

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004145.D
 Acq On : 19 Mar 2021 19:04
 Operator : SY/MD
 Sample : M1746-04
 Misc : 5.87g/5mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-18.5-19.0

Quant Time: Mar 20 03:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	150982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80158	53.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.60%
35) Dibromofluoromethane	7.734	113	74429	53.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.34%
50) Toluene-d8	10.185	98	291288	53.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.14%
62) 4-Bromofluorobenzene	12.483	95	104141	51.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.76%

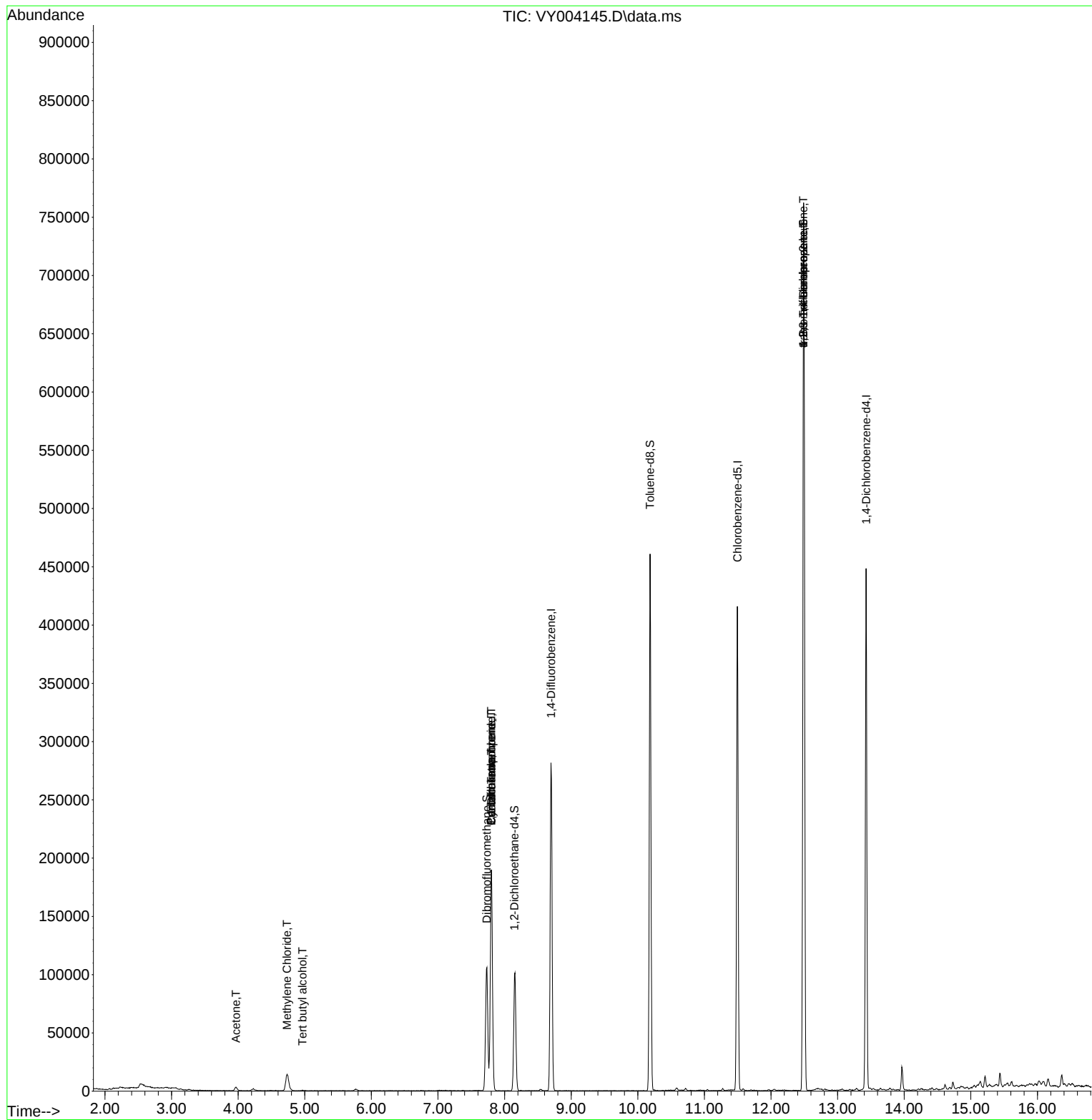
Target Compounds					Qvalue
3) Chloromethane	2.125	50	333	Below Cal	# 43
11) Tert butyl alcohol	4.966	59	526	3.90 ug/l	# 76
16) Acetone	3.966	43	5173	14.38 ug/l	# 91
20) Methylene Chloride	4.735	84	11229	3.05 ug/l	# 87
31) Cyclohexane	7.801	56	2955	1.13 ug/l	# 3
36) 1,1-Dichloropropene	7.801	75	10621	4.87 ug/l	# 51
38) Carbon Tetrachloride	7.801	117	14384	6.22 ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	58803	54.93 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58803	108.42 ug/l	# 14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
Data File : VY004145.D
Acq On : 19 Mar 2021 19:04
Operator : SY/MD
Sample : M1746-04
Misc : 5.87g/5mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

Quant Time: Mar 20 03:16:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

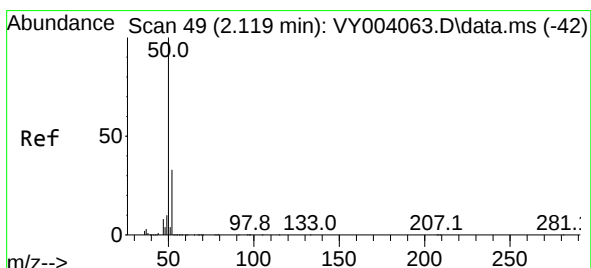
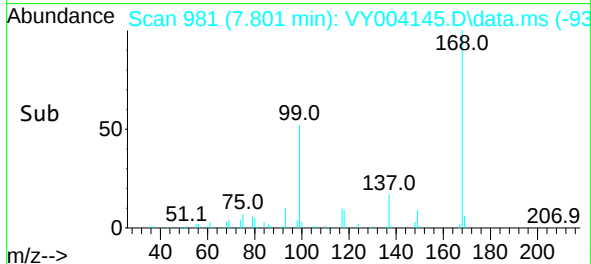
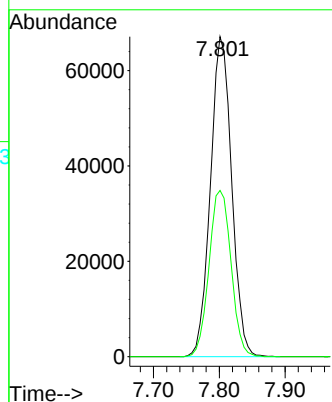
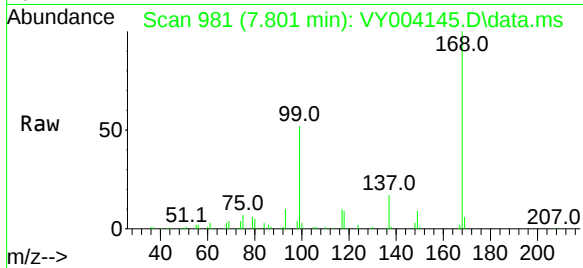




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

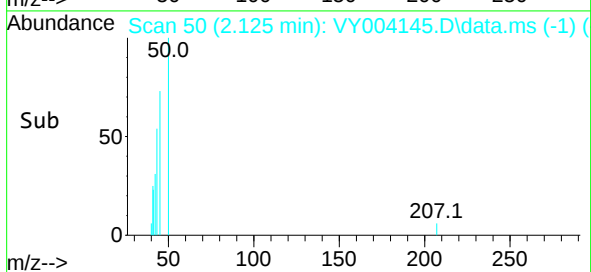
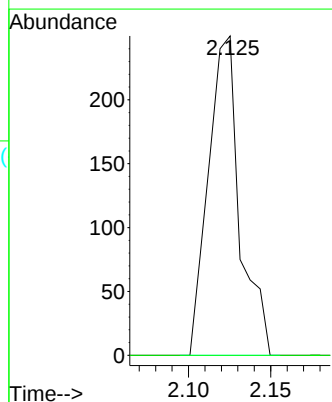
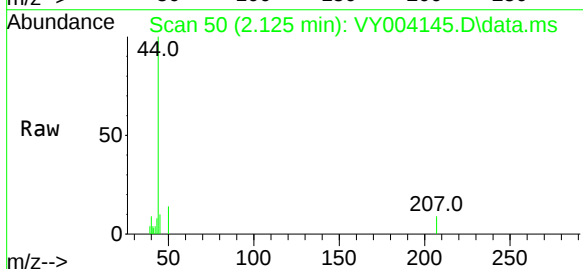
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

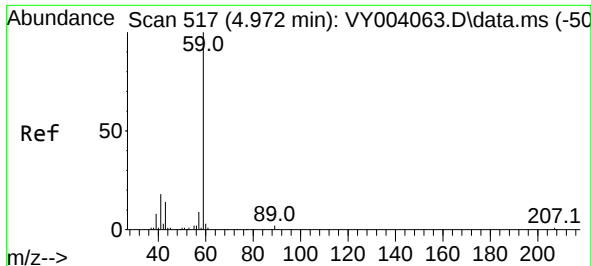
Tgt Ion:168 Resp: 150982
Ion Ratio Lower Upper
168 100
99 51.9 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

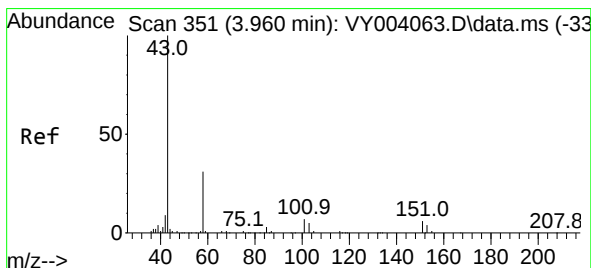
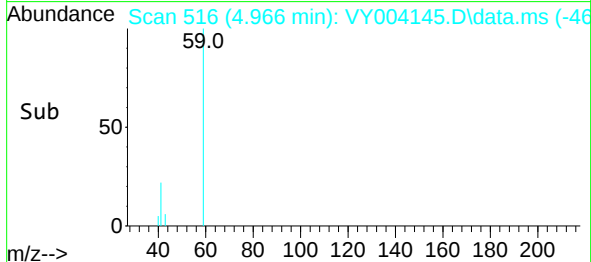
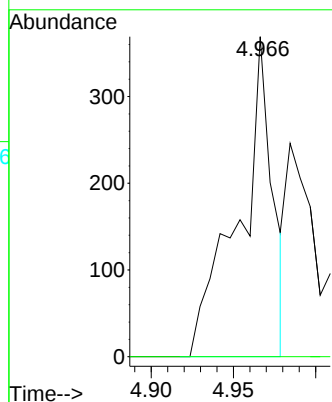
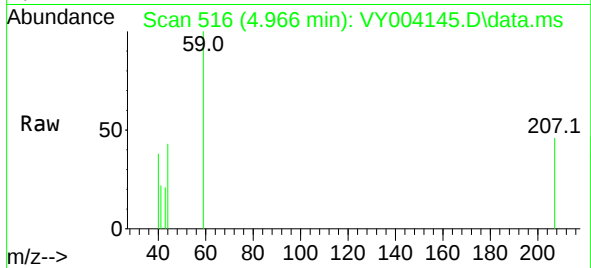




#11
Tert butyl alcohol
Concen: 3.90 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

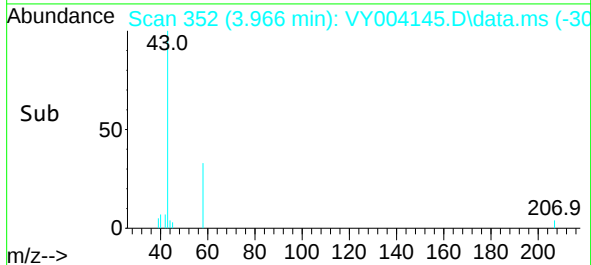
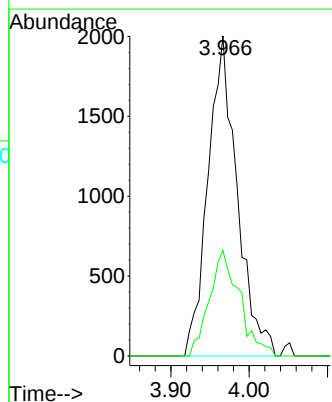
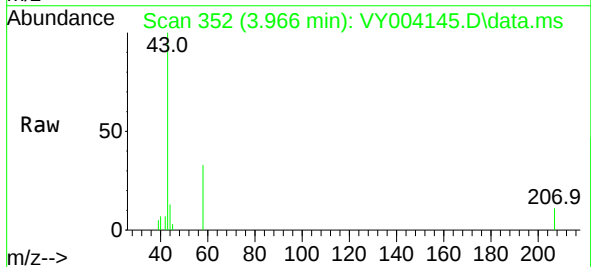
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

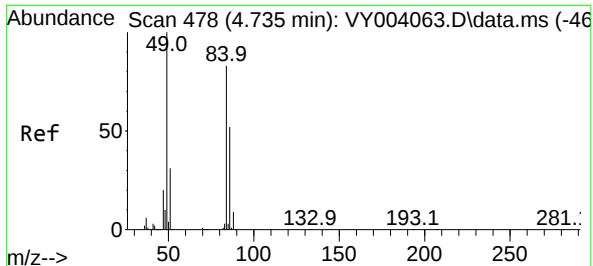
Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 14.38 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

Tgt Ion: 43 Resp: 5173
Ion Ratio Lower Upper
43 100
58 33.0 22.6 34.0





#20

Methylene Chloride

Concen: 3.05 ug/l

RT: 4.735 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY004145.D

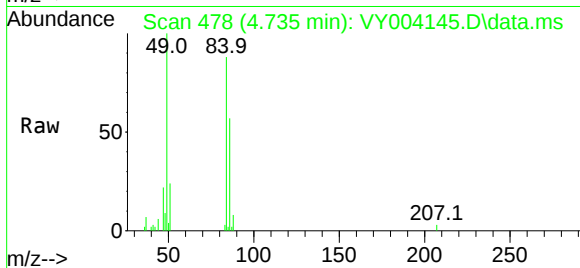
Acq: 19 Mar 2021 19:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-18.5-19.0



Tgt Ion: 84 Resp: 11229

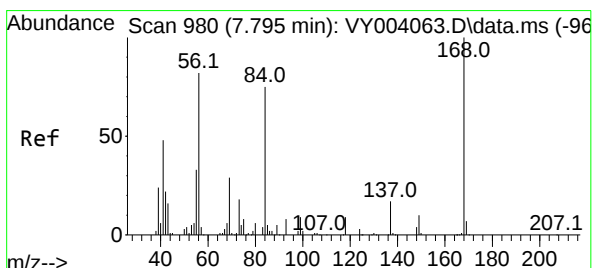
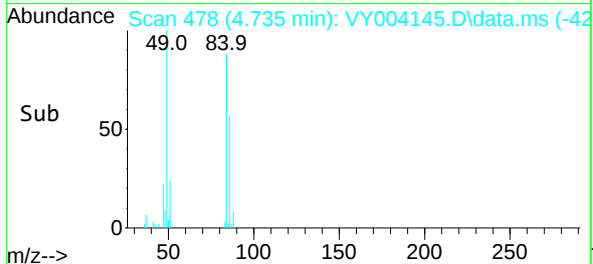
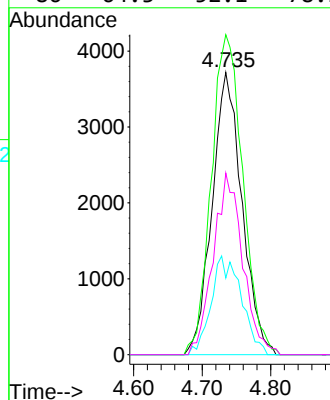
Ion Ratio Lower Upper

84 100

49 113.4 105.8 158.6

51 27.2 32.6 48.8#

86 64.3 52.1 78.1



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY004145.D

Acq: 19 Mar 2021 19:04

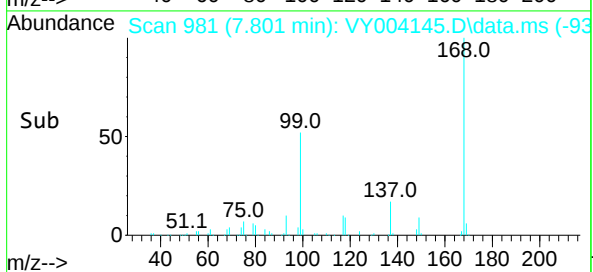
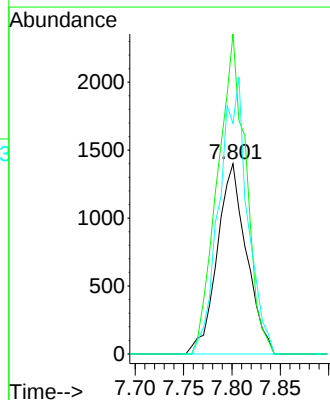
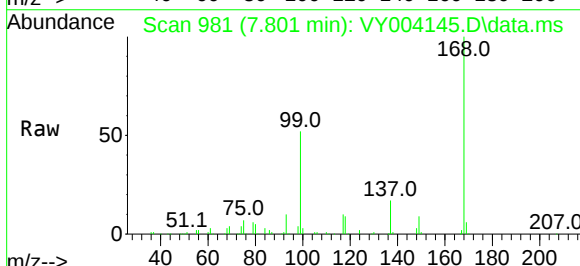
Tgt Ion: 56 Resp: 2955

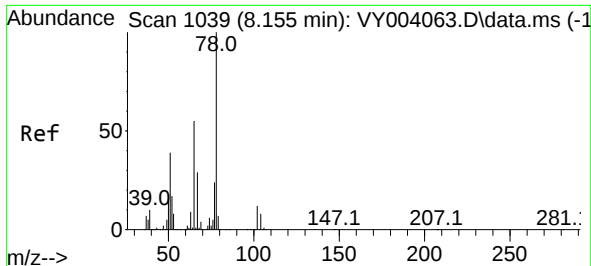
Ion Ratio Lower Upper

56 100

69 168.2 25.3 37.9#

84 121.2 67.3 100.9#

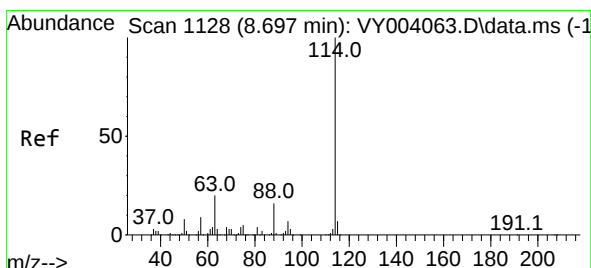
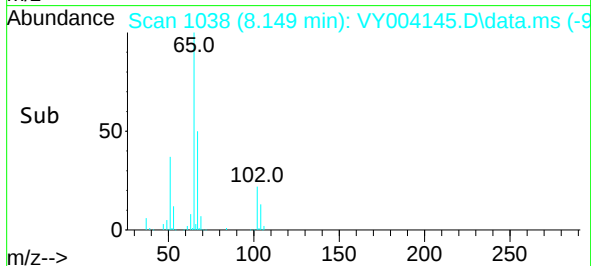
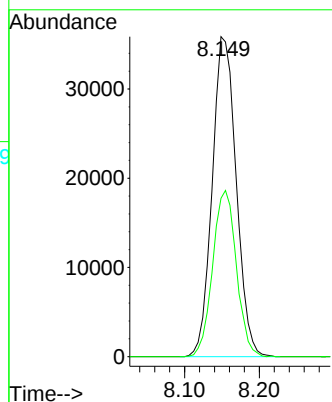
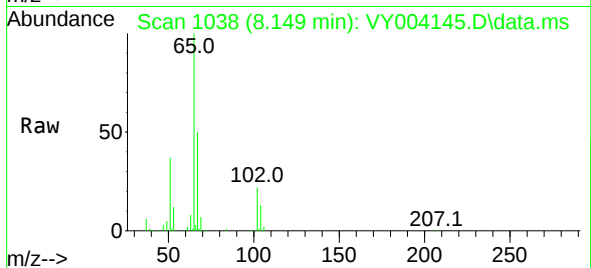




#33
1,2-Dichloroethane-d4
Concen: 53.80 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

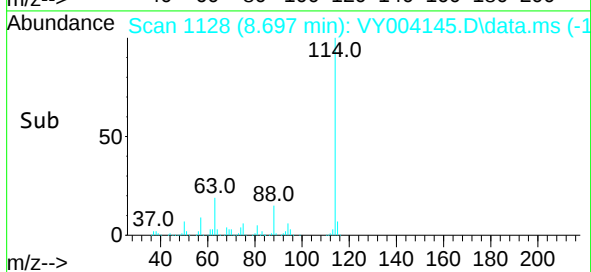
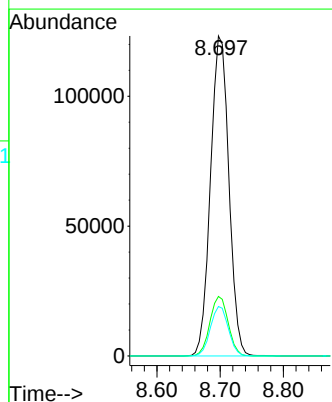
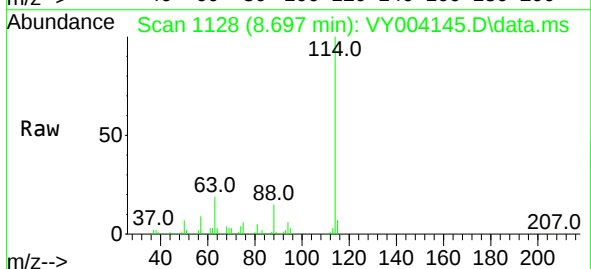
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

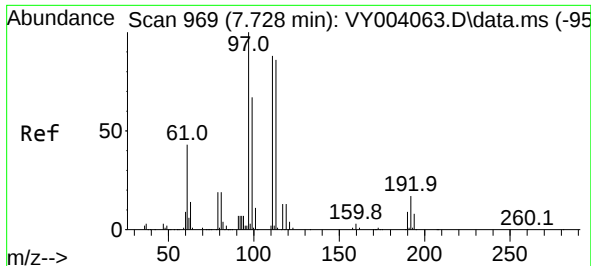
Tgt Ion: 65 Resp: 80158
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

Tgt Ion: 114 Resp: 248253
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 15.4 0.0 31.4

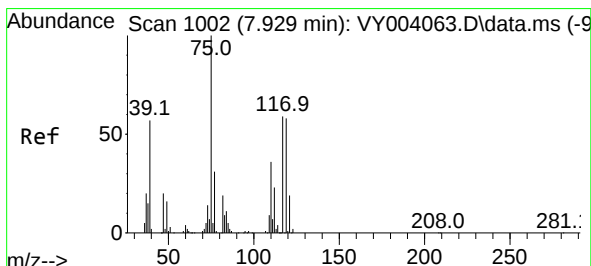
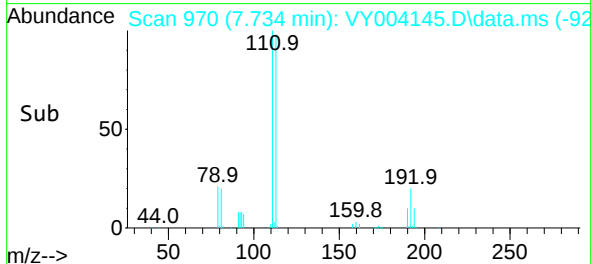
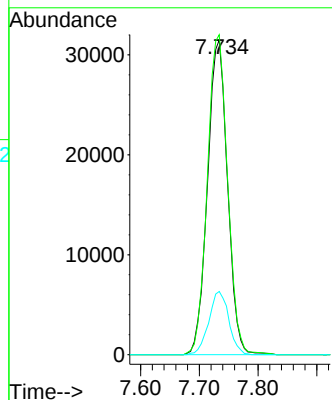
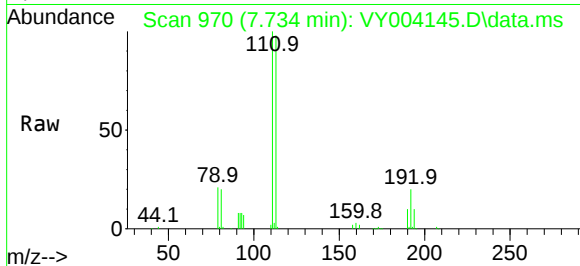




#35
Dibromofluoromethane
Concen: 53.17 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

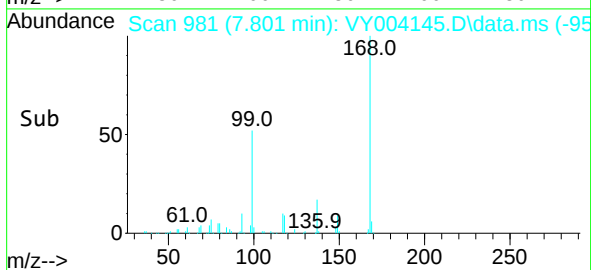
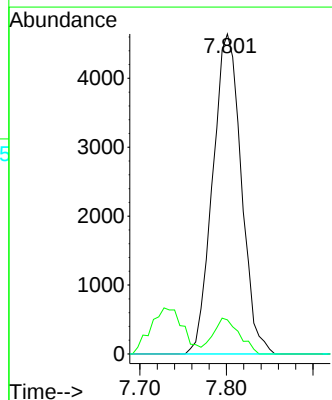
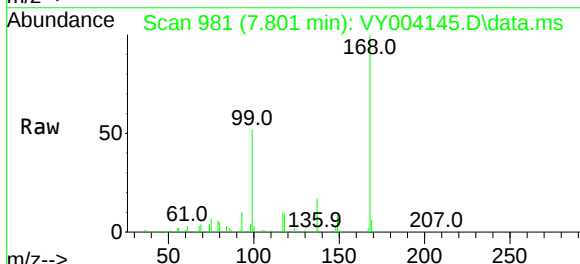
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

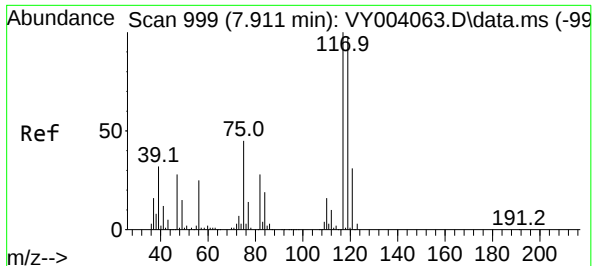
Tgt Ion:113 Resp: 74429
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 20.1 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

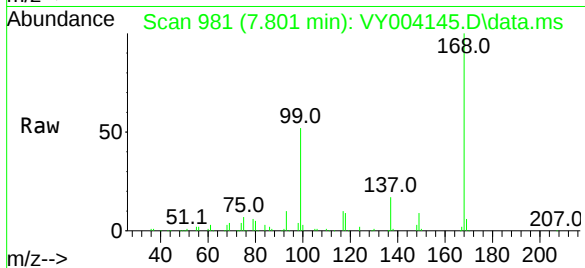
Tgt Ion: 75 Resp: 10621
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.5 36.7#



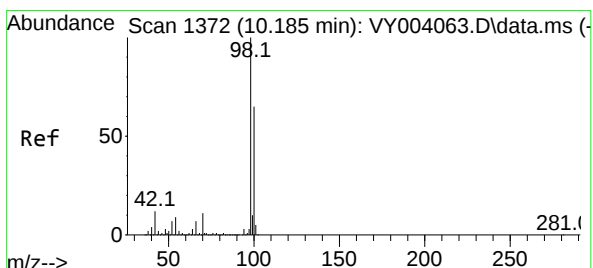
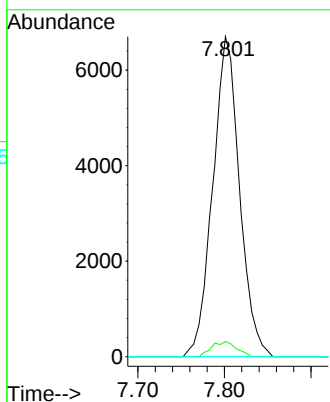
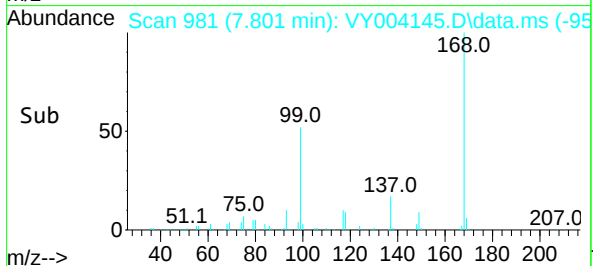


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

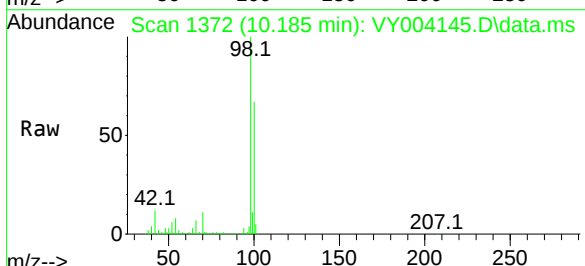
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0



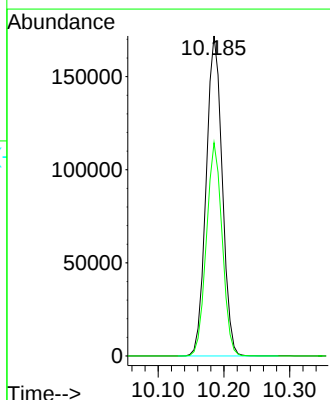
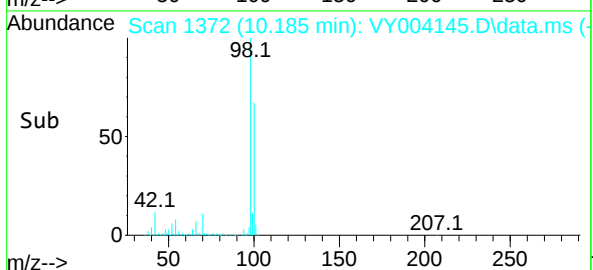
Tgt Ion:117 Resp: 14384
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 24.2 36.2#

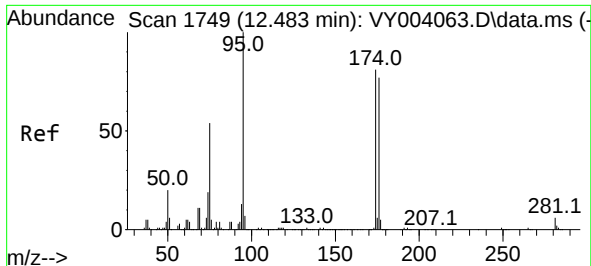


#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04



Tgt Ion: 98 Resp: 291288
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

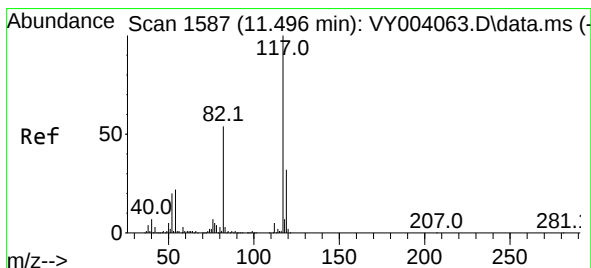
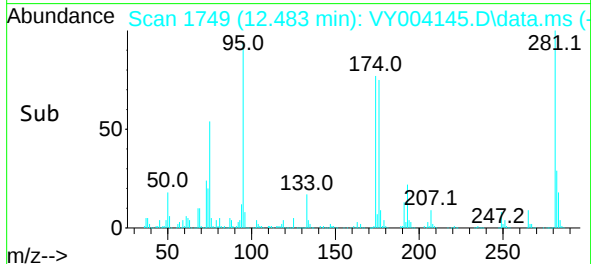
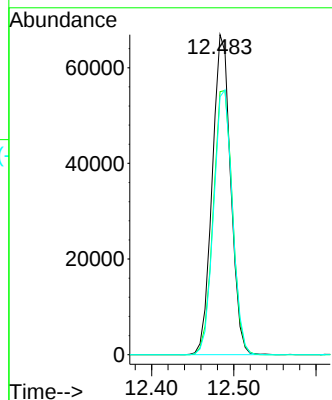
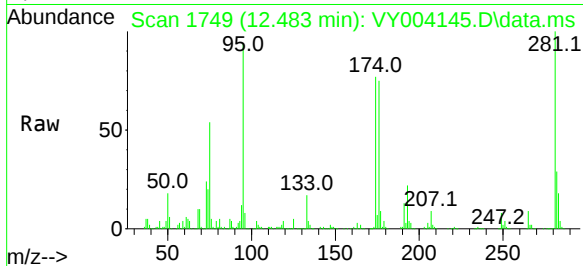




#62
4-Bromofluorobenzene
Concen: 51.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

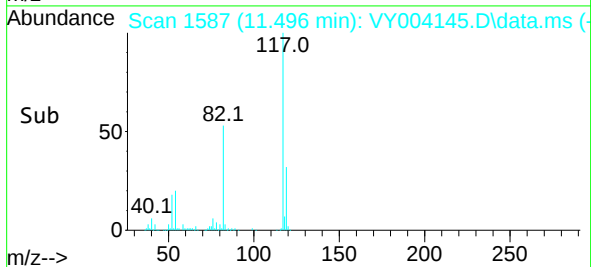
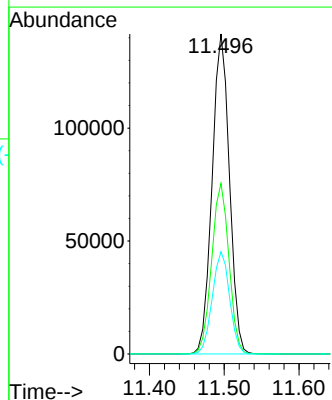
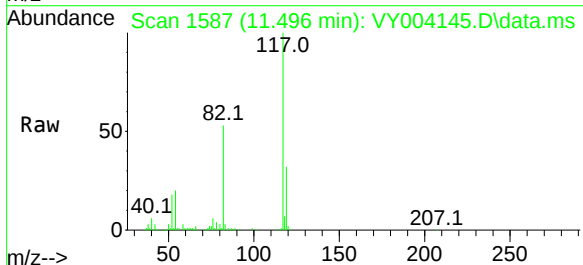
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

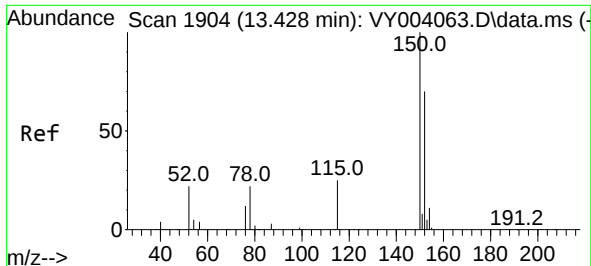
Tgt Ion:	95	Resp:	104141
Ion Ratio	Lower	Upper	
95	100		
174	85.6	0.0	179.0
176	84.1	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

Tgt Ion:	117	Resp:	227906
Ion Ratio	Lower	Upper	
117	100		
82	53.3	43.8	65.6
119	32.0	26.2	39.2

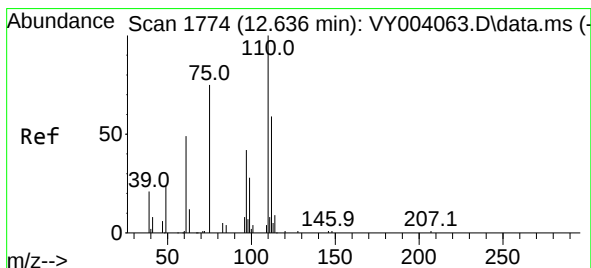
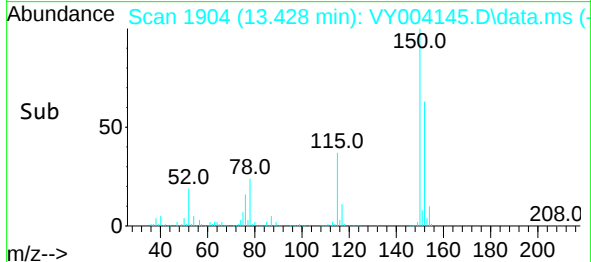
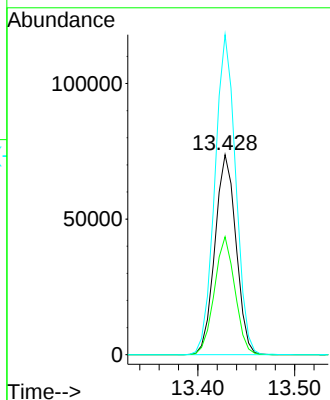
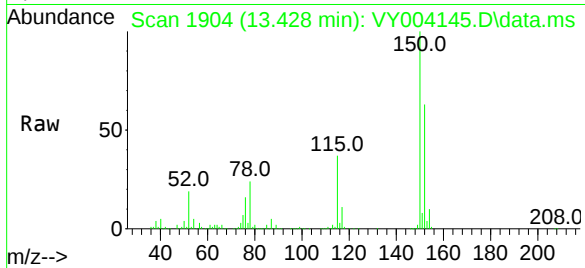




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

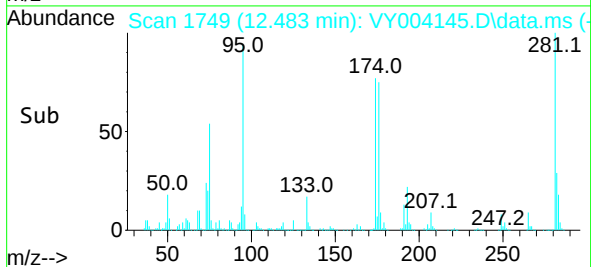
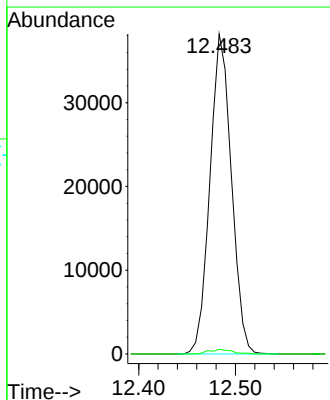
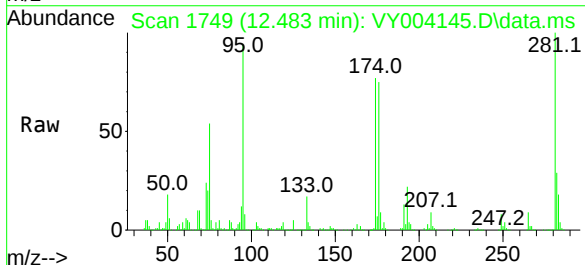
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

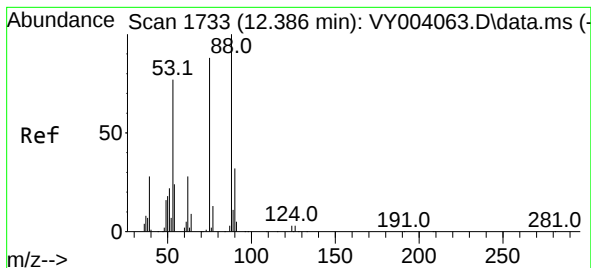
Tgt Ion:152 Resp: 111638
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.6
150 158.4 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 54.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004145.D
Acq: 19 Mar 2021 19:04

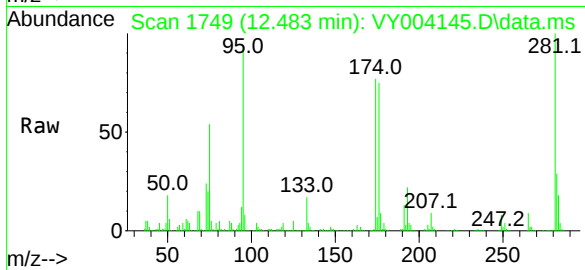
Tgt Ion: 75 Resp: 58803
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.42 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004145.D
 Acq: 19 Mar 2021 19:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-18.5-19.0



Tgt Ion: 75 Resp: 58803
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 2.6 35.7 53.5#

