

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005163.D
 Acq On : 17 Jun 2021 17:43
 Operator : SY/MD
 Sample : M2748-07
 Misc : 5.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:03:59 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	148662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132915	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100915	70.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.420%
35) Dibromofluoromethane	7.728	113	84961	73.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.240%
50) Toluene-d8	10.185	98	335873	58.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.240%
62) 4-Bromofluorobenzene	12.483	95	118373	60.903	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.800%

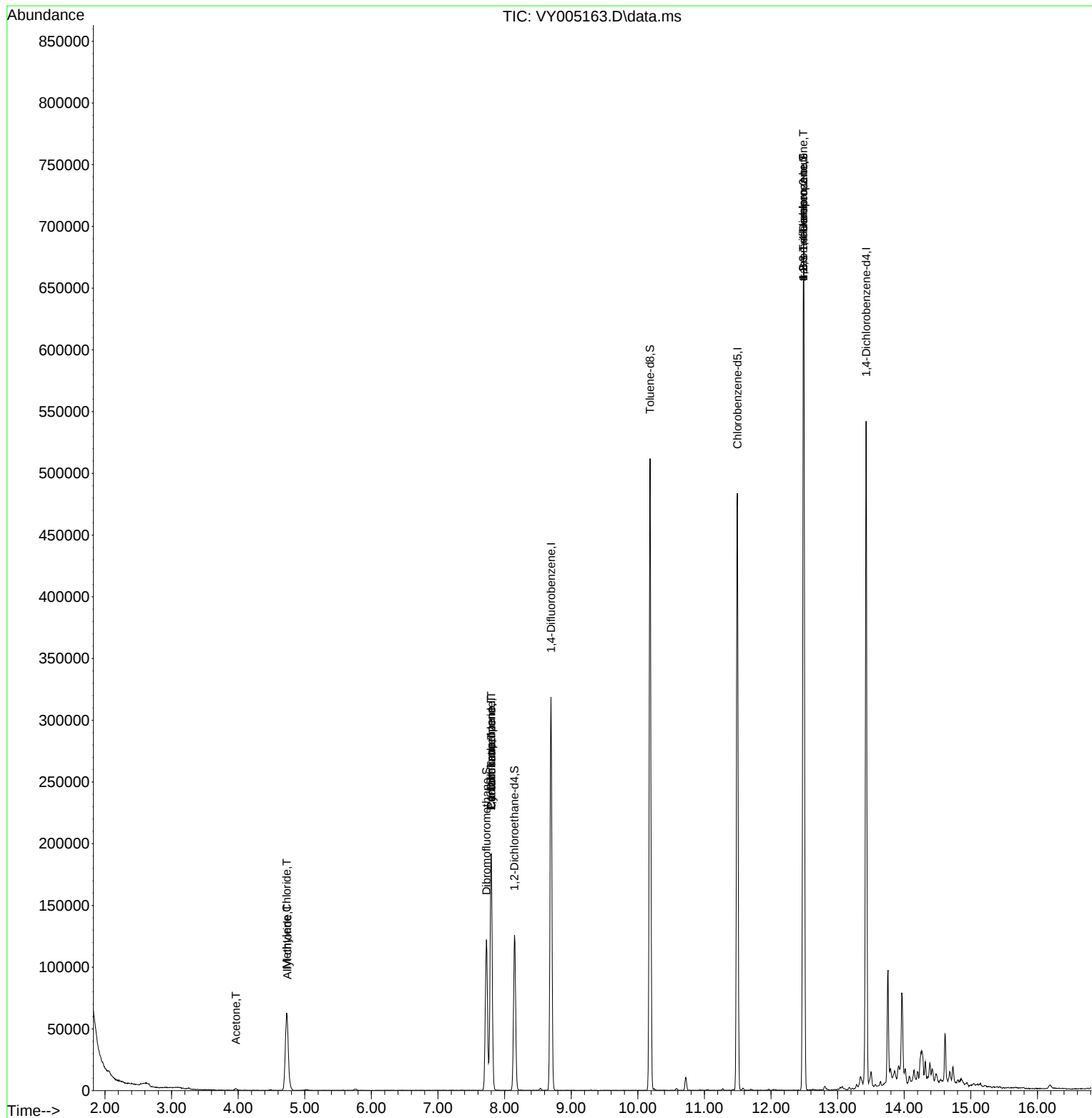
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.978	59	287	Below Cal	#	74
14) Allyl chloride	4.741	41	2057	1.024	ug/l #	21
16) Acetone	3.966	43	2262	7.737	ug/l	98
20) Methylene Chloride	4.728	84	48678	27.252	ug/l	92
31) Cyclohexane	7.801	56	3056	1.250	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	11468	4.617	ug/l #	49
38) Carbon Tetrachloride	7.801	117	14525	5.507	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	65562	55.106	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65562	102.804	ug/l #	12

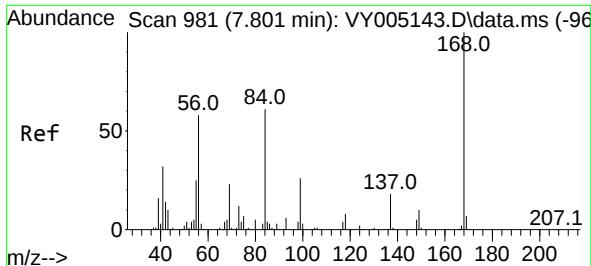
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
Data File : VY005163.D
Acq On : 17 Jun 2021 17:43
Operator : SY/MD
Sample : M2748-07
Misc : 5.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 18 03:03:59 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

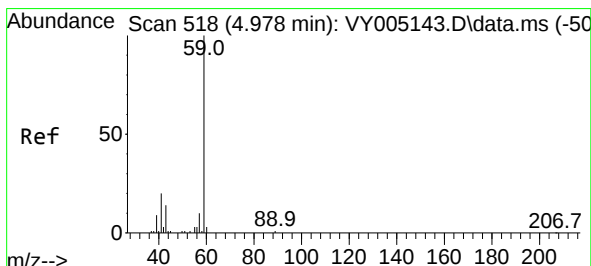
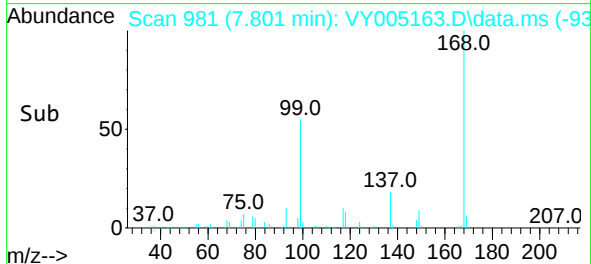
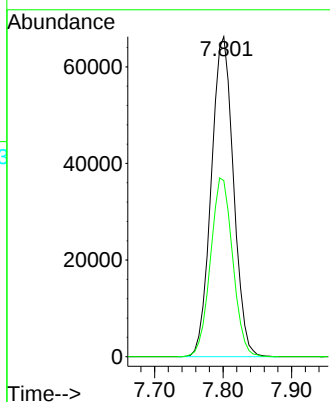
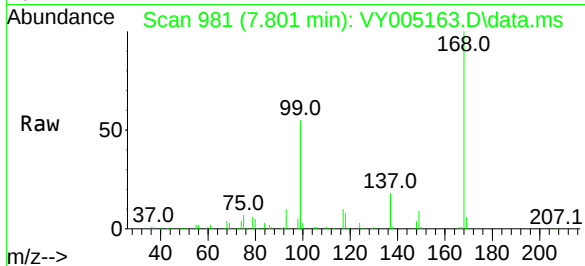




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

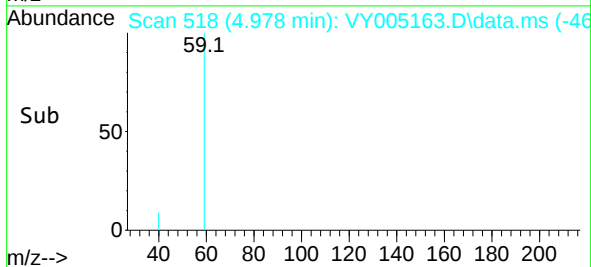
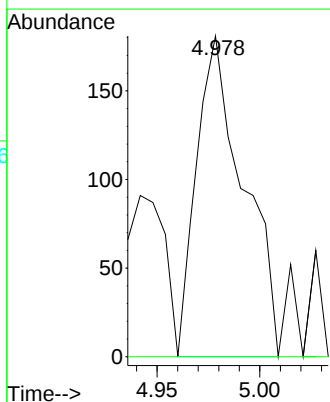
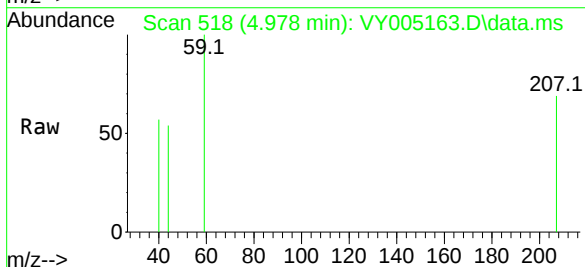
Instrument :
MSVOA_Y
ClientSampleId :

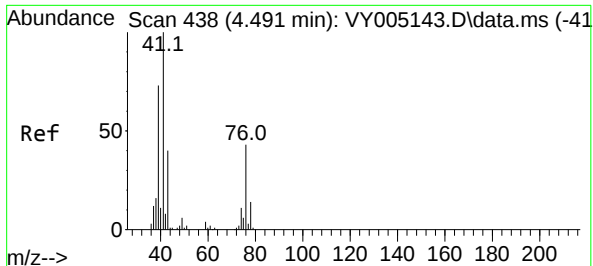
Tgt Ion:168 Resp: 148662
Ion Ratio Lower Upper
168 100
99 55.1 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

Tgt Ion: 59 Resp: 287
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#14

Allyl chloride

Concen: 1.024 ug/l

RT: 4.741 min Scan# 479

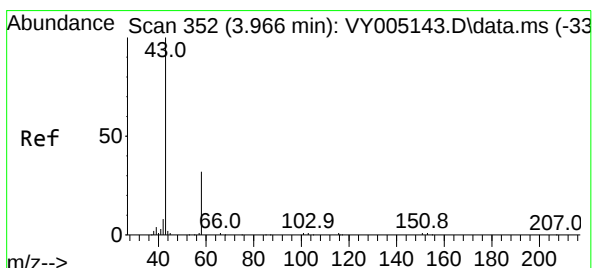
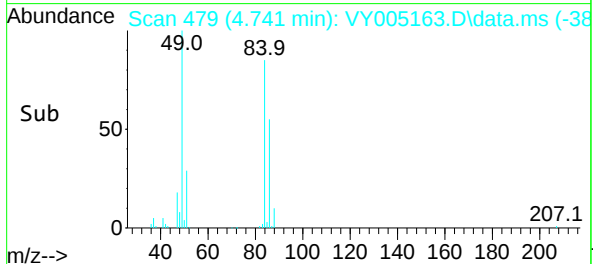
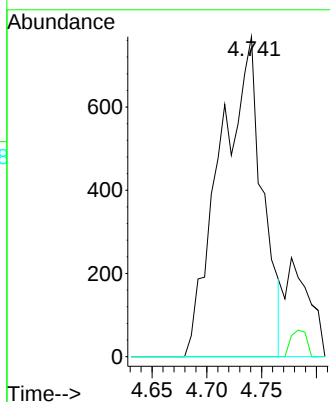
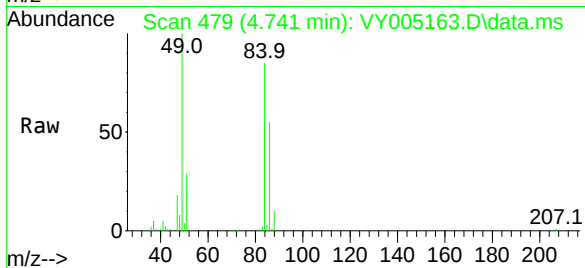
Delta R.T. 0.250 min

Lab File: VY005163.D

Acq: 17 Jun 2021 17:43

Tgt Ion: 41	Resp: 2057
Ion Ratio	Lower Upper
41 100	
39 0.0	58.1 87.1#
76 0.0	34.4 51.6#

Instrument :
MSVOA_Y
ClientSampled :



#16

Acetone

Concen: 7.737 ug/l

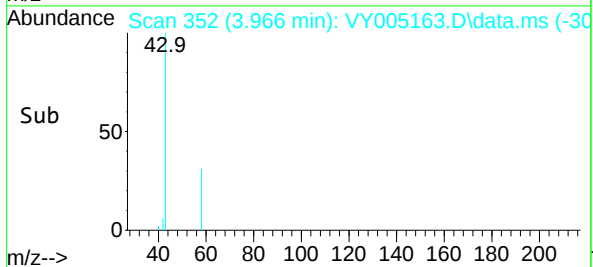
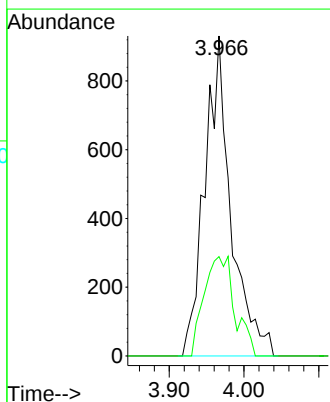
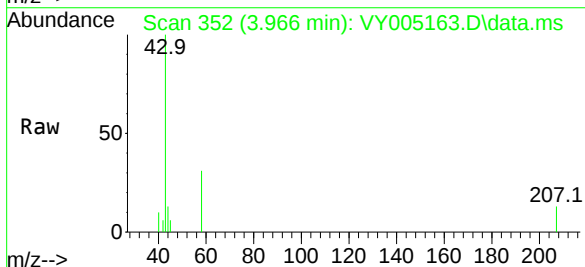
RT: 3.966 min Scan# 352

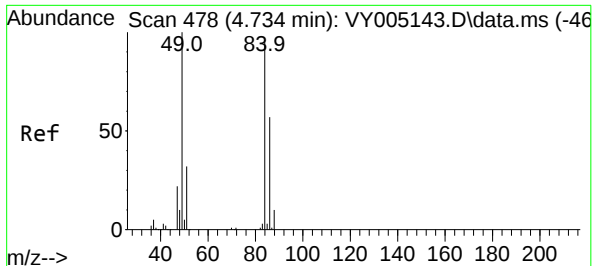
Delta R.T. 0.000 min

Lab File: VY005163.D

Acq: 17 Jun 2021 17:43

Tgt Ion: 43	Resp: 2262
Ion Ratio	Lower Upper
43 100	
58 31.0	25.6 38.4





#20

Methylene Chloride

Concen: 27.252 ug/l

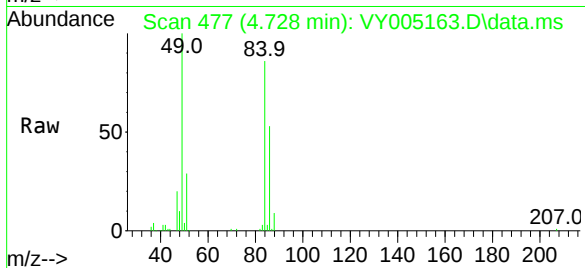
RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY005163.D

Acq: 17 Jun 2021 17:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 48678

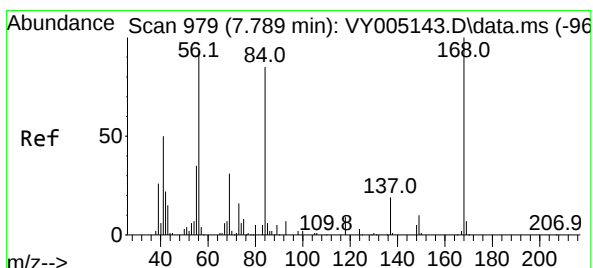
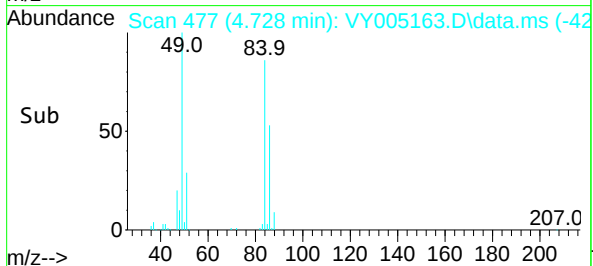
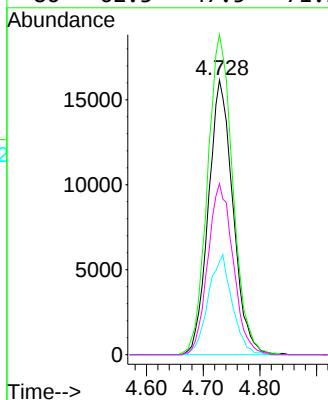
Ion Ratio Lower Upper

84 100

49 116.6 83.4 125.2

51 33.8 26.8 40.2

86 62.3 47.5 71.3



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY005163.D

Acq: 17 Jun 2021 17:43

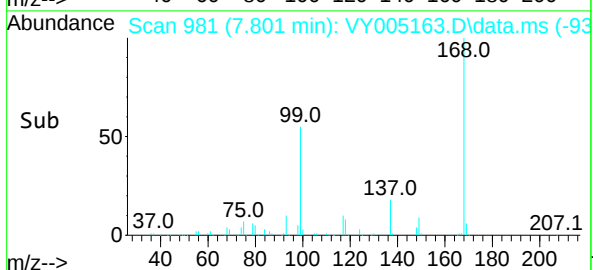
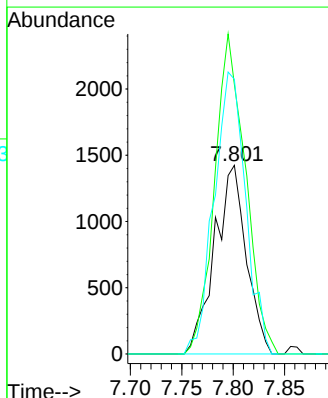
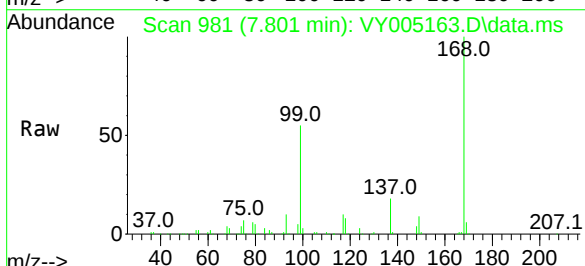
Tgt Ion: 56 Resp: 3056

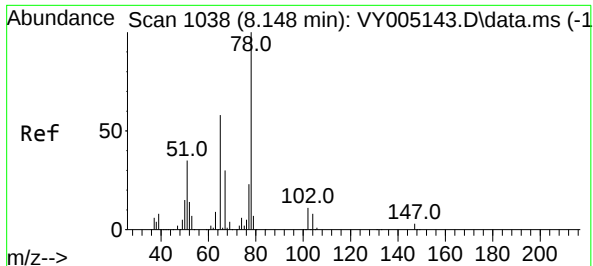
Ion Ratio Lower Upper

56 100

69 142.9 26.3 39.5#

84 145.6 73.2 109.8#

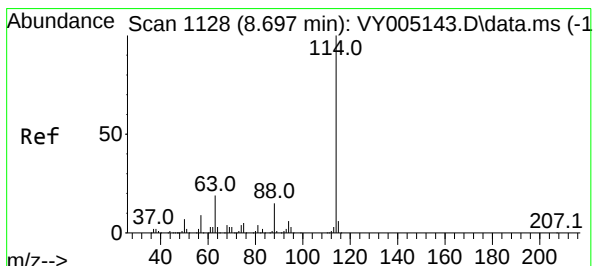
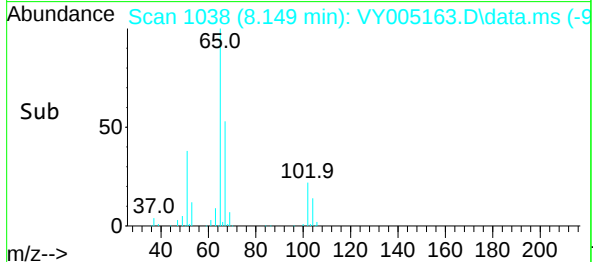
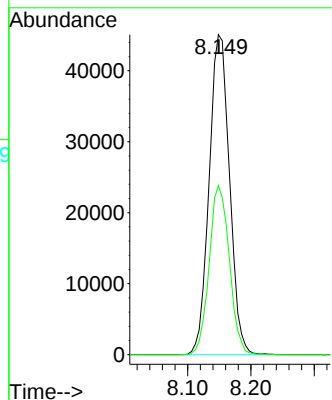
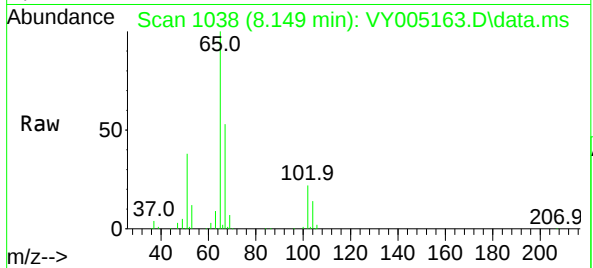




#33
1,2-Dichloroethane-d4
Concen: 70.206 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

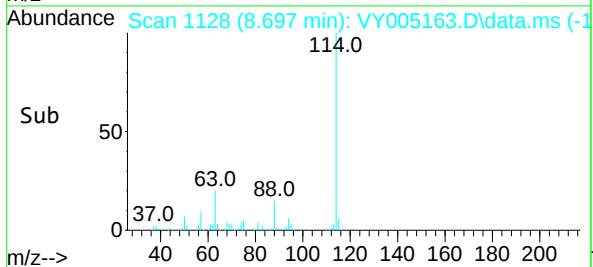
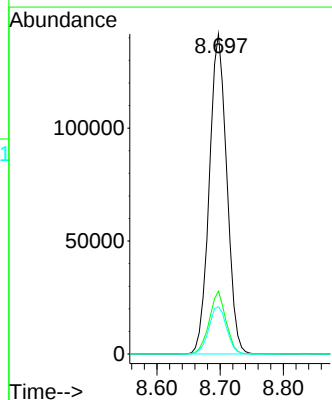
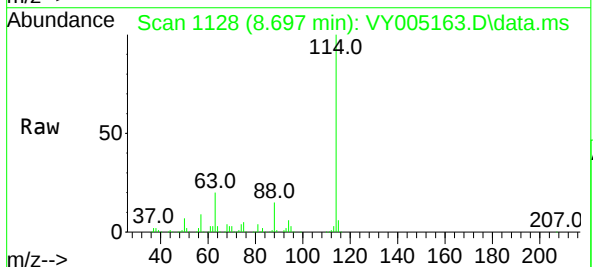
Instrument :
MSVOA_Y
ClientSampled :

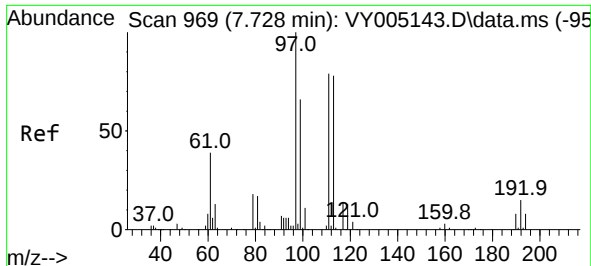
Tgt Ion: 65 Resp: 100915
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

Tgt Ion: 114 Resp: 271266
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.6
88 14.7 0.0 29.6

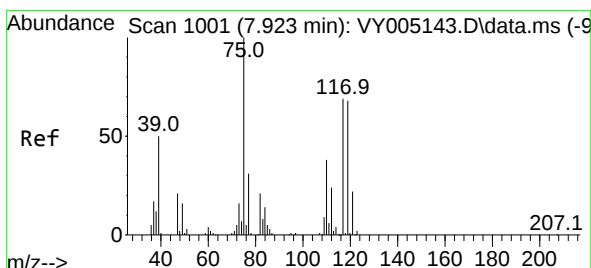
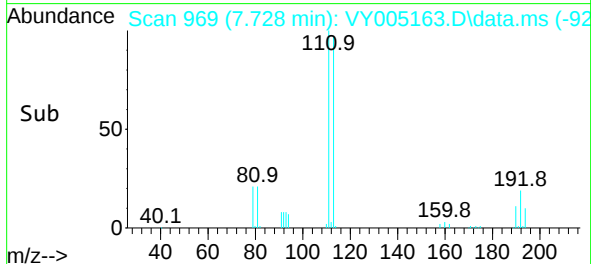
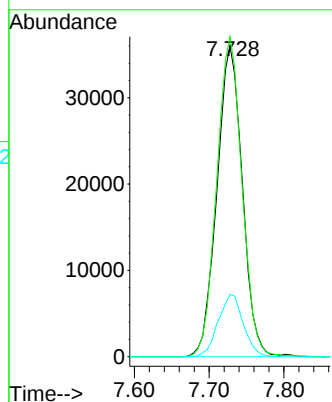
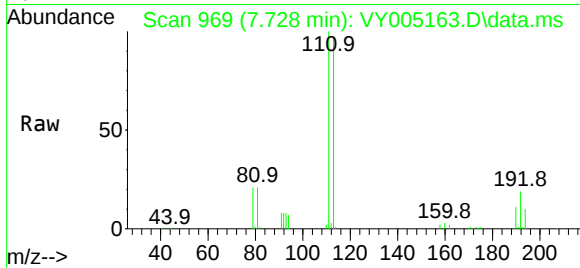




#35
Dibromofluoromethane
Concen: 73.120 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

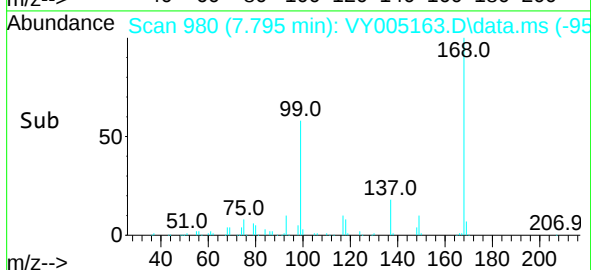
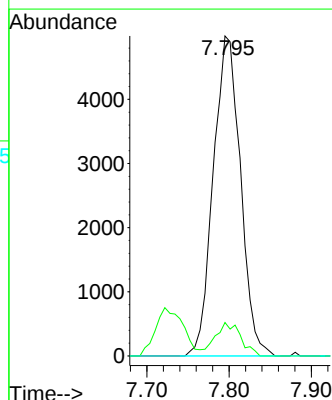
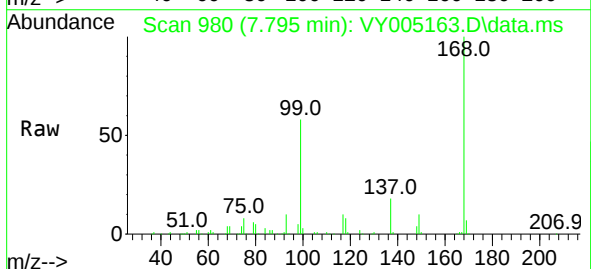
Instrument :
MSVOA_Y
ClientSampleId :

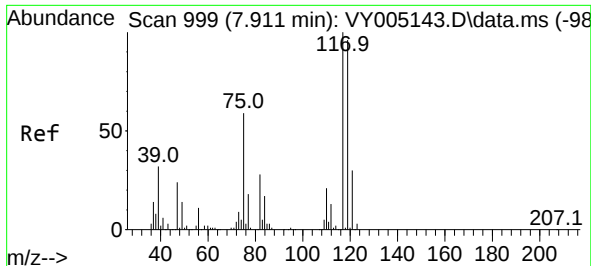
Tgt Ion:	113	Resp:	84961
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	19.8	16.2	24.2



#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

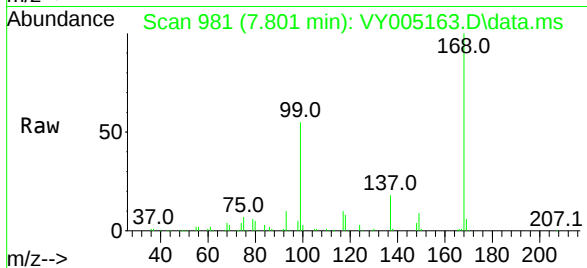
Tgt Ion:	75	Resp:	11468
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.8	56.3#
77	0.0	24.6	36.8#



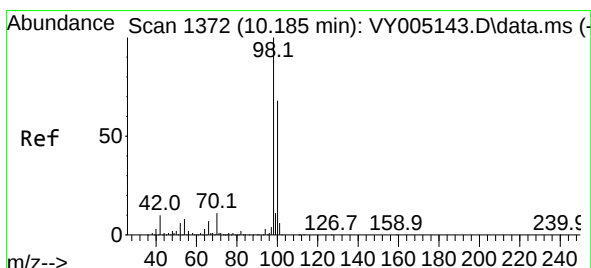
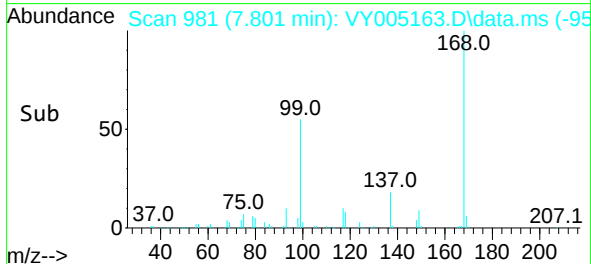
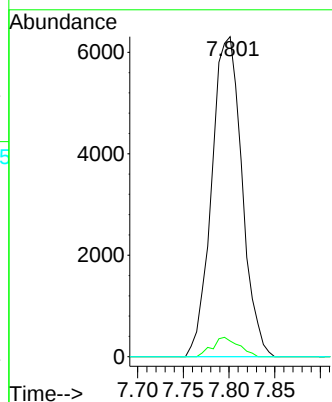


#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

Instrument :
MSVOA_Y
ClientSampleId :

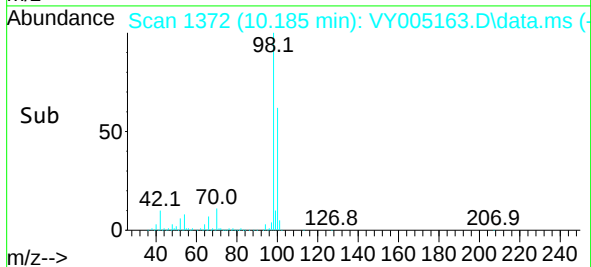
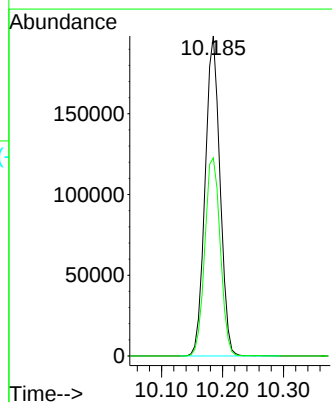
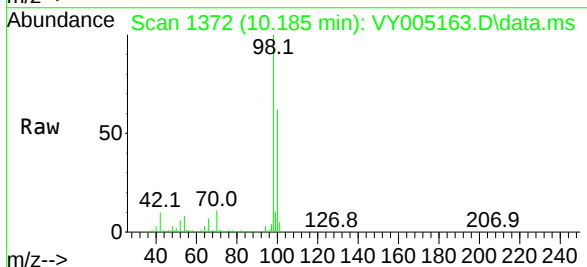


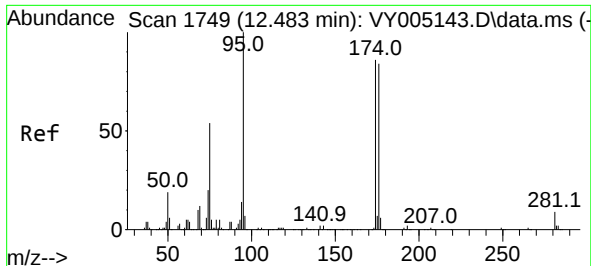
Tgt Ion:117 Resp: 14525
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 58.118 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

Tgt Ion: 98 Resp: 335873
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

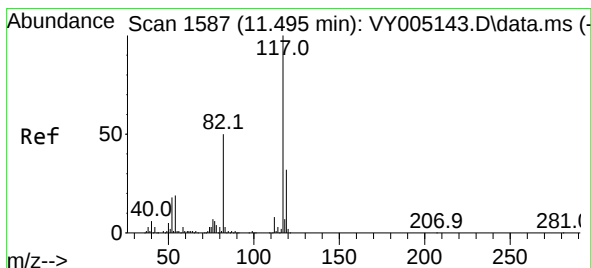
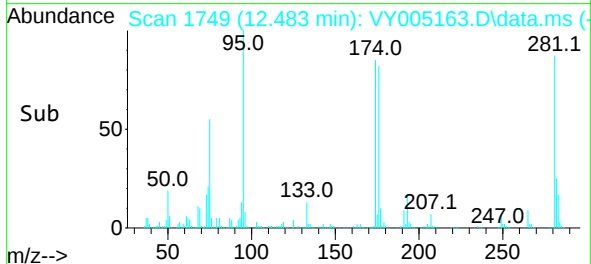
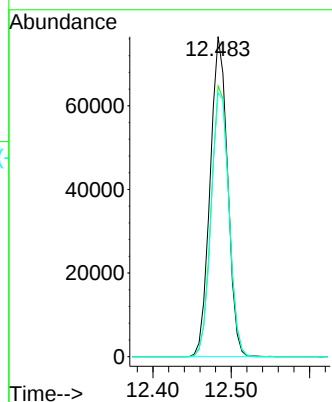
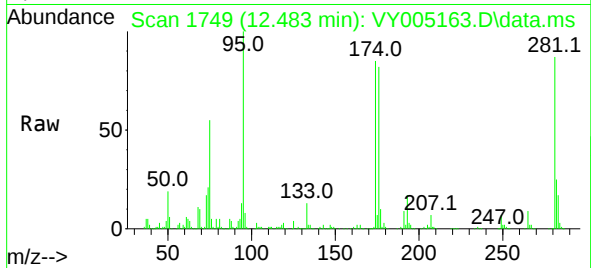




#62
4-Bromofluorobenzene
Concen: 60.903 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

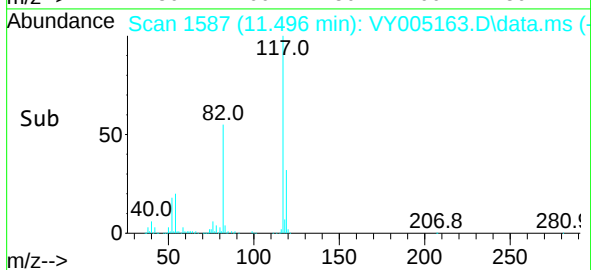
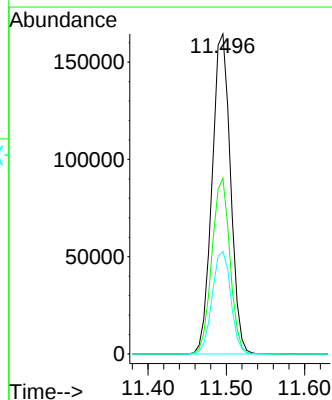
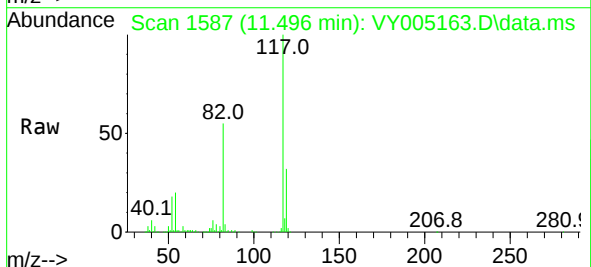
Instrument :
MSVOA_Y
ClientSampled :

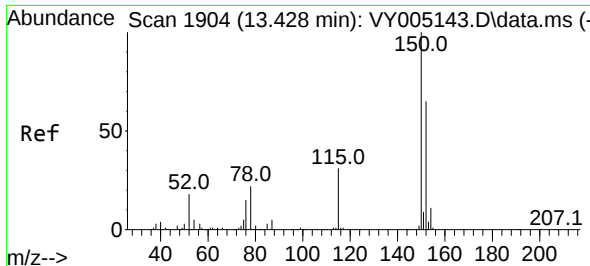
Tgt Ion: 95 Resp: 118373
Ion Ratio Lower Upper
95 100
174 86.0 0.0 179.2
176 84.4 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

Tgt Ion: 117 Resp: 268711
Ion Ratio Lower Upper
117 100
82 54.9 39.8 59.6
119 32.0 25.9 38.9

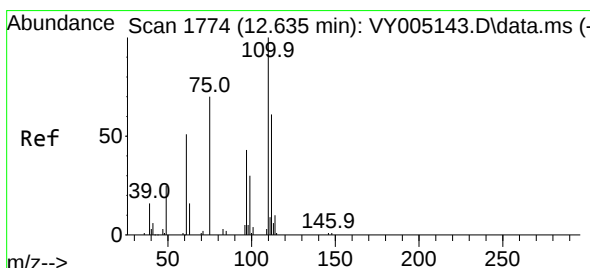
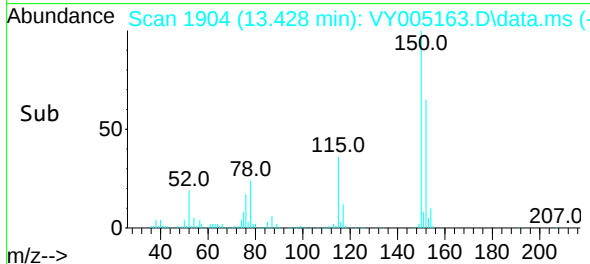
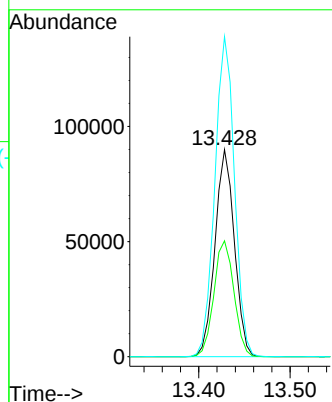
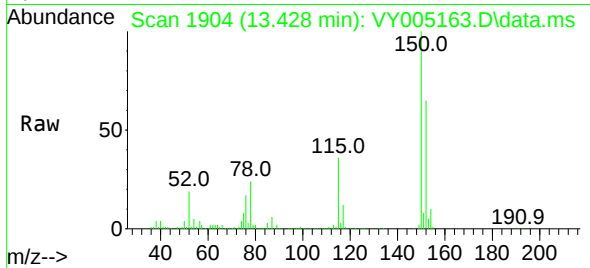




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

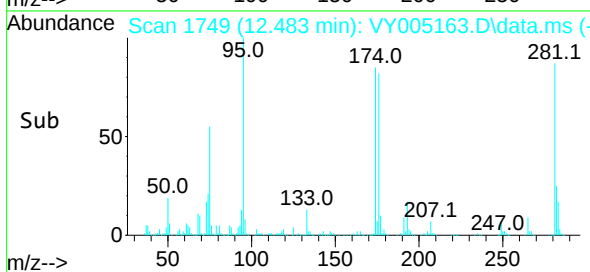
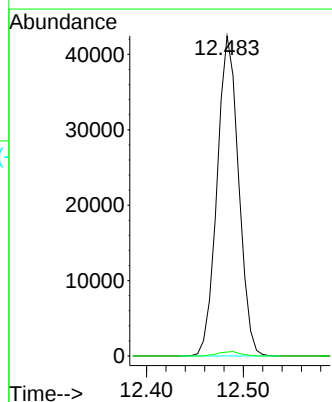
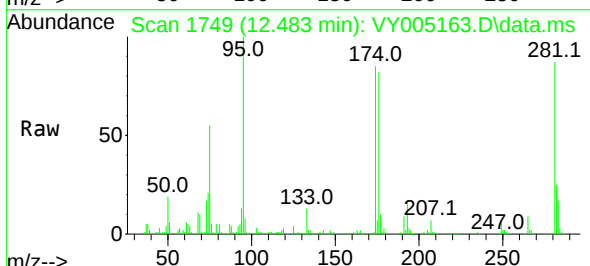
Instrument :
MSVOA_Y
ClientSampled :

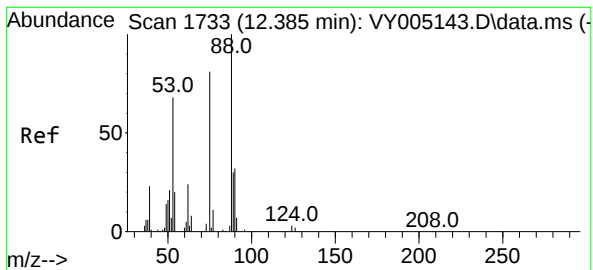
Tgt Ion:152 Resp: 132915
Ion Ratio Lower Upper
152 100
115 57.7 29.5 88.6
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 55.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005163.D
Acq: 17 Jun 2021 17:43

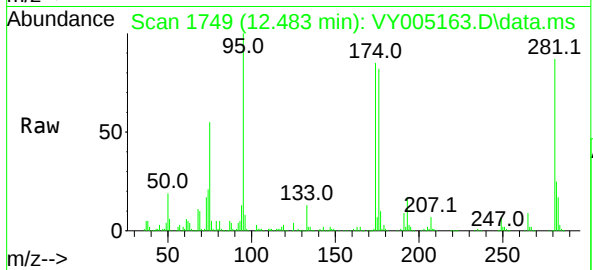
Tgt Ion: 75 Resp: 65562
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.804 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005163.D
 Acq: 17 Jun 2021 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	65562
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	1.9	44.1	66.1#

