

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004119.D
 Acq On : 18 Mar 2021 14:13
 Operator : SY/MD
 Sample : M1682-01
 Misc : 5.75g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-MANHOLE

Quant Time: Mar 19 01:42:48 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)

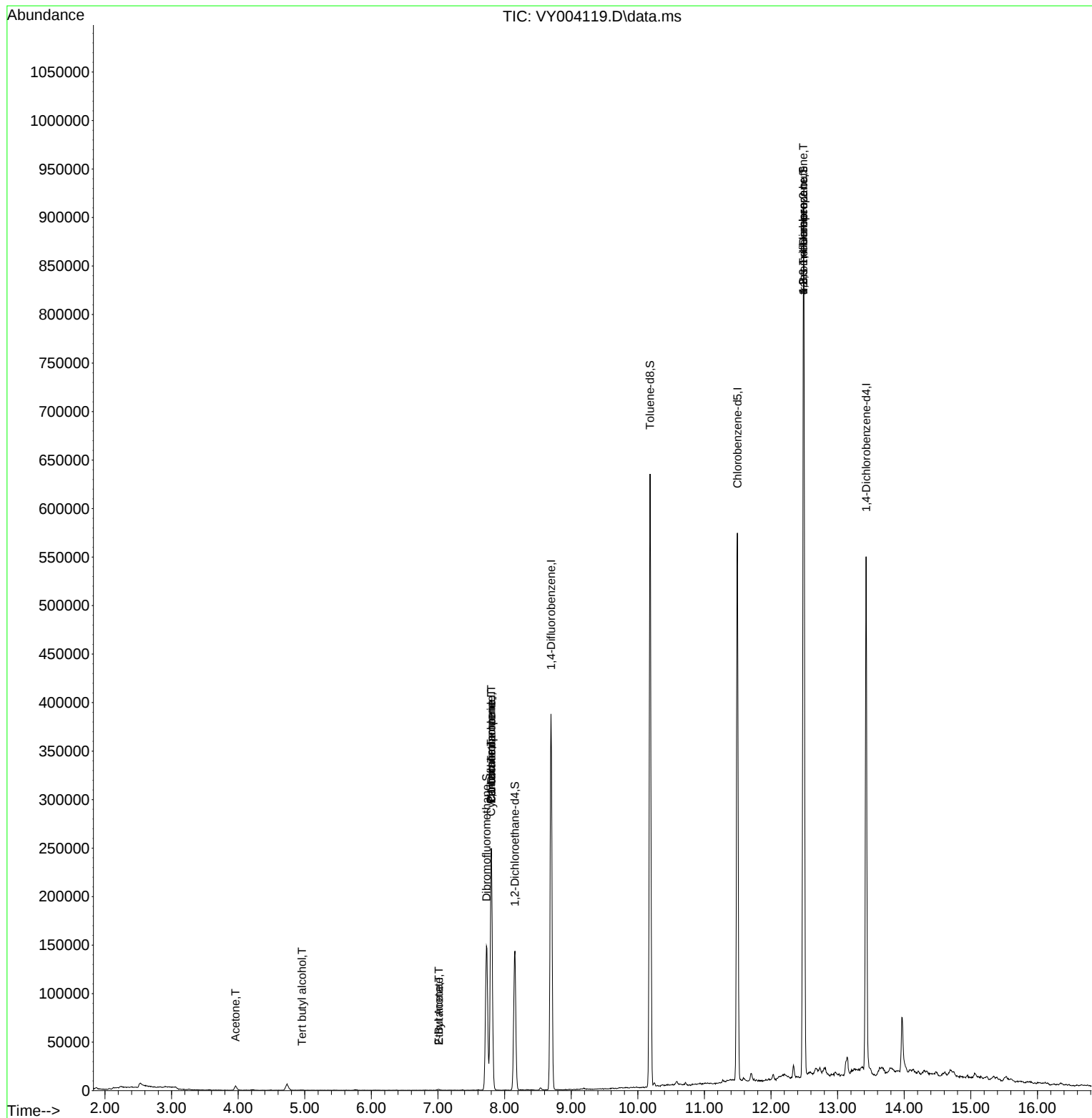
Internal Standards						
1) Pentafluorobenzene	7.801	168	194800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	308058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112984	58.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.54%			
35) Dibromofluoromethane	7.728	113	105259	55.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.52%			
50) Toluene-d8	10.185	98	402109	53.85	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.70%			
62) 4-Bromofluorobenzene	12.483	95	135997	49.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.62%			
Target Compounds						
3) Chloromethane	2.119	50	380	Below Cal		98
11) Tert butyl alcohol	4.960	59	622	3.58 ug/l #		76
16) Acetone	3.960	43	7215	15.55 ug/l		97
20) Methylene Chloride	4.735	84	4448	Below Cal		92
25) 2-Butanone	7.015	43	1698	2.54 ug/l		94
31) Cyclohexane	7.795	56	4048	1.20 ug/l #		22
36) 1,1-Dichloropropene	7.801	75	14411	4.86 ug/l #		51
37) Ethyl Acetate	7.015	43	1698	1.06 ug/l #		70
38) Carbon Tetrachloride	7.801	117	18884	6.00 ug/l #		17
76) 1,2,3-Trichloropropane	12.483	75	75971	59.99 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	75971	118.40 ug/l #		14

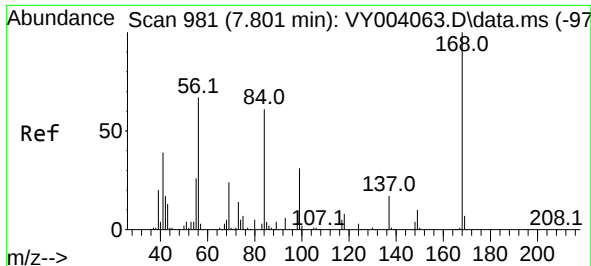
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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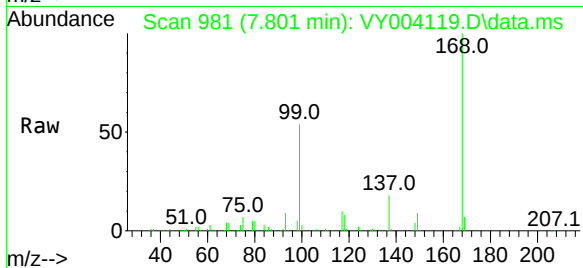
Quant Time: Mar 19 01:42:48 2021
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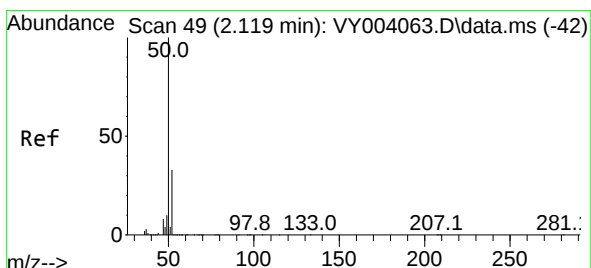
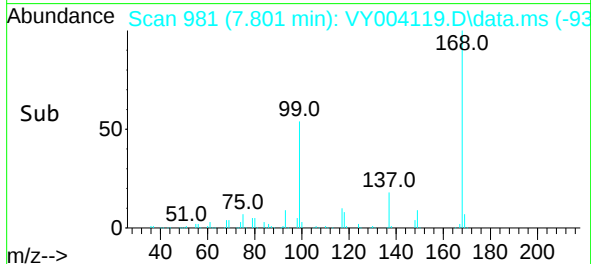
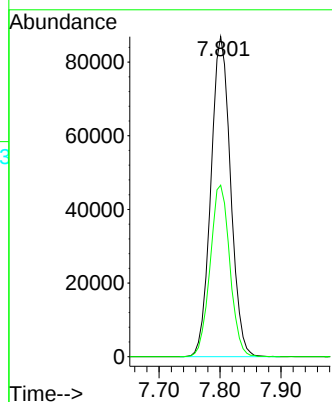


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

Instrument :
MSVOA_Y
ClientSampleId :
SP-MANHOLE

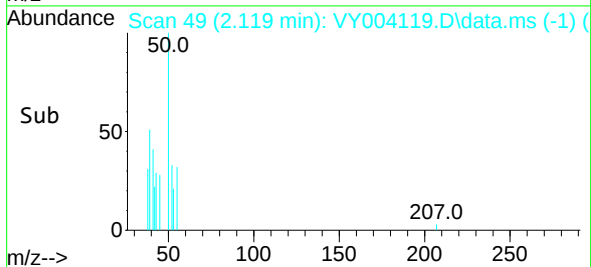
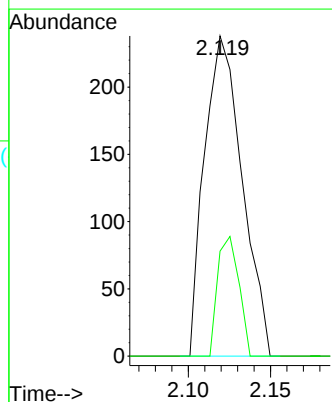
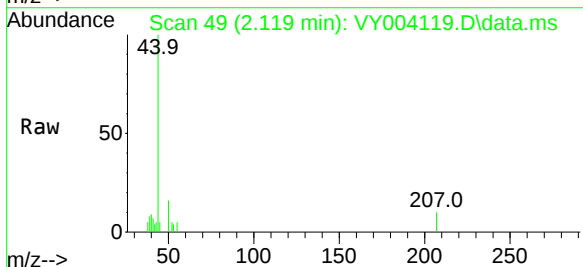


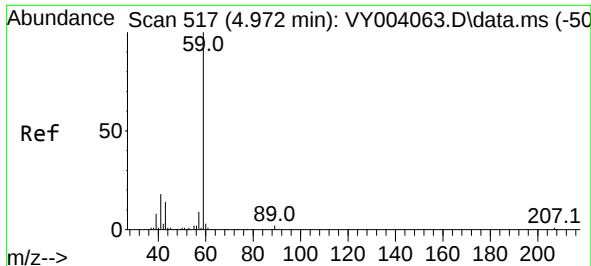
Tgt Ion:168 Resp: 194800
Ion Ratio Lower Upper
168 100
99 53.6 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



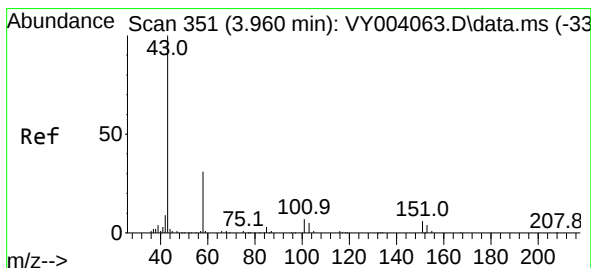
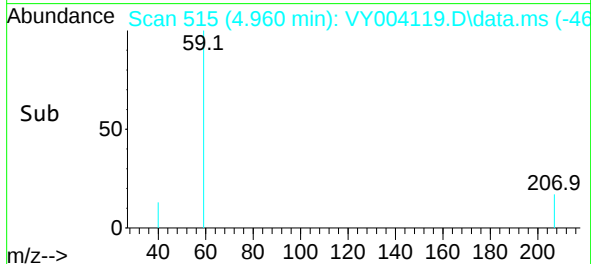
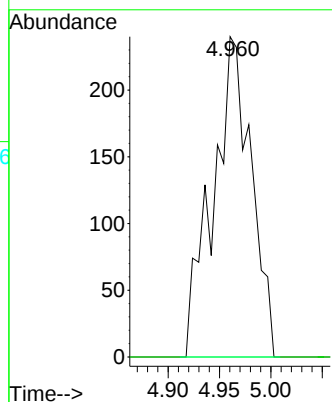
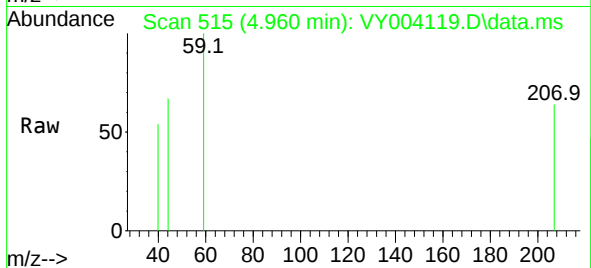


#11

Tert butyl alcohol
Concen: 3.58 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

Instrument :
MSVOA_Y
ClientSampleId :
SP-MANHOLE

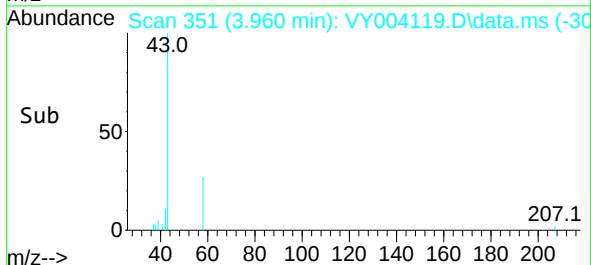
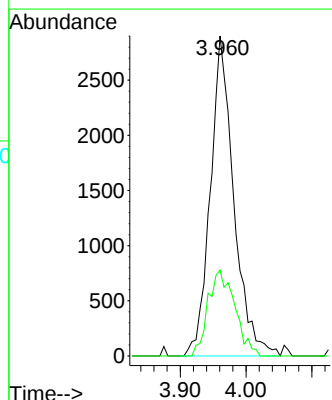
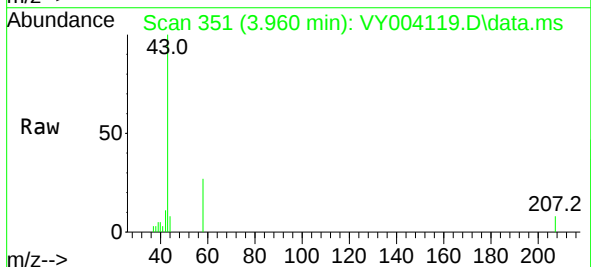
Tgt Ion: 59 Resp: 622
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

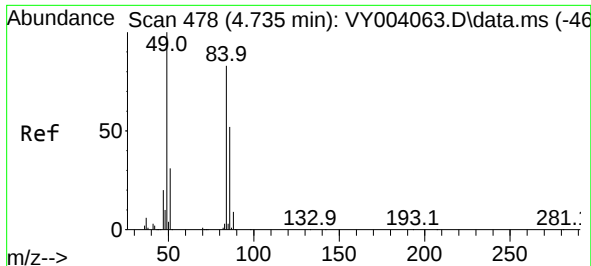


#16

Acetone
Concen: 15.55 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

Tgt Ion: 43 Resp: 7215
Ion Ratio Lower Upper
43 100
58 26.9 22.6 34.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.735 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY004119.D

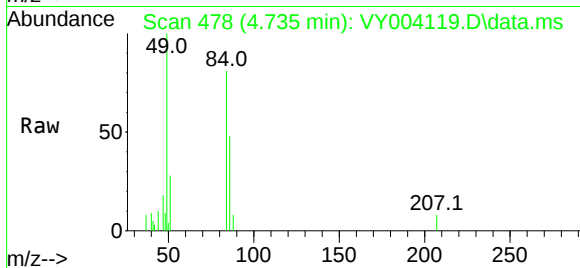
Acq: 18 Mar 2021 14:13

Instrument :

MSVOA_Y

ClientSampleId :

SP-MANHOLE



Tgt Ion: 84 Resp: 4448

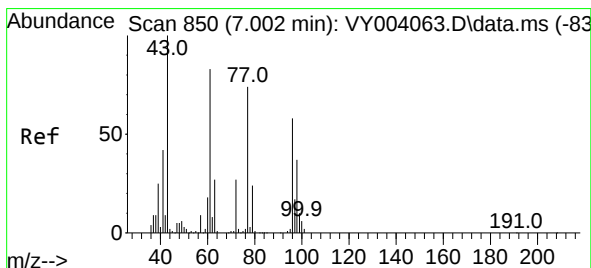
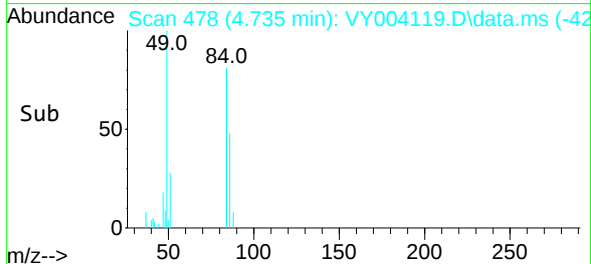
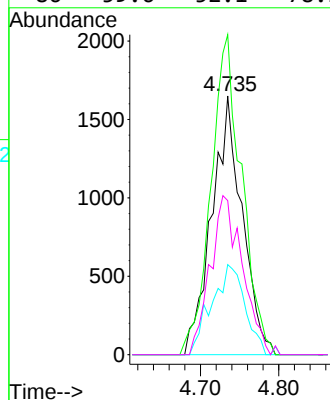
Ion Ratio Lower Upper

84 100

49 123.7 105.8 158.6

51 34.8 32.6 48.8

86 59.6 52.1 78.1



#25

2-Butanone

Concen: 2.54 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.013 min

Lab File: VY004119.D

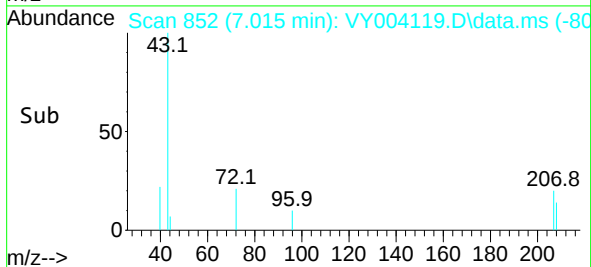
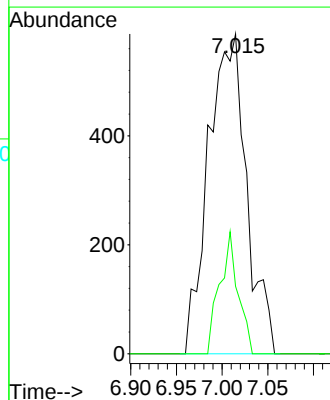
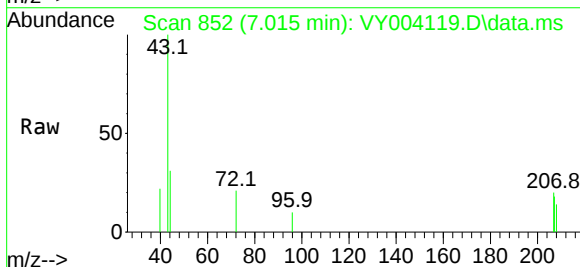
Acq: 18 Mar 2021 14:13

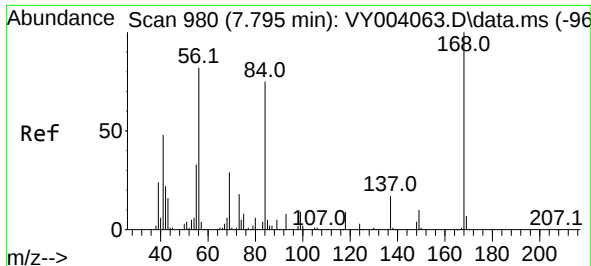
Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

43 100

72 21.1 19.4 29.0

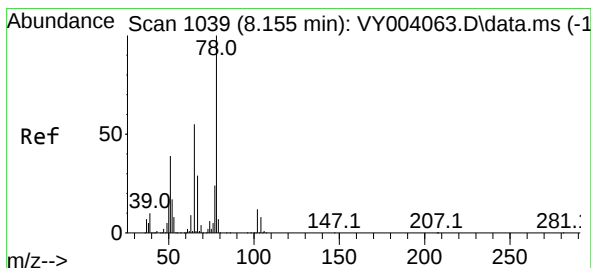
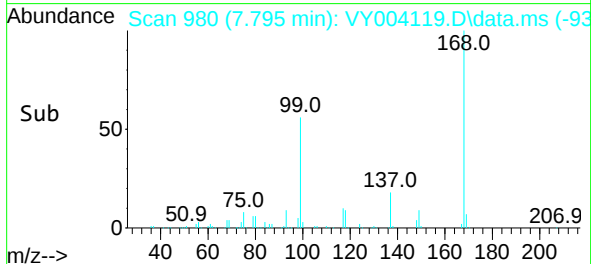
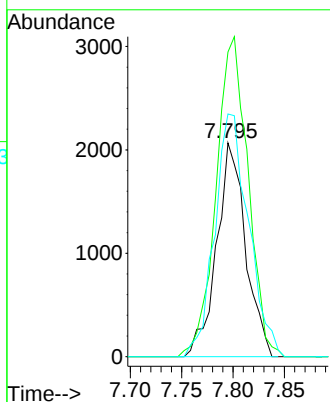
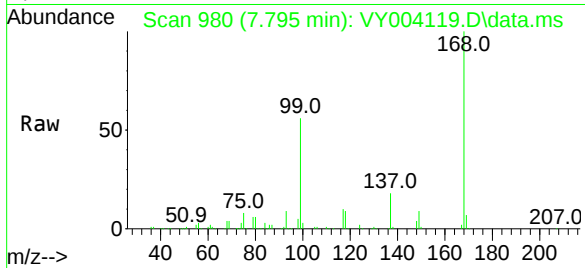




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

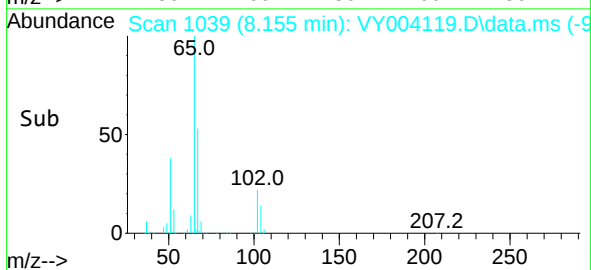
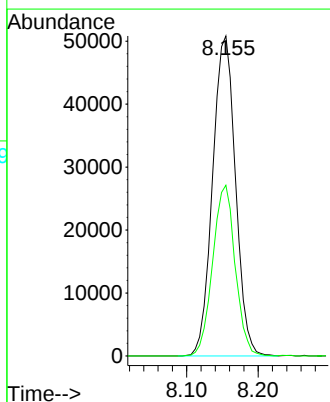
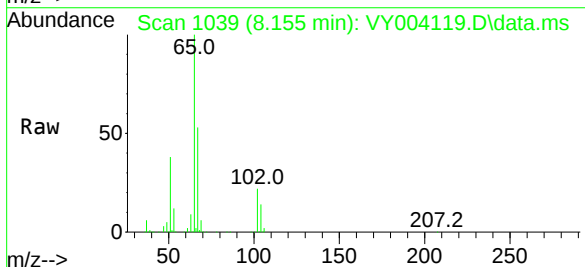
Instrument :
MSVOA_Y
ClientSampleId :
SP-MANHOLE

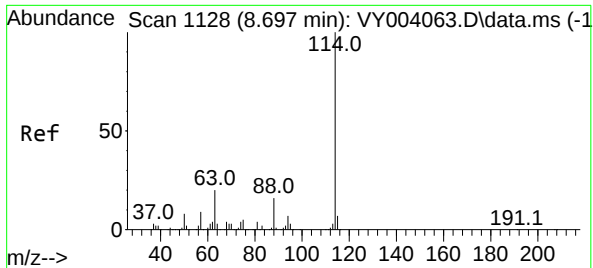
Tgt Ion: 56 Resp: 4048
Ion Ratio Lower Upper
56 100
69 142.5 25.3 37.9#
84 113.5 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 58.77 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

Tgt Ion: 65 Resp: 112984
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4

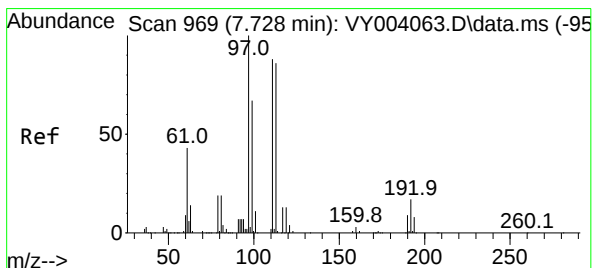
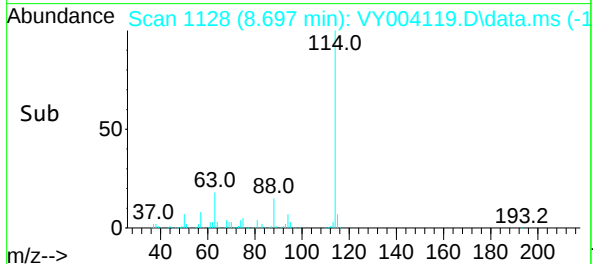
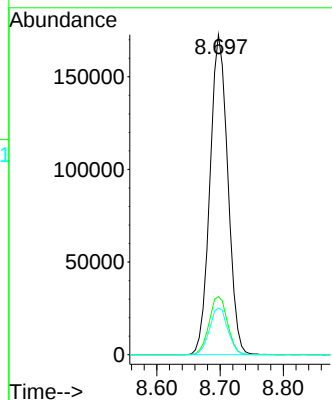
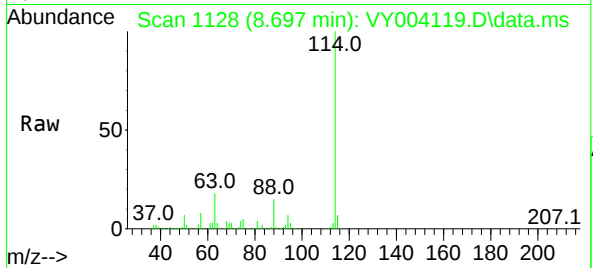




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

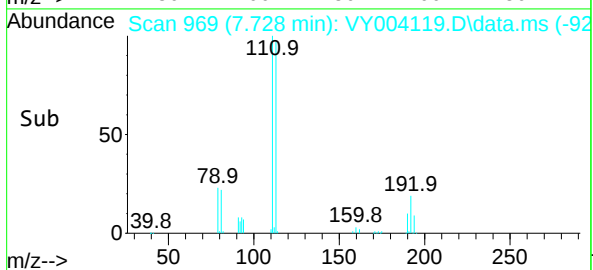
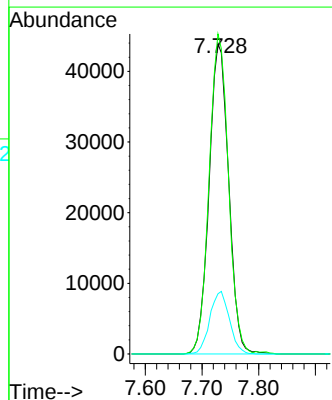
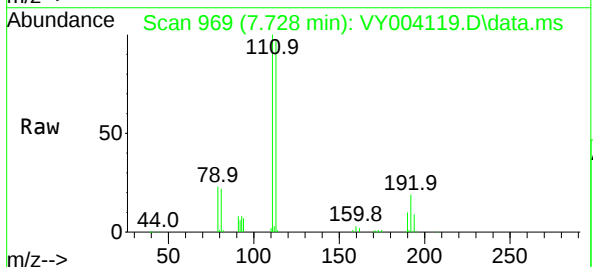
Instrument :
MSVOA_Y
ClientSampleId :
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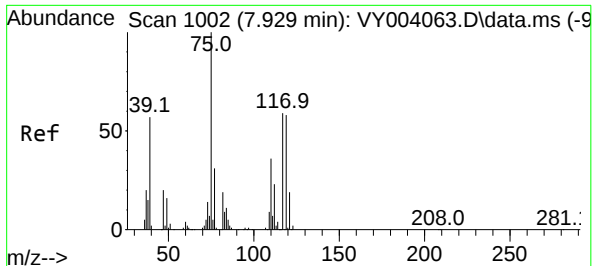
Tgt Ion:	114	Resp:	337756
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	41.6
88	14.6	0.0	31.4



#35
Dibromofluoromethane
Concen: 55.26 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

Tgt Ion:	113	Resp:	105259
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.2	124.8
192	20.2	18.5	27.7

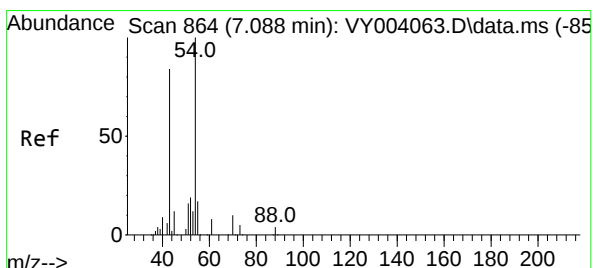
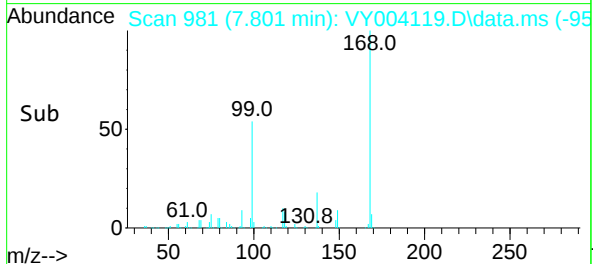
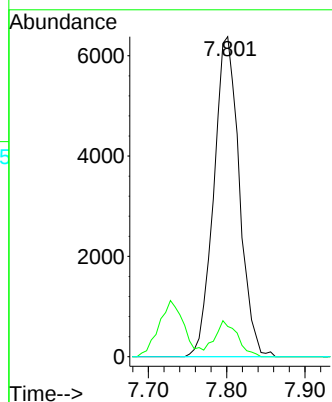
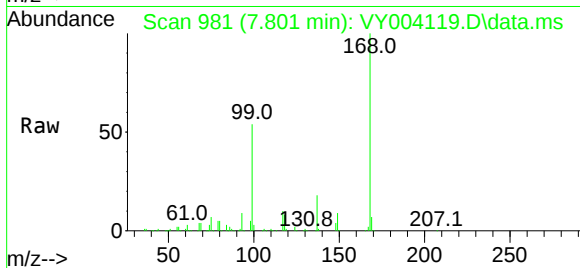




#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

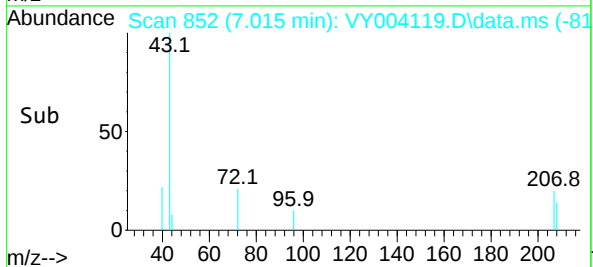
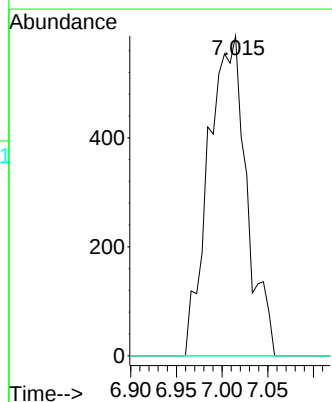
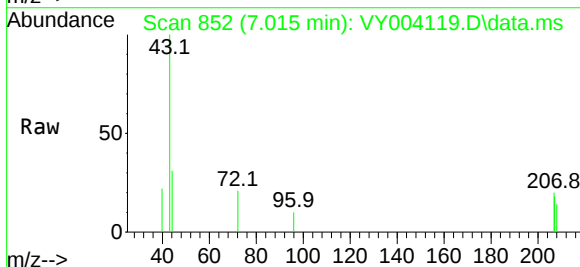
Instrument :
MSVOA_Y
ClientSampleId :
SP-MANHOLE

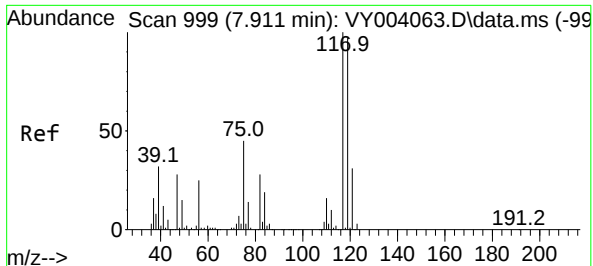
Tgt Ion: 75 Resp: 14411
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.3#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 1.06 ug/l
RT: 7.015 min Scan# 852
Delta R.T. -0.073 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

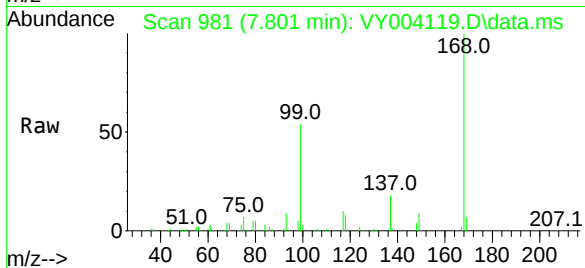
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.7 11.5#



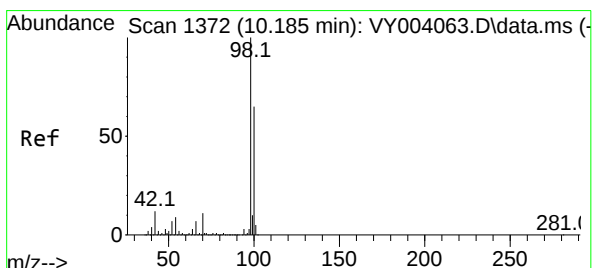
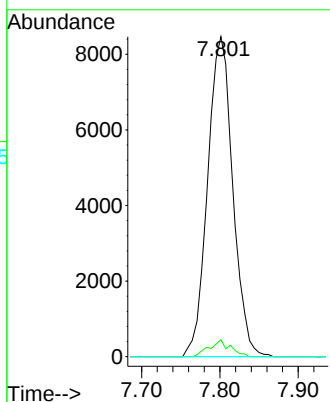
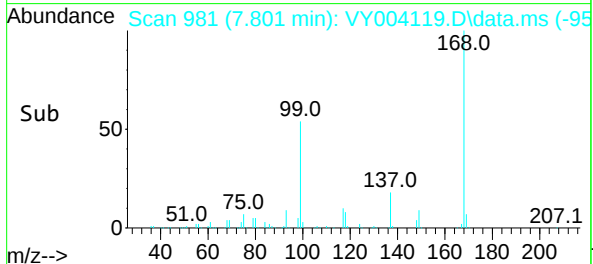


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

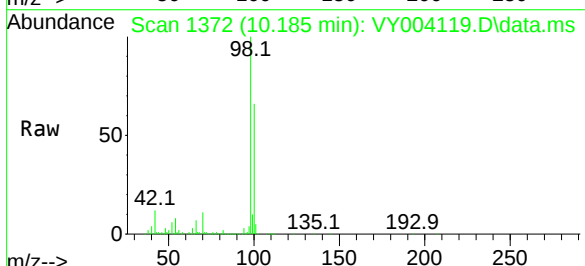
Instrument :
MSVOA_Y
ClientSampleId :
SP-MANHOLE



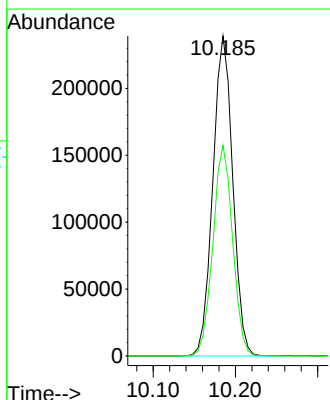
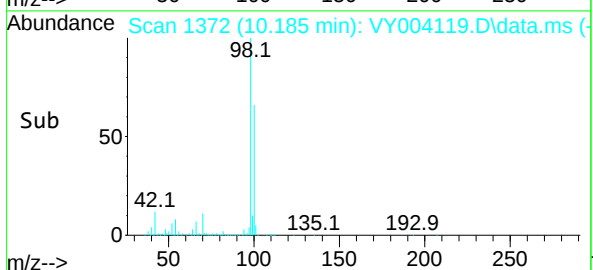
Tgt Ion:117 Resp: 18884
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 24.2 36.2#

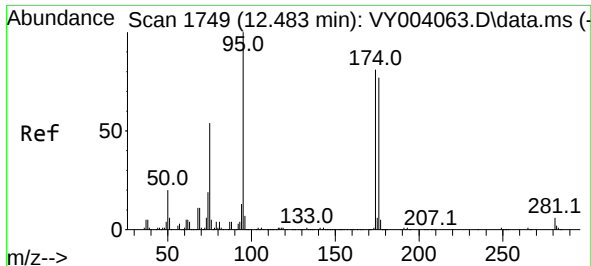


#50
Toluene-d8
Concen: 53.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13



Tgt Ion: 98 Resp: 402109
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

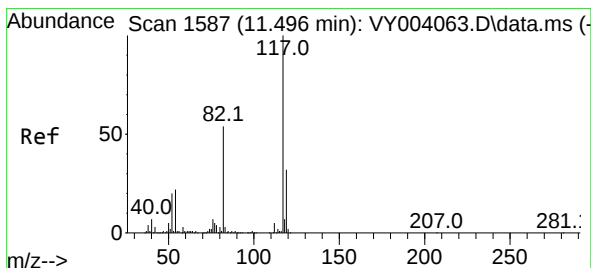
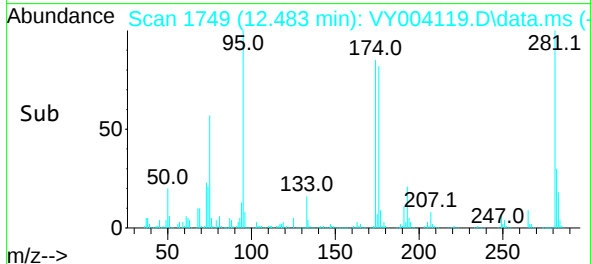
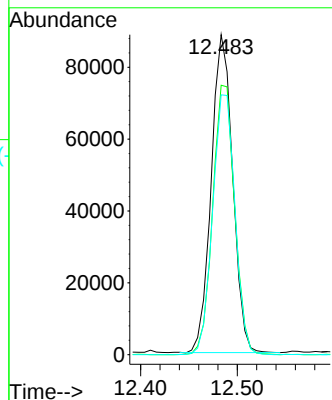
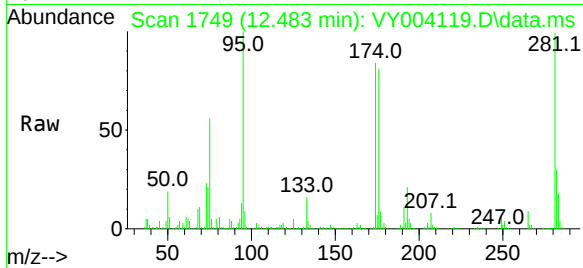




#62
4-Bromofluorobenzene
Concen: 49.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

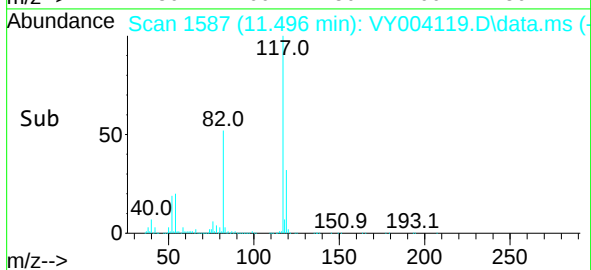
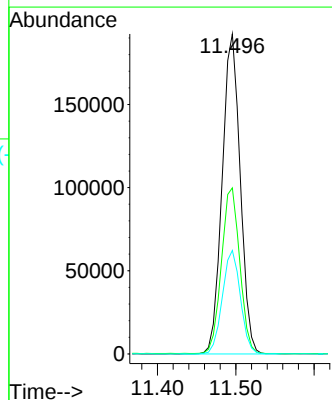
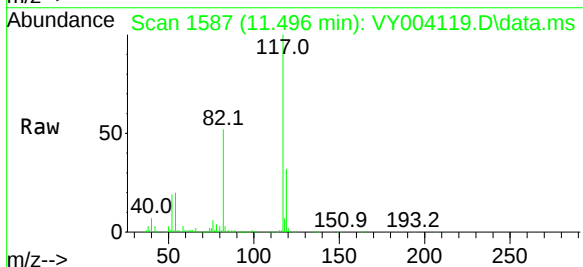
Instrument :
MSVOA_Y
ClientSampleId :
SP-MANHOLE

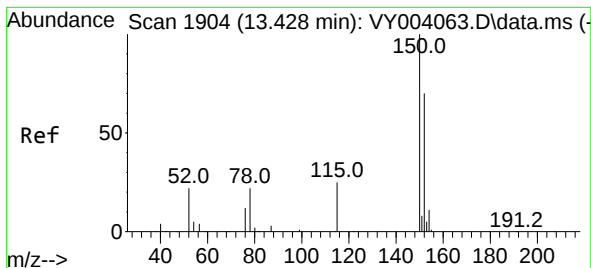
Tgt Ion: 95 Resp: 135997
Ion Ratio Lower Upper
95 100
174 86.9 0.0 179.0
176 85.3 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

Tgt Ion: 117 Resp: 308058
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.6
119 32.3 26.2 39.2

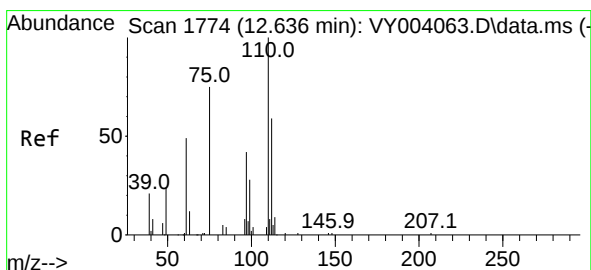
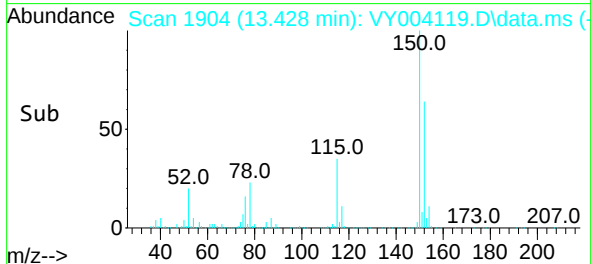
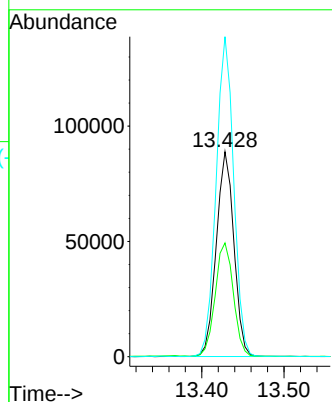
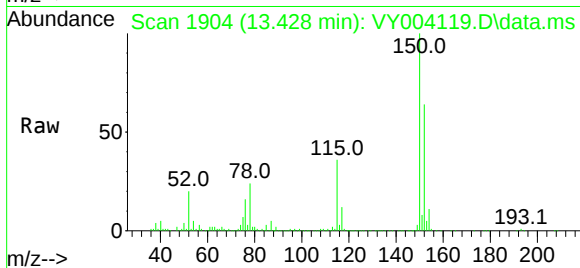




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

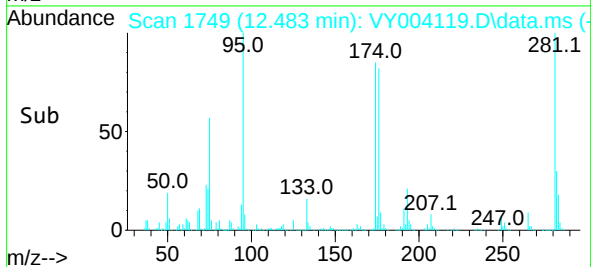
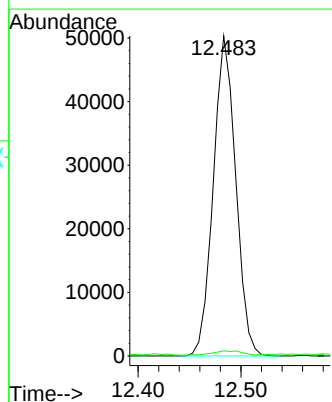
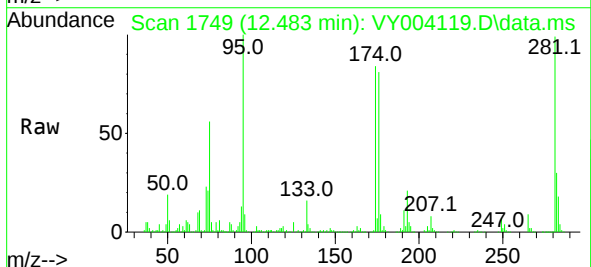
Instrument :
MSVOA_Y
ClientSampleId :
SP-MANHOLE

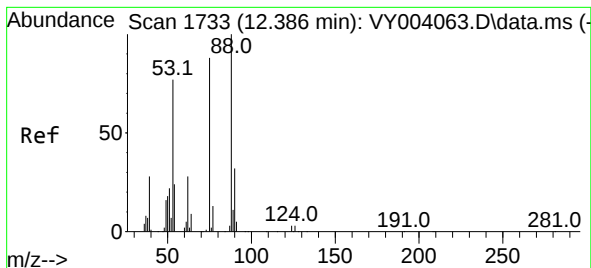
Tgt Ion:152 Resp: 132072
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.6
150 156.3 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 59.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

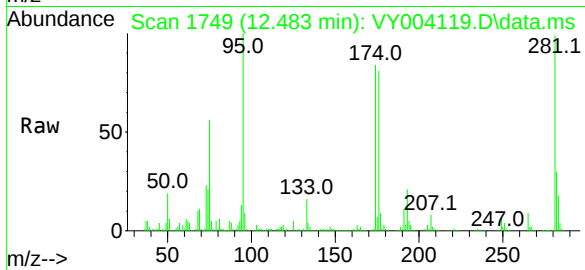
Tgt Ion: 75 Resp: 75971
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.40 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004119.D
 Acq: 18 Mar 2021 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-MANHOLE



Tgt Ion: 75 Resp: 75971
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.5 110.3#
 89 2.2 35.7 53.5#

