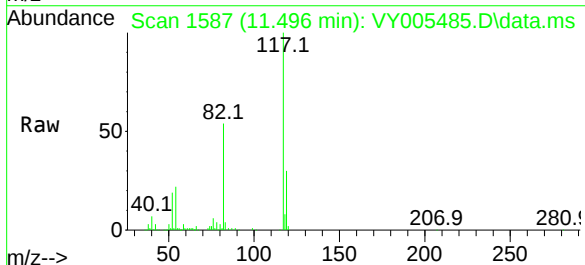
Instrument :
MSVOA_Y
ClientSampleId :

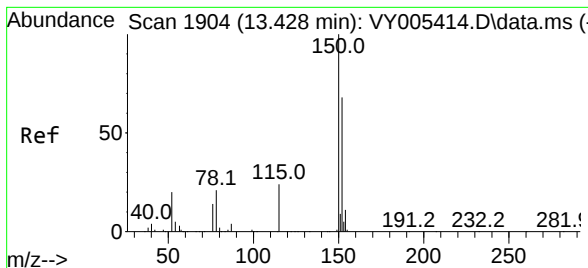
Tgt Ion:	95	Resp:	35857
Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	186.6
176	92.8	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

Tgt Ion:	117	Resp:	93102
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.6
119	29.6	24.8	37.2

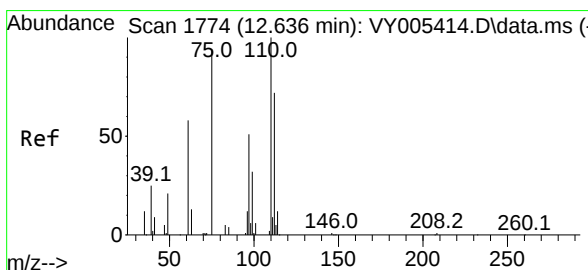
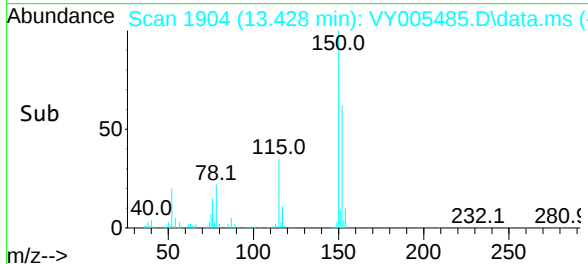
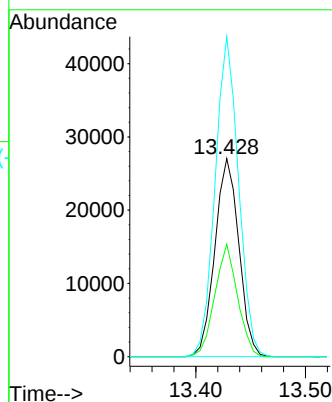
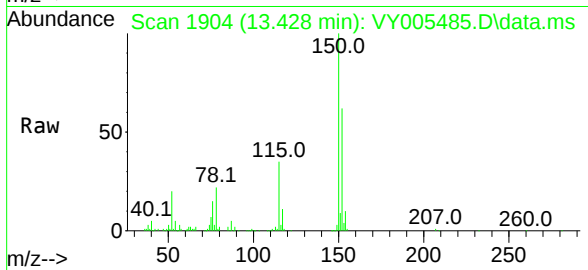




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005485.D
 Acq: 28 Jul 2021 13:35

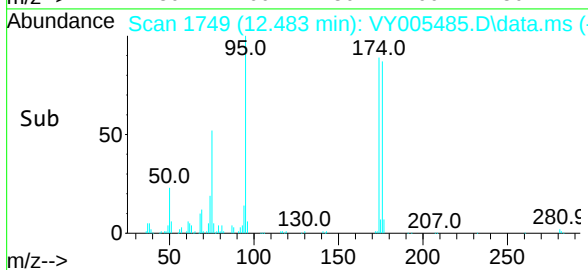
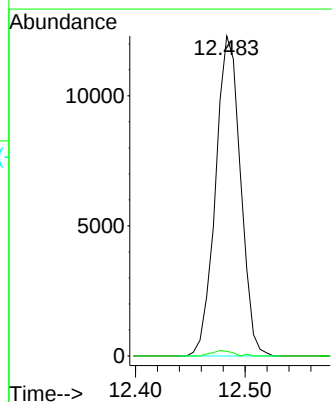
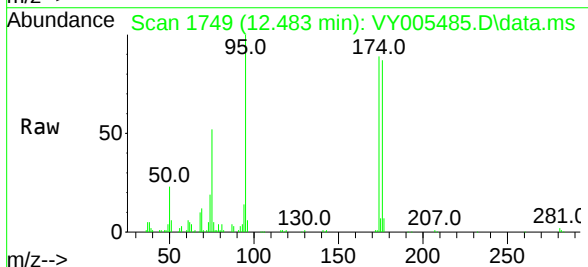
Instrument :
 MSVOA_Y
 ClientSampleId :

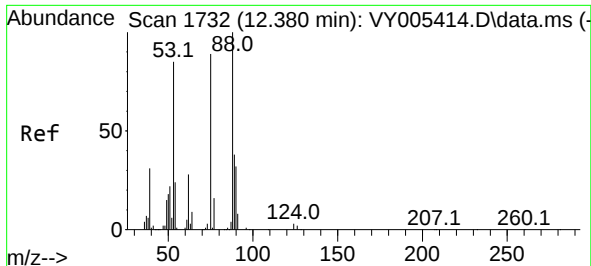
Tgt Ion:152 Resp: 41113
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.7 83.1
 150 157.6 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 48.128 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005485.D
 Acq: 28 Jul 2021 13:35

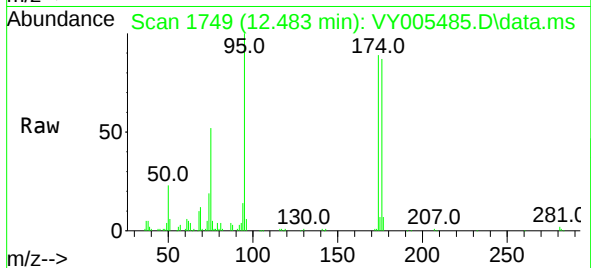
Tgt Ion: 75 Resp: 19470
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



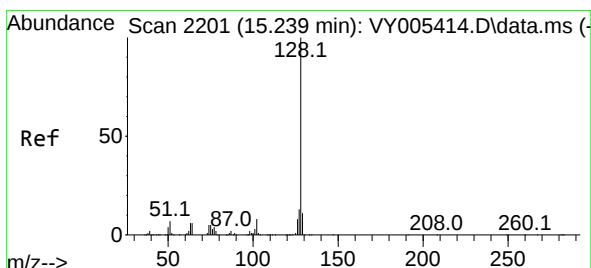
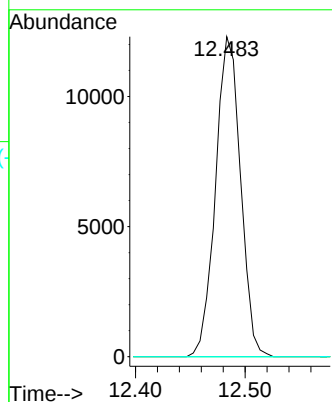
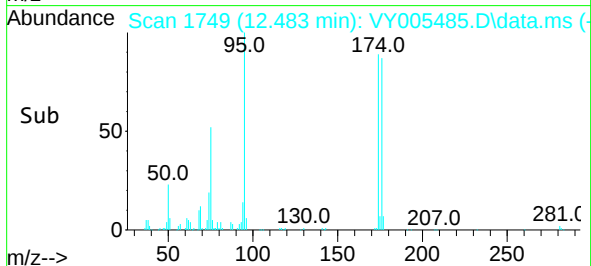


#81
trans-1,4-Dichloro-2-butene
Concen: 93.452 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35

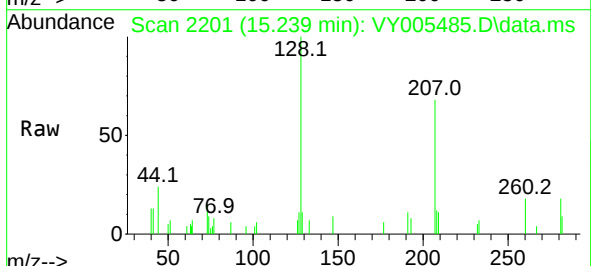
Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 75 Resp: 19470
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.521 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005485.D
Acq: 28 Jul 2021 13:35



Tgt Ion: 128 Resp: 2567
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.2 8.6 13.0

