

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
 Data File : VY004169.D
 Acq On : 23 Mar 2021 11:29
 Operator : SY/MD
 Sample : M1766-01
 Misc : 6.26g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-032221

Quant Time: Mar 24 01:18:11 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)

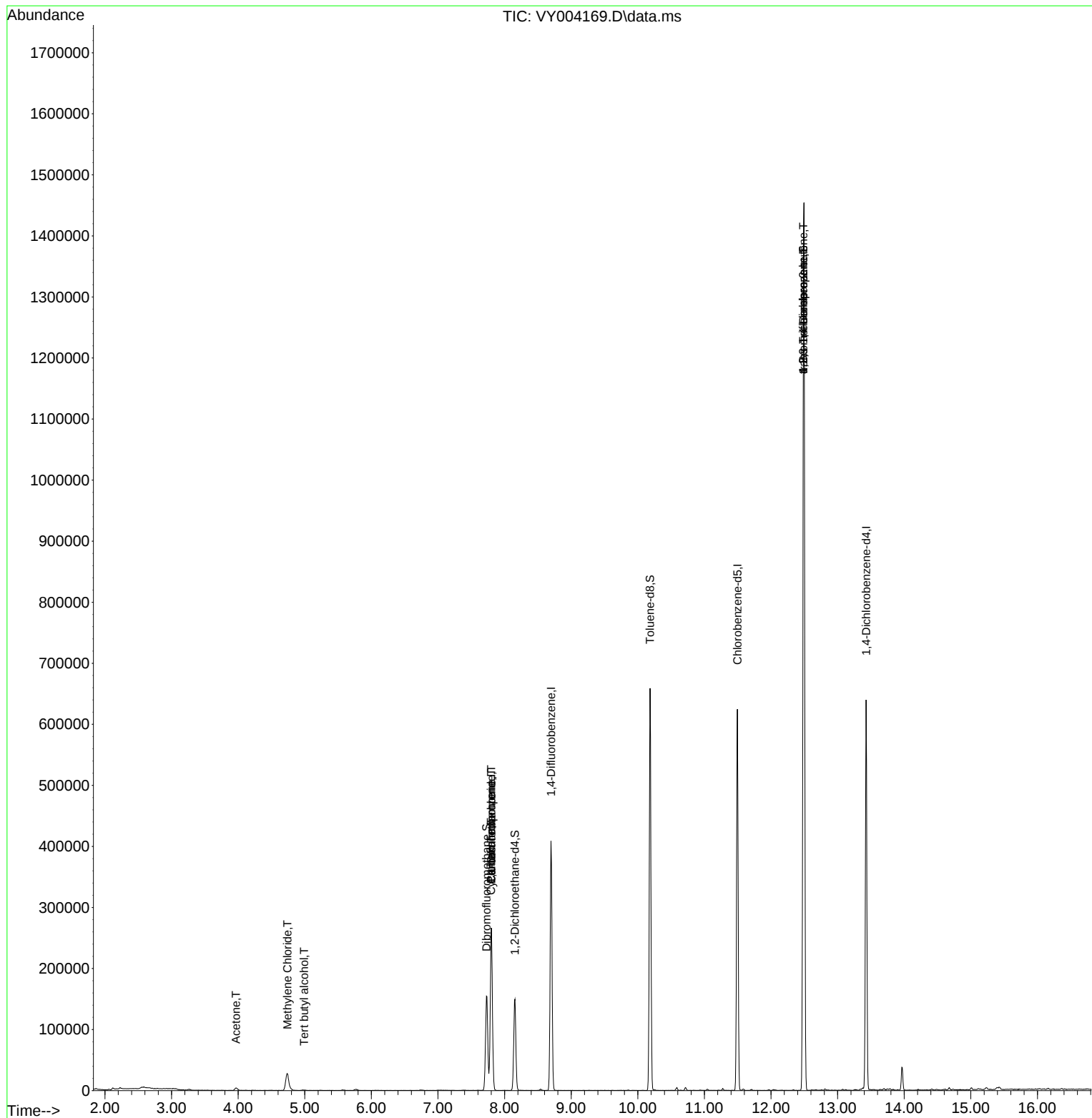
Internal Standards						
1) Pentafluorobenzene	7.801	168	208637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	332637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	117427	57.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.06%
35) Dibromofluoromethane	7.728	113	108100	54.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.46%
50) Toluene-d8	10.185	98	417329	53.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.80%
62) 4-Bromofluorobenzene	12.483	95	152761	53.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.84%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1285	Below Cal		95
11) Tert butyl alcohol	4.991	59	1696	9.11 ug/l #		76
16) Acetone	3.966	43	7225	14.54 ug/l #		80
20) Methylene Chloride	4.741	84	21940	6.62 ug/l		91
31) Cyclohexane	7.795	56	4039	1.12 ug/l #		9
36) 1,1-Dichloropropene	7.801	75	15188	4.94 ug/l #		50
38) Carbon Tetrachloride	7.801	117	19727	6.04 ug/l #		17
76) 1,2,3-Trichloropropane	12.483	75	89807	58.11 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	89807	114.68 ug/l #		15

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

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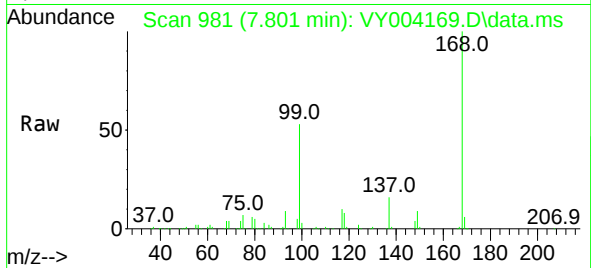
Quant Time: Mar 24 01:18:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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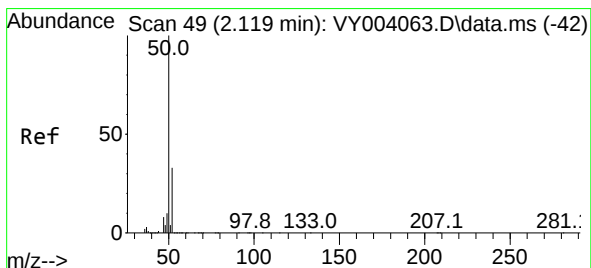
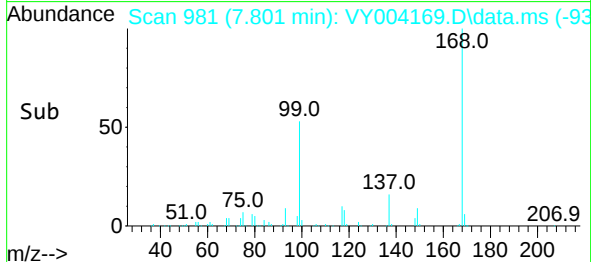
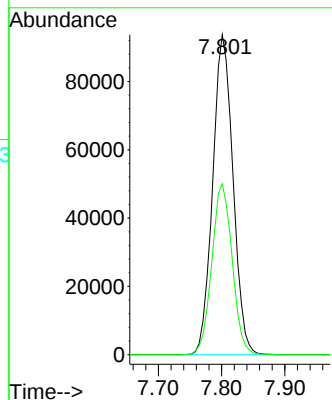


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-032221

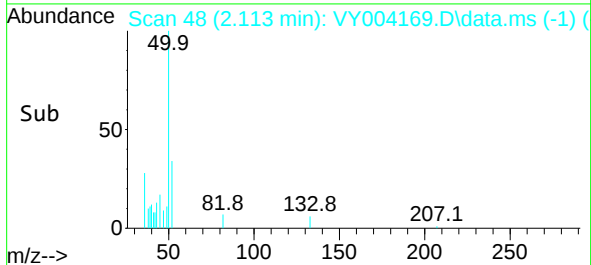
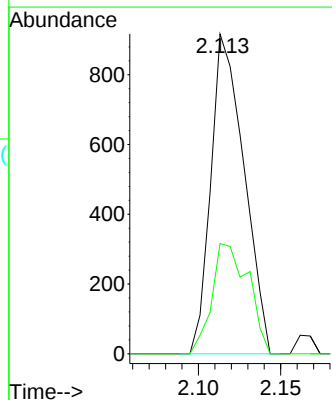
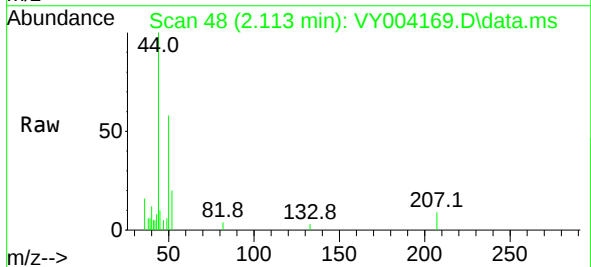


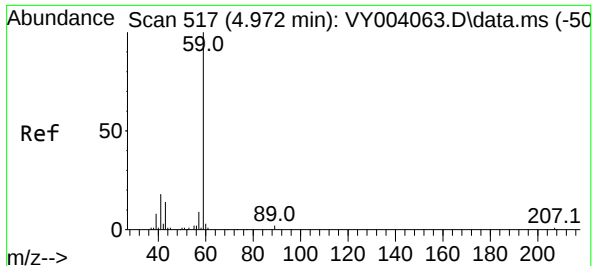
Tgt Ion:168 Resp: 208637
Ion Ratio Lower Upper
168 100
99 53.4 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Tgt Ion: 50 Resp: 1285
Ion Ratio Lower Upper
50 100
52 34.5 25.4 38.2



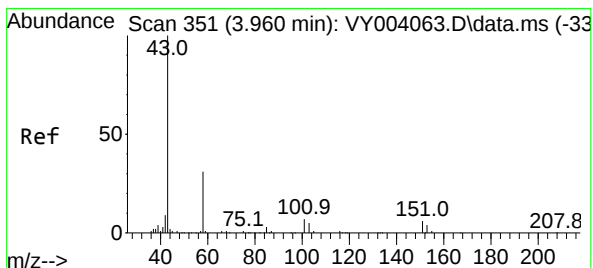
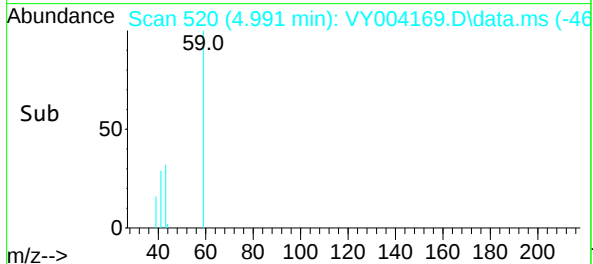
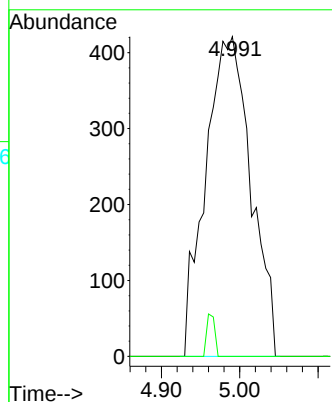
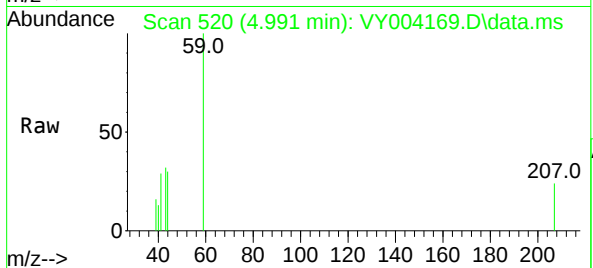


#11

Tert butyl alcohol
Concen: 9.11 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.019 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-032221

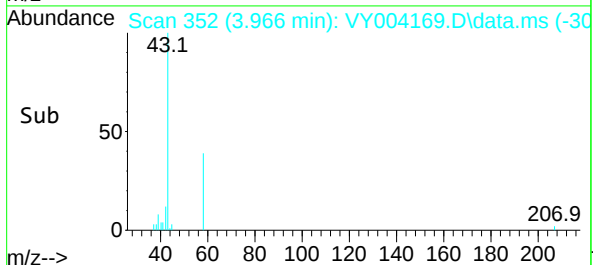
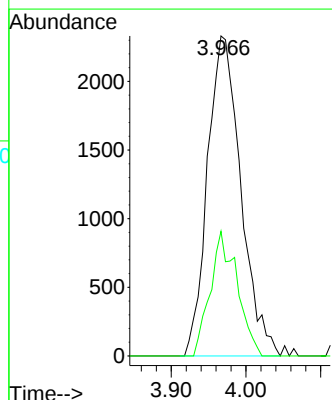
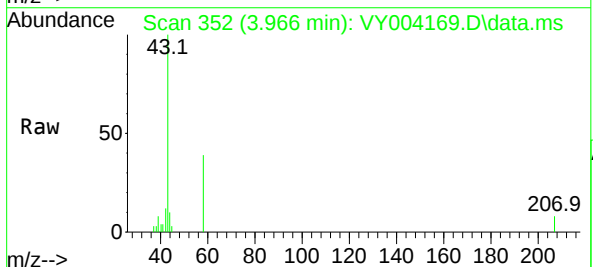
Tgt Ion: 59 Resp: 1696
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

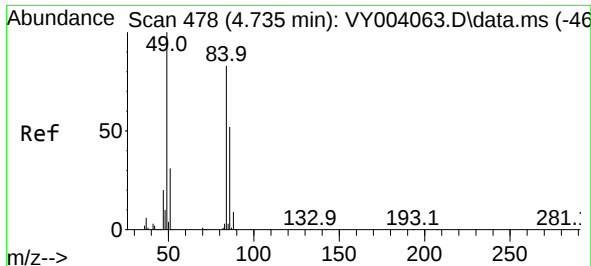


#16

Acetone
Concen: 14.54 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Tgt Ion: 43 Resp: 7225
Ion Ratio Lower Upper
43 100
58 39.0 22.6 34.0#





#20

Methylene Chloride

Concen: 6.62 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004169.D

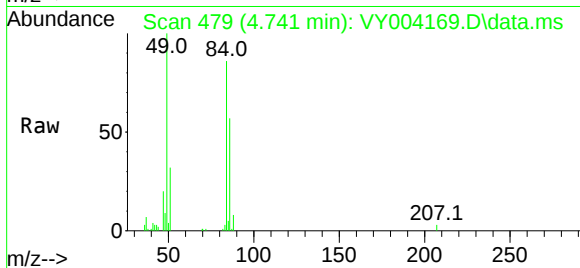
Acq: 23 Mar 2021 11:29

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-032221



Tgt Ion: 84 Resp: 21940

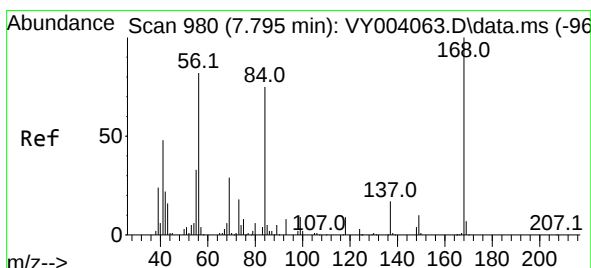
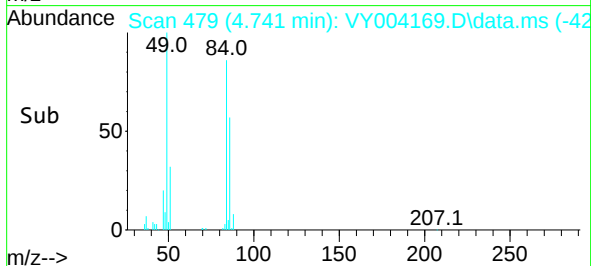
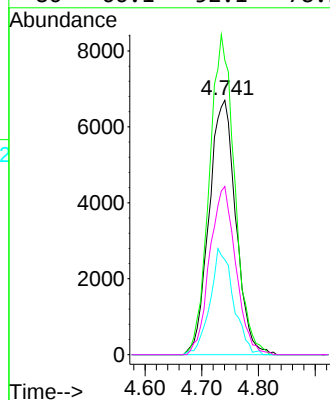
Ion Ratio Lower Upper

84 100

49 115.7 105.8 158.6

51 37.4 32.6 48.8

86 66.1 52.1 78.1



#31

Cyclohexane

Concen: 1.12 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY004169.D

Acq: 23 Mar 2021 11:29

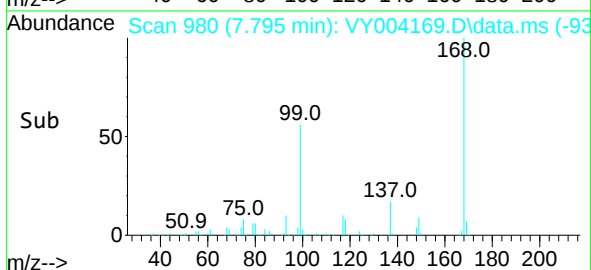
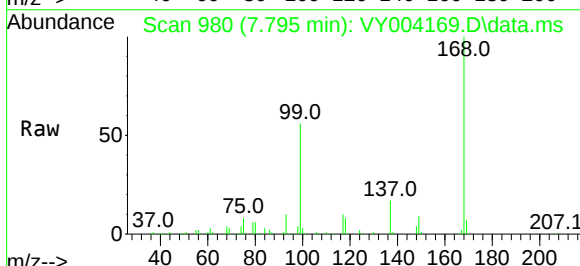
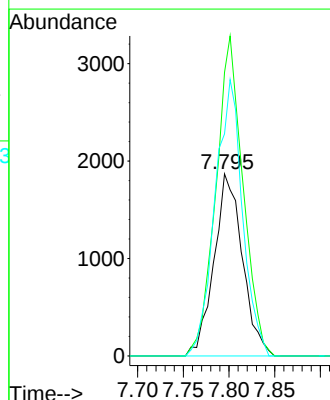
Tgt Ion: 56 Resp: 4039

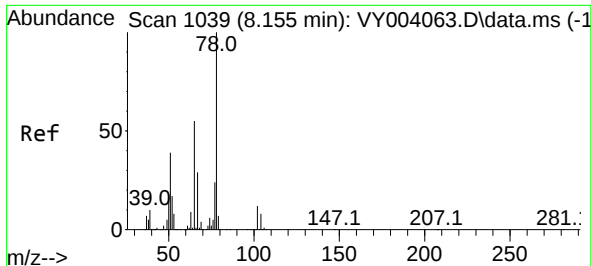
Ion Ratio Lower Upper

56 100

69 155.6 25.3 37.9#

84 121.9 67.3 100.9#

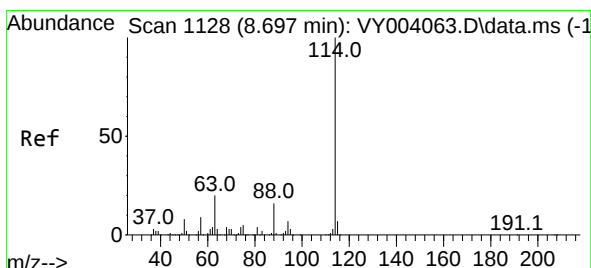
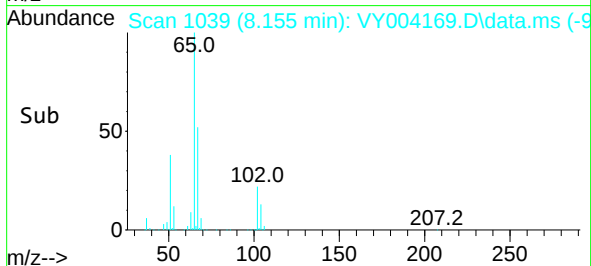
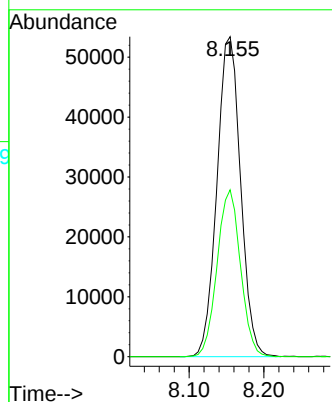
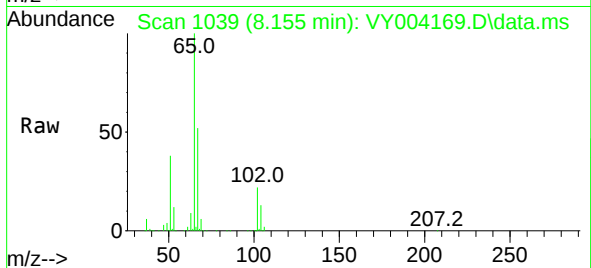




#33
1,2-Dichloroethane-d4
Concen: 57.03 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

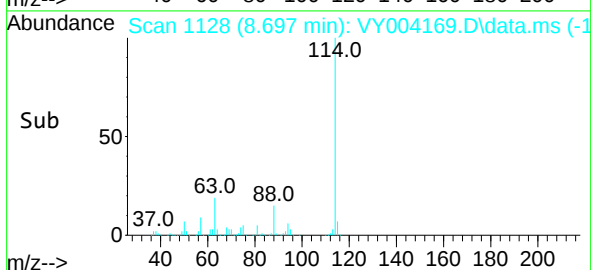
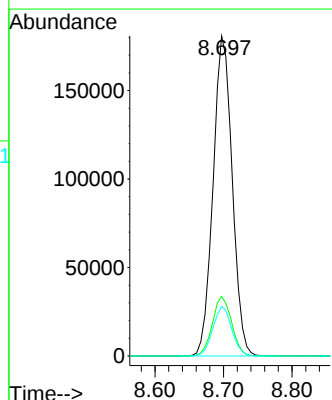
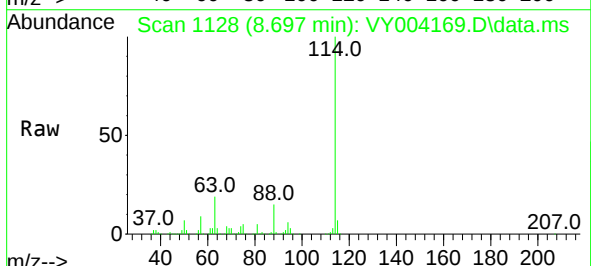
Instrument :
MSVOA_Y
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OK-03-032221

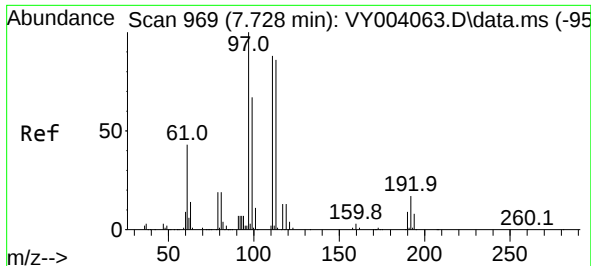
Tgt Ion: 65 Resp: 117427
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Tgt Ion: 114 Resp: 350234
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 15.5 0.0 31.4

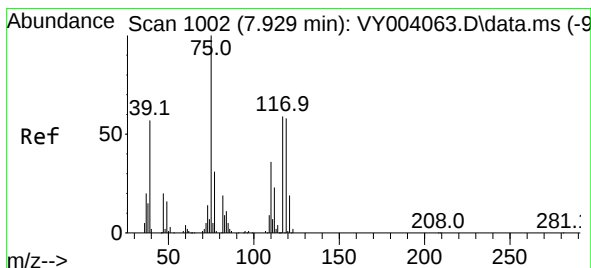
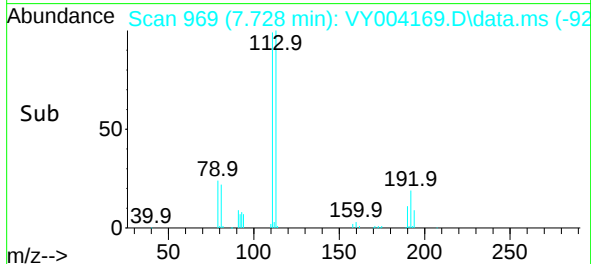
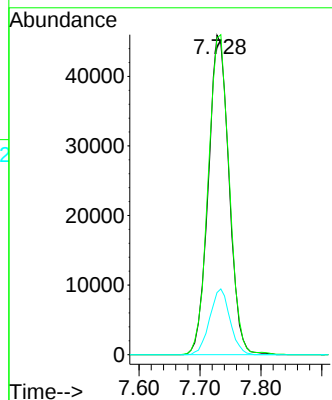
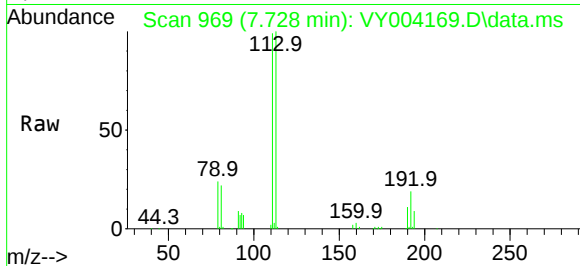




#35
Dibromofluoromethane
Concen: 54.73 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

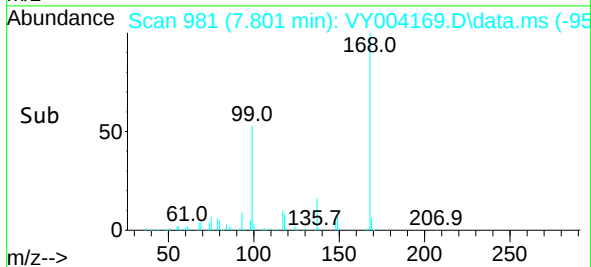
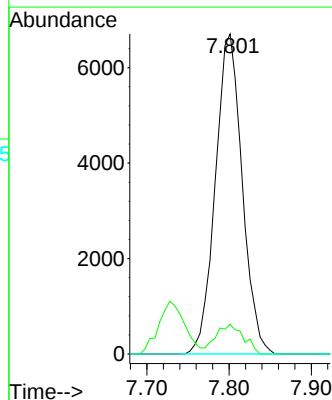
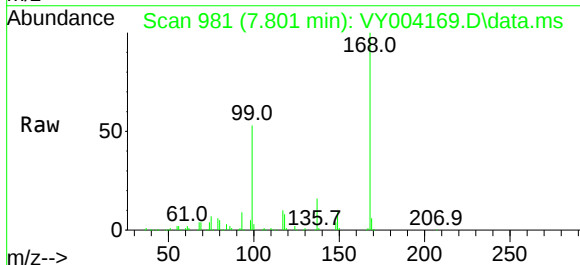
Instrument :
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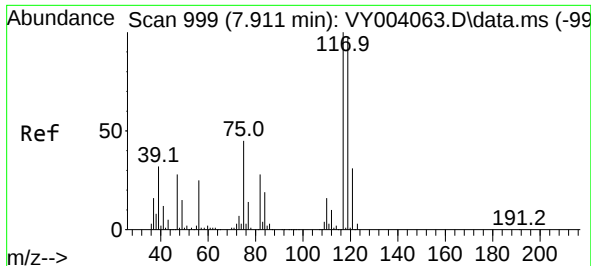
Tgt Ion:113 Resp: 108100
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 20.2 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

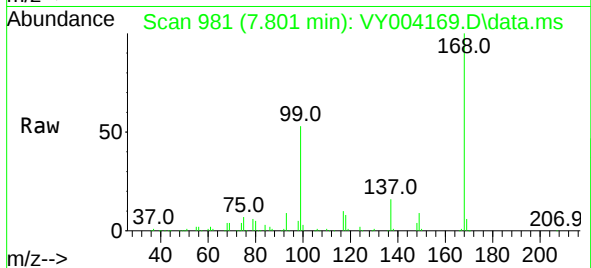
Tgt Ion: 75 Resp: 15188
Ion Ratio Lower Upper
75 100
110 9.4 17.4 52.3#
77 0.0 24.5 36.7#



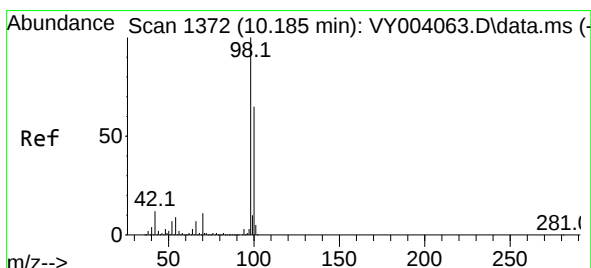
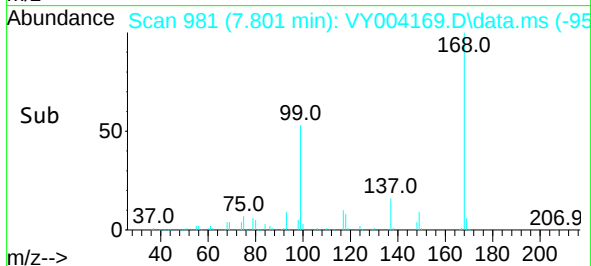
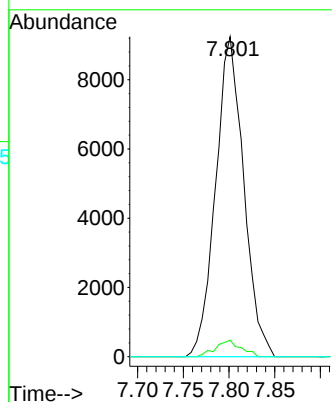


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Instrument :
MSVOA_Y
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OK-03-032221

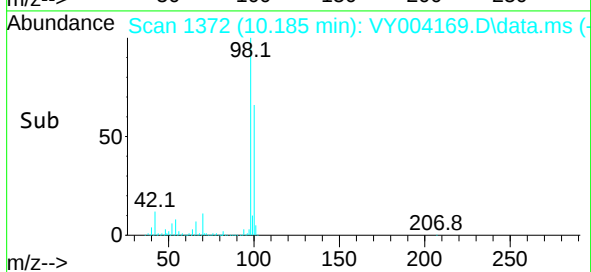
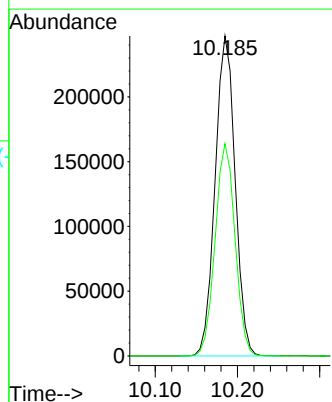
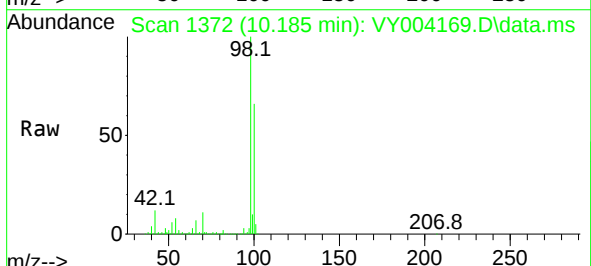


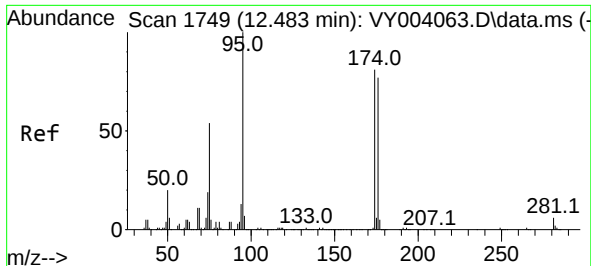
Tgt Ion:117 Resp: 19727
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.90 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Tgt Ion: 98 Resp: 417329
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6

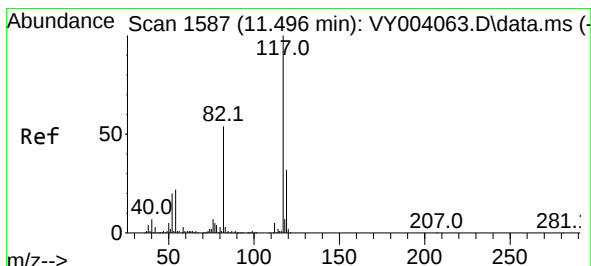
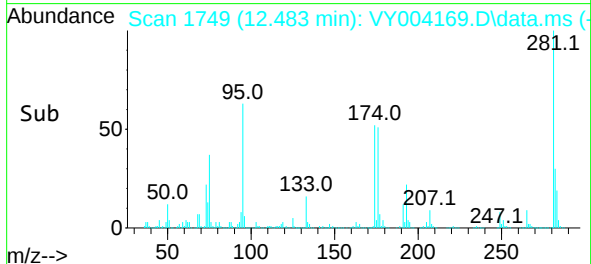
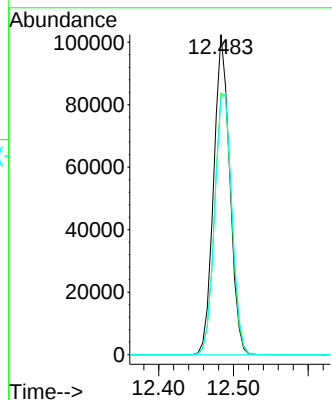
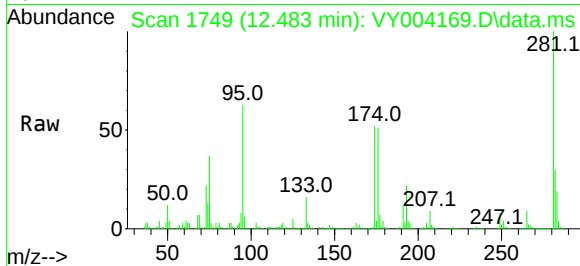




#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

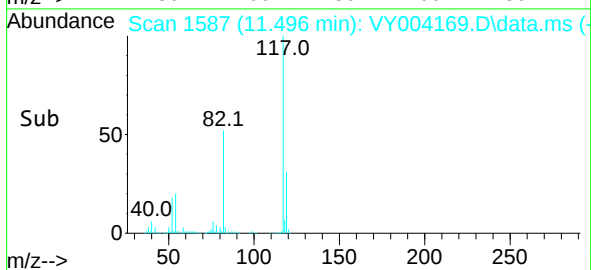
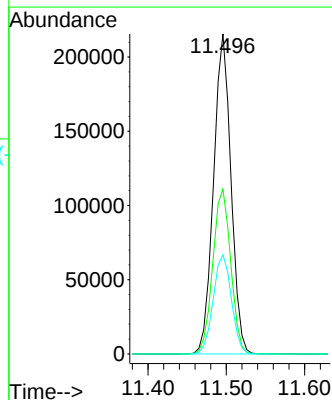
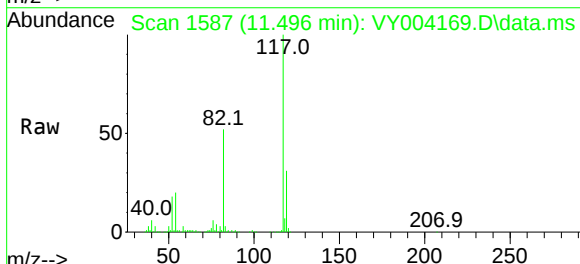
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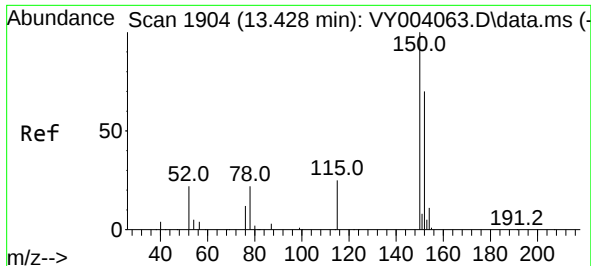
Tgt Ion: 95 Resp: 152761
Ion Ratio Lower Upper
95 100
174 86.7 0.0 179.0
176 87.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

Tgt Ion: 117 Resp: 332637
Ion Ratio Lower Upper
117 100
82 51.6 43.8 65.6
119 31.0 26.2 39.2

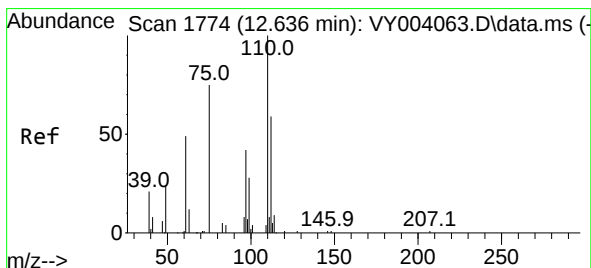
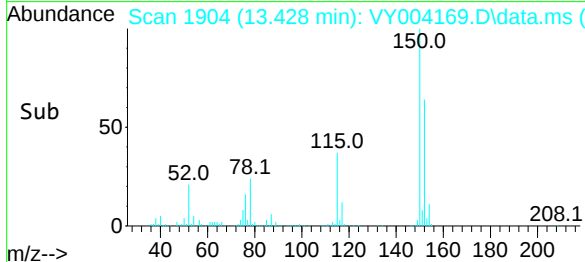
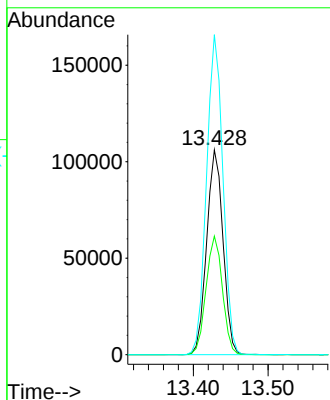
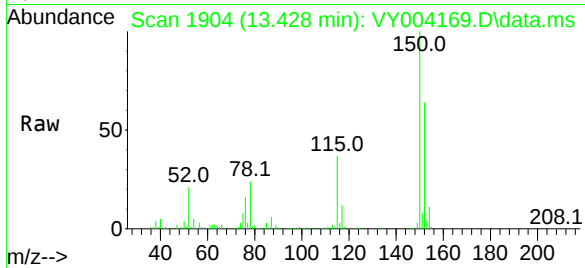




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

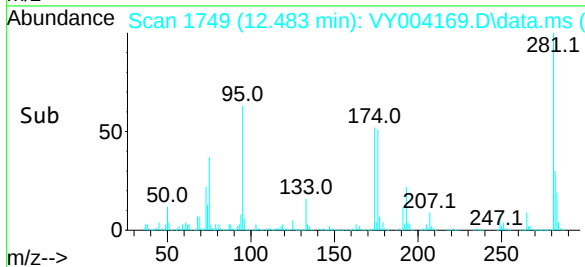
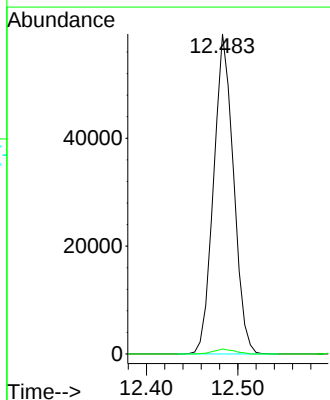
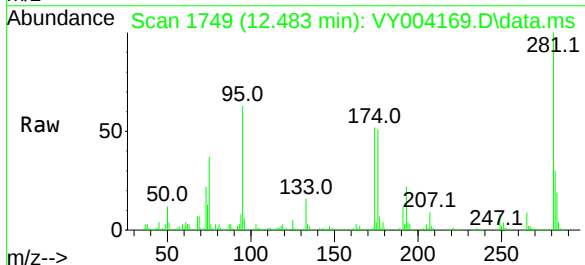
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-032221

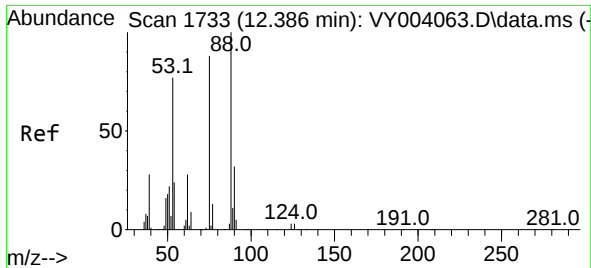
Tgt Ion:152 Resp: 161192
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.6
150 156.7 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 58.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004169.D
Acq: 23 Mar 2021 11:29

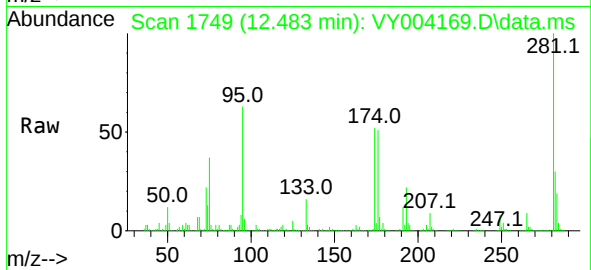
Tgt Ion: 75 Resp: 89807
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.68 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004169.D
 Acq: 23 Mar 2021 11:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-032221



Tgt Ion:	75	Resp:	89807
Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.5	110.3#
89	3.6	35.7	53.5#

