

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005481.D
 Acq On : 28 Jul 2021 11:55
 Operator : SY/MD
 Sample : VY0728SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBL01

Quant Time: Jul 29 05:29:39 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)

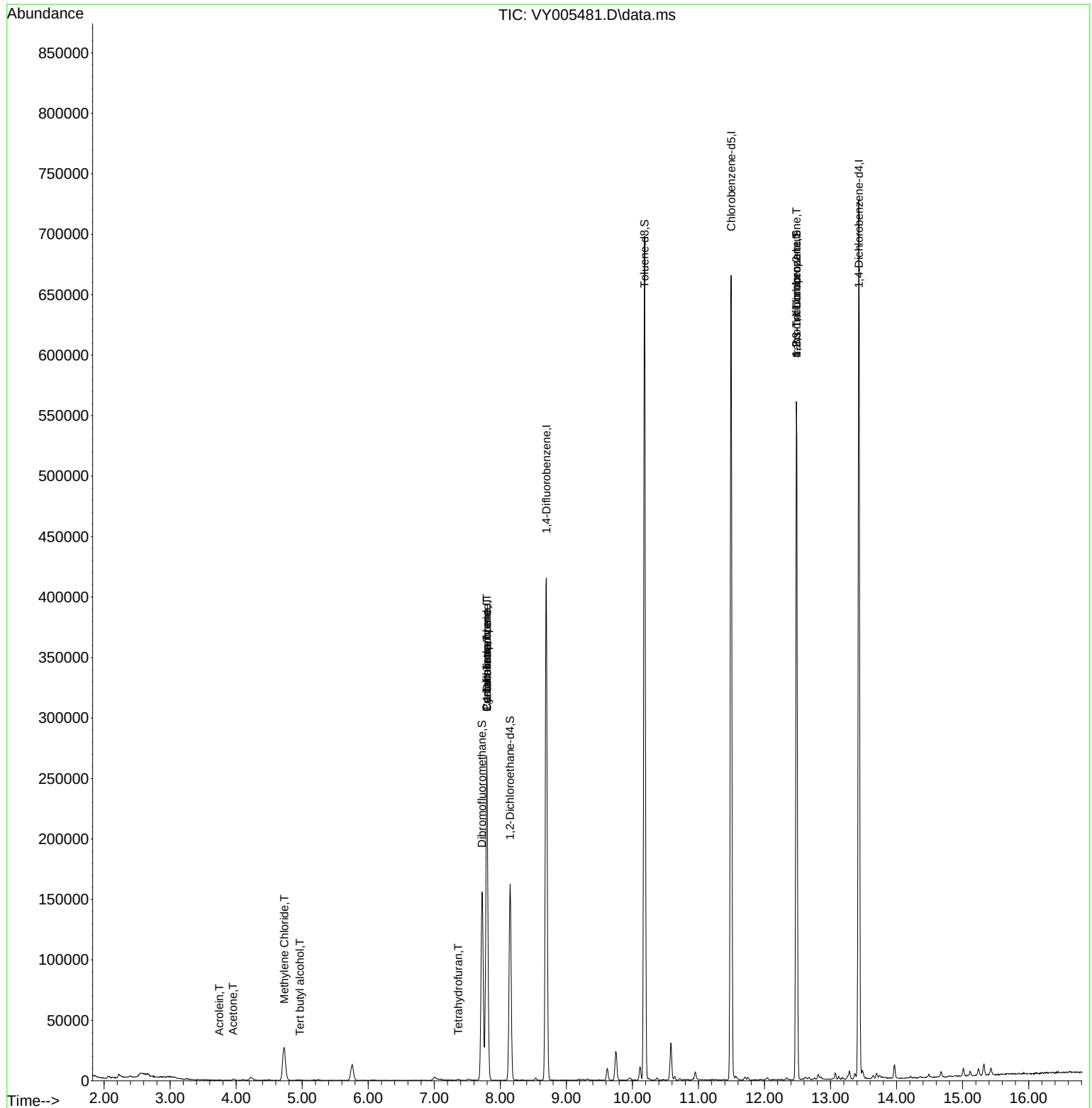
Internal Standards						
1) Pentafluorobenzene	7.795	168	210987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	357942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133065	59.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.060%	
35) Dibromofluoromethane	7.722	113	108230	53.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.185	98	452533	52.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.483	95	156869	55.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	541	2.541	ug/l #	82
13) Acrolein	3.747	56	240	1.231	ug/l #	33
16) Acetone	3.954	43	1962	3.811	ug/l #	79
20) Methylene Chloride	4.728	84	21251	6.105	ug/l	94
29) Tetrahydrofuran	7.362	42	598	1.171	ug/l #	93
31) Cyclohexane	7.795	56	4179	1.086	ug/l #	37
36) 1,1-Dichloropropene	7.795	75	15080	4.426	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18829	5.057	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	87053	47.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87053	93.013	ug/l #	11

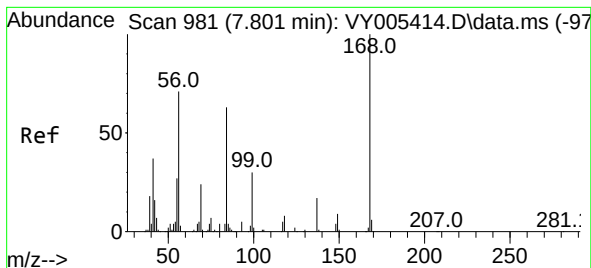
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
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: VY005481.D

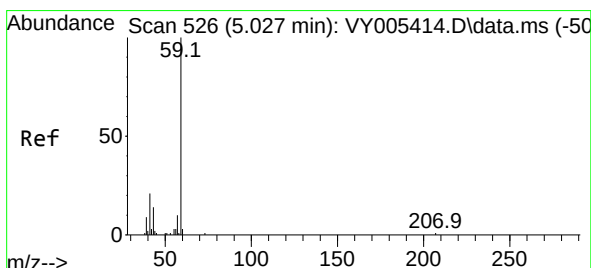
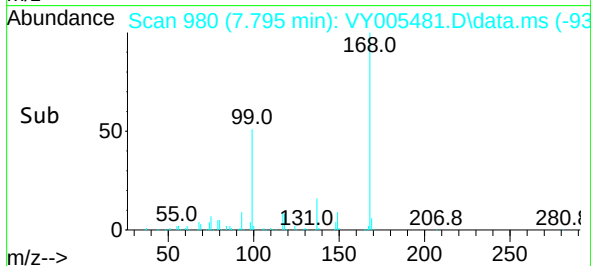
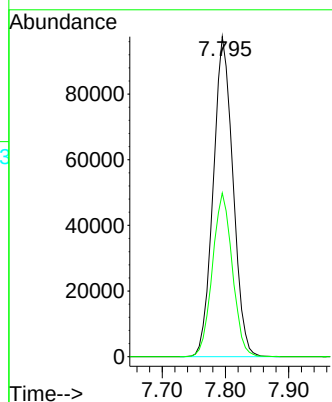
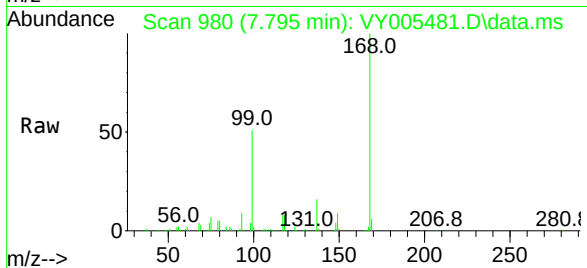
Acq: 28 Jul 2021 11:55

Tgt Ion:168 Resp: 210987

Ion Ratio Lower Upper

168 100

99 51.2 39.8 59.6



#11

Tert butyl alcohol

Concen: 2.541 ug/l

RT: 4.966 min Scan# 516

Delta R.T. -0.061 min

Lab File: VY005481.D

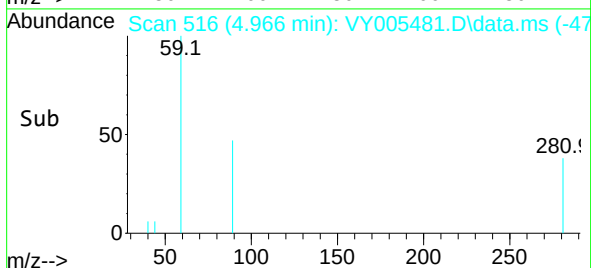
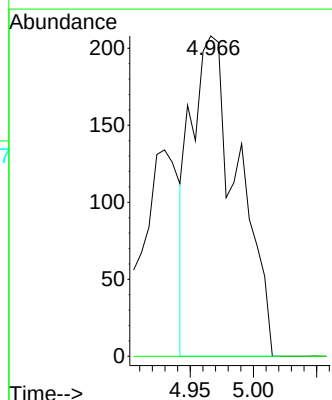
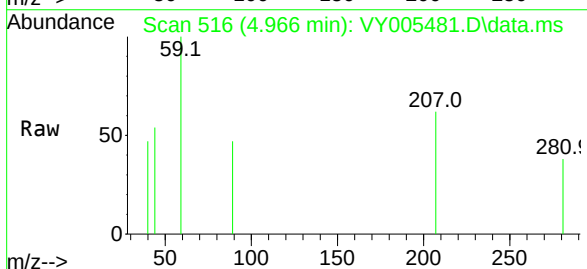
Acq: 28 Jul 2021 11:55

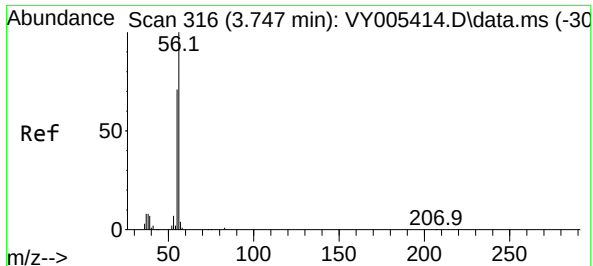
Tgt Ion: 59 Resp: 541

Ion Ratio Lower Upper

59 100

57 0.0 4.7 7.1#

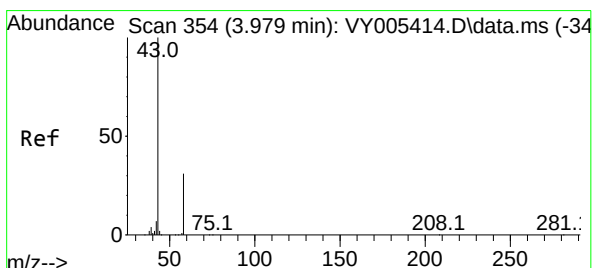
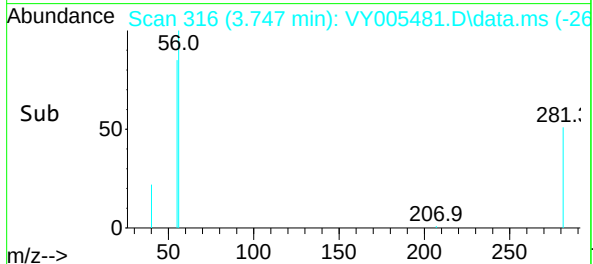
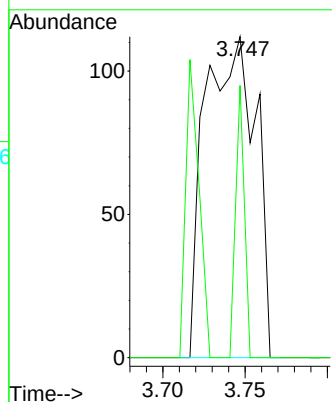
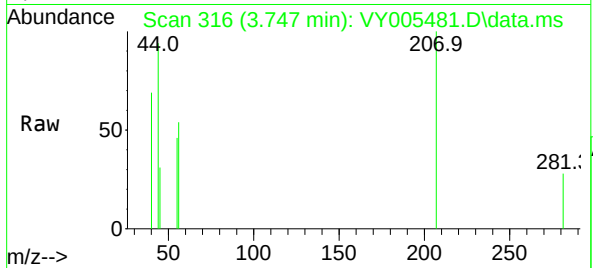




#13
Acrolein
Concen: 1.231 ug/l
RT: 3.747 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

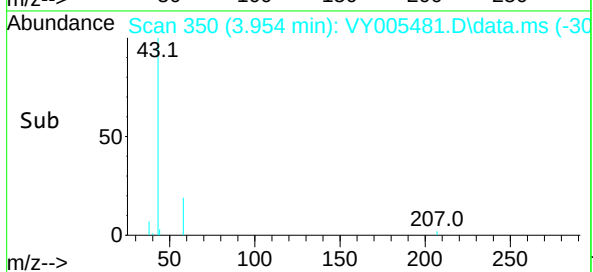
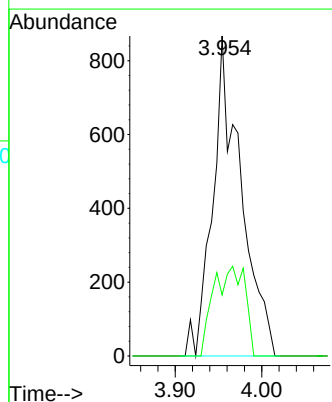
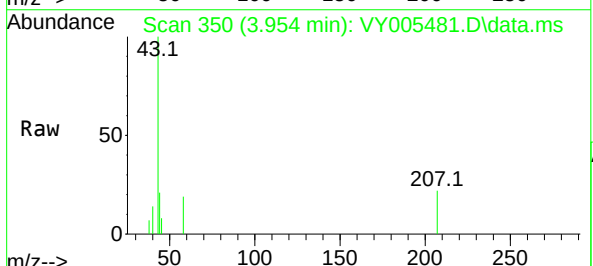
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

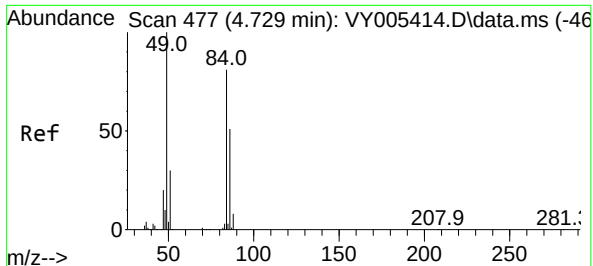
Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 14.6 55.2 82.8#



#16
Acetone
Concen: 3.811 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
58 19.0 24.5 36.7#





#20

Methylene Chloride

Concen: 6.105 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005481.D

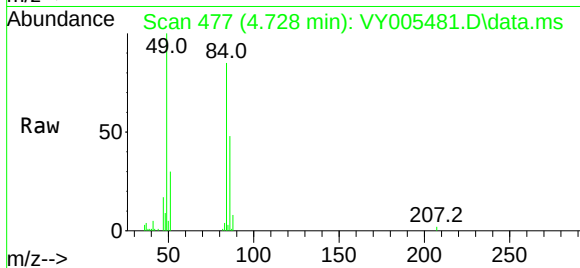
Acq: 28 Jul 2021 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBL01



Tgt Ion: 84 Resp: 21251

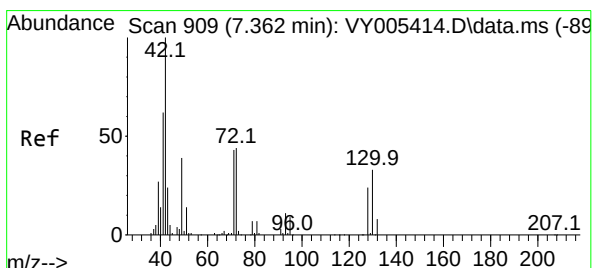
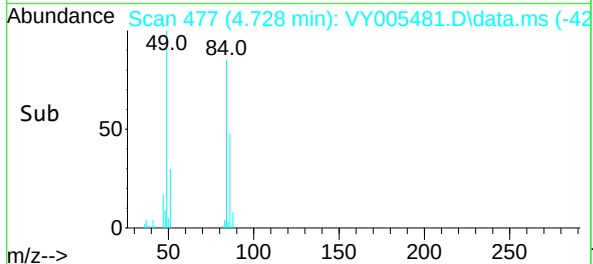
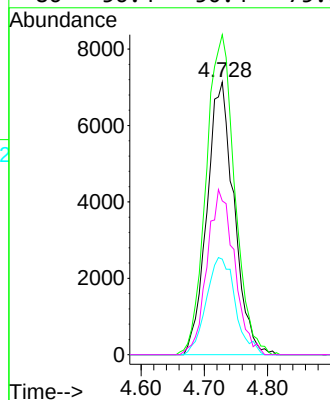
Ion Ratio Lower Upper

84 100

49 117.4 98.9 148.3

51 35.0 30.0 45.0

86 56.4 50.4 75.6



#29

Tetrahydrofuran

Concen: 1.171 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY005481.D

Acq: 28 Jul 2021 11:55

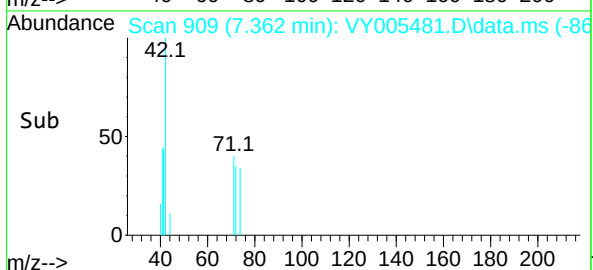
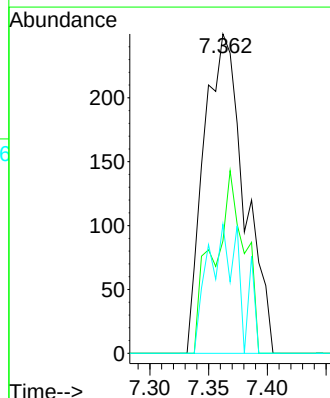
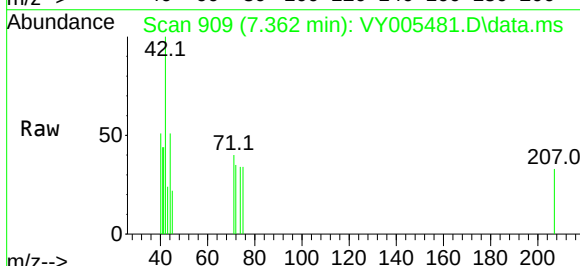
Tgt Ion: 42 Resp: 598

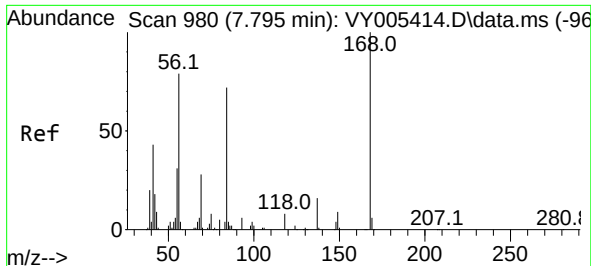
Ion Ratio Lower Upper

42 100

72 44.1 35.3 52.9

71 32.3 33.4 50.2#

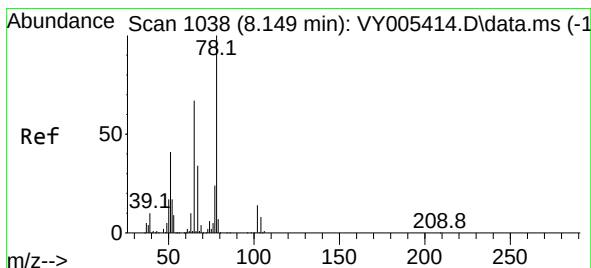
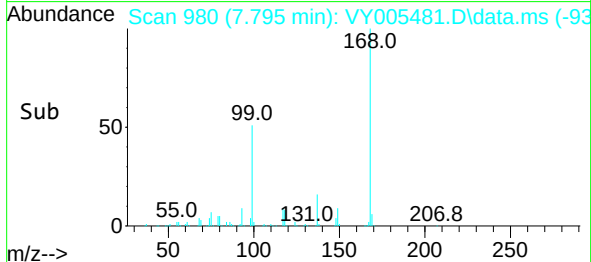
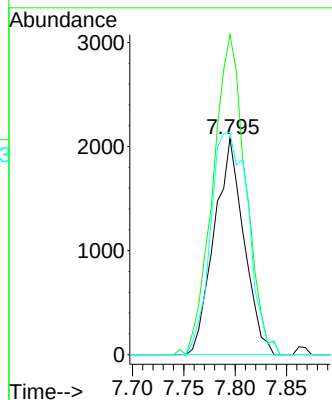
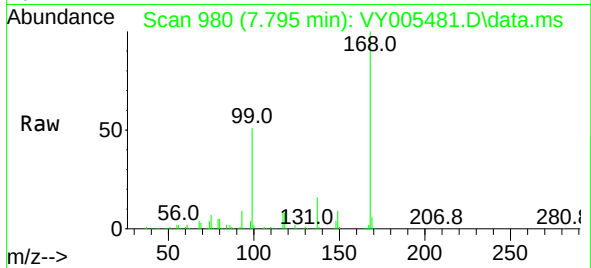




#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

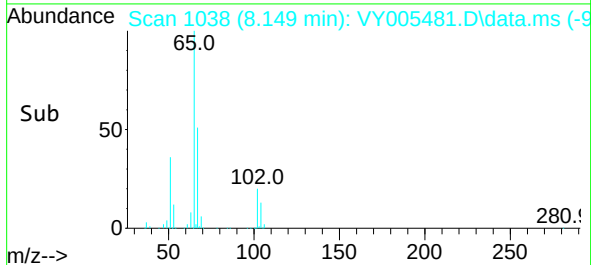
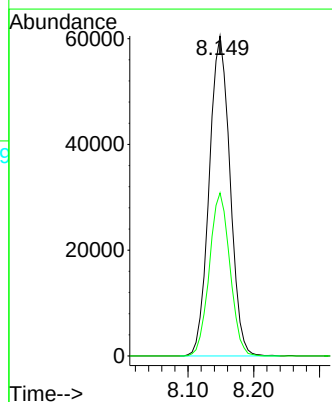
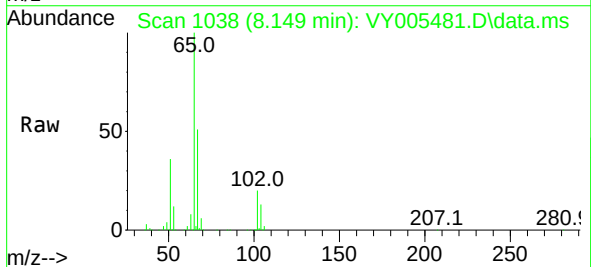
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

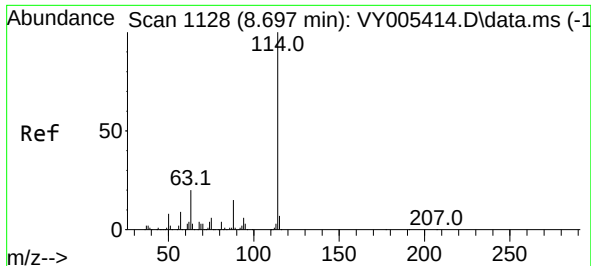
Tgt Ion: 56 Resp: 4179
Ion Ratio Lower Upper
56 100
69 148.0 28.7 43.1#
84 102.7 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 59.034 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

Tgt Ion: 65 Resp: 133065
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.2

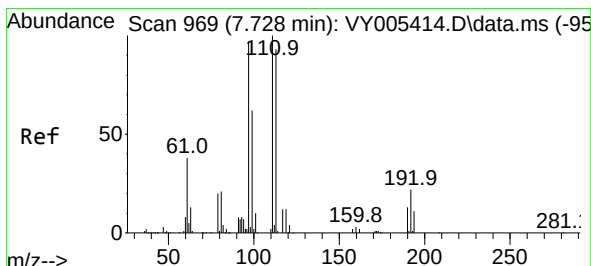
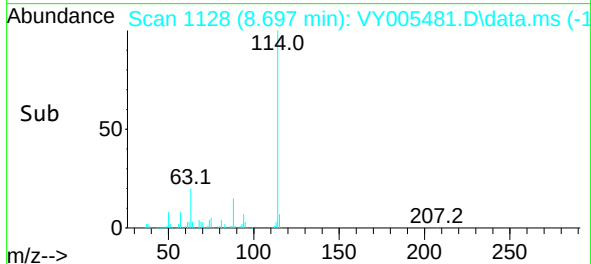
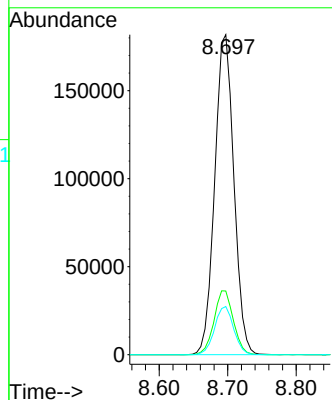
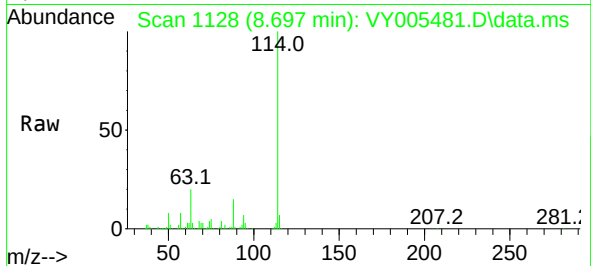




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

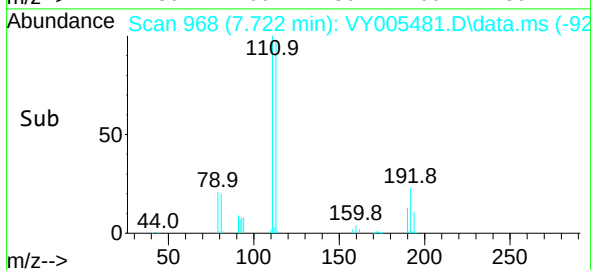
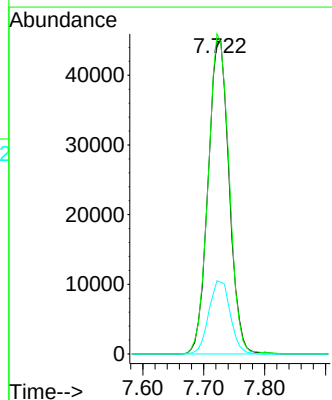
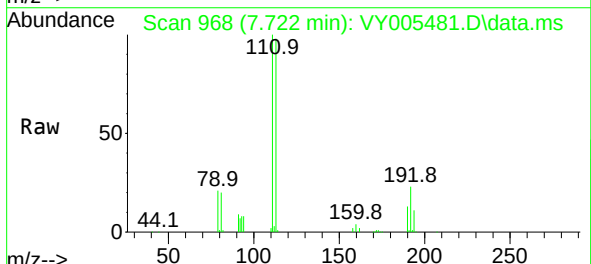
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

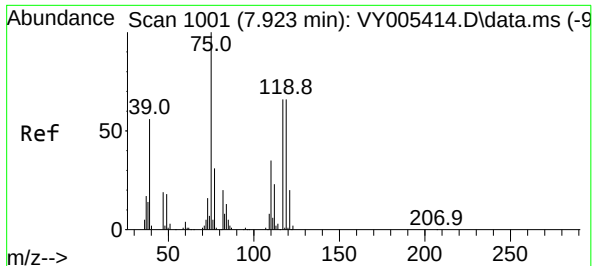
Tgt Ion:	114	Resp:	352377
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.193 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

Tgt Ion:	113	Resp:	108230
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	124.0
192	23.7	18.9	28.3





#36

1,1-Dichloropropene

Concen: 4.426 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005481.D

Acq: 28 Jul 2021 11:55

Tgt Ion: 75 Resp: 15080

Ion Ratio Lower Upper

75 100

110 8.9 17.6 52.9#

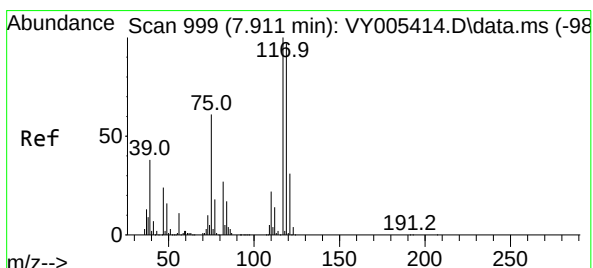
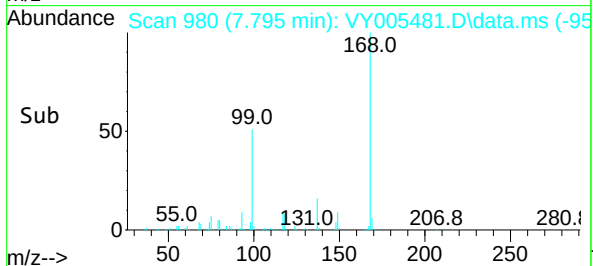
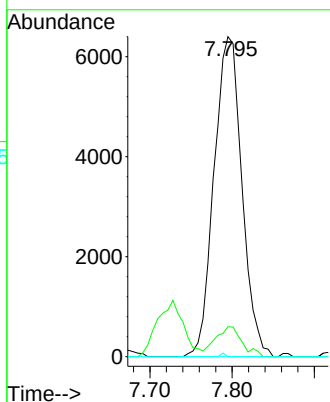
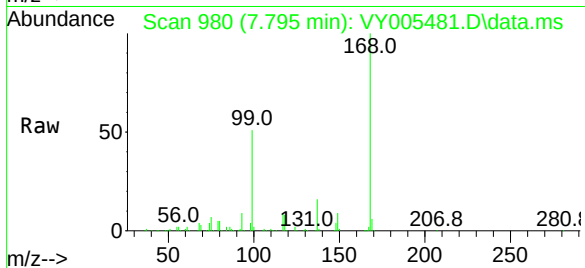
77 0.2 24.6 37.0#

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBL01



#38

Carbon Tetrachloride

Concen: 5.057 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005481.D

Acq: 28 Jul 2021 11:55

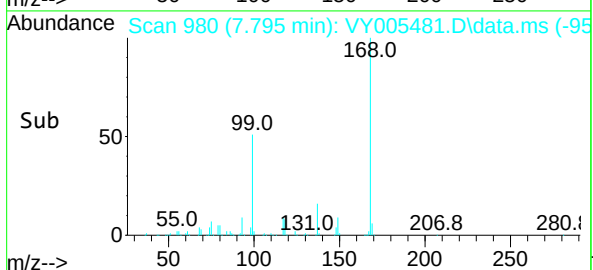
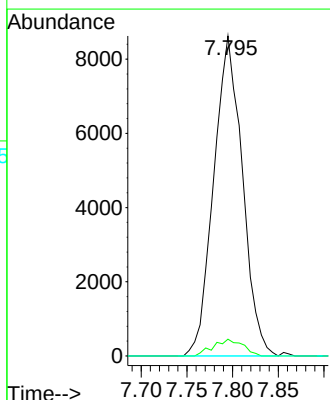
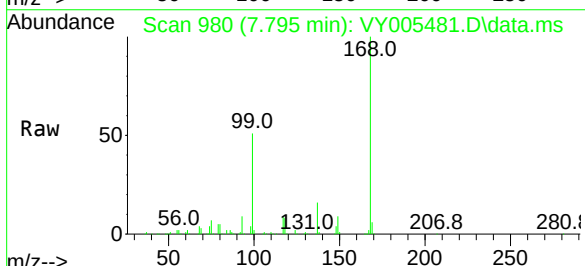
Tgt Ion: 117 Resp: 18829

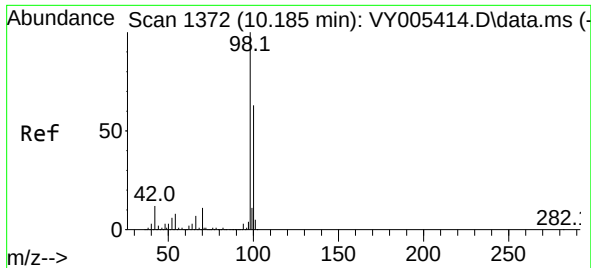
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 25.1 37.7#

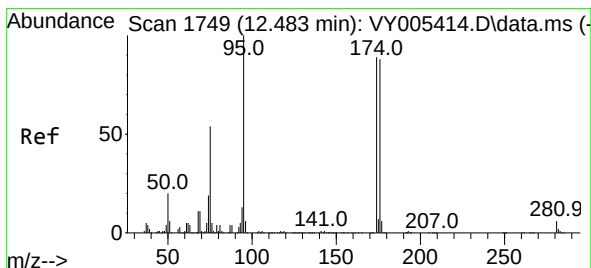
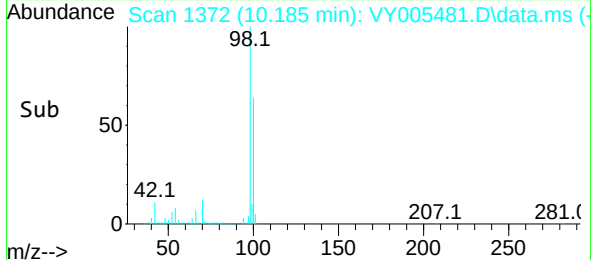
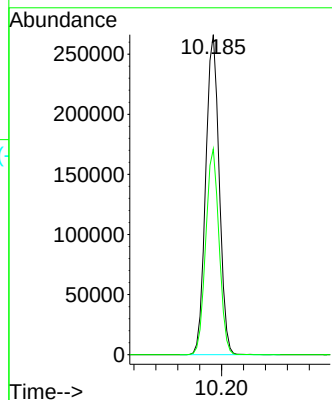
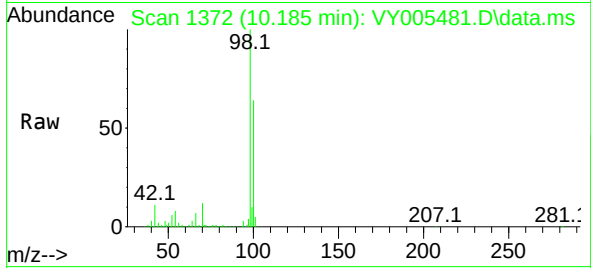




#50
Toluene-d8
Concen: 52.476 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

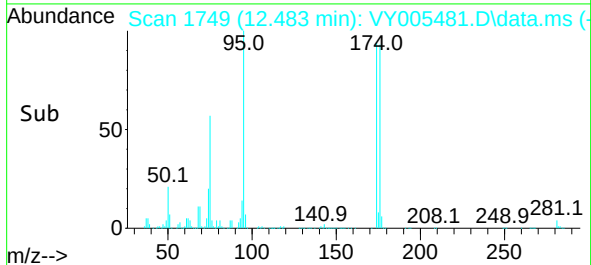
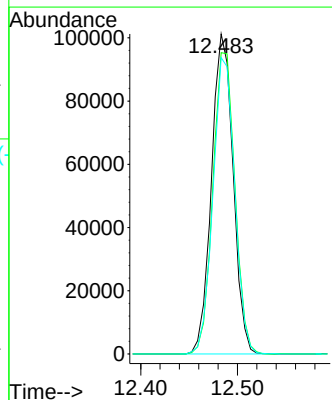
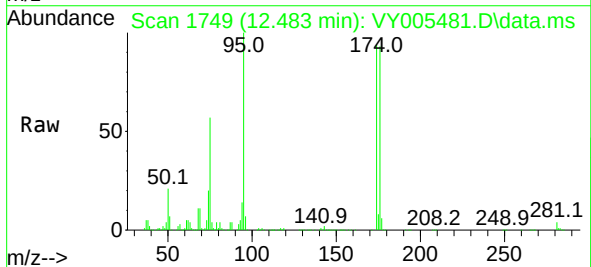
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

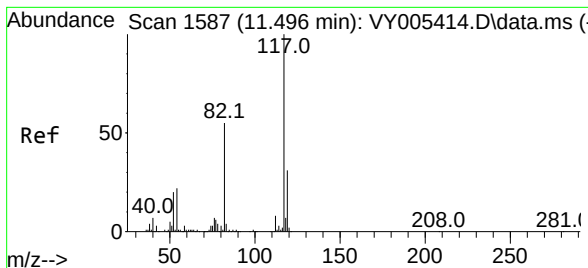
Tgt Ion: 98 Resp: 452533
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

Tgt Ion: 95 Resp: 156869
Ion Ratio Lower Upper
95 100
174 96.0 0.0 186.6
176 93.0 0.0 182.4

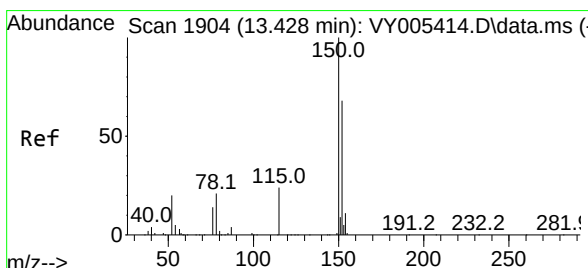
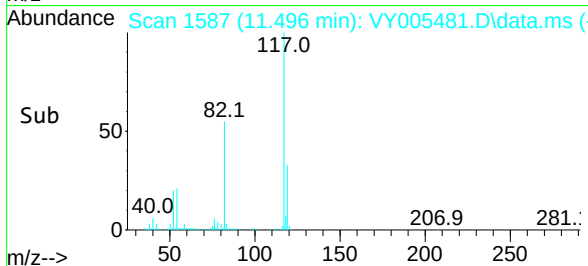
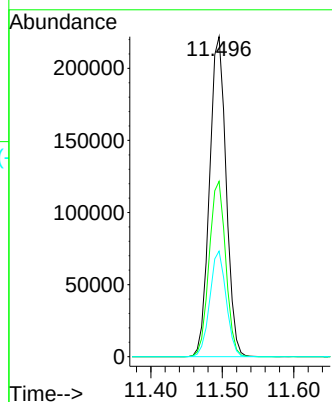
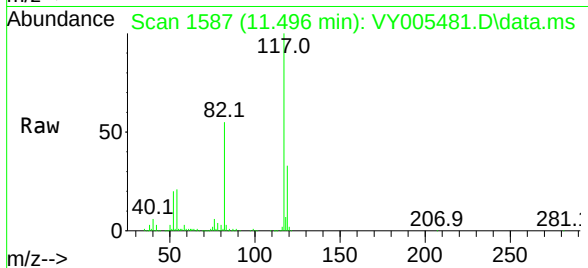




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

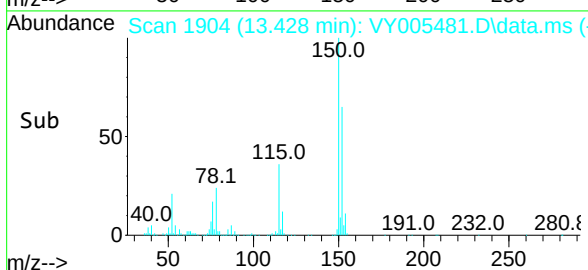
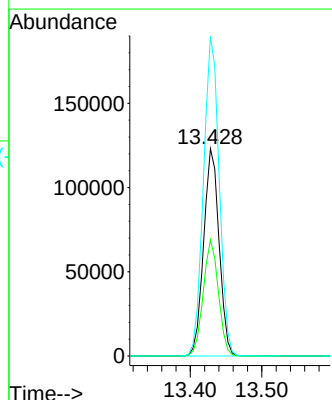
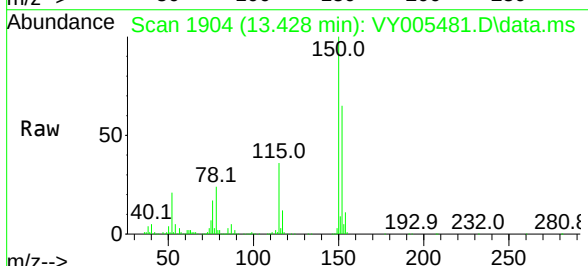
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

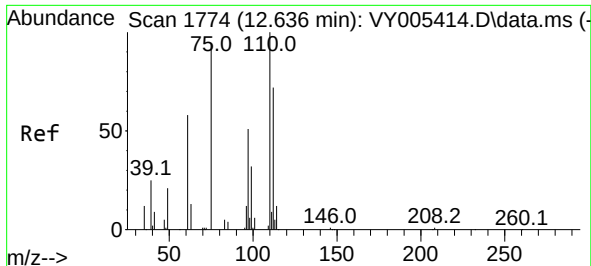
Tgt Ion:117 Resp: 357942
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.6
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

Tgt Ion:152 Resp: 184690
Ion Ratio Lower Upper
152 100
115 54.9 27.7 83.1
150 156.7 0.0 349.6

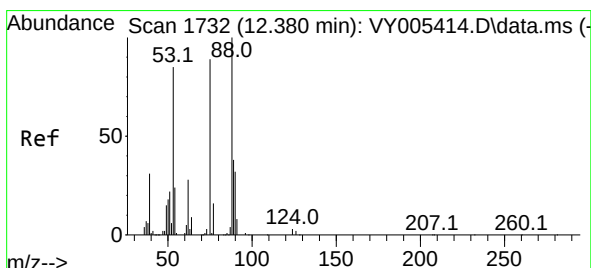
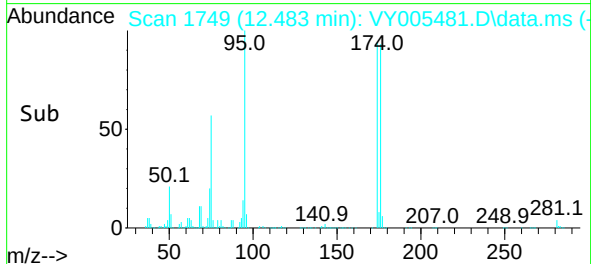
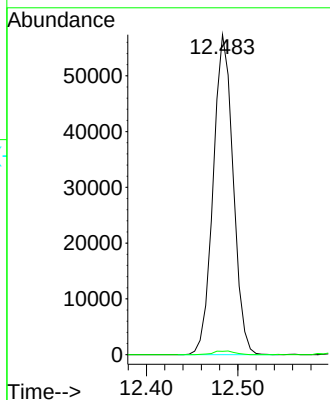
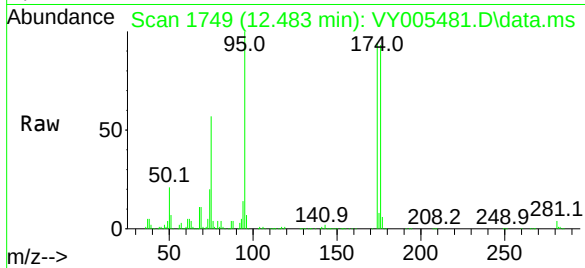




#76
1,2,3-Trichloropropane
Concen: 47.902 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

Tgt Ion: 75 Resp: 87053
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.013 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005481.D
Acq: 28 Jul 2021 11:55

Tgt Ion: 75 Resp: 87053
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#

