

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007485.D
 Acq On : 11 Feb 2022 18:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 02:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

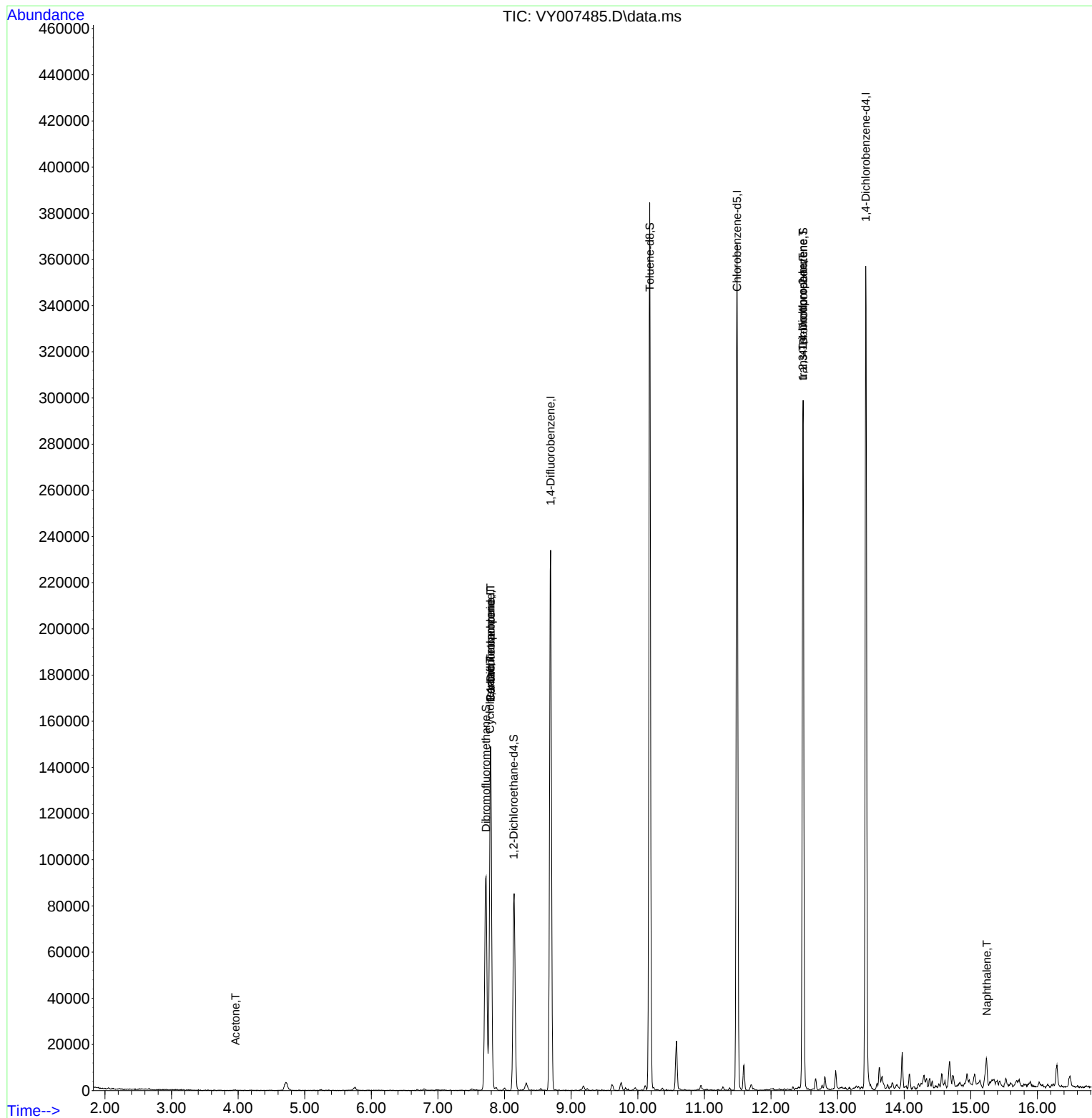
Internal Standards						
1) Pentafluorobenzene	7.789	168	109627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68916	54.653	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.300%			
35) Dibromofluoromethane	7.722	113	65989	51.573	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.179	98	245662	51.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.483	95	90736	56.472	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.940%			
Target Compounds						
3) Chloromethane	2.113	50	350	Below Cal	#	44
11) Tert butyl alcohol	4.936	59	79	Below Cal	#	77
16) Acetone	3.960	43	488	1.192	ug/l #	47
20) Methylene Chloride	4.723	84	2848	Below Cal	#	80
31) Cyclohexane	7.783	56	2587	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9104	4.070	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11779	5.012	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	50033	47.653	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50033	95.470	ug/l #	7
95) Naphthalene	15.239	128	9067	2.539	ug/l	99

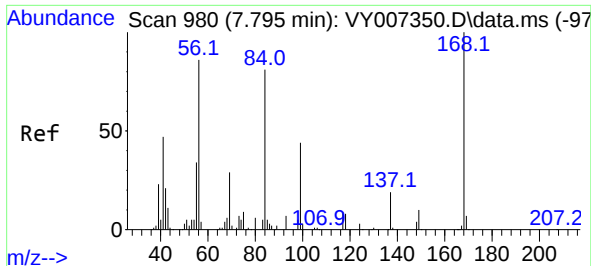
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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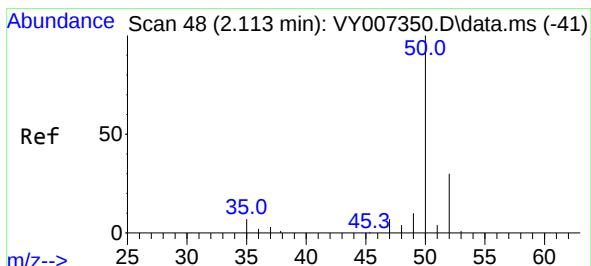
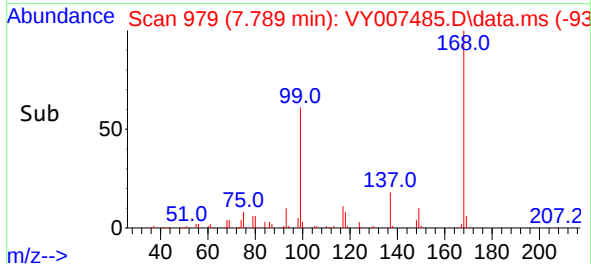
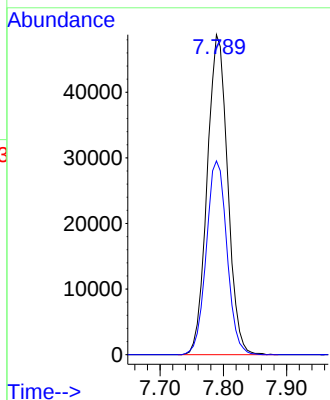
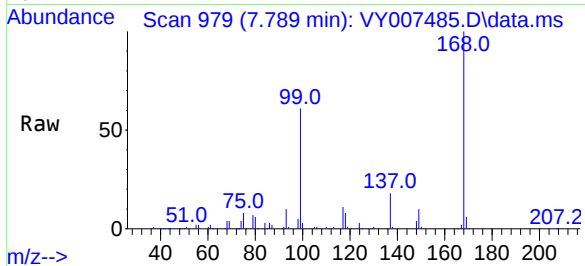




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

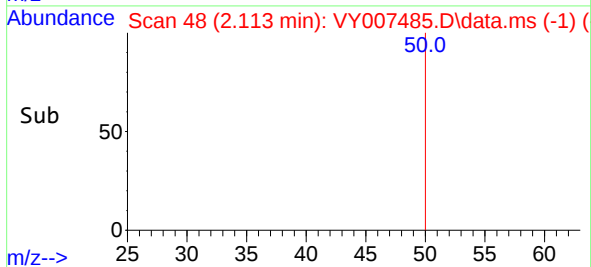
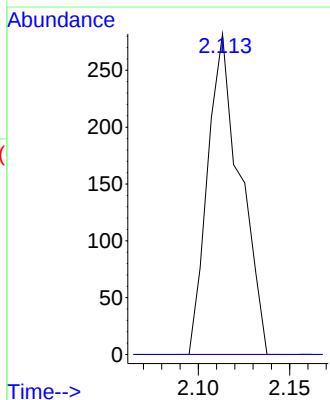
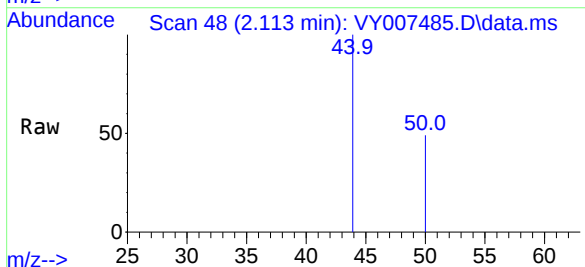
Instrument :
MSVOA_Y
ClientSampleId :

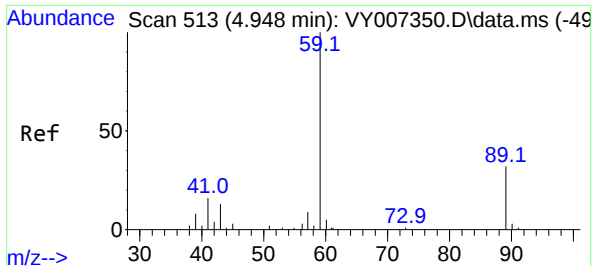
Tgt Ion:168 Resp: 109627
Ion Ratio Lower Upper
168 100
99 60.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Tgt Ion: 50 Resp: 350
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY007485.D

Acq: 11 Feb 2022 18:30

Instrument :

MSVOA_Y

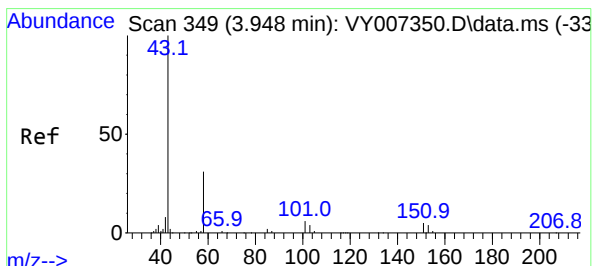
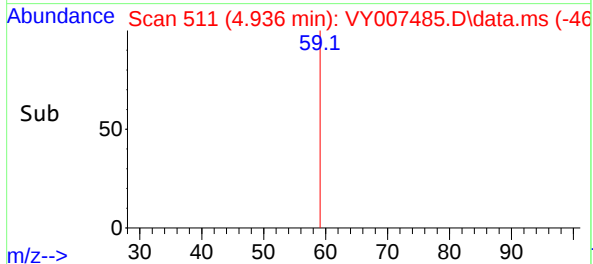
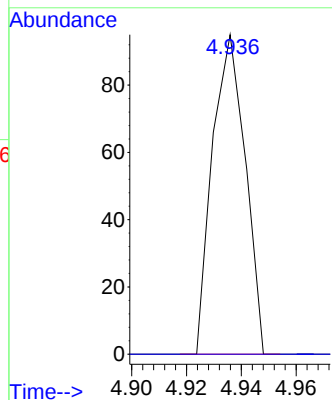
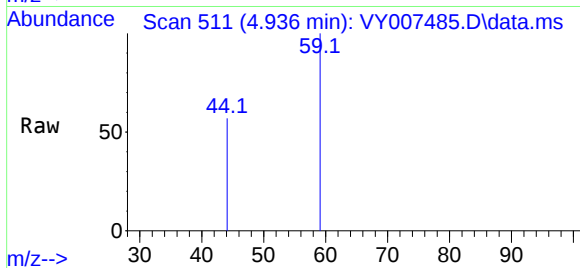
ClientSampleId :

Tgt Ion: 59 Resp: 79

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.192 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY007485.D

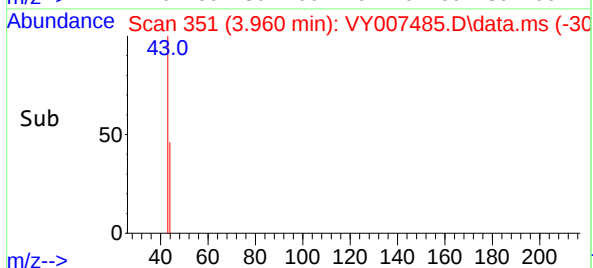
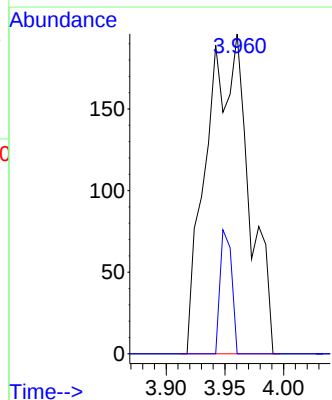
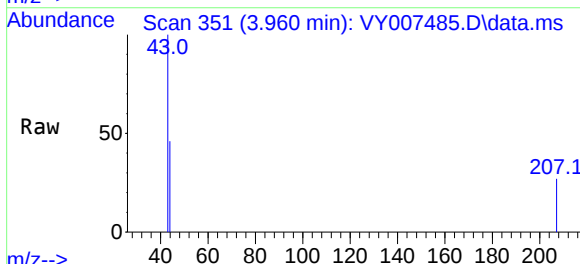
Acq: 11 Feb 2022 18:30

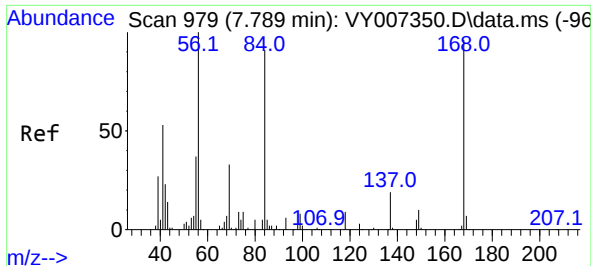
Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

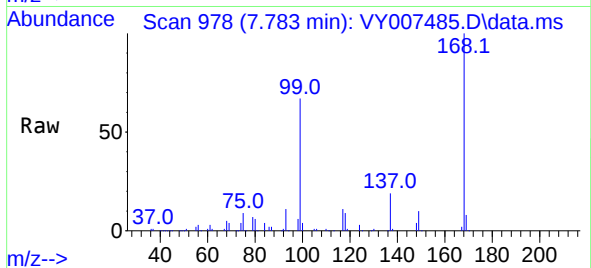
58 0.0 22.0 33.0#



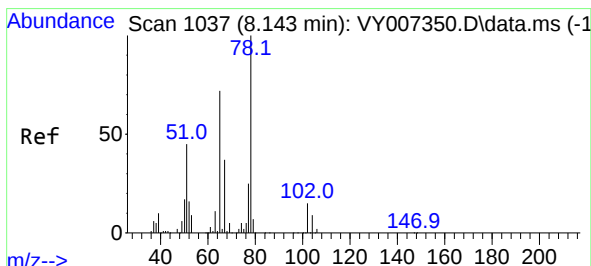
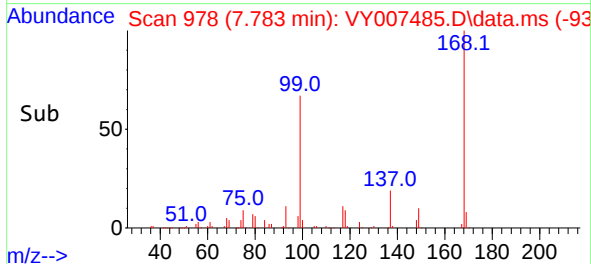
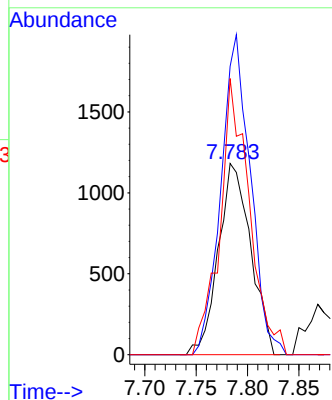


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Instrument :
MSVOA_Y
ClientSampleId :

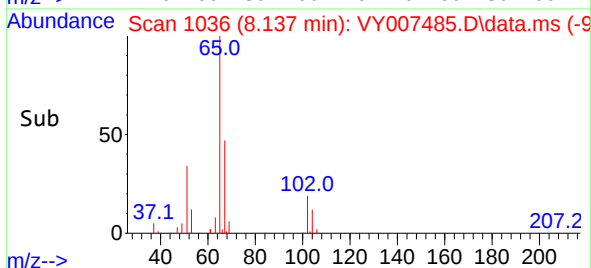
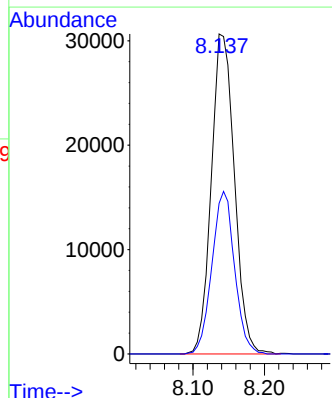
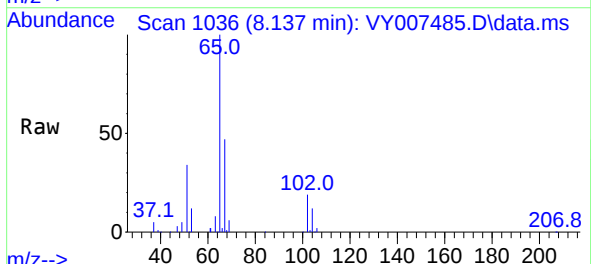


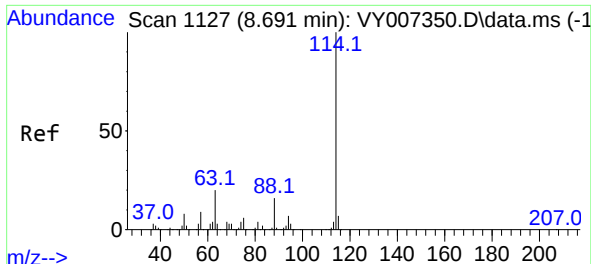
Tgt Ion: 56 Resp: 2587
Ion Ratio Lower Upper
56 100
69 150.8 26.7 40.1#
84 144.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.653 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Tgt Ion: 65 Resp: 68916
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007485.D

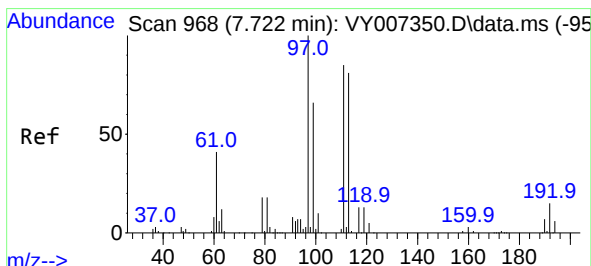
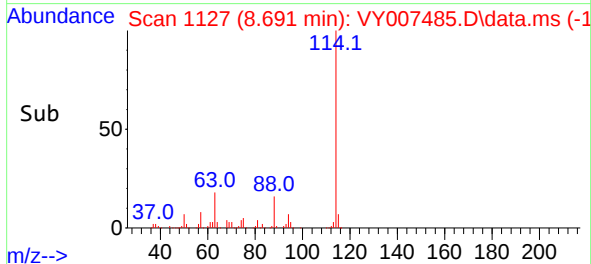
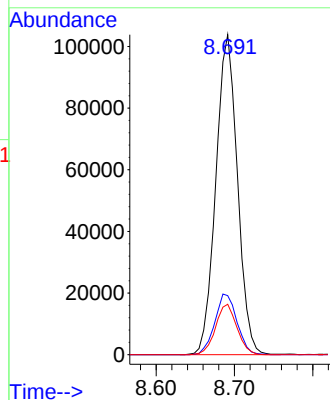
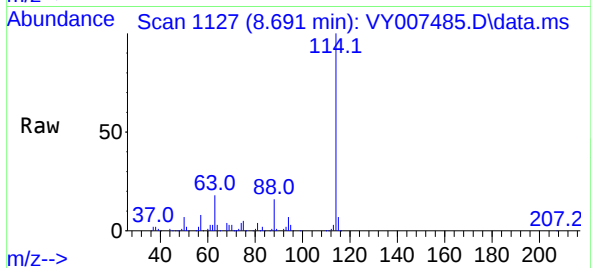
Acq: 11 Feb 2022 18:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	199261
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	15.8	0.0	31.8



#35

Dibromofluoromethane

Concen: 51.573 ug/l

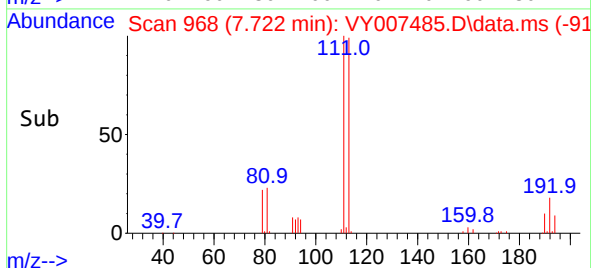
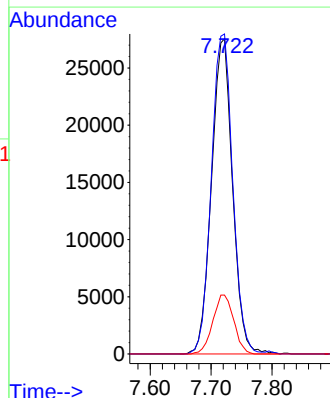
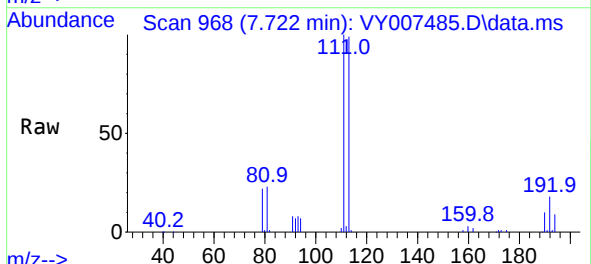
RT: 7.722 min Scan# 968

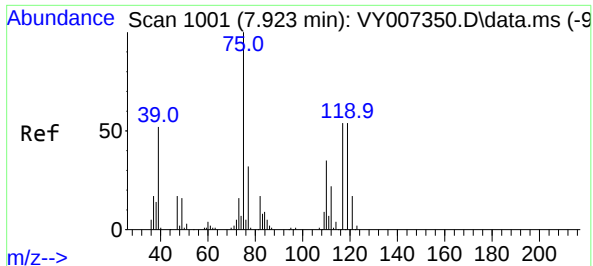
Delta R.T. 0.000 min

Lab File: VY007485.D

Acq: 11 Feb 2022 18:30

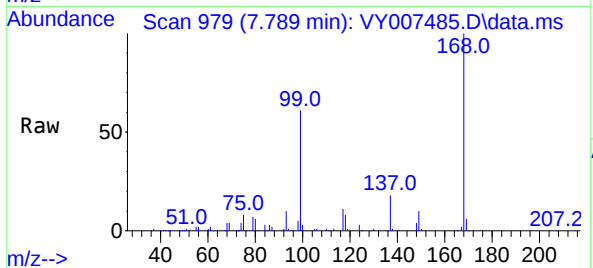
Tgt Ion:	113	Resp:	65989
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	18.6	17.6	26.4



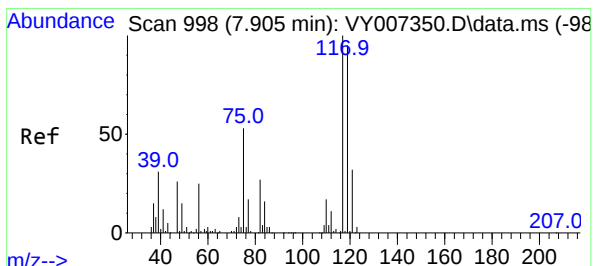
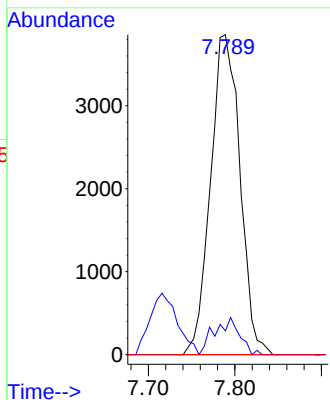
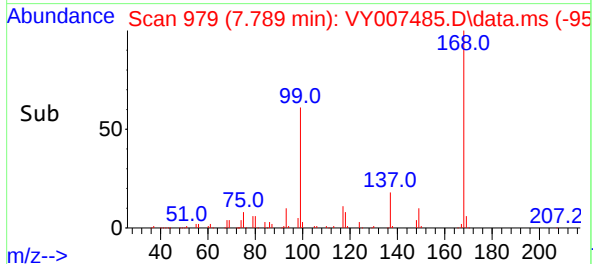


#36
1,1-Dichloropropene
Concen: 4.070 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

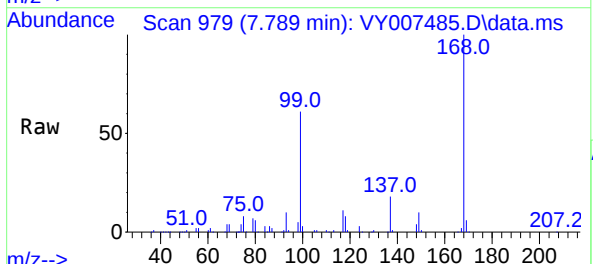
Instrument :
MSVOA_Y
ClientSampleId :



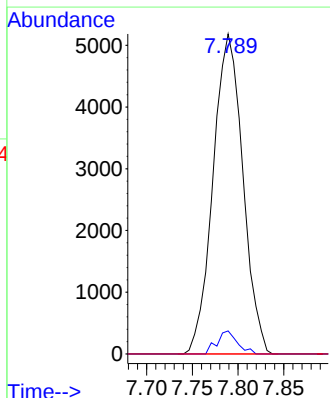
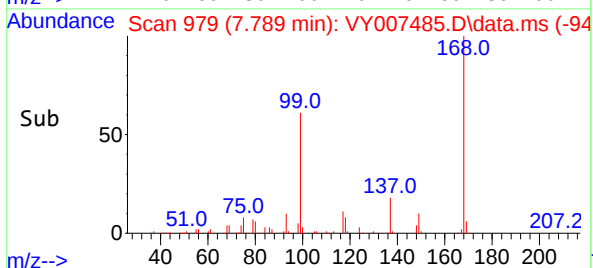
Tgt Ion: 75 Resp: 9104
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#

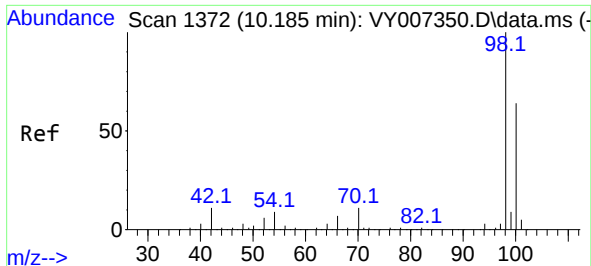


#38
Carbon Tetrachloride
Concen: 5.012 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30



Tgt Ion: 117 Resp: 11779
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#

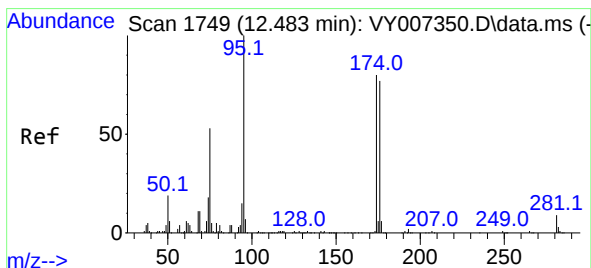
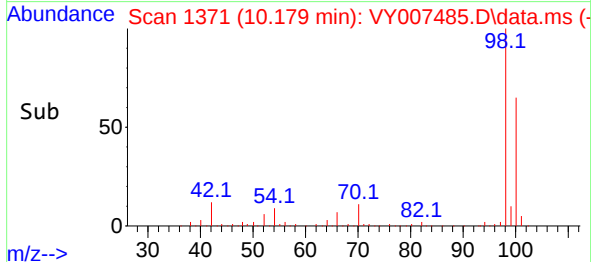
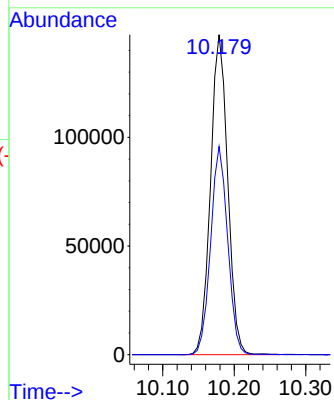
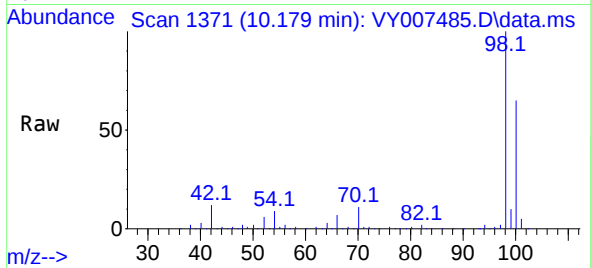




#50
Toluene-d8
Concen: 51.967 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

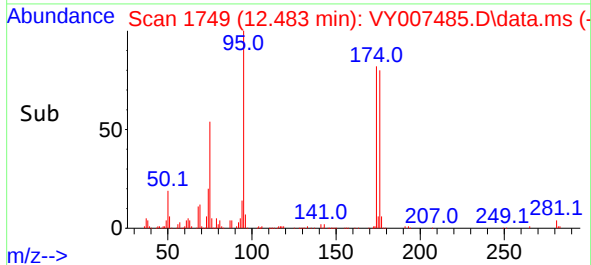
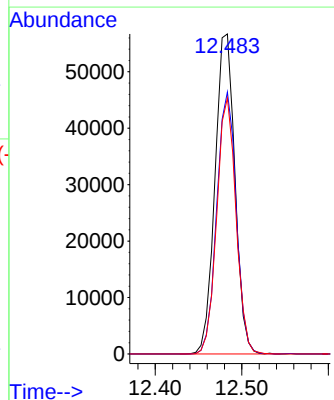
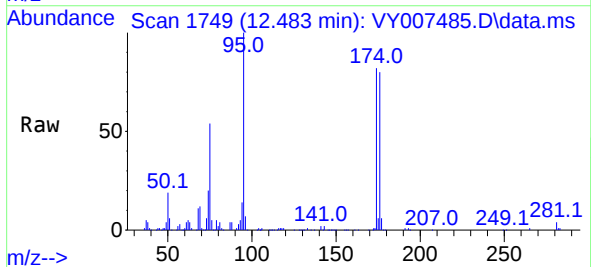
Instrument :
MSVOA_Y
ClientSampleId :

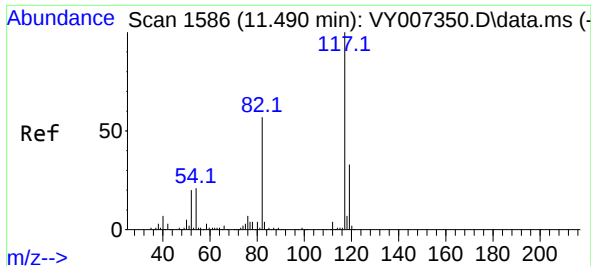
Tgt Ion: 98 Resp: 245662
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

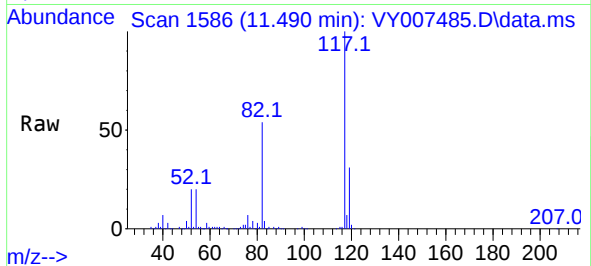
Tgt Ion: 95 Resp: 90736
Ion Ratio Lower Upper
95 100
174 79.7 0.0 177.0
176 76.8 0.0 175.8



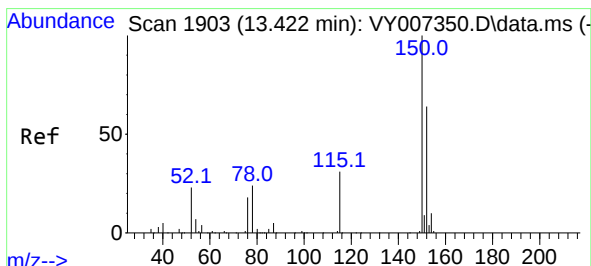
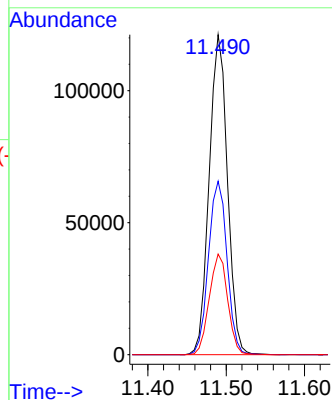
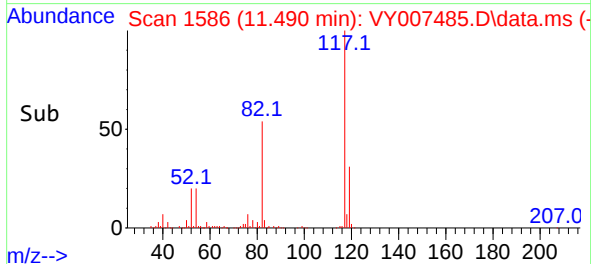


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Instrument :
MSVOA_Y
ClientSampleId :

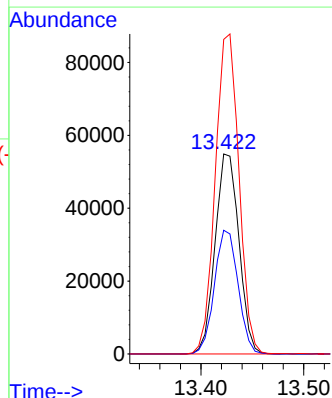
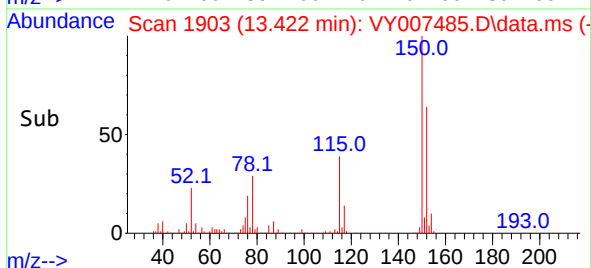
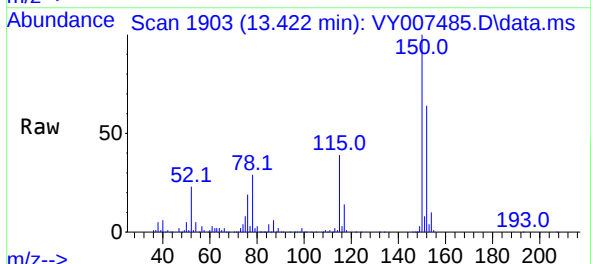


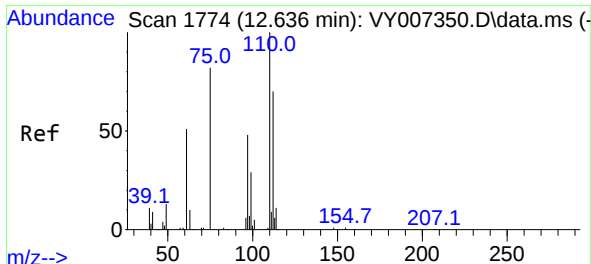
Tgt Ion:117 Resp: 196203
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Tgt Ion:152 Resp: 88318
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 159.0 0.0 347.6

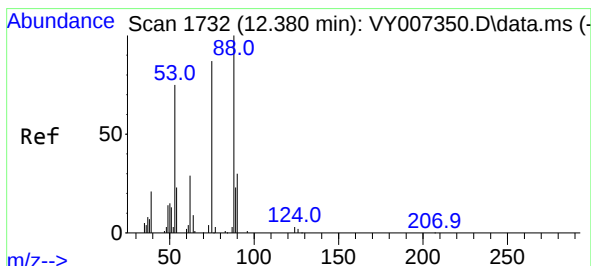
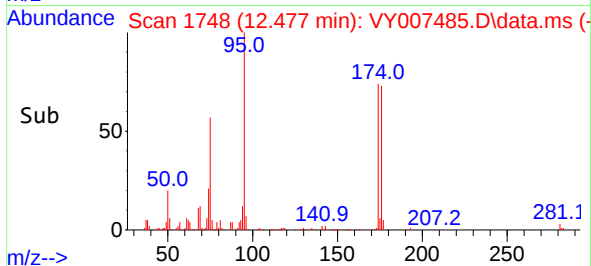
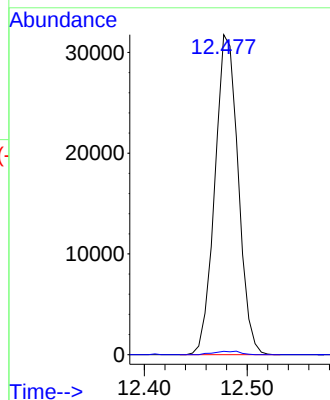
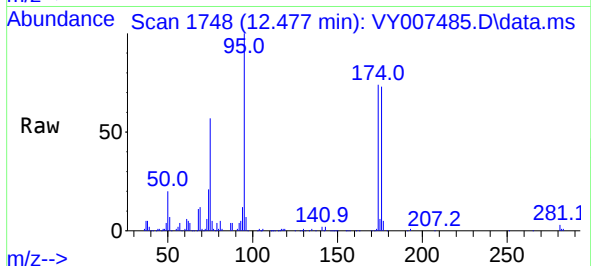




#76
1,2,3-Trichloropropane
Concen: 47.653 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

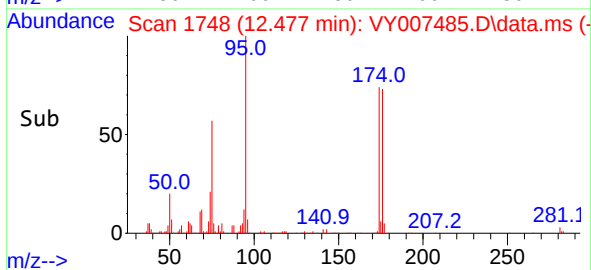
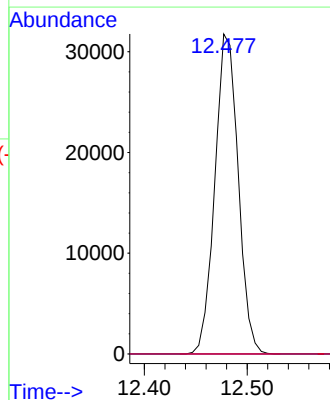
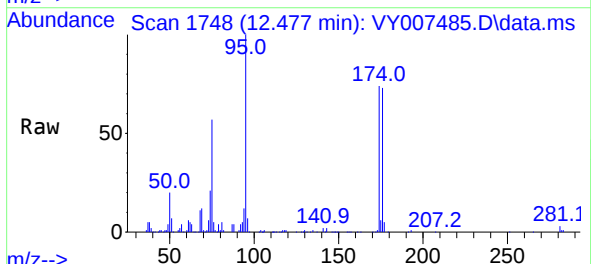
Instrument :
MSVOA_Y
ClientSampleId :

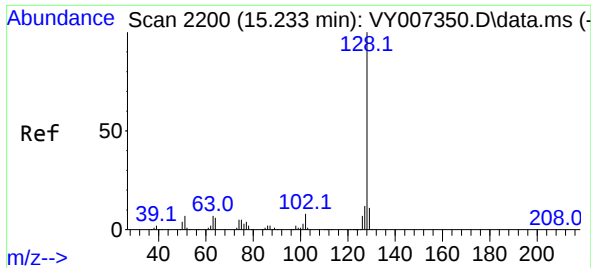
Tgt Ion: 75 Resp: 50033
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.470 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Tgt Ion: 75 Resp: 50033
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 2.539 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

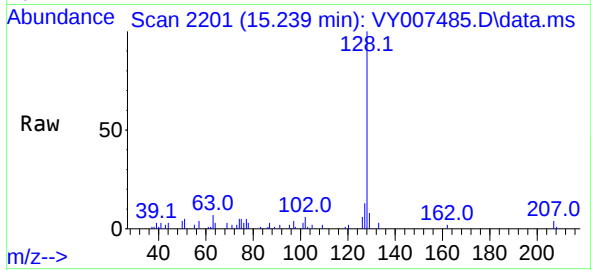
Lab File: VY007485.D

Acq: 11 Feb 2022 18:30

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 9067

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 9.8 8.4 12.6

