

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 :

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)

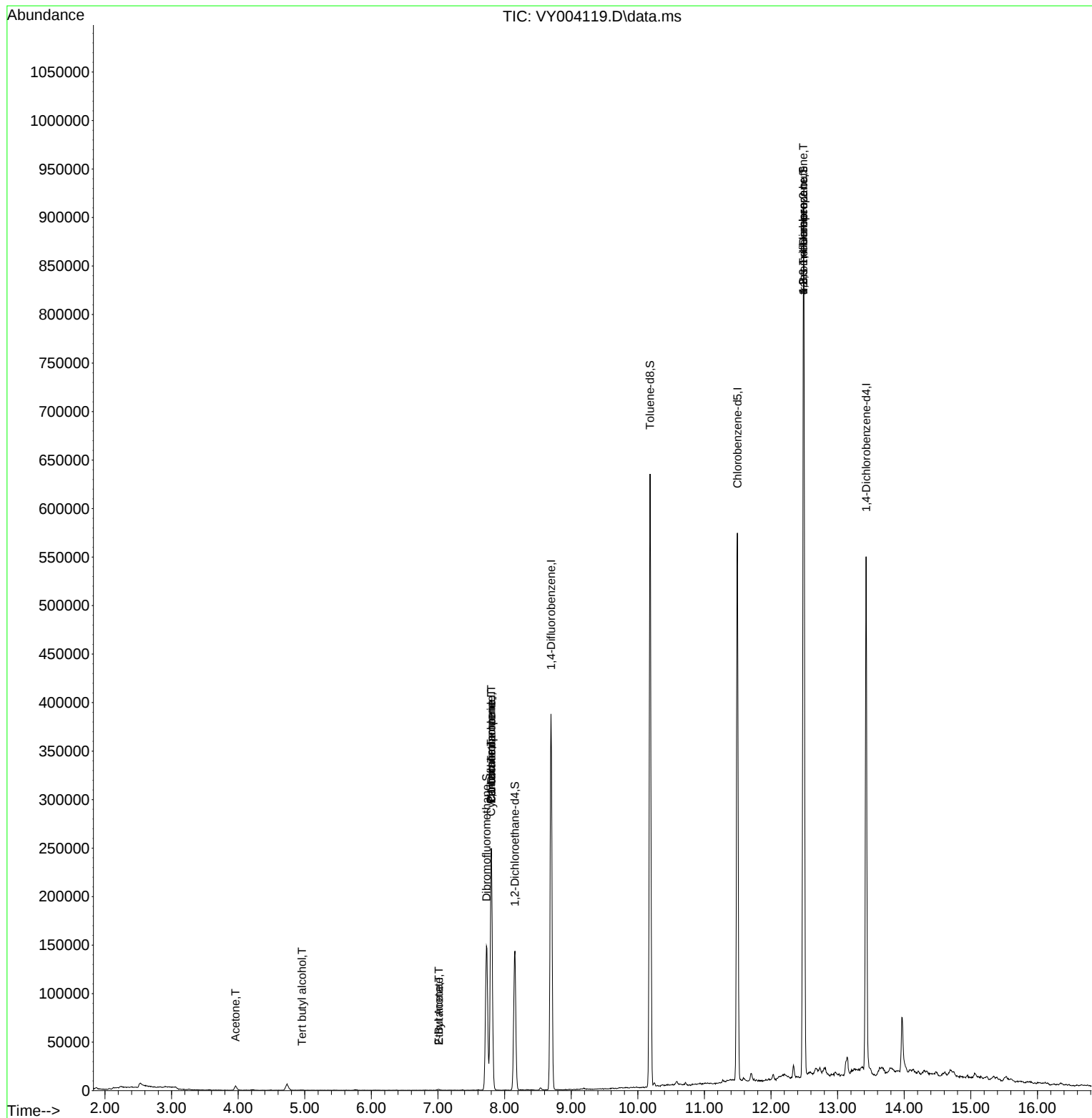
Internal Standards						
1) Pentafluorobenzene	7.801	168	194800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	308058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

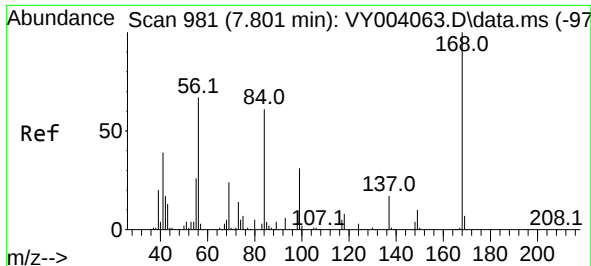
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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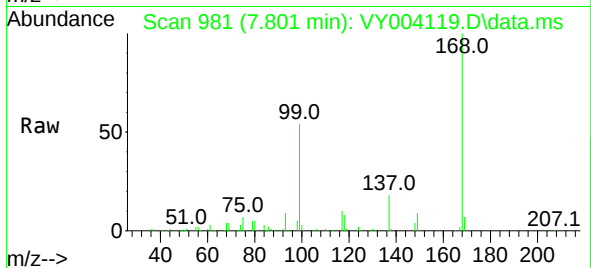
Quant Time: Mar 19 01:42:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
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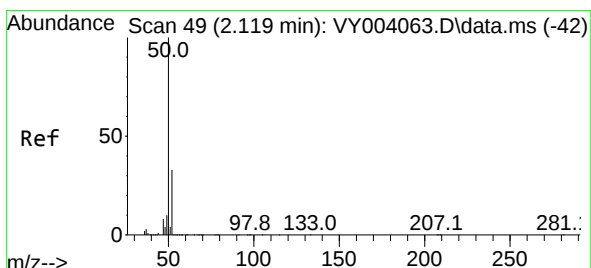
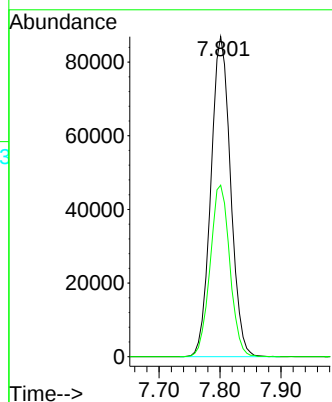
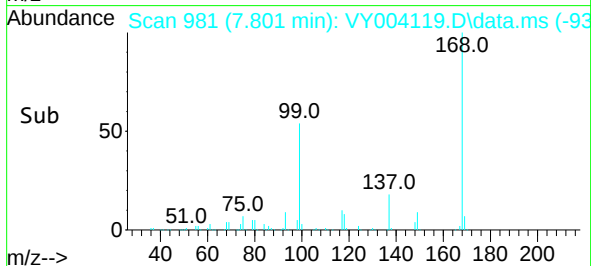


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

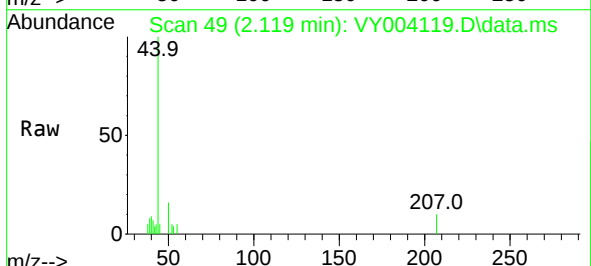
Instrument :
MSVOA_Y
ClientSampleId :



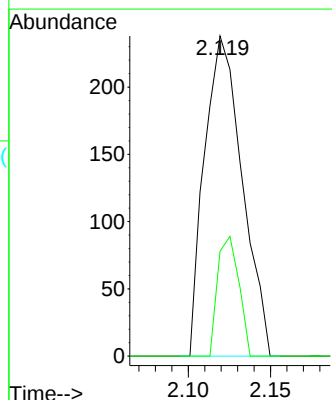
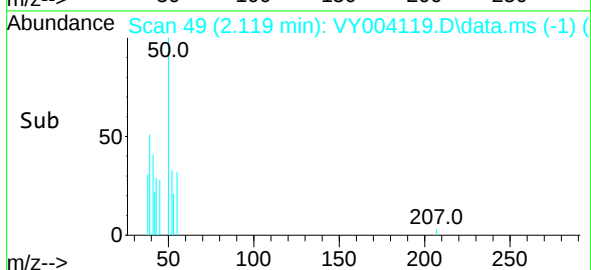
Tgt Ion:168 Resp: 194800
Ion Ratio Lower Upper
168 100
99 53.6 41.2 61.8

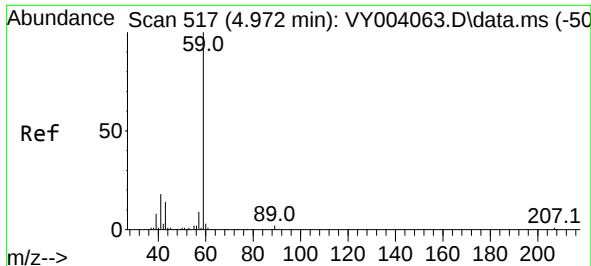


#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13



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

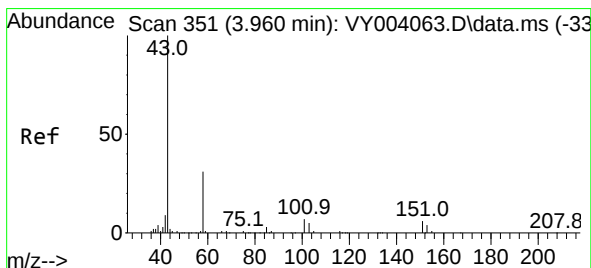
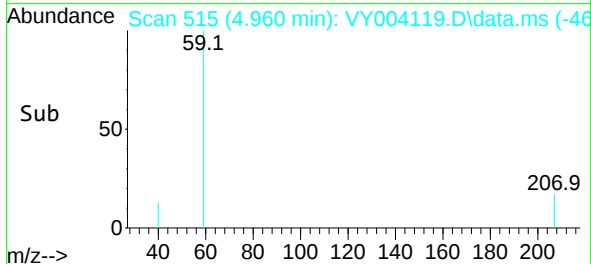
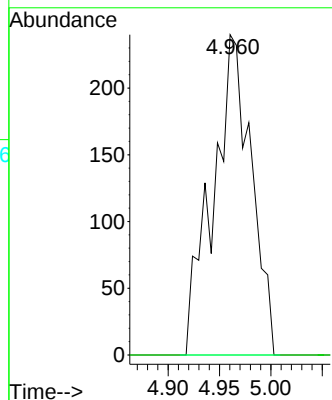
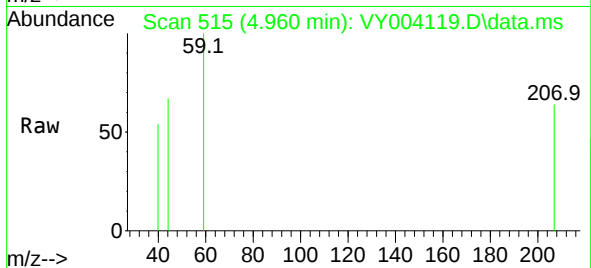
Lab File: VY004119.D

Acq: 18 Mar 2021 14:13

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

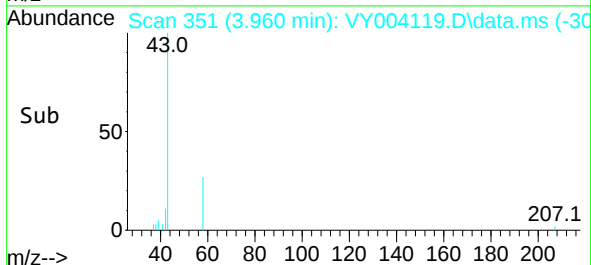
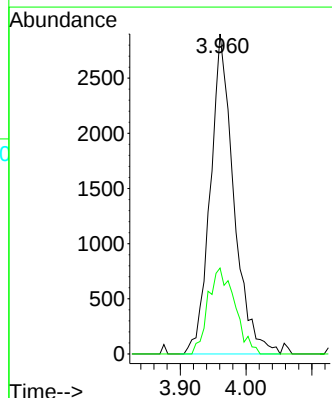
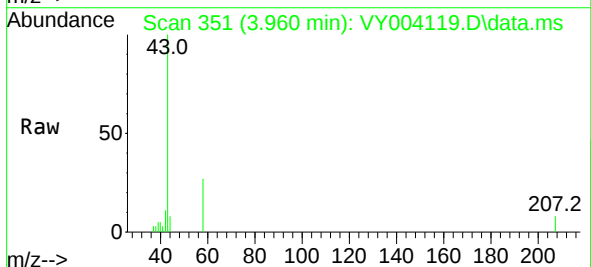
Lab File: VY004119.D

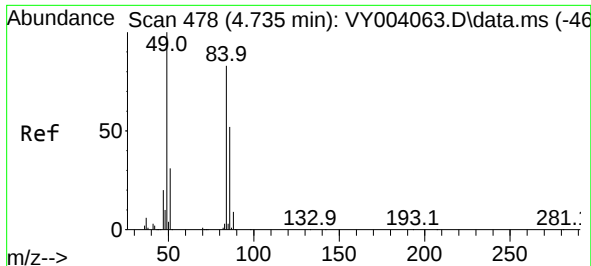
Acq: 18 Mar 2021 14:13

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

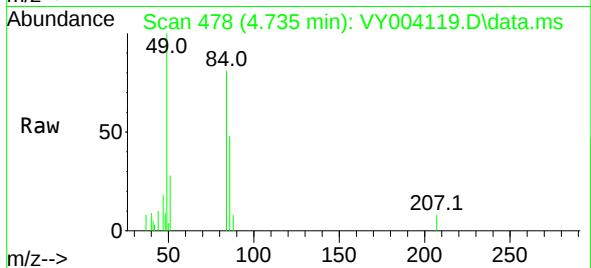
Lab File: VY004119.D

Acq: 18 Mar 2021 14:13

Instrument :

MSVOA_Y

ClientSampled :



Tgt Ion: 84 Resp: 4448

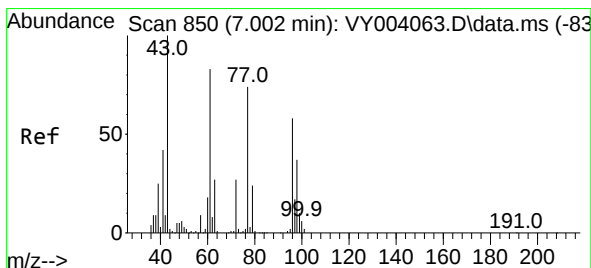
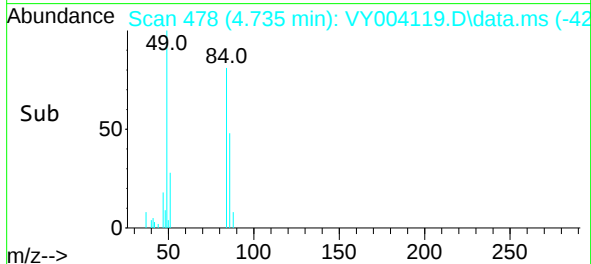
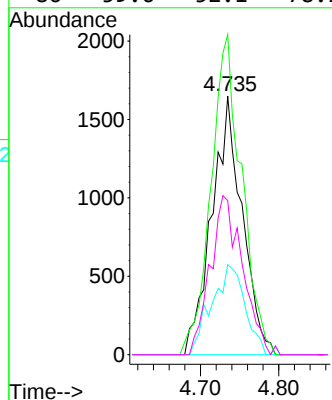
Ion	Ratio	Lower	Upper
84	100		
49	123.7	105.8	158.6
51	34.8	32.6	48.8
86	59.6	52.1	78.1

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

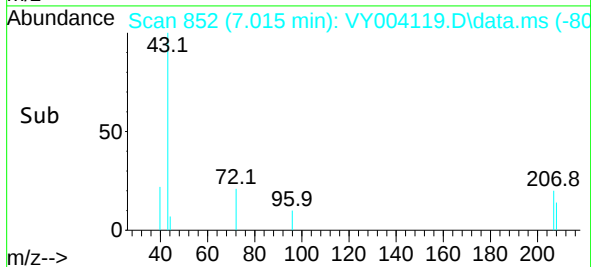
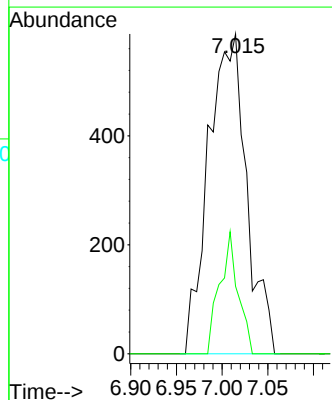
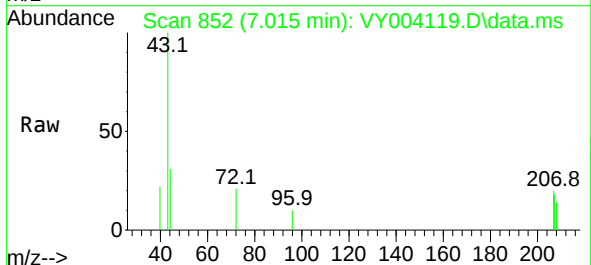
Acq: 18 Mar 2021 14:13

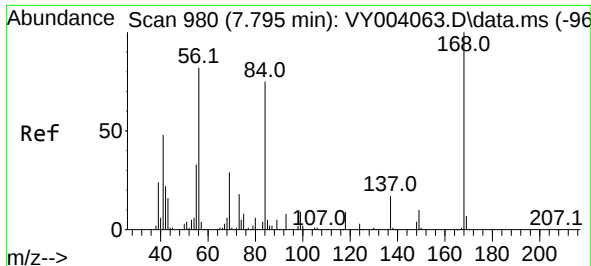
Tgt Ion: 43 Resp: 1698

Ion	Ratio	Lower	Upper
43	100		
72	21.1	19.4	29.0

43 100

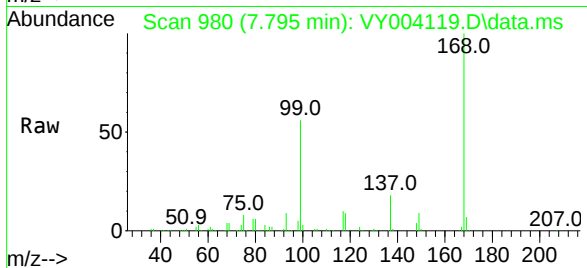
72 21.1 19.4 29.0



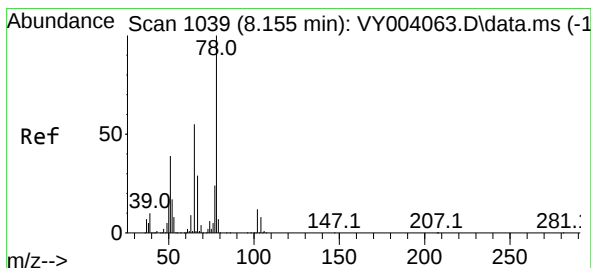
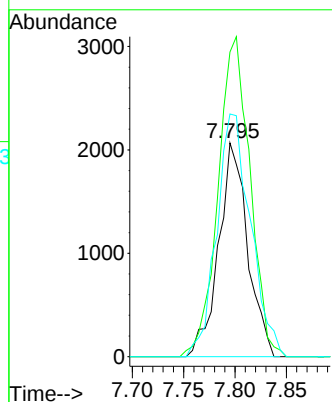
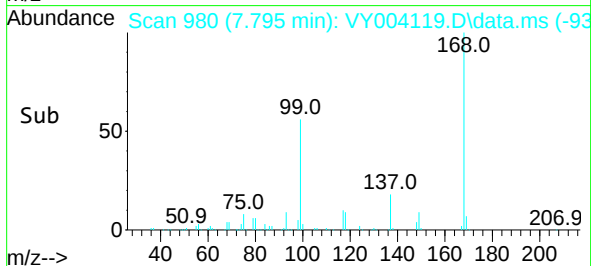


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

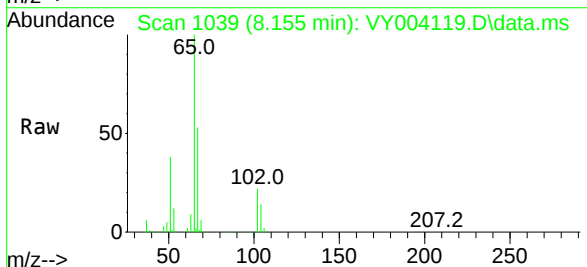
Instrument :
MSVOA_Y
ClientSampleId :



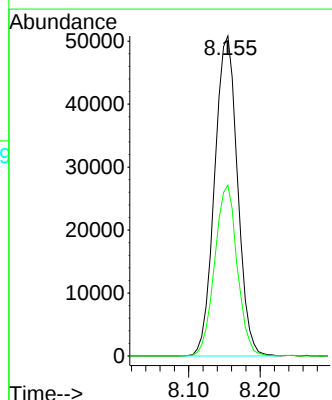
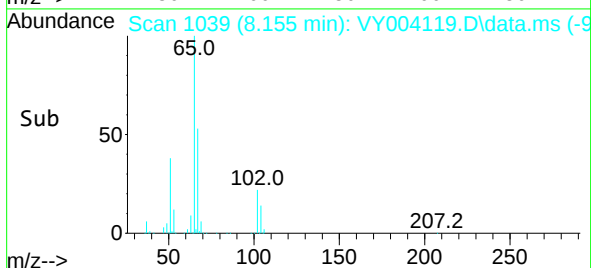
Tgt Ion: 56 Resp: 4048
Ion Ratio Lower Upper
56 100
69 142.5 25.3 37.9#
84 113.5 67.3 100.9#

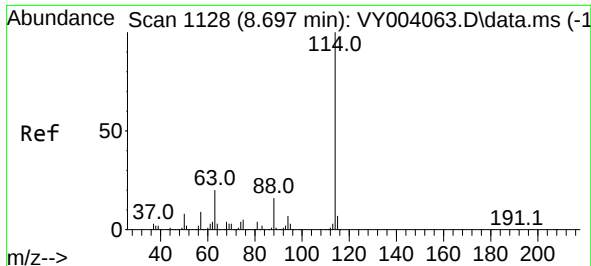


#33
1,2-Dichloroethane-d4
Concen: 58.77 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13



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

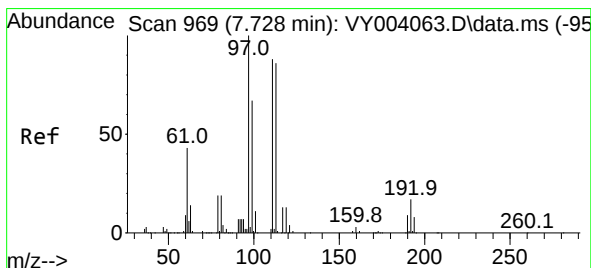
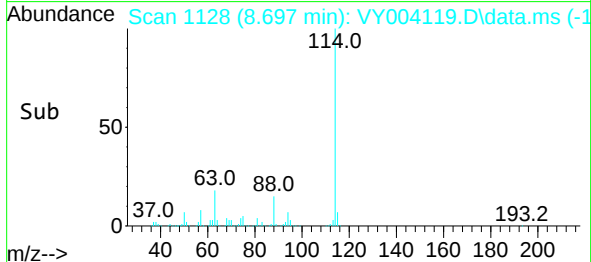
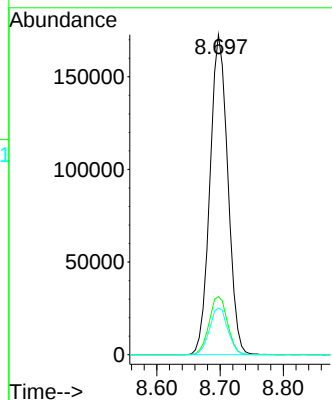
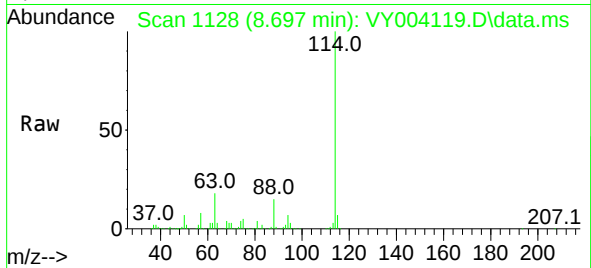




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

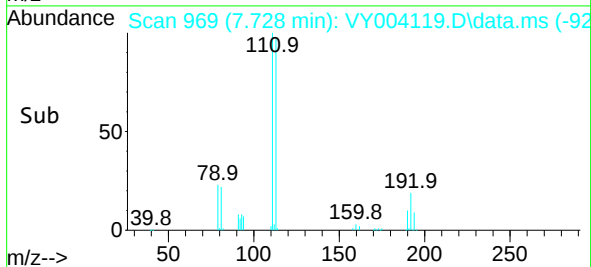
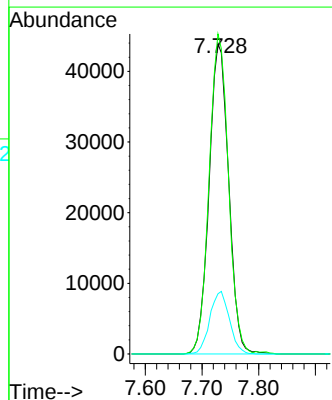
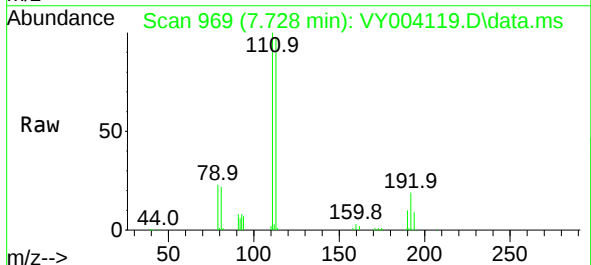
Instrument :
MSVOA_Y
ClientSampled :

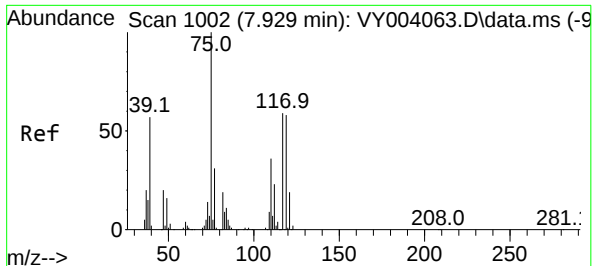
Tgt Ion:	114	Resp:	337756
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	41.6
88	14.6	0.0	31.4



#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

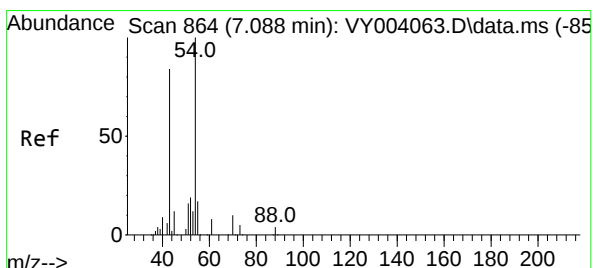
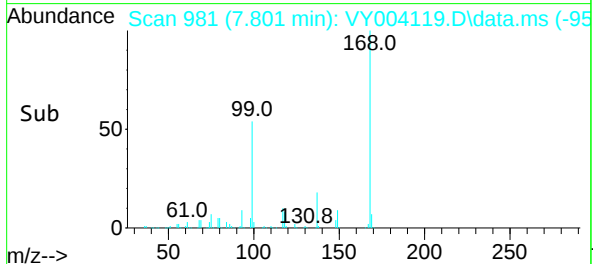
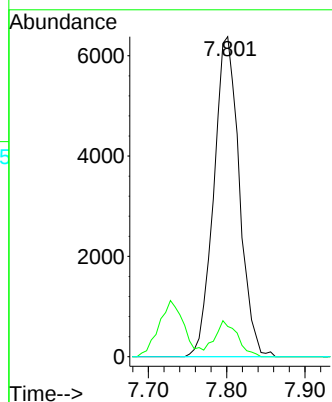
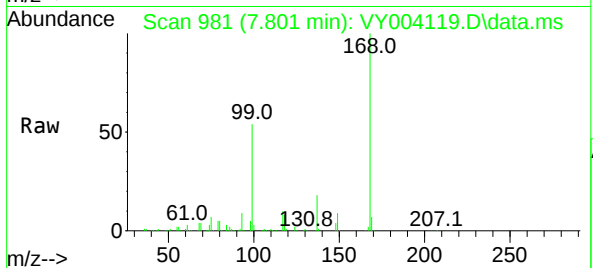




#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

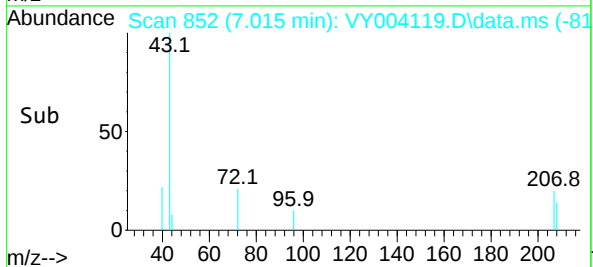
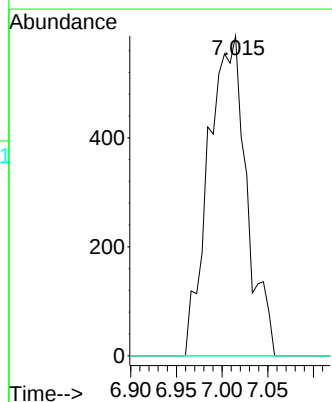
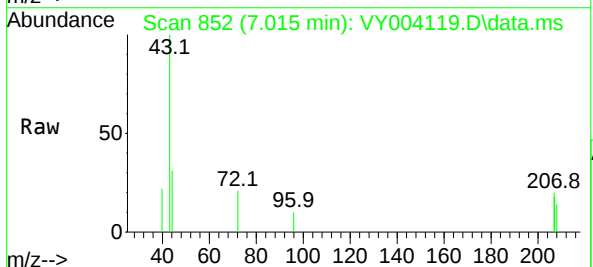
Instrument :
MSVOA_Y
ClientSampleId :

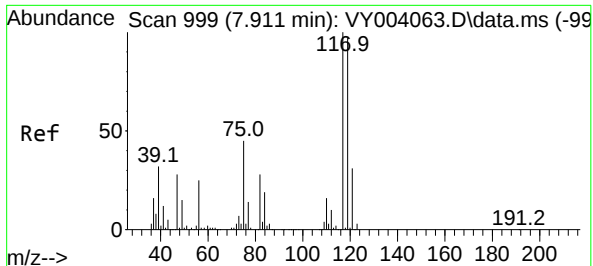
Tgt Ion: 75 Resp: 14411
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.3#
77 0.0 24.5 36.7#



#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

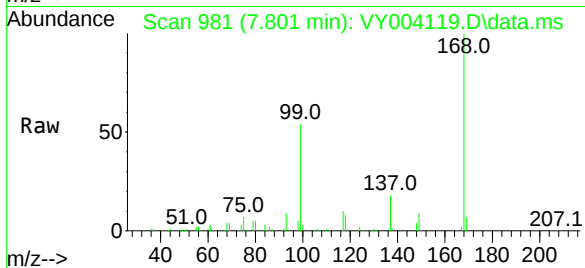
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.7 11.5#



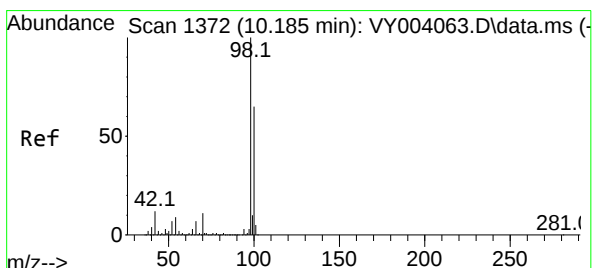
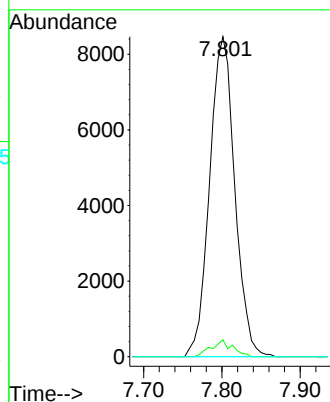
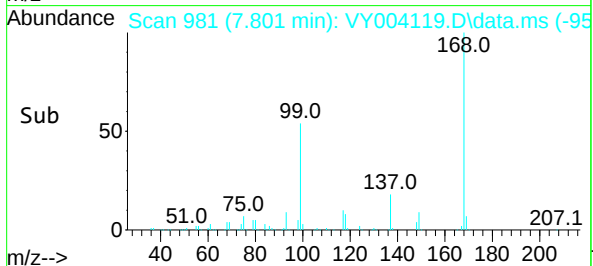


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

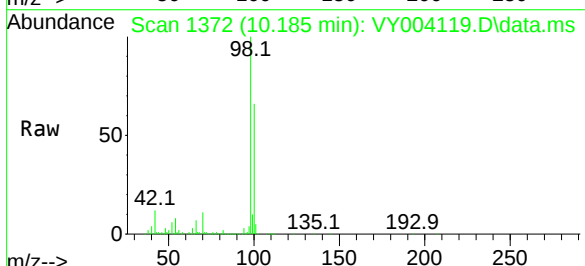
Instrument :
MSVOA_Y
ClientSampleId :



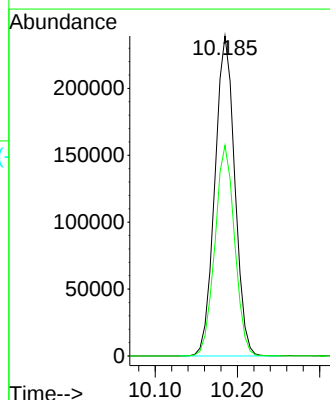
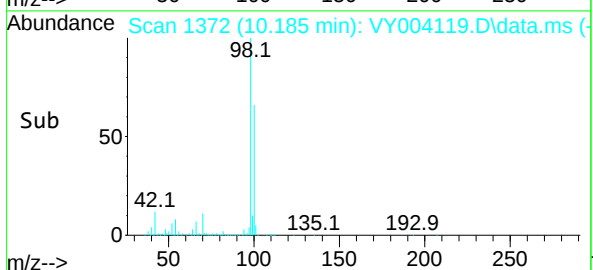
Tgt Ion:117 Resp: 18884
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 24.2 36.2#

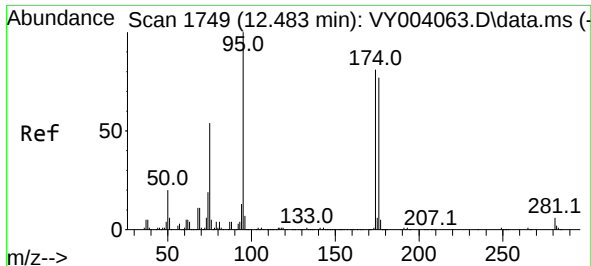


#50
Toluene-d8
Concen: 53.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13



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

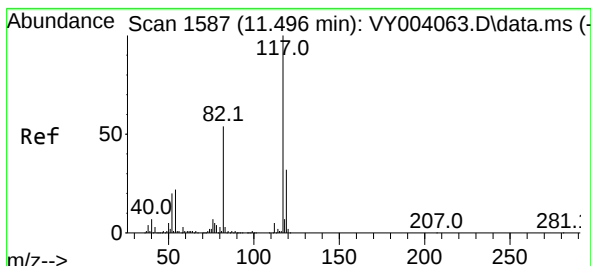
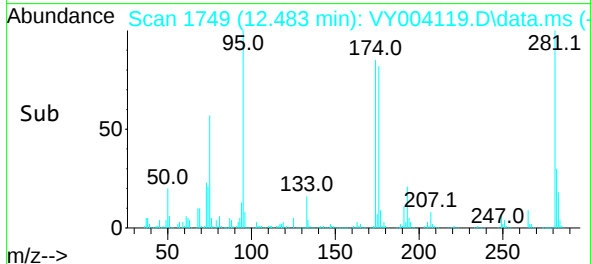
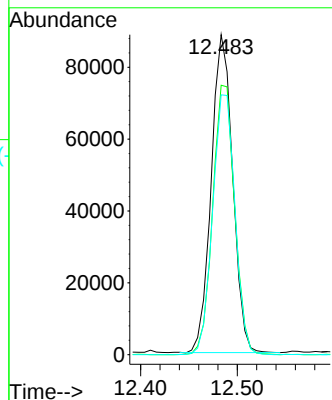
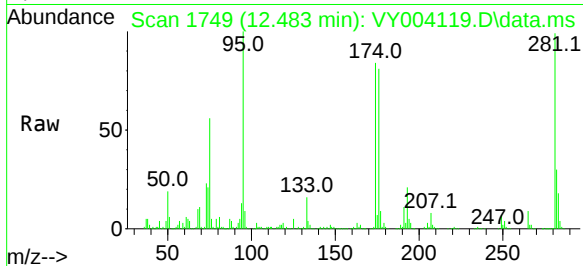




#62
4-Bromofluorobenzene
Concen: 49.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

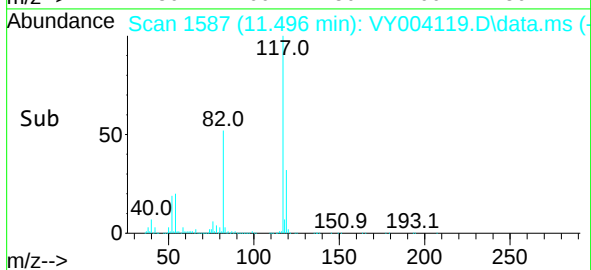
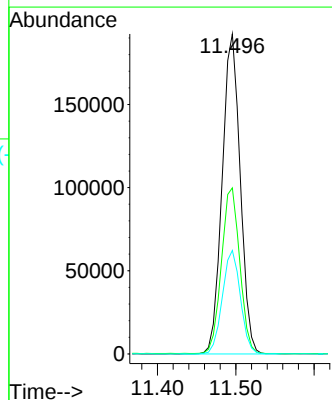
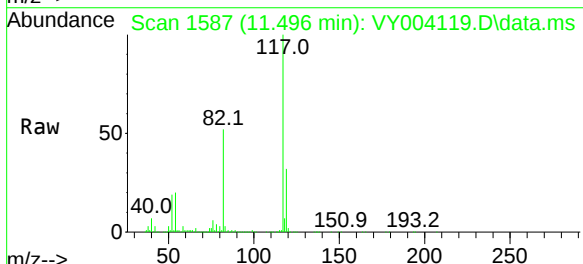
Instrument :
MSVOA_Y
ClientSampleId :

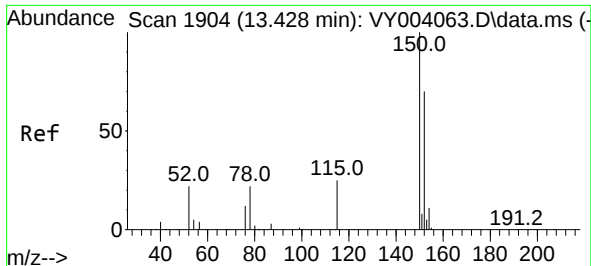
Tgt Ion: 95 Resp: 135997
Ion Ratio Lower Upper
95 100
174 86.9 0.0 179.0
176 85.3 0.0 174.4



#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

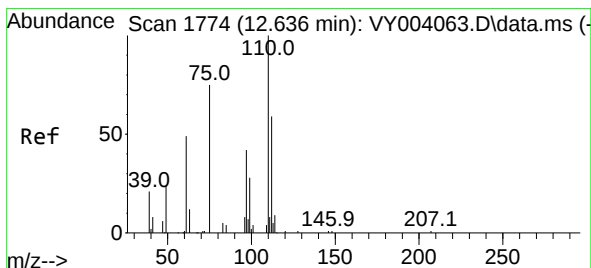
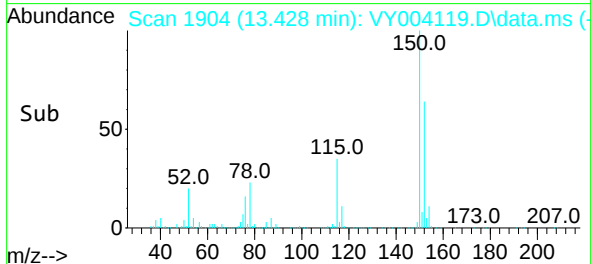
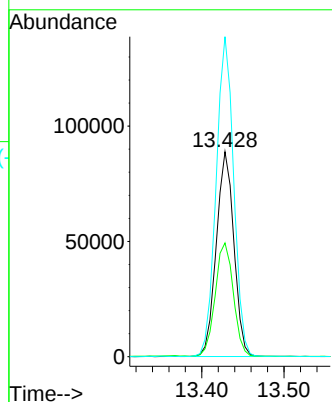
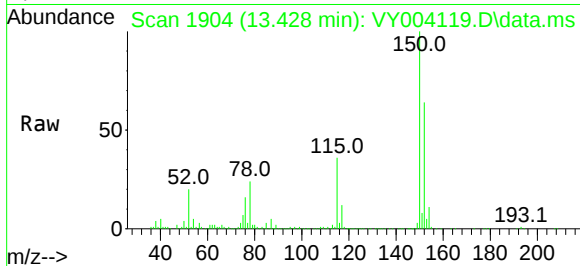




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004119.D
Acq: 18 Mar 2021 14:13

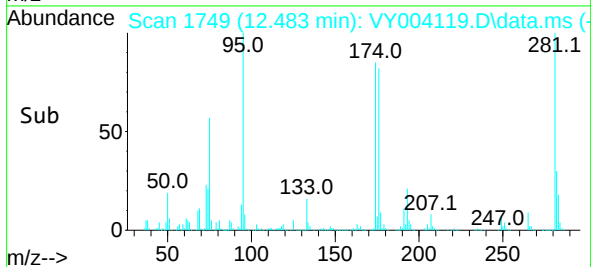
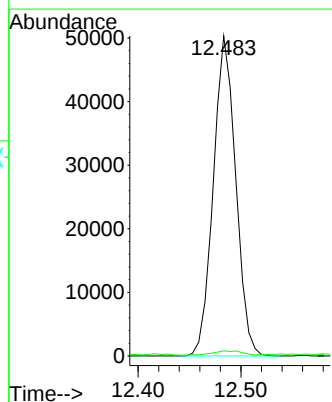
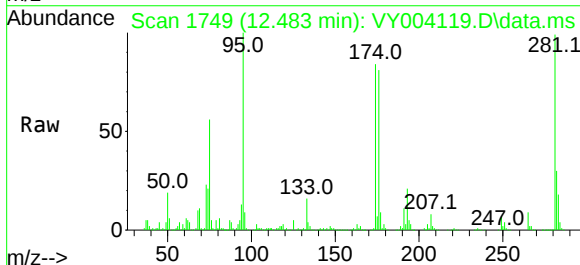
Instrument :
MSVOA_Y
ClientSampleId :

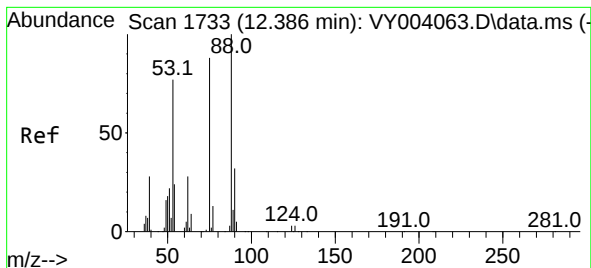
Tgt Ion:152 Resp: 132072
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.6
150 156.3 0.0 347.2



#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

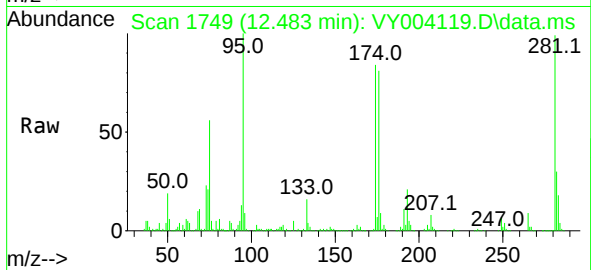
Tgt Ion: 75 Resp: 75971
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#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 :



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#

