

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002855.D
 Acq On : 05 Jun 2020 17:49
 Operator : SY/MD
 Sample : L2890-05
 Misc : 6.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24245

Quant Time: Jun 06 07:59:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	281806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	450080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	126684	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	130576	53.36	ug/l	0.00
Spiked Amount			Recovery	=	106.72%	
35) Dibromofluoromethane	7.73	113	139895	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
50) Toluene-d8	10.18	98	516398	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.48	95	134025	36.77	ug/l	0.00
Spiked Amount			Recovery	=	73.54%	

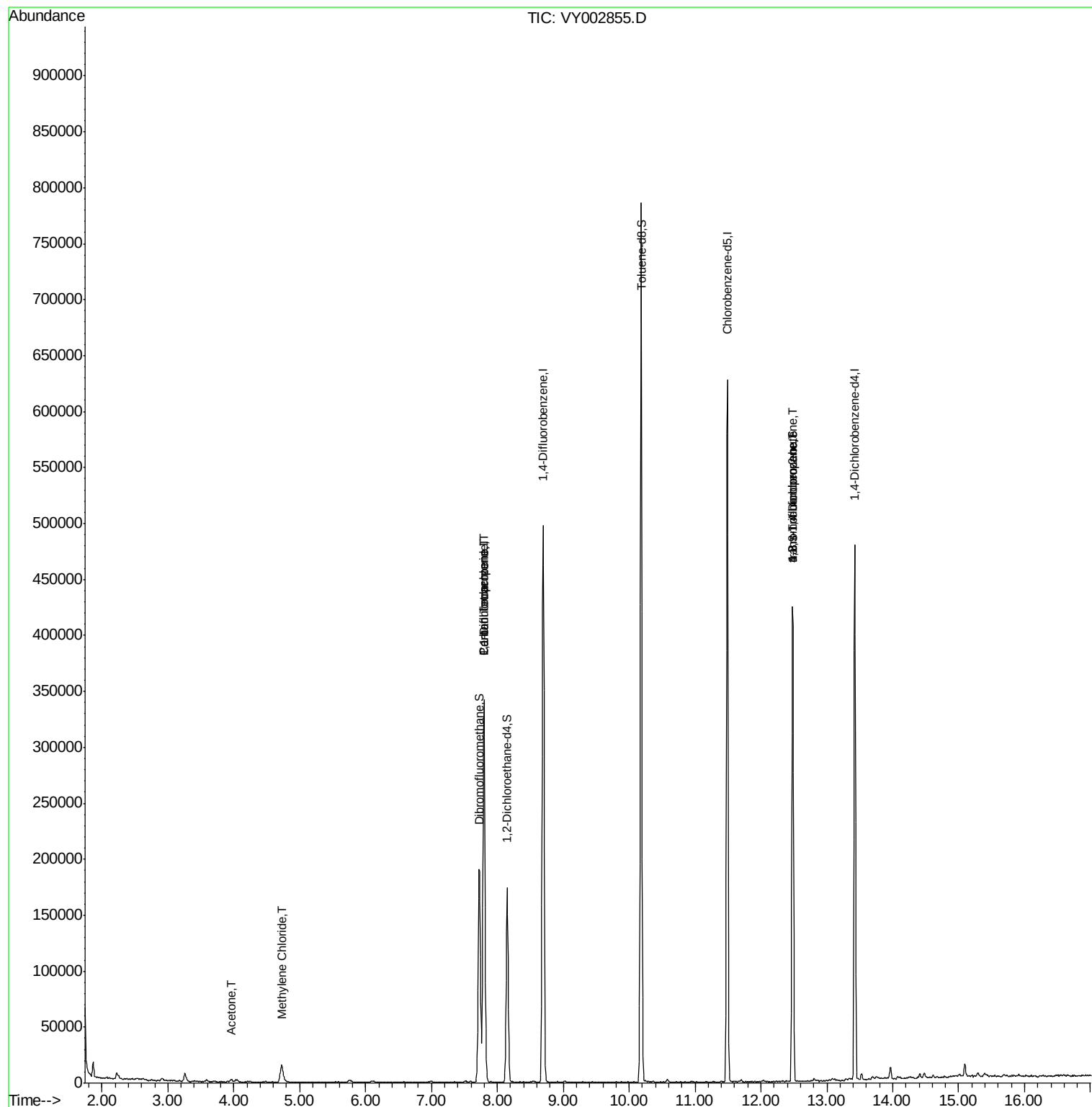
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	105	Below Cal	#	74
16) Acetone	3.96	43	3864	6.735	ug/l	94
18) Methyl Acetate	4.50	43	833	Below Cal	#	74
20) Methylene Chloride	4.72	84	12256	4.371	ug/l	97
36) 1,1-Dichloropropene	7.80	75	17399	4.589	ug/l #	50
38) Carbon Tetrachloride	7.80	117	24843	5.898	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	62606	54.845	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	62606	103.328	ug/l #	17

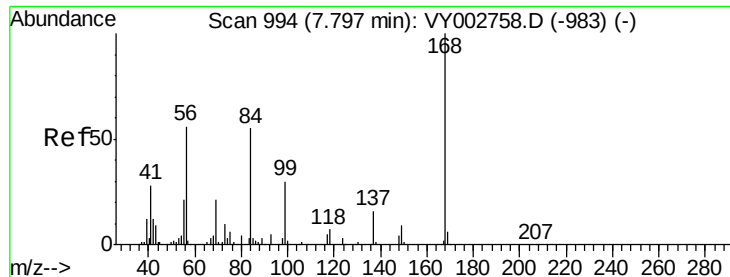
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002855.D

Acq: 05 Jun 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

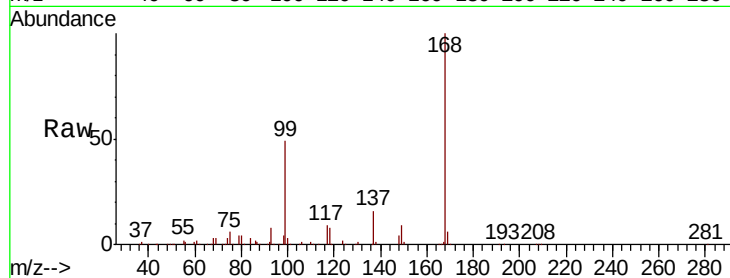
CHRT-24245

Tot Ion:168 Resp: 281806

Ion Ratio Lower Upper

168 100

99 49.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

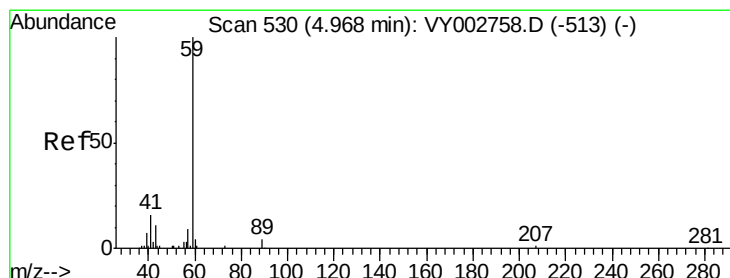
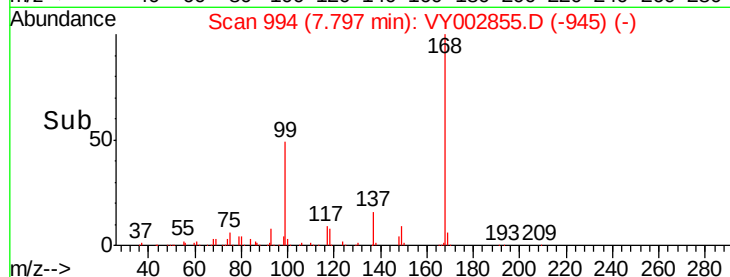
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.02 min

Lab File: VY002855.D

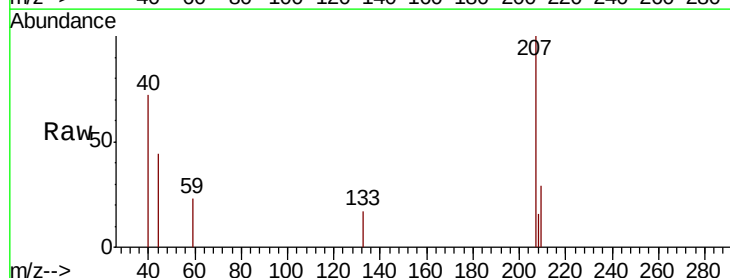
Acq: 05 Jun 2020 17:49

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

4.99

80

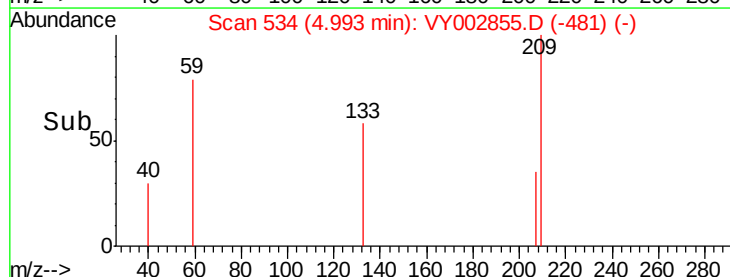
60

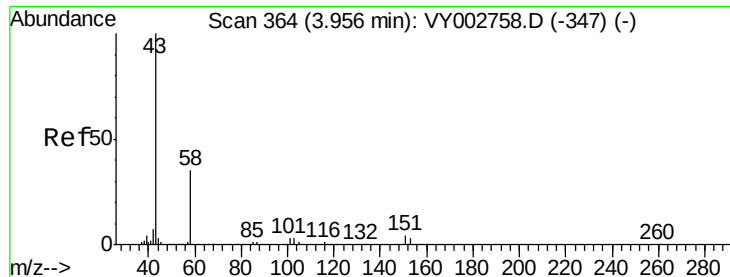
40

20

0

Time-->





#16

Acetone

Concen: 6.735 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002855.D

Acq: 05 Jun 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

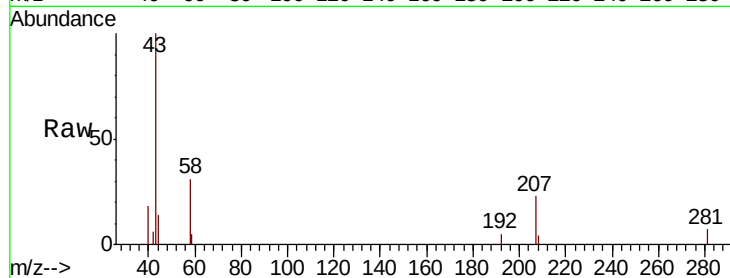
CHRT-24245

Tot Ion: 43 Resp: 3864

Ion Ratio Lower Upper

43 100

58 30.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002855.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002855.D (-347) (-)

3.96

1500

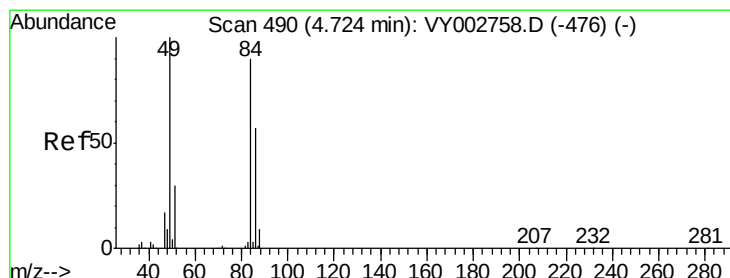
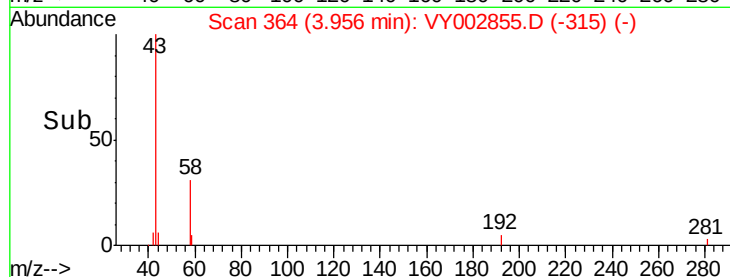
1000

500

0

3.90 4.00 4.10

Time-->



#20

Methylene Chloride

Concen: 4.371 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002855.D

Acq: 05 Jun 2020 17:49

Tgt Ion: 84 Resp: 12256

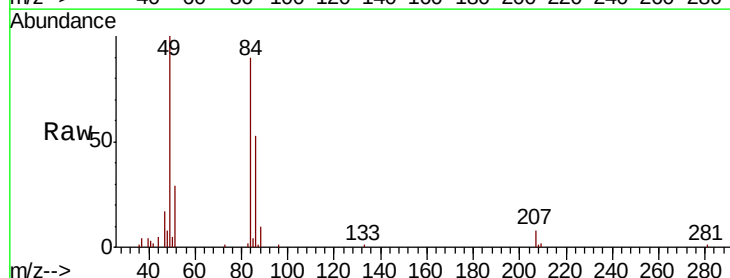
Ion Ratio Lower Upper

84 100

49 110.8 88.5 132.7

51 32.0 26.8 40.2

86 58.2 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002855.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002855.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002855.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002855.D (-441) (-)

4.72

6000

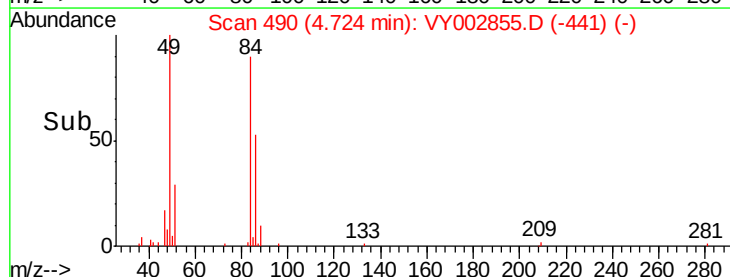
4000

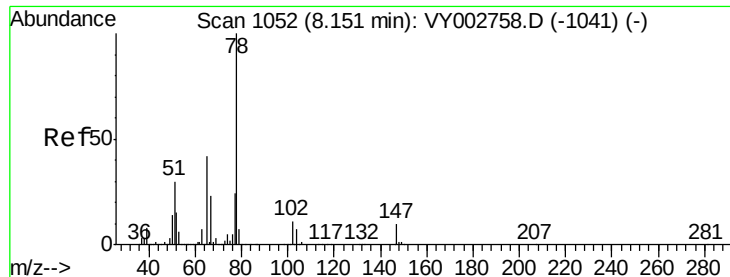
2000

0

4.60 4.70 4.80

Time-->

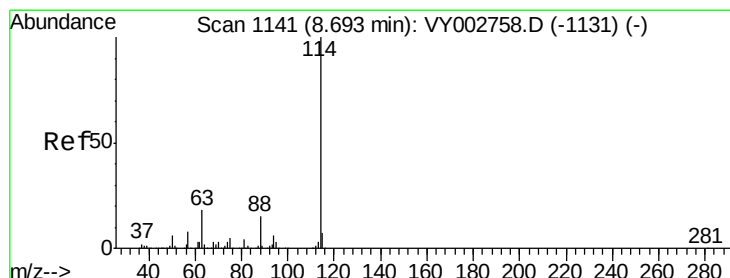
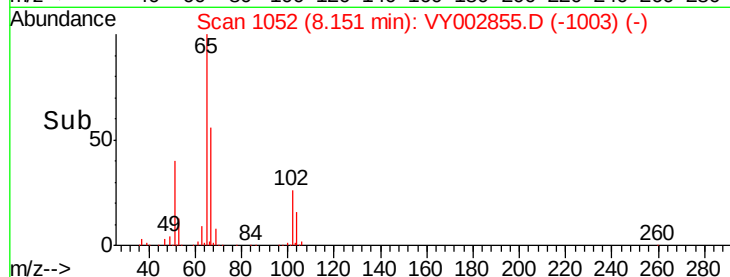
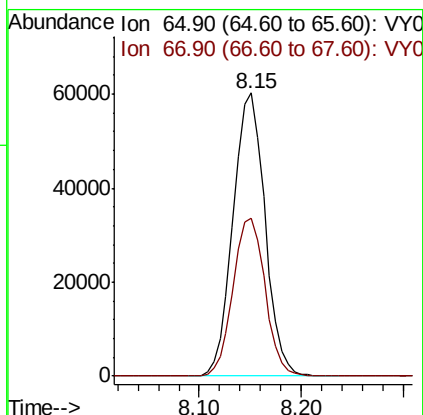
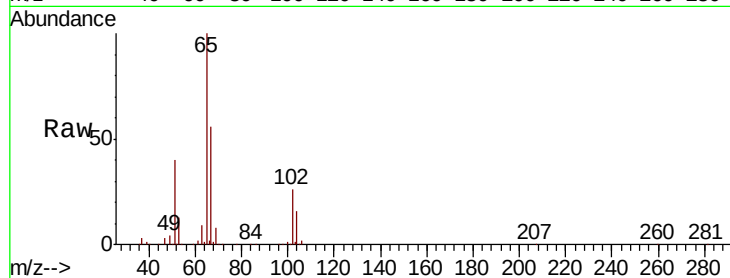




#33
 1,2-Dichloroethane-d4
 Concen: 53.365 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002855.D
 Acq: 05 Jun 2020 17:49

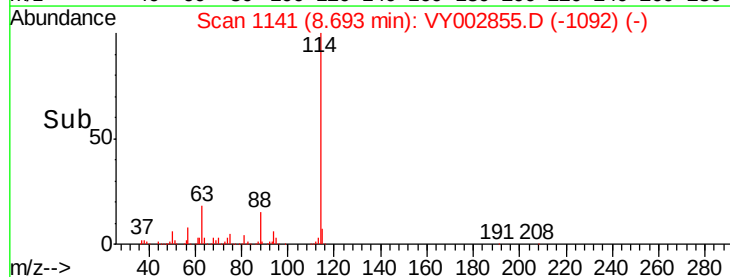
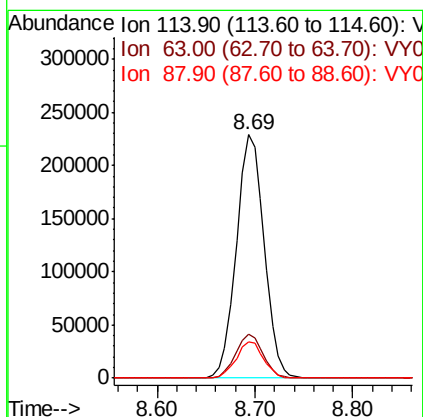
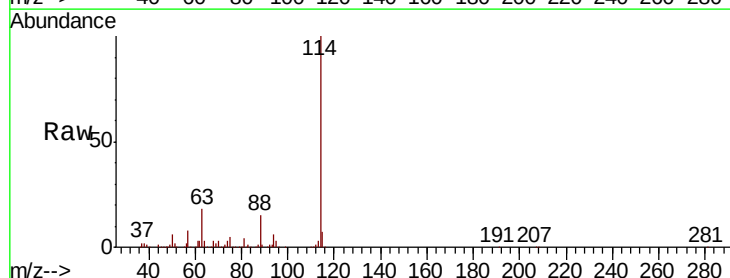
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24245

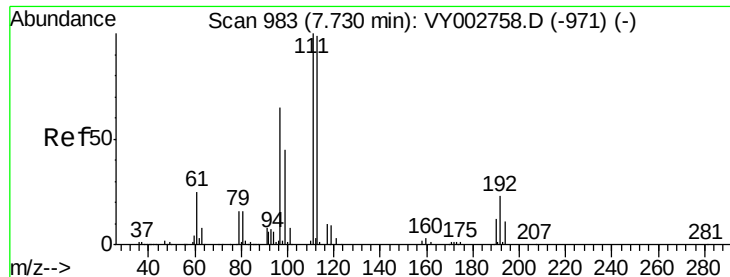
Tot Ion: 65 Resp: 130576
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002855.D
 Acq: 05 Jun 2020 17:49

Tgt Ion: 114 Resp: 450080
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 15.1 0.0 29.2

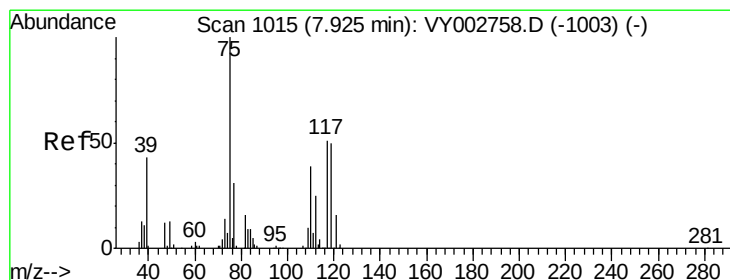
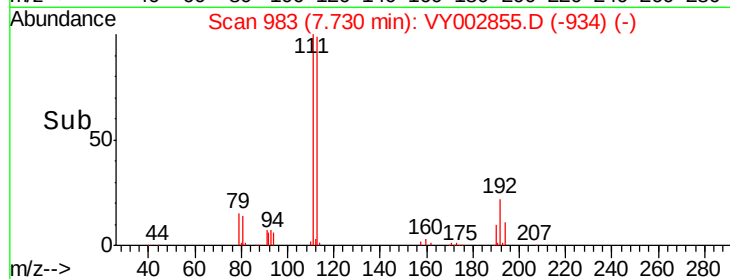
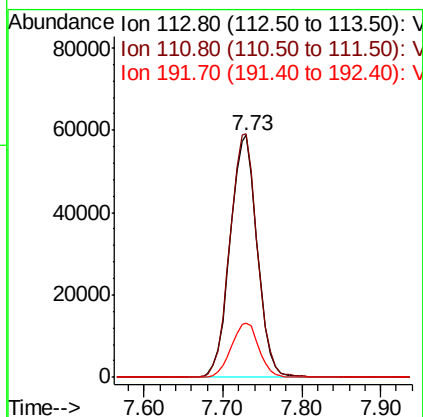
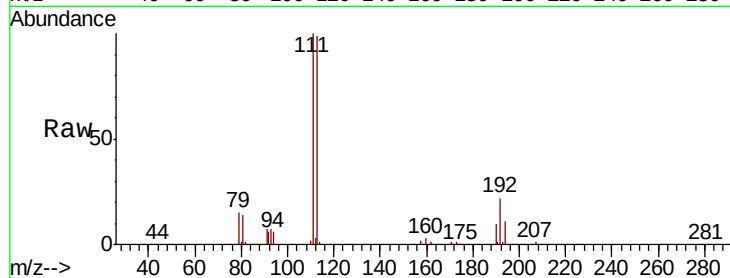




#35
 Dibromofluoromethane
 Concen: 53.037 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002855.D
 Acq: 05 Jun 2020 17:49

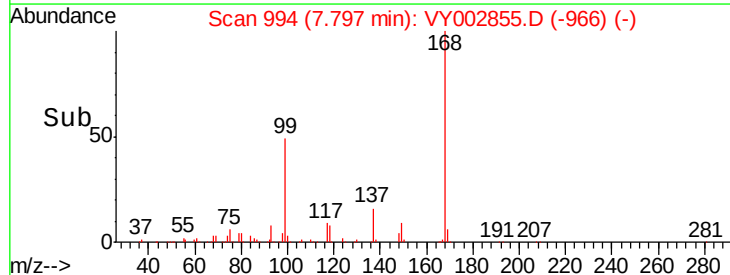
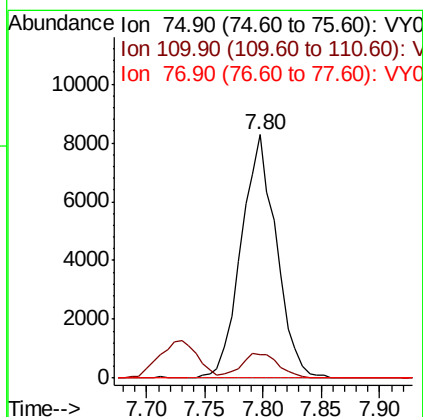
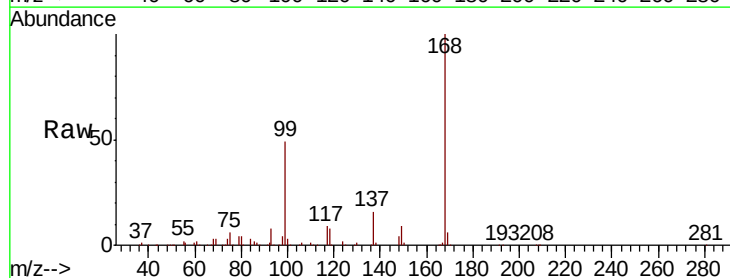
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24245

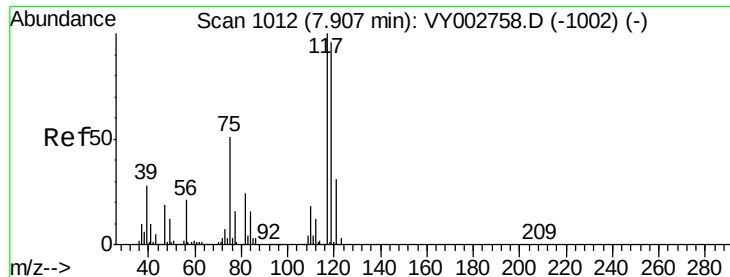
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	22.9	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.589 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002855.D
 Acq: 05 Jun 2020 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.3	57.9#
77	0.0	24.8	37.2#

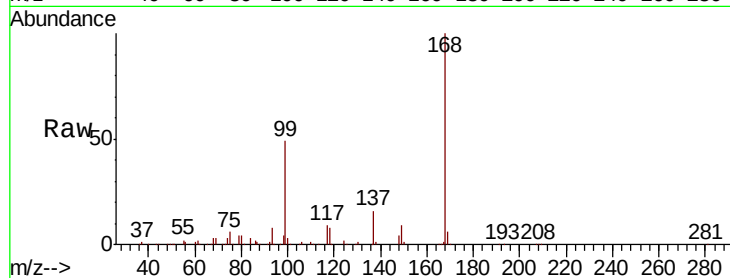




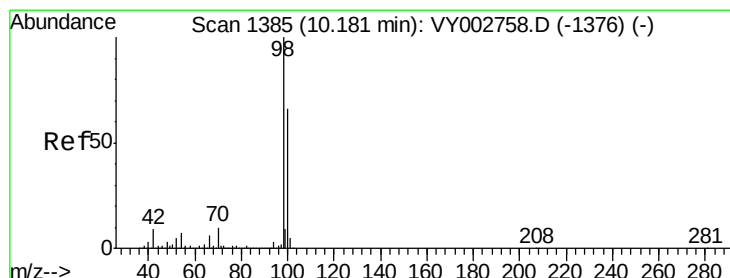
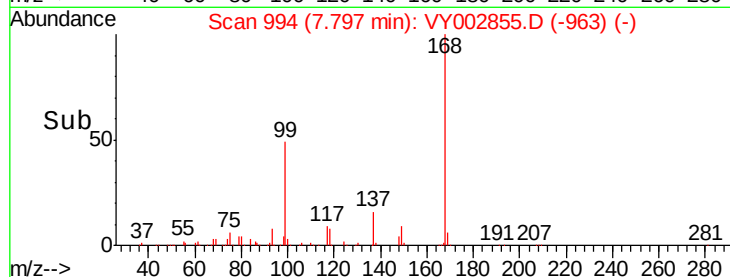
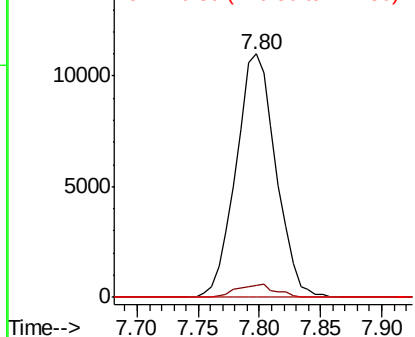
#38
Carbon Tetrachloride
Concen: 5.898 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24245

Tot Ion:117 Resp: 24843
Ion Ratio Lower Upper
117 100
119 5.0 76.8 115.2#
121 0.0 24.8 37.2#

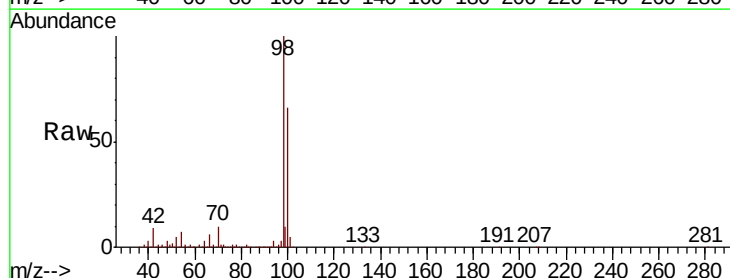


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

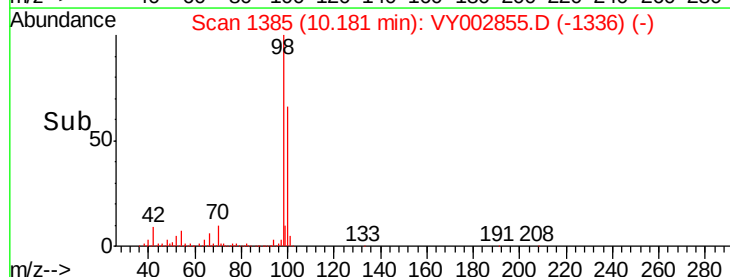
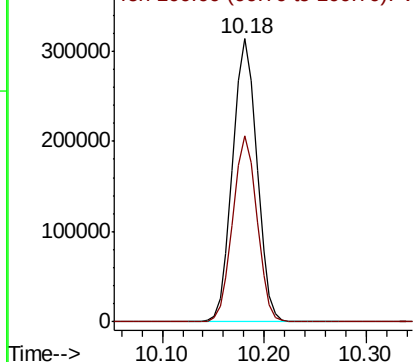


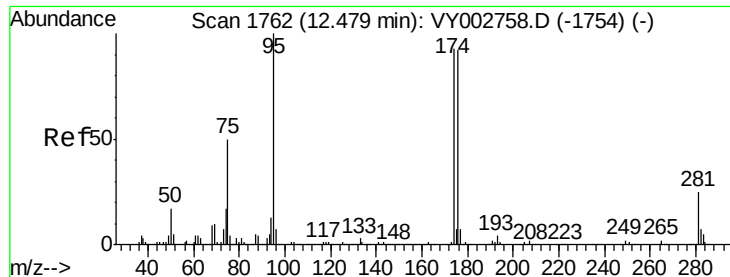
#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

Tgt Ion: 98 Resp: 516398
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

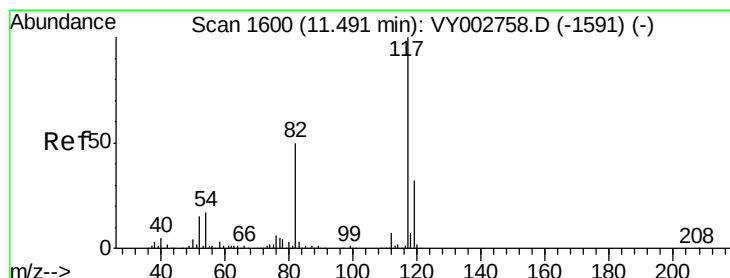
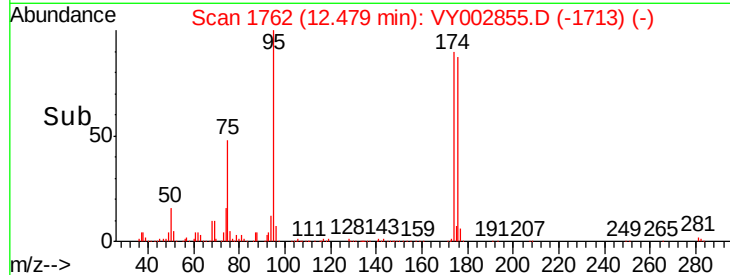
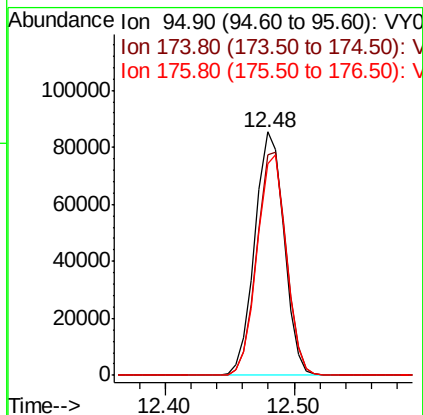
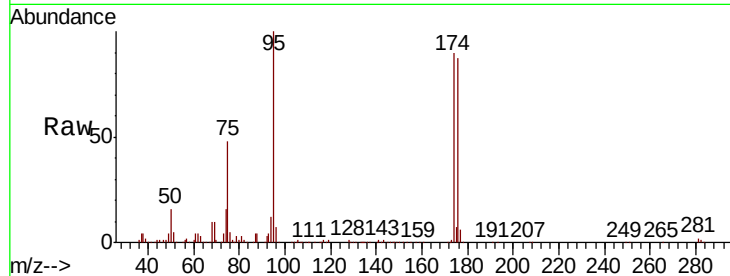




#62
4-Bromofluorobenzene
Concen: 36.772 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

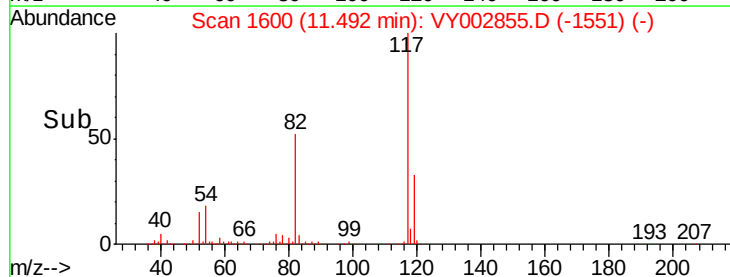
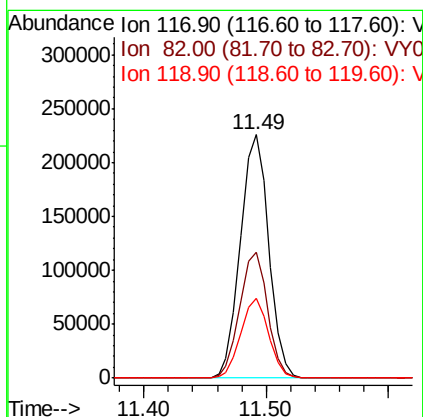
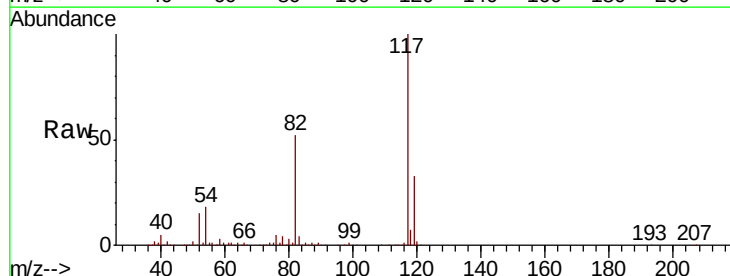
Instrument :
MSVOA_Y
ClientSampled :
CHRT-24245

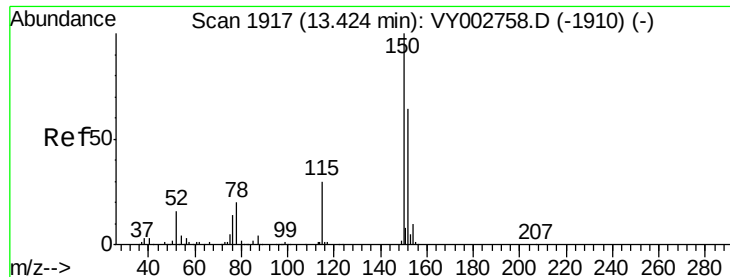
Tot Ion: 95 Resp: 134025
Ion Ratio Lower Upper
95 100
174 92.2 0.0 191.2
176 90.2 0.0 188.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

Tgt Ion: 117 Resp: 363524
Ion Ratio Lower Upper
117 100
82 51.7 40.2 60.4
119 32.9 25.8 38.8



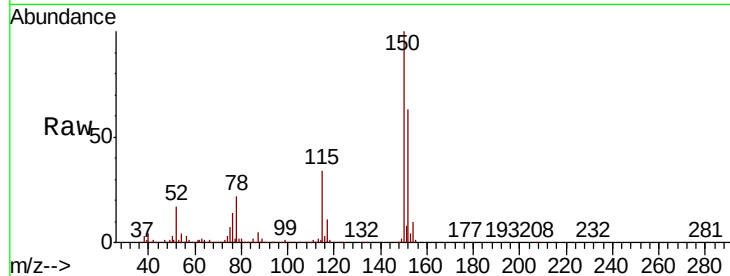


#72

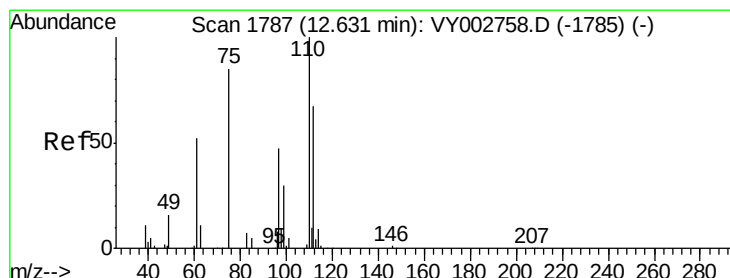
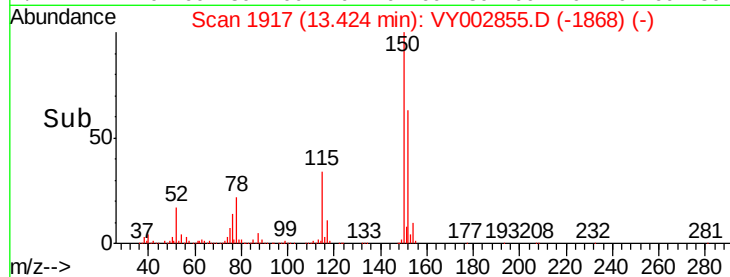
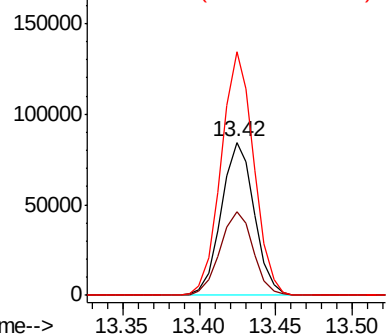
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24245

Tot Ion:152 Resp: 126684
Ion Ratio Lower Upper
152 100
115 54.8 27.0 81.0
150 157.5 0.0 344.8



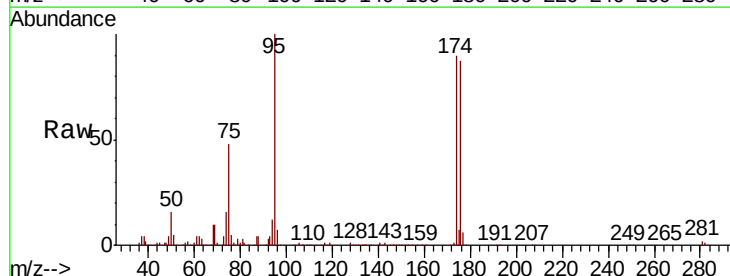
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



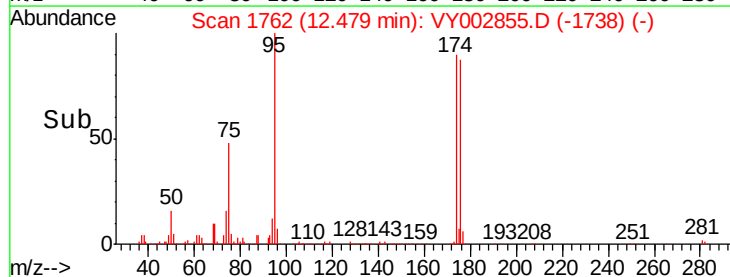
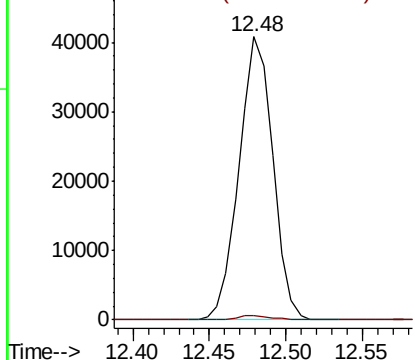
#76

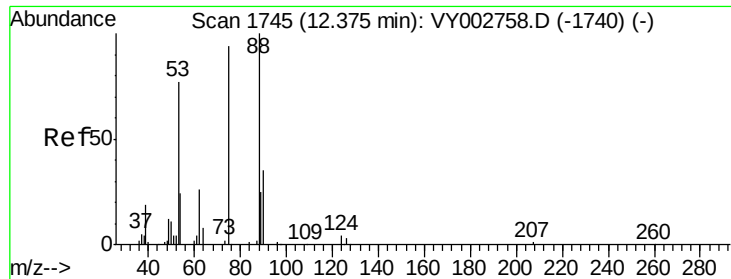
1,2,3-Trichloropropane
Concen: 54.845 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

Tgt Ion: 75 Resp: 62606
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 103.328 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002855.D

Acq: 05 Jun 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24245

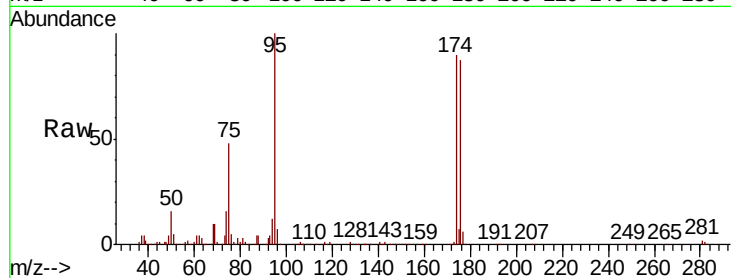
Tot Ion: 75 Resp: 62606

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.2 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

