

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005164.D
 Acq On : 17 Jun 2021 18:06
 Operator : SY/MD
 Sample : M2748-10
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

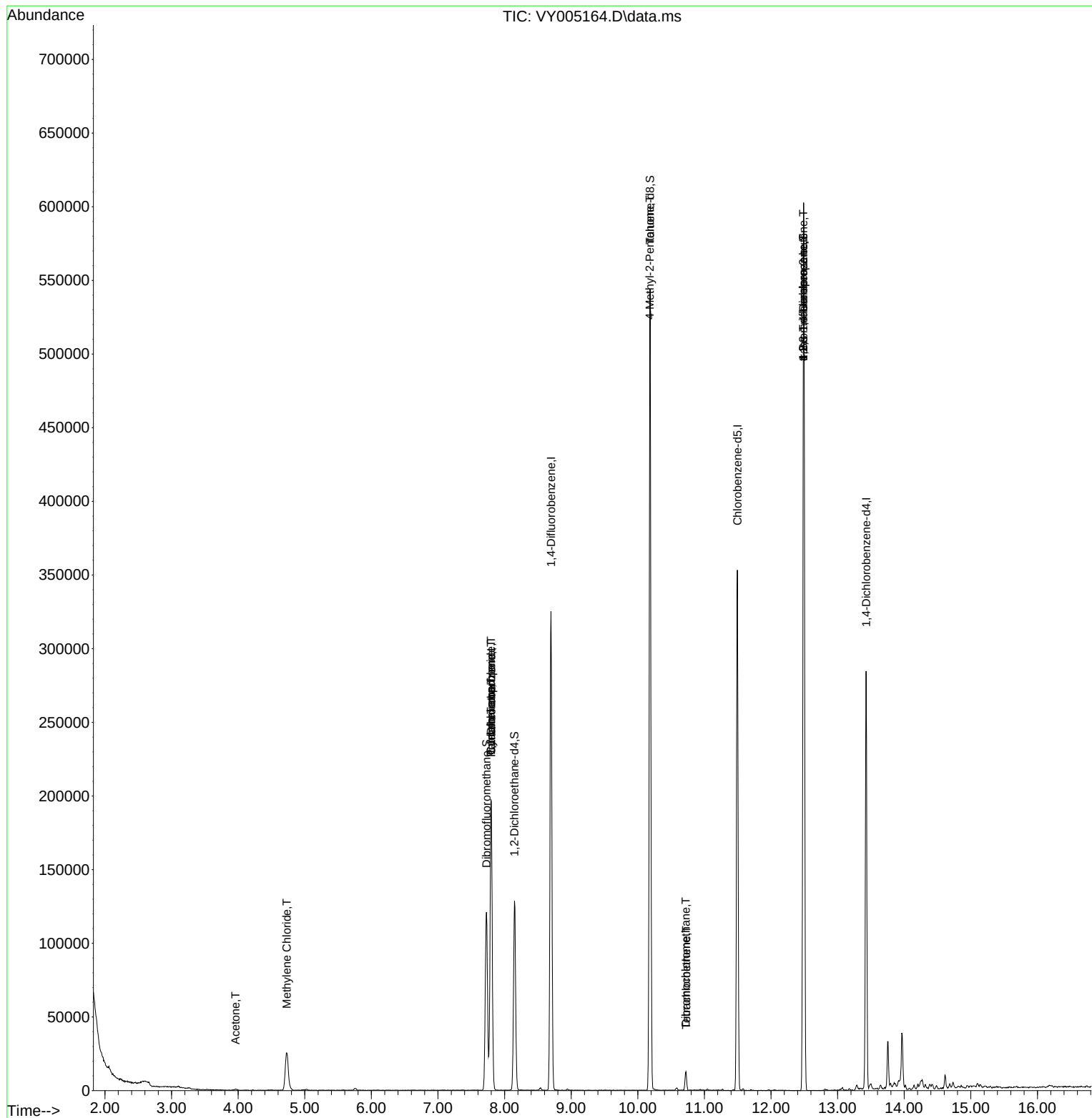
Internal Standards						
1) Pentafluorobenzene	7.801	168	153657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	278756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100856	67.884	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 135.760%		
35) Dibromofluoromethane	7.728	113	85925	71.856	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 143.720%		
50) Toluene-d8	10.185	98	344356	57.985	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 115.960%		
62) 4-Bromofluorobenzene	12.483	95	54680	27.377	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 54.760%		
Target Compounds						
11) Tert butyl alcohol	4.960	59	483	Below Cal	#	74
16) Acetone	3.960	43	1273	4.213	ug/l	89
20) Methylene Chloride	4.729	84	20718	6.554	ug/l	93
31) Cyclohexane	7.795	56	2987	1.182	ug/l	# 6
36) 1,1-Dichloropropene	7.795	75	11591	4.541	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	15719	5.800	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.179	43	1419	1.164	ug/l	# 1
60) Dibromochloromethane	10.721	129	2085	1.165	ug/l	# 10
64) Tetrachloroethene	10.727	164	2329	1.366	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	40141	64.231	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	40141	119.827	ug/l	# 12

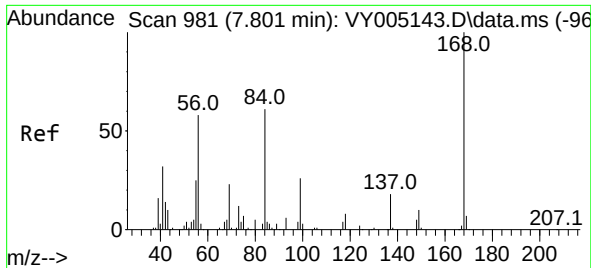
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
Data File : VY005164.D
Acq On : 17 Jun 2021 18:06
Operator : SY/MD
Sample : M2748-10
Misc : 5.71G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 18 03:04:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 2021
Response via : Initial Calibration

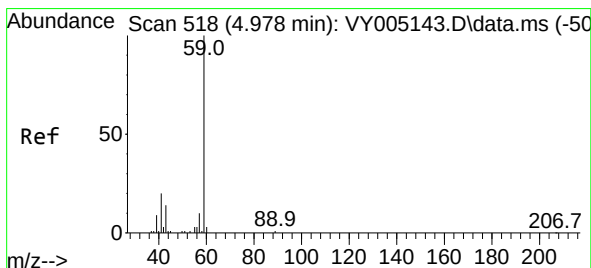
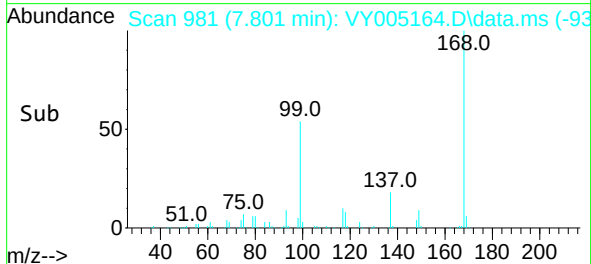
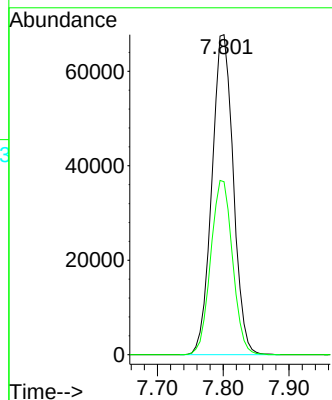
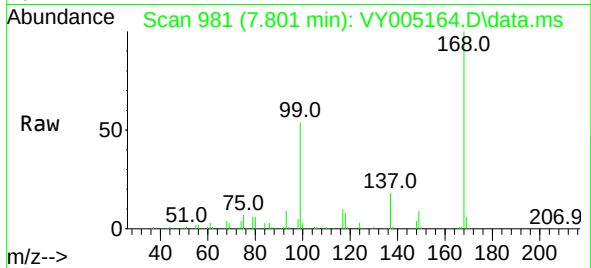




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

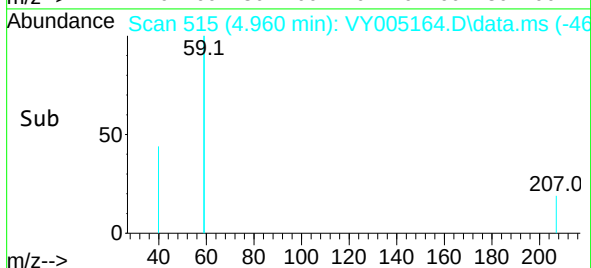
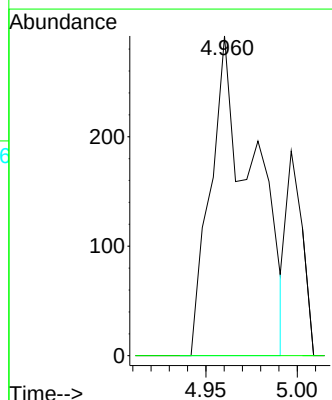
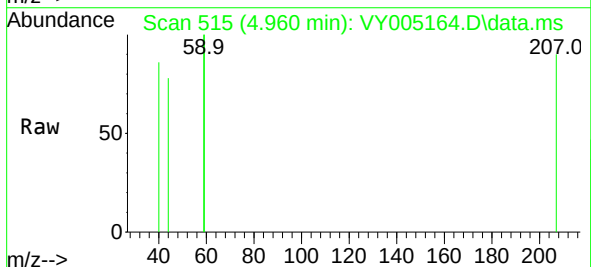
Instrument :
MSVOA_Y
ClientSampleId :

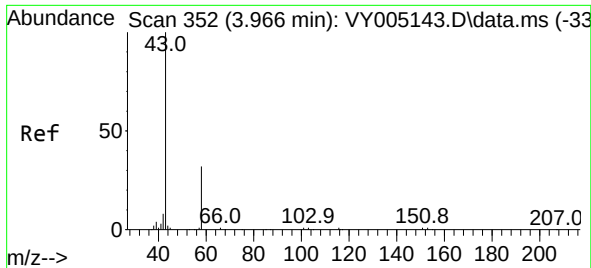
Tgt Ion:168 Resp: 153657
Ion Ratio Lower Upper
168 100
99 54.1 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

Tgt Ion: 59 Resp: 483
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

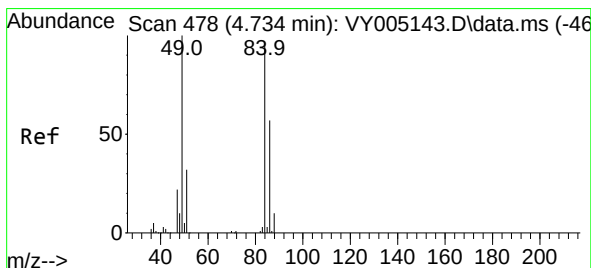
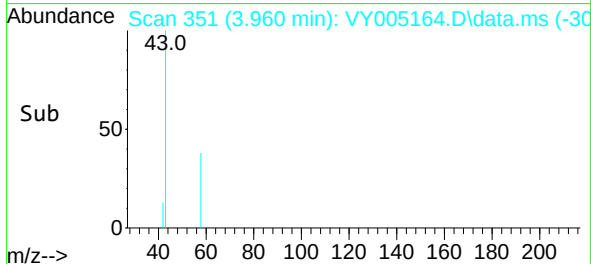
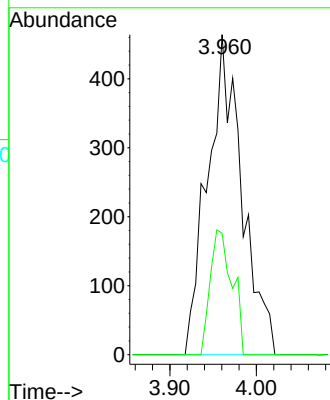
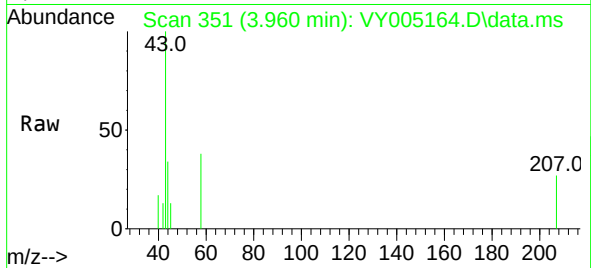




#16
Acetone
Concen: 4.213 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

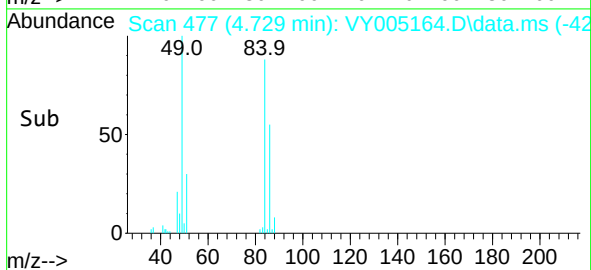
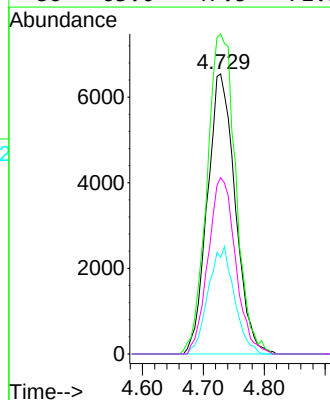
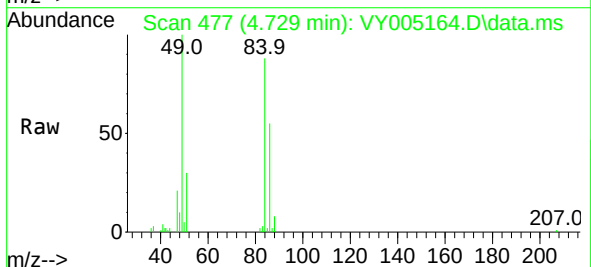
Instrument :
MSVOA_Y
ClientSampled :

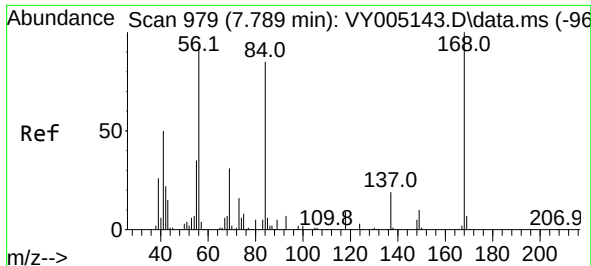
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 37.9 25.6 38.4



#20
Methylene Chloride
Concen: 6.554 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.005 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

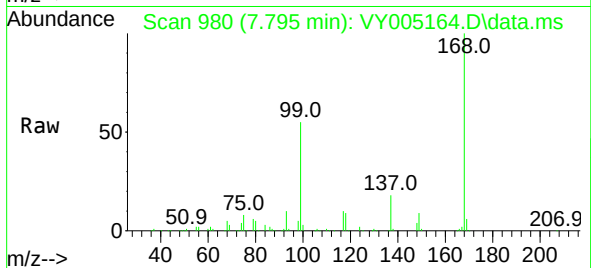
Tgt Ion: 84 Resp: 20718
Ion Ratio Lower Upper
84 100
49 114.3 83.4 125.2
51 34.5 26.8 40.2
86 63.0 47.5 71.3



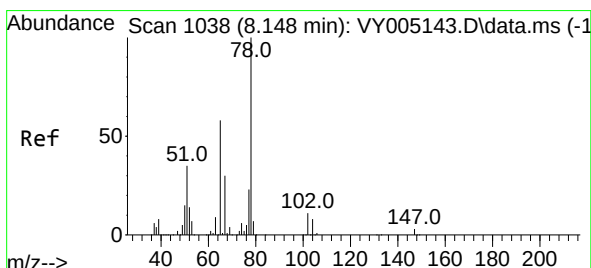
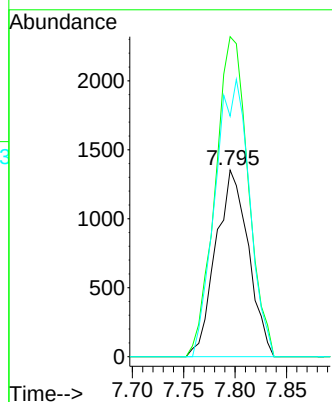
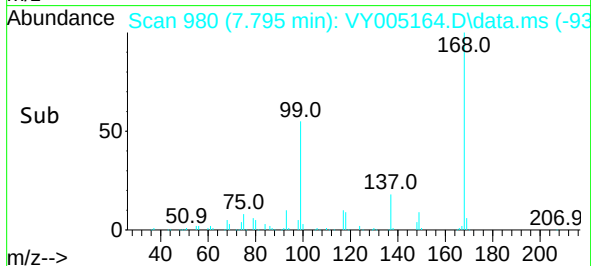


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

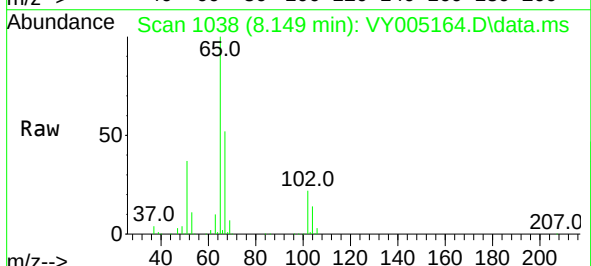
Instrument :
MSVOA_Y
ClientSampleId :



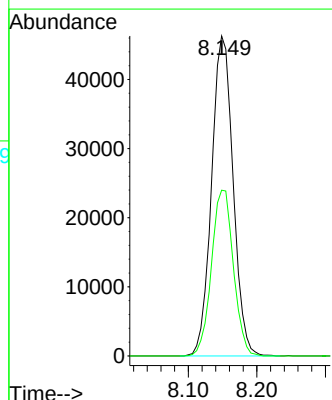
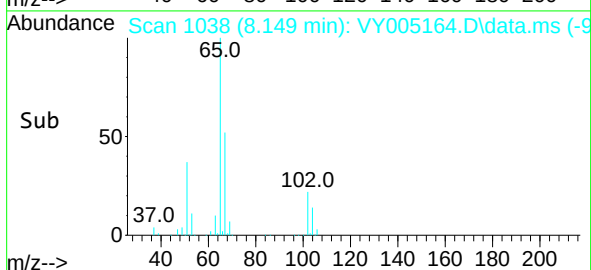
Tgt Ion: 56 Resp: 2987
Ion Ratio Lower Upper
56 100
69 171.5 26.3 39.5#
84 128.8 73.2 109.8#

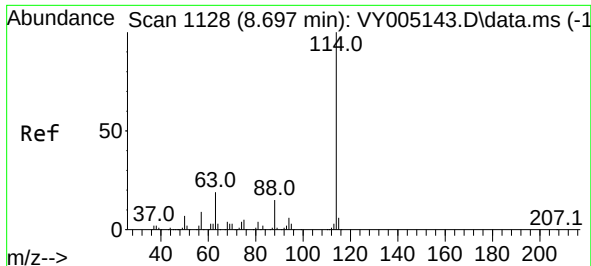


#33
1,2-Dichloroethane-d4
Concen: 67.884 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06



Tgt Ion: 65 Resp: 100856
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY005164.D

Acq: 17 Jun 2021 18:06

Instrument :

MSVOA_Y

ClientSampleId :

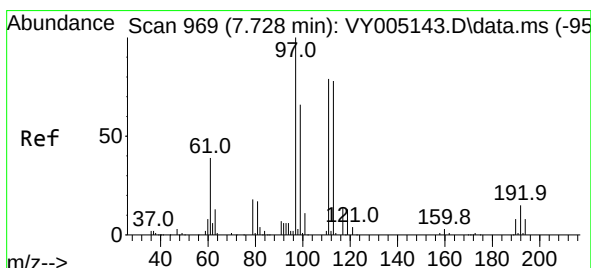
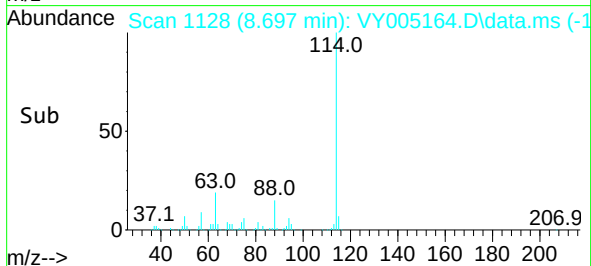
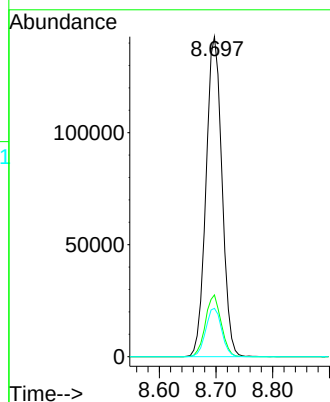
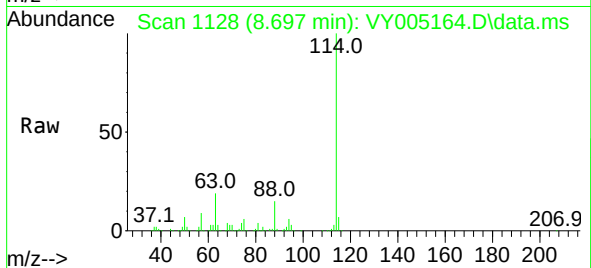
Tgt Ion:114 Resp: 278756

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 71.856 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005164.D

Acq: 17 Jun 2021 18:06

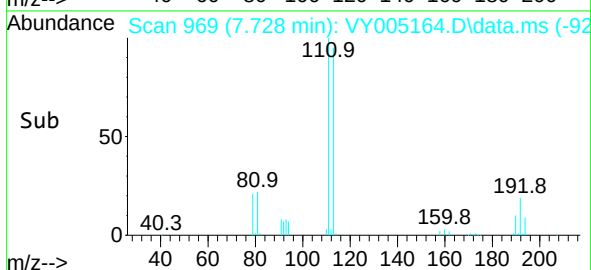
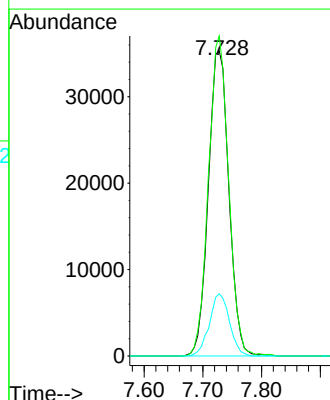
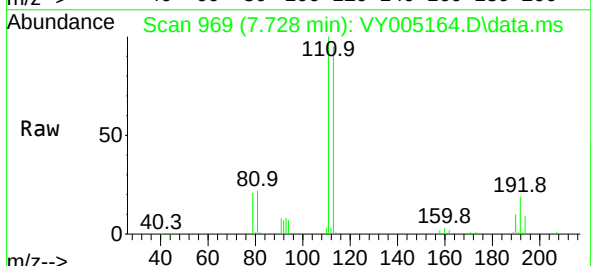
Tgt Ion:113 Resp: 85925

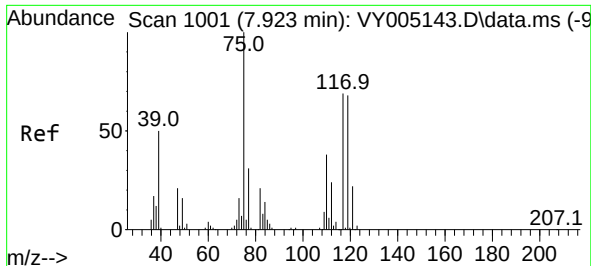
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 19.9 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.541 ug/l

RT: 7.795 min Scan# 980

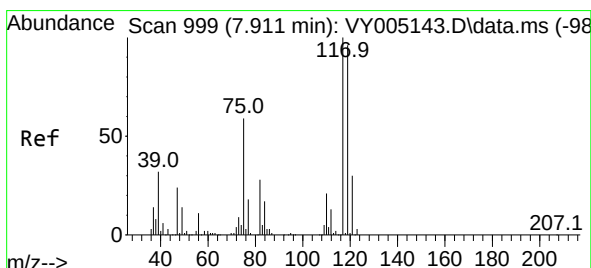
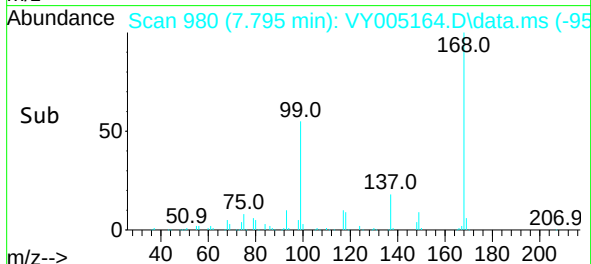
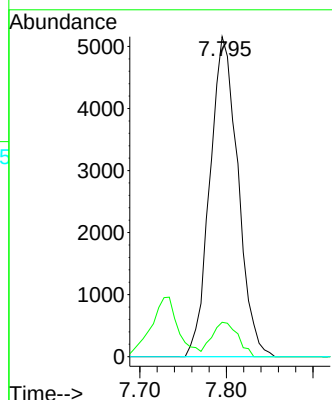
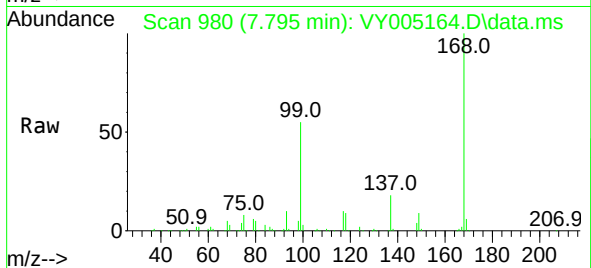
Delta R.T. -0.128 min

Lab File: VY005164.D

Acq: 17 Jun 2021 18:06

Tgt Ion:	75	Resp:	11591
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.8	56.3#
77	0.0	24.6	36.8#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.800 ug/l

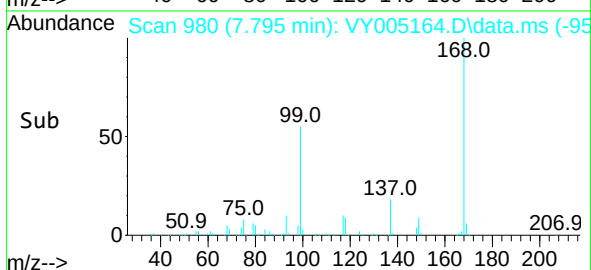
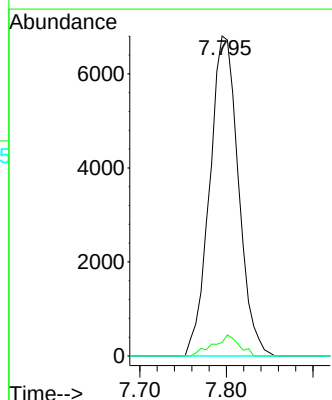
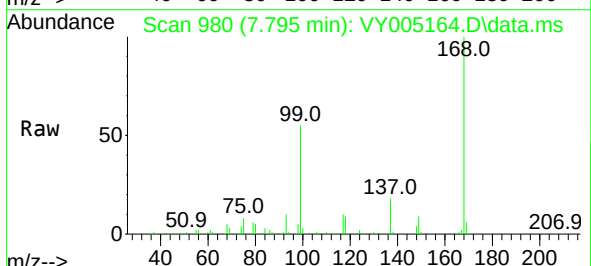
RT: 7.795 min Scan# 980

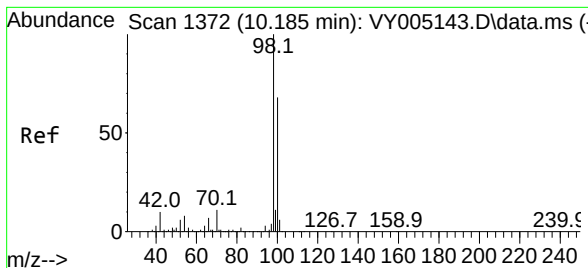
Delta R.T. -0.116 min

Lab File: VY005164.D

Acq: 17 Jun 2021 18:06

Tgt Ion:	117	Resp:	15719
Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.9	115.3#
121	0.0	24.2	36.4#

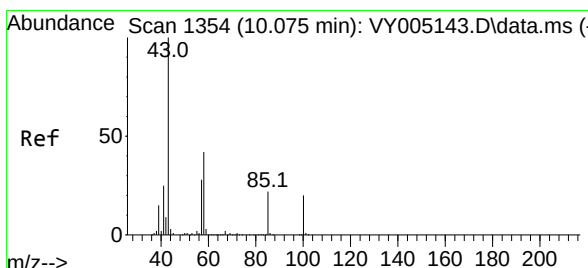
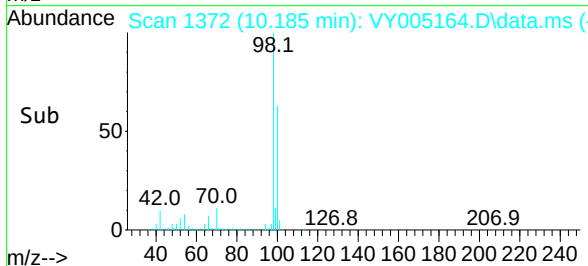
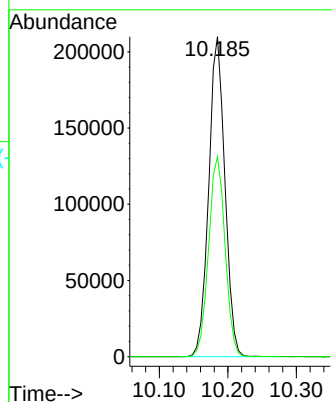
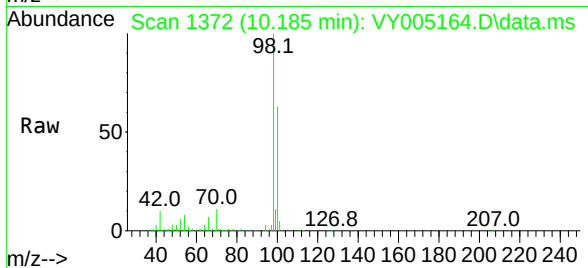




#50
Toluene-d8
Concen: 57.985 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

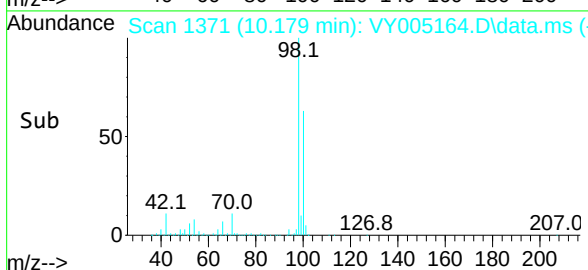
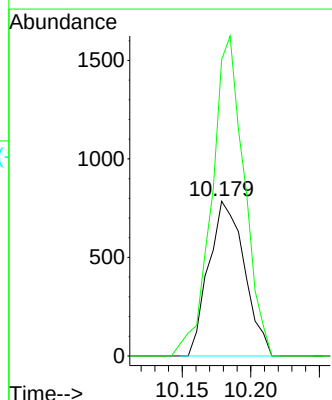
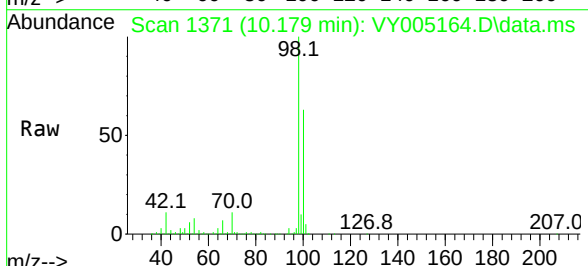
Instrument :
MSVOA_Y
ClientSampled :

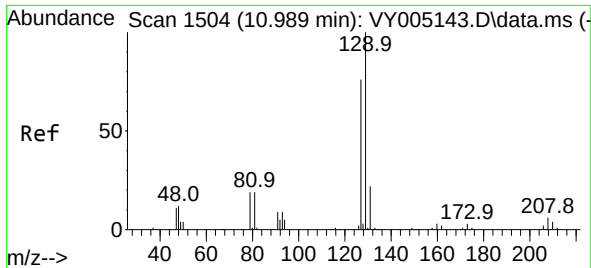
Tgt Ion: 98 Resp: 344356
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.164 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 187.7 33.0 49.4#

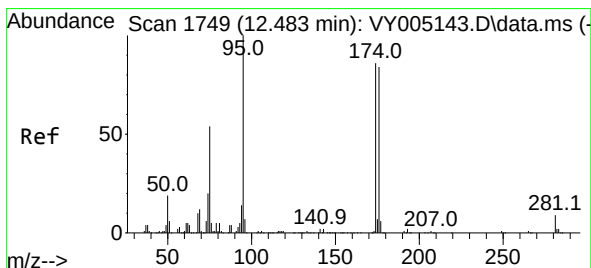
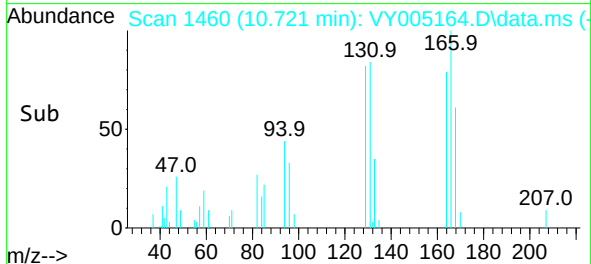
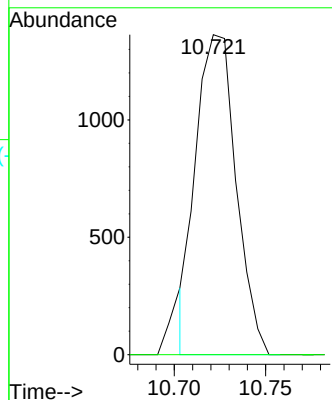
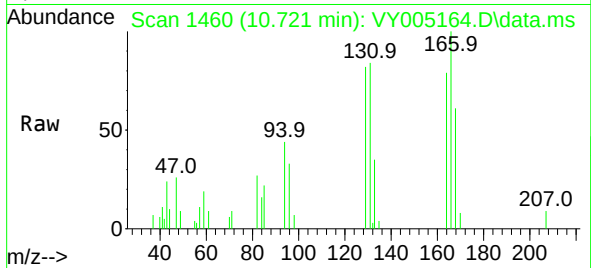




#60
Dibromochloromethane
Concen: 1.165 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

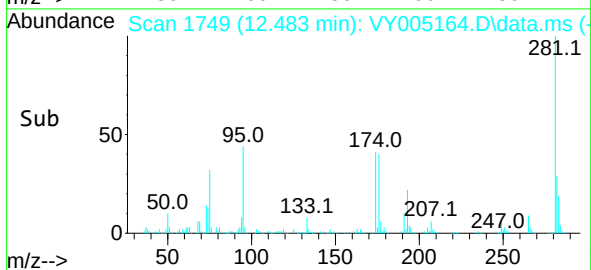
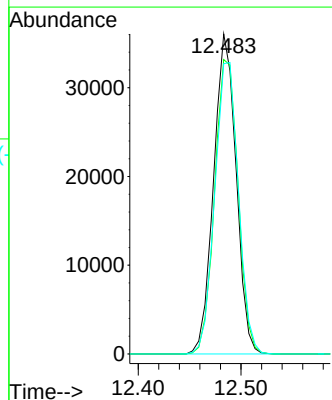
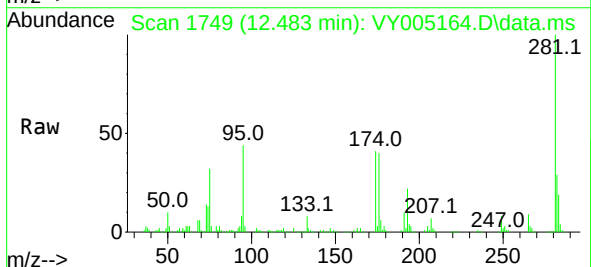
Instrument :
MSVOA_Y
ClientSampled :

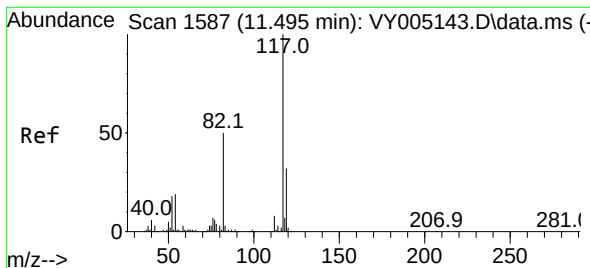
Tgt Ion:129 Resp: 2085
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.9#



#62
4-Bromofluorobenzene
Concen: 27.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

Tgt Ion: 95 Resp: 54680
Ion Ratio Lower Upper
95 100
174 95.8 0.0 179.2
176 96.0 0.0 174.0

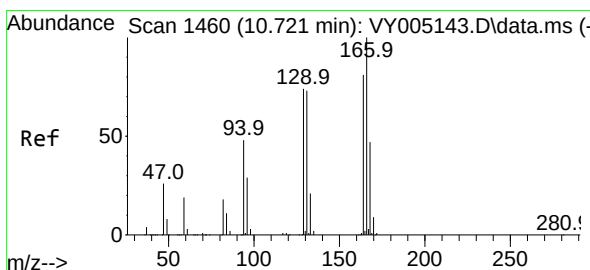
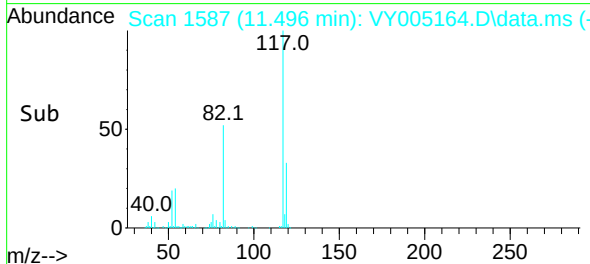
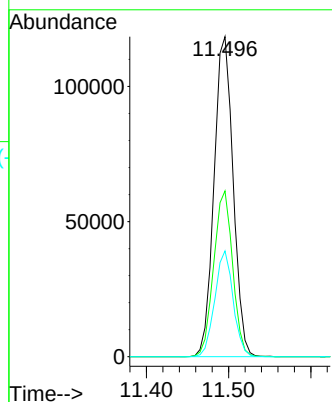
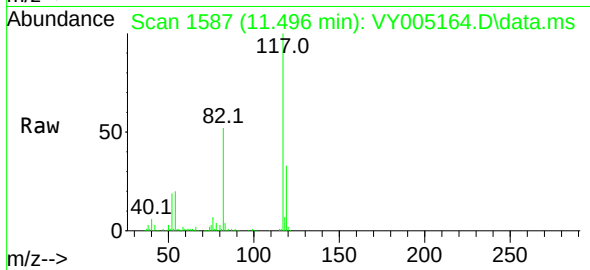




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

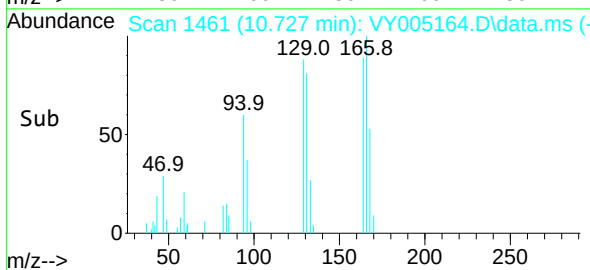
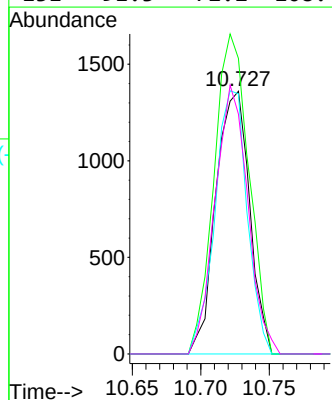
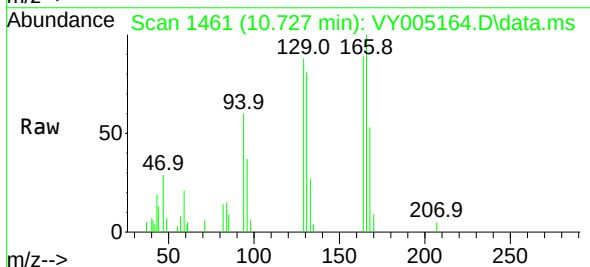
Instrument :
MSVOA_Y
ClientSampleId :

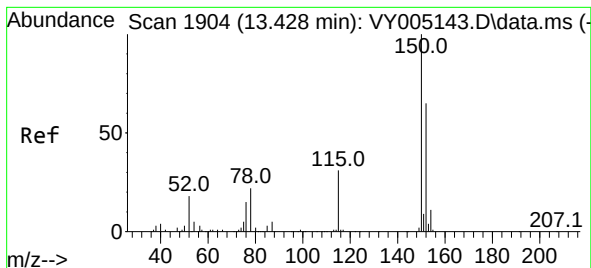
Tgt Ion:117	Resp:	191112
Ion Ratio	Lower	Upper
117	100	
82	51.8	39.8 59.6
119	33.1	25.9 38.9



#64
Tetrachloroethene
Concen: 1.366 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY005164.D
Acq: 17 Jun 2021 18:06

Tgt Ion:164	Resp:	2329
Ion Ratio	Lower	Upper
164	100	
166	112.5	99.0 148.4
129	99.0	73.5 110.3
131	91.3	72.2 108.4

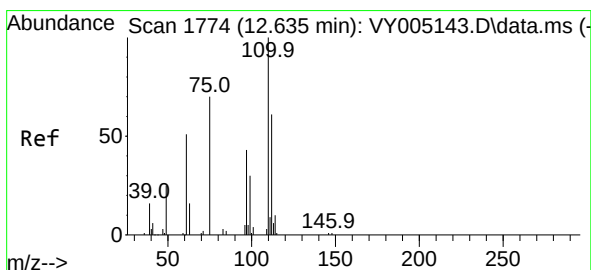
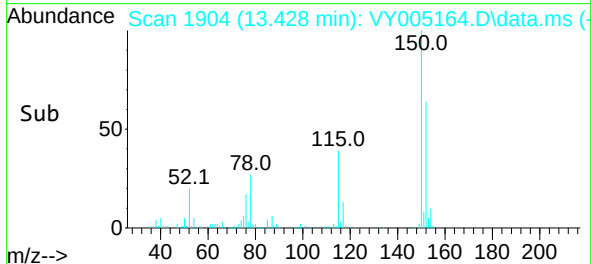
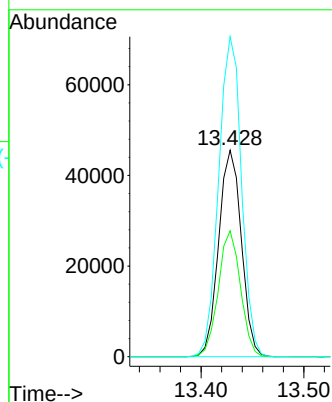
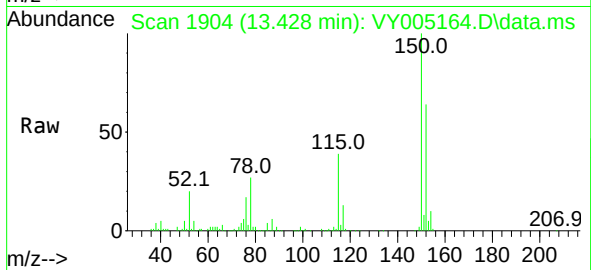




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005164.D
 Acq: 17 Jun 2021 18:06

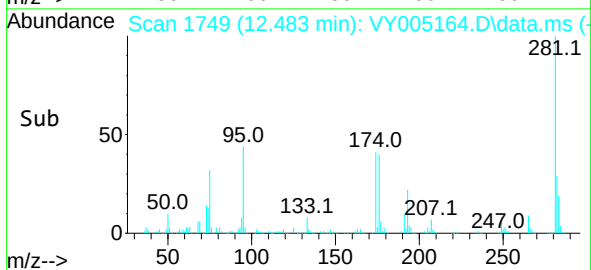
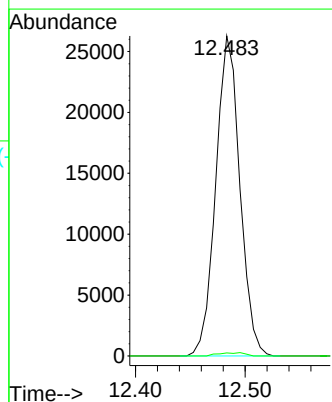
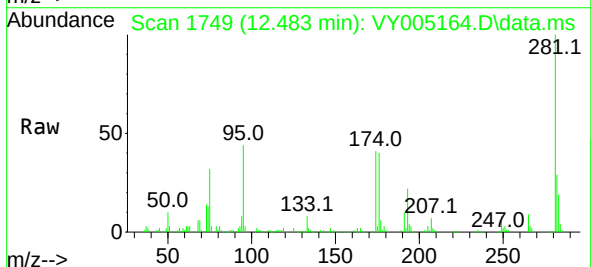
Instrument :
 MSVOA_Y
 ClientSampled :

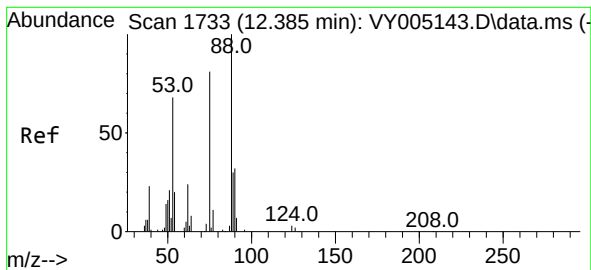
Tgt Ion:152 Resp: 69818
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.5 88.6
 150 155.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 64.231 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005164.D
 Acq: 17 Jun 2021 18:06

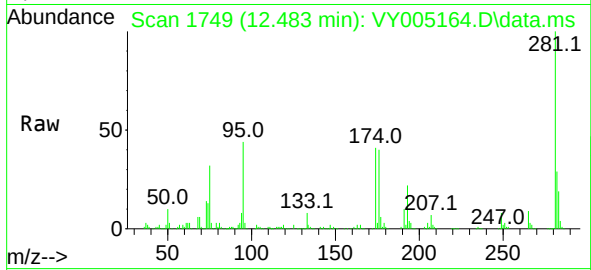
Tgt Ion: 75 Resp: 40141
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.827 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005164.D
 Acq: 17 Jun 2021 18:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 40141
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 2.1 44.1 66.1#

