

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003412.D
 Acq On : 03 Aug 2020 13:15
 Operator : SY/MD
 Sample : L3511-12
 Misc : 2.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Aug 04 01:31:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	388083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	618817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	583222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	288725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	201105	54.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.00%	
35) Dibromofluoromethane	7.72	113	193855	53.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.36%	
50) Toluene-d8	10.18	98	755850	52.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.48	95	250279	51.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.64%	

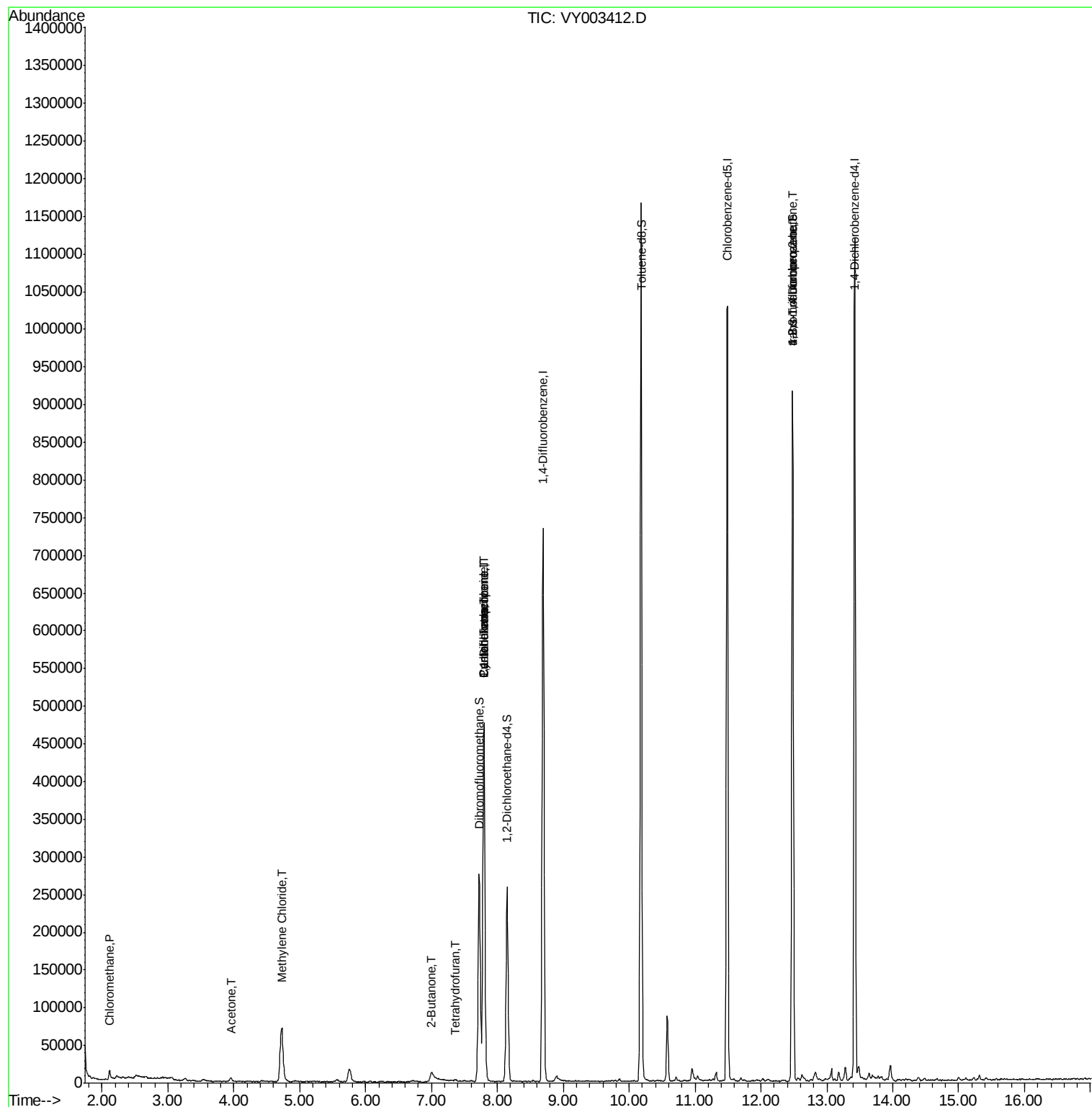
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	9874	2.269	ug/l	91
11) Tert butyl alcohol	4.96	59	1311	Below Cal	#	73
16) Acetone	3.96	43	8029	8.807	ug/l #	87
20) Methylene Chloride	4.72	84	55417	3.883	ug/l	91
25) 2-Butanone	7.00	43	1754	1.262	ug/l #	75
29) Tetrahydrofuran	7.36	42	1170	1.291	ug/l #	85
31) Cyclohexane	7.80	56	7520	1.150	ug/l #	10
36) 1,1-Dichloropropene	7.80	75	26524	4.529	ug/l #	51
38) Carbon Tetrachloride	7.80	117	36499	6.057	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	131192	50.580	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	131192	95.659	ug/l #	15

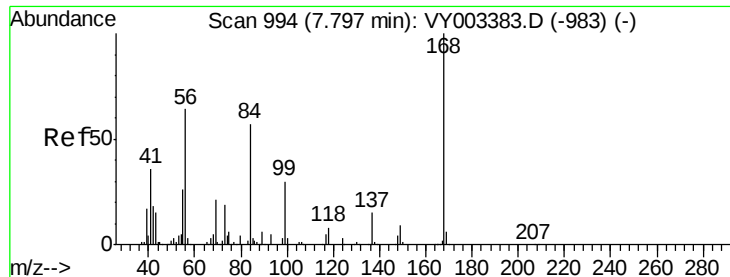
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
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MSVOA_Y
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TP-3

Quant Time: Aug 04 01:31:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
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: VY003412.D

Acq: 03 Aug 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

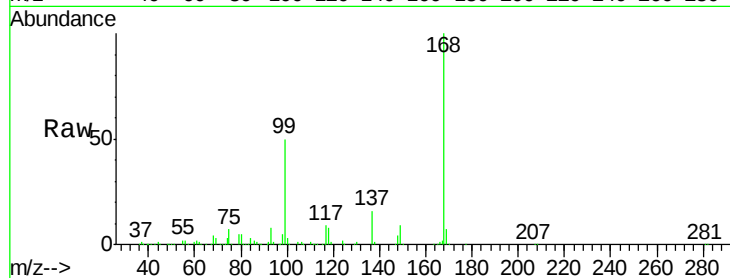
TP-3

Tot Ion:168 Resp: 388083

Ion Ratio Lower Upper

168 100

99 49.7 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

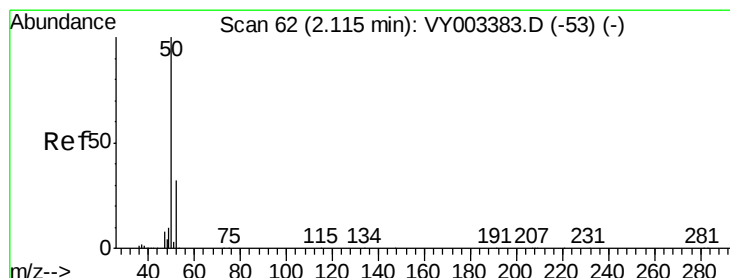
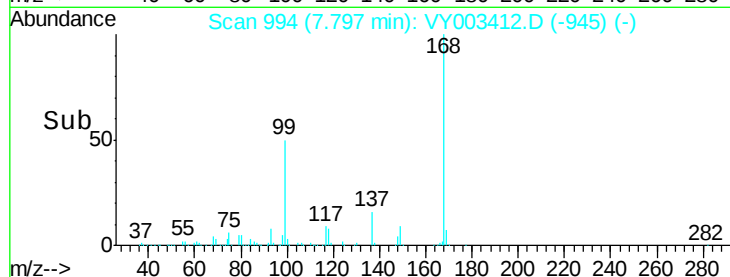
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.269 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003412.D

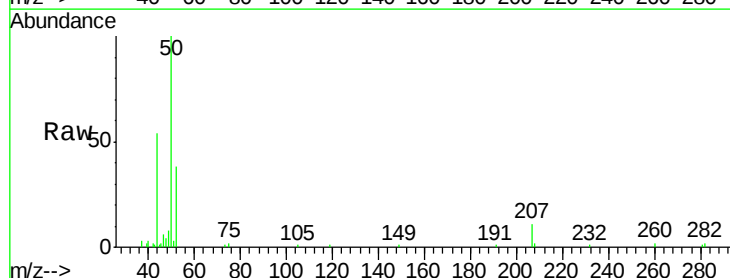
Acq: 03 Aug 2020 13:15

Tgt Ion: 50 Resp: 9874

Ion Ratio Lower Upper

50 100

52 37.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.11

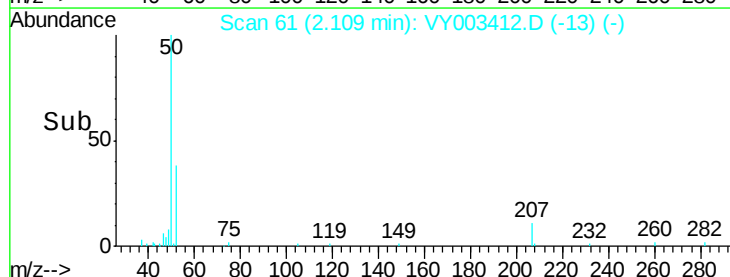
6000

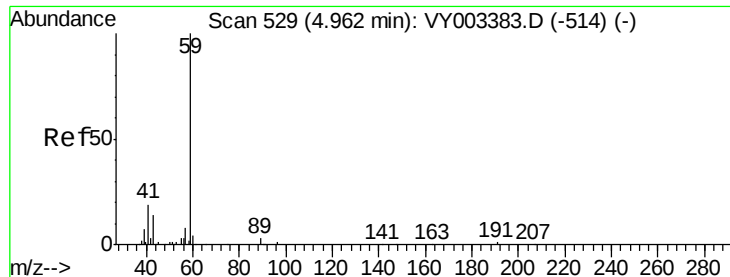
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2000

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Time-->

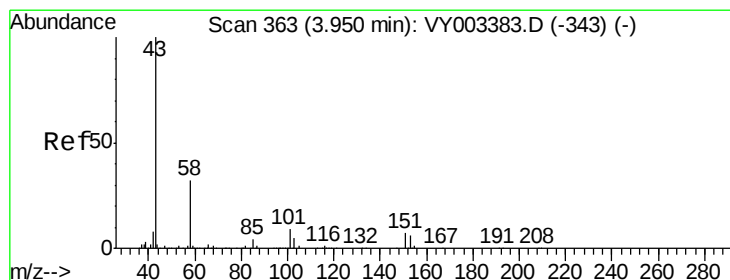
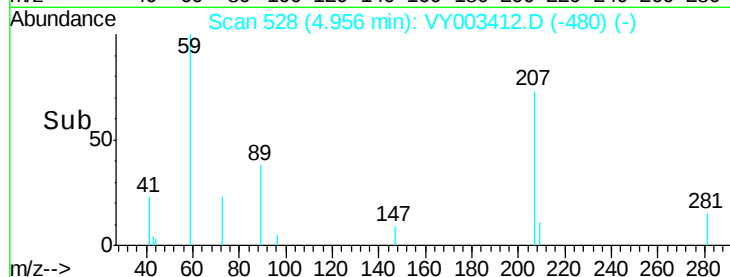
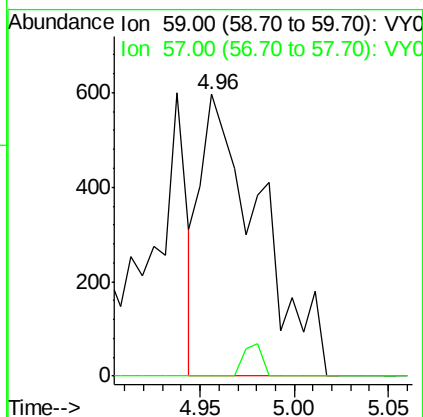
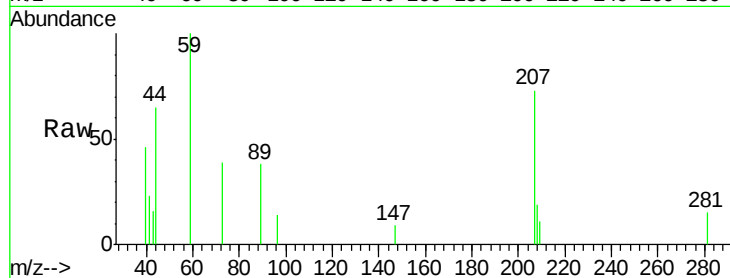




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

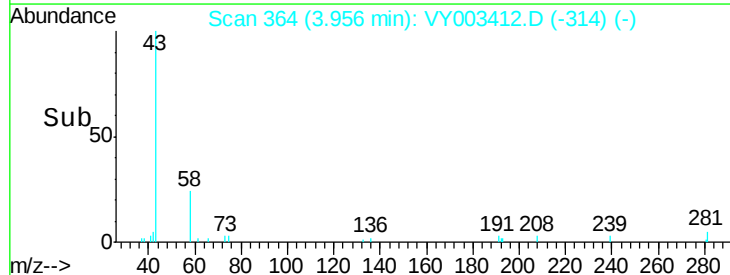
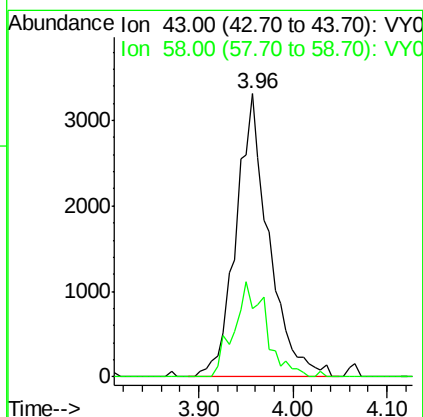
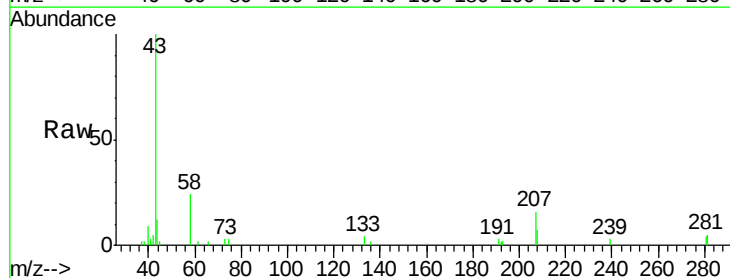
Instrument :
MSVOA_Y
ClientSampled :
TP-3

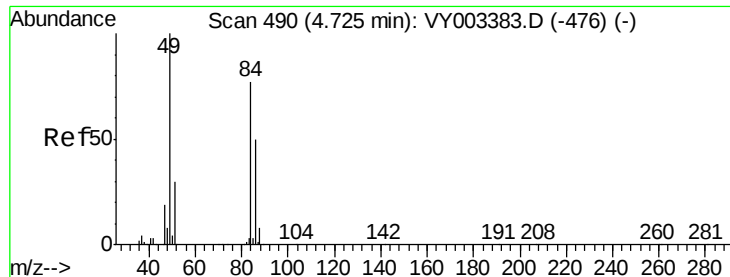
Tot Ion: 59 Resp: 1311
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 8.807 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

Tgt Ion: 43 Resp: 8029
Ion Ratio Lower Upper
43 100
58 24.3 25.4 38.2#

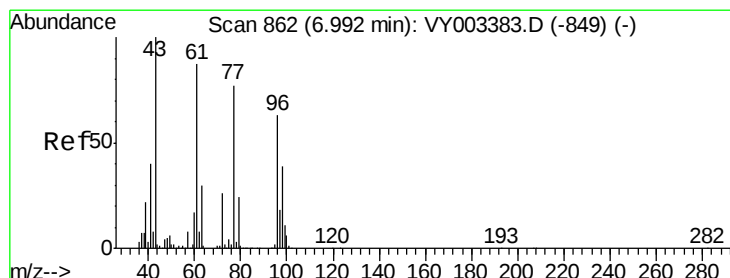
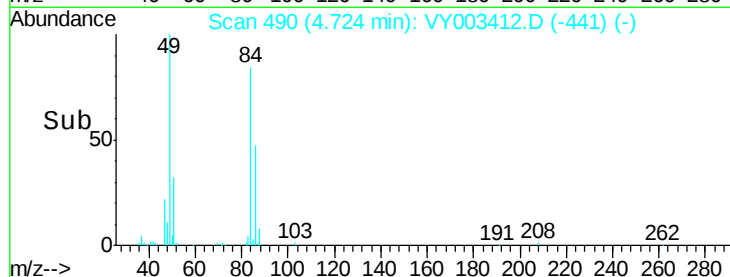
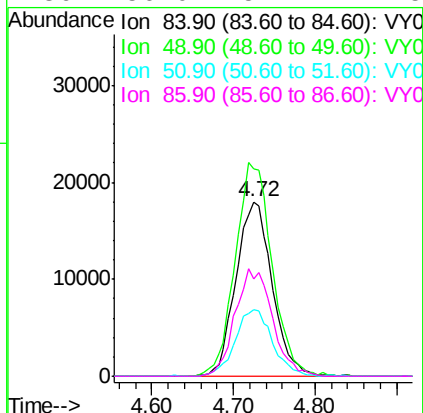
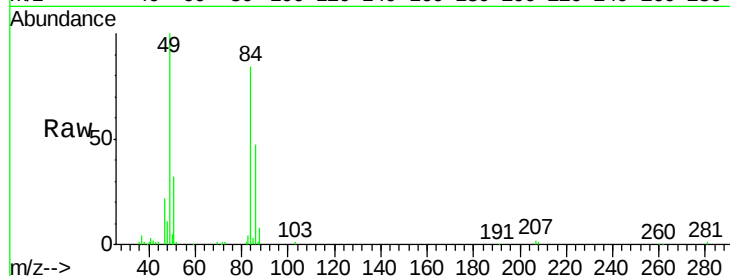




#20
Methvlene Chloride
Concen: 3.883 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

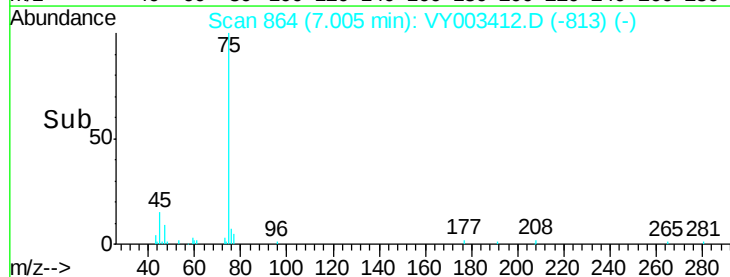
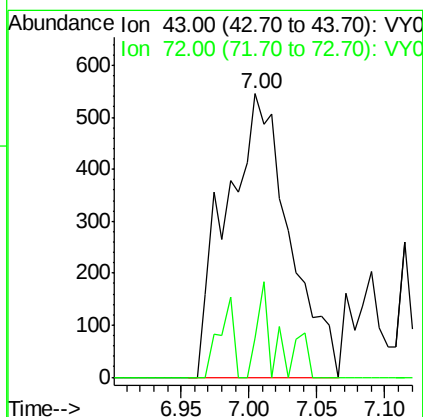
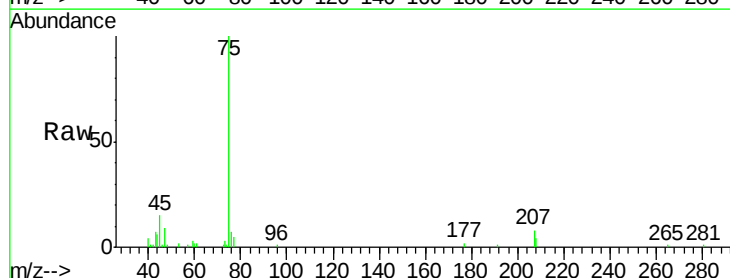
Instrument :
MSVOA_Y
ClientSampled :
TP-3

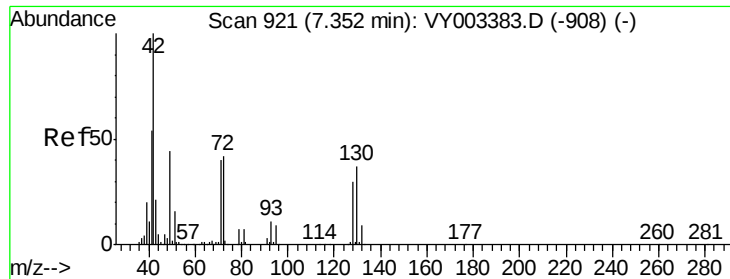
Tot Ion:	84	Resp:	55417
Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.2	156.4
51	38.3	31.5	47.3
86	56.0	51.7	77.5



#25
2-Butanone
Concen: 1.262 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

Tgt Ion:	43	Resp:	1754
Ion	Ratio	Lower	Upper
43	100		
72	13.8	21.1	31.7#

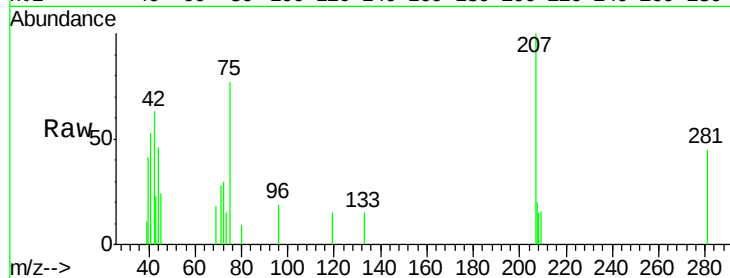




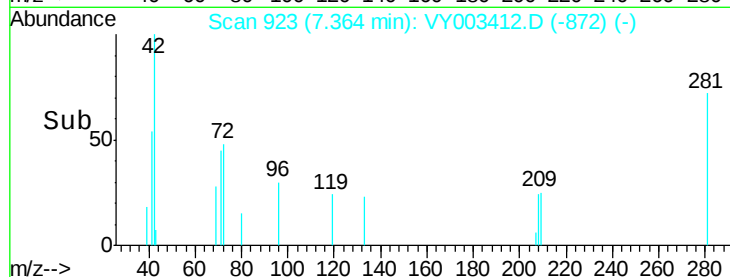
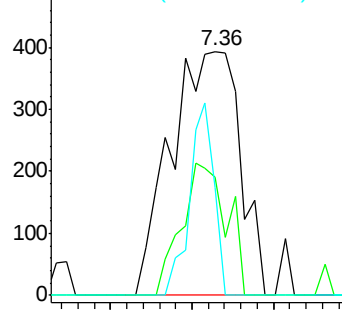
#29
Tetrahydrofuran
Concen: 1.291 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

Instrument :
MSVOA_Y
ClientSampled :
TP-3

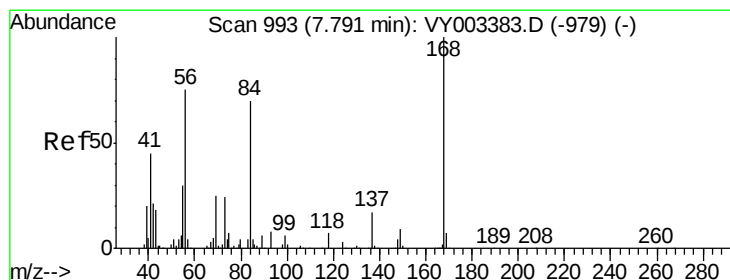
Tot Ion: 42 Resp: 1170
Ion Ratio Lower Upper
42 100
72 35.3 33.5 50.3
71 27.7 32.1 48.1#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

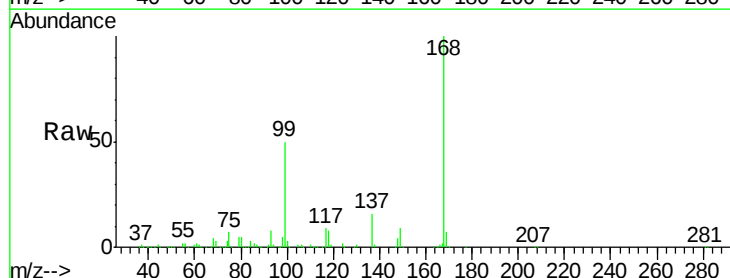


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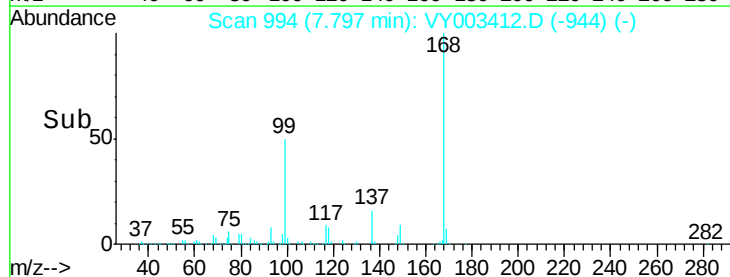
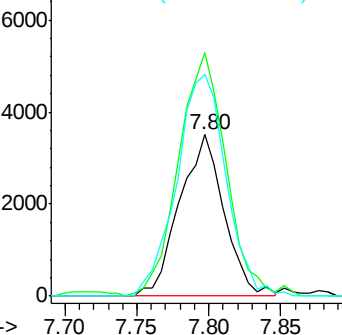


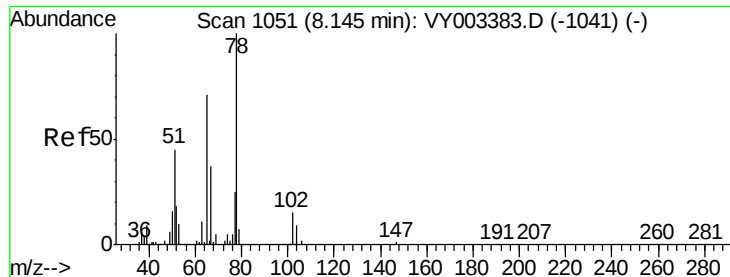
#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

Tgt Ion: 56 Resp: 7520
Ion Ratio Lower Upper
56 100
69 150.9 26.1 39.1#
84 137.8 73.9 110.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

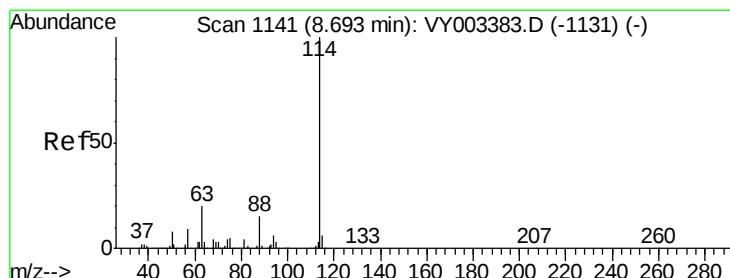
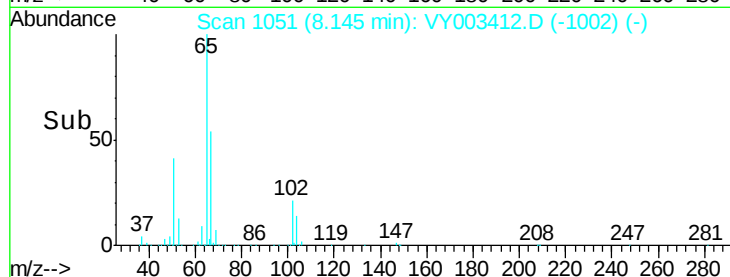
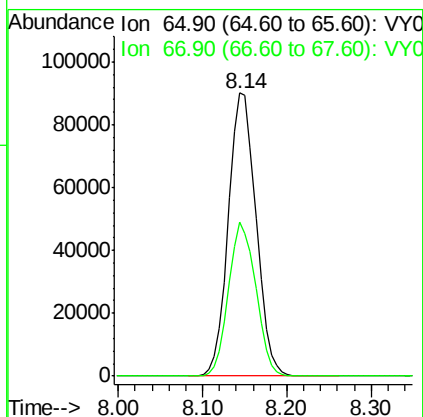
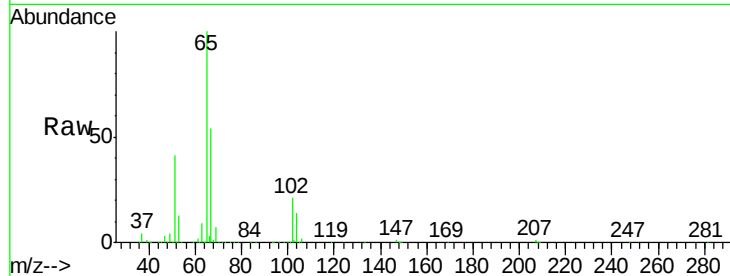




#33
 1,2-Dichloroethane-d4
 Concen: 54.501 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003412.D
 Acq: 03 Aug 2020 13:15

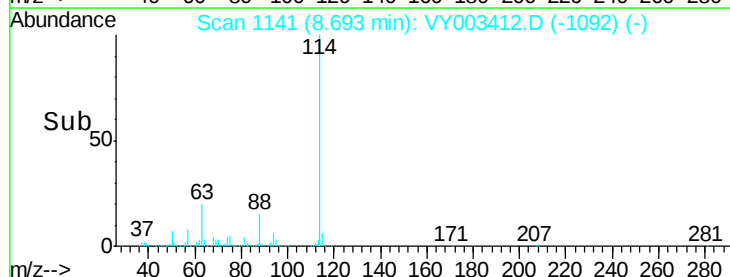
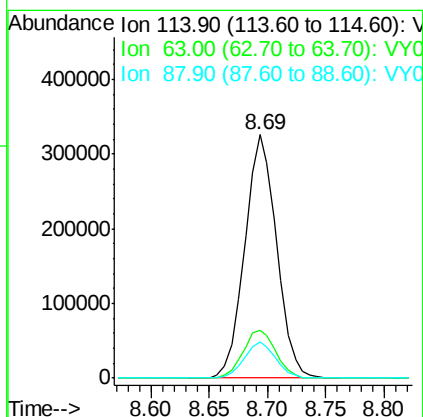
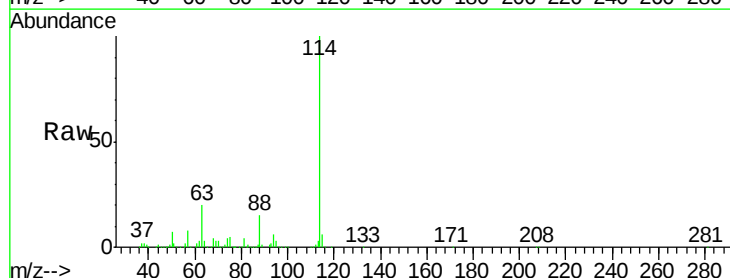
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-3

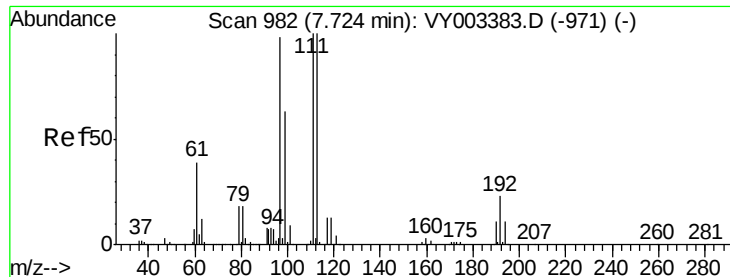
Tot Ion: 65 Resp: 201105
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003412.D
 Acq: 03 Aug 2020 13:15

Tgt Ion: 114 Resp: 618817
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.181 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003412.D

Acq: 03 Aug 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

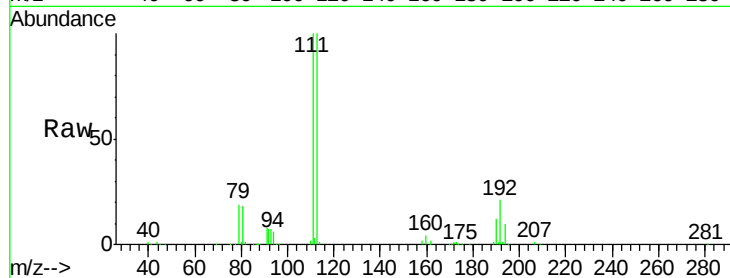
Tot Ion:113 Resp: 193855

Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

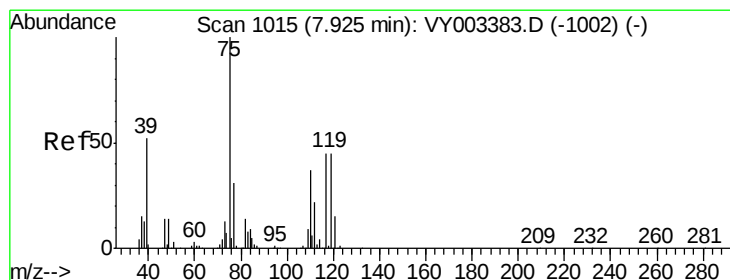
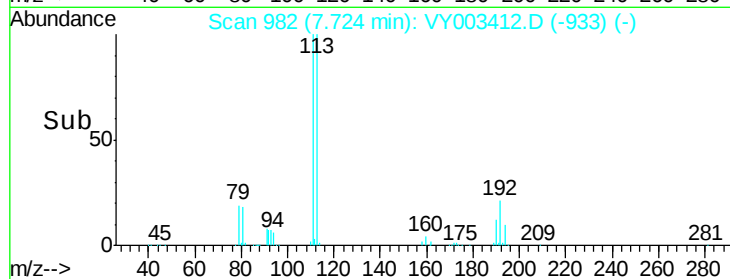
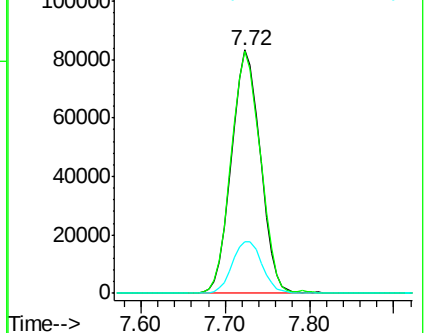
192 22.0 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003412.D

Acq: 03 Aug 2020 13:15

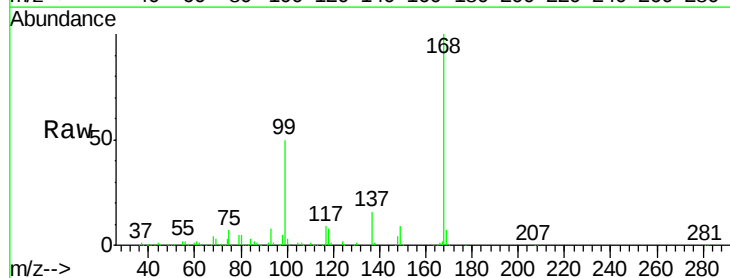
Tgt Ion: 75 Resp: 26524

Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.5#

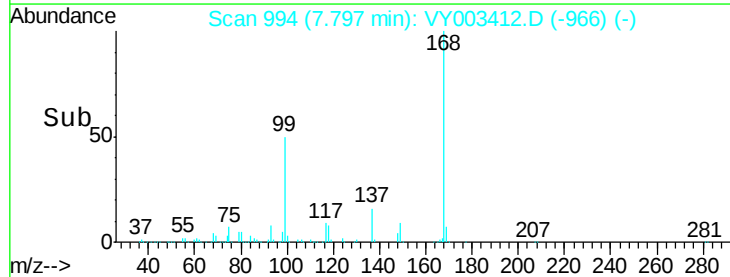
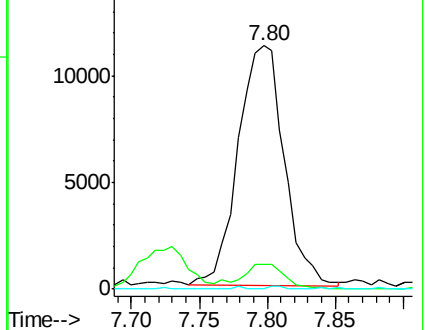
77 0.4 24.6 36.8#

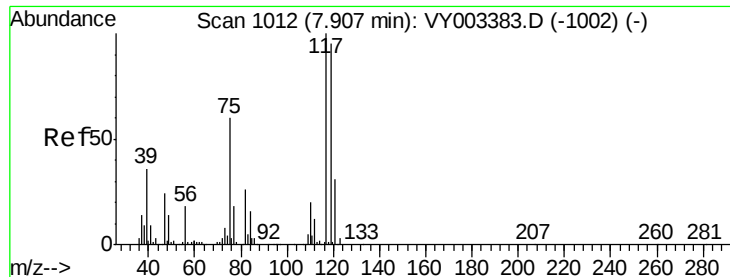


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.057 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003412.D

Acq: 03 Aug 2020 13:15

Instrument :

MSVOA_Y

ClientSampled :

TP-3

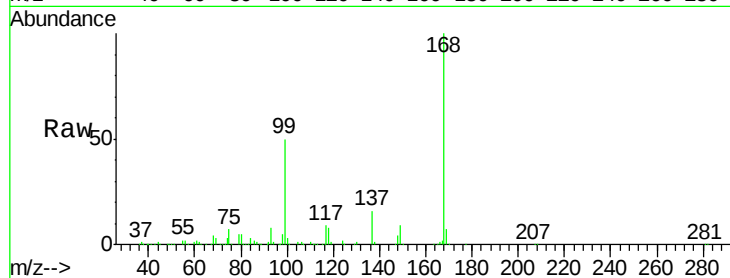
Tot Ion:117 Resp: 36499

Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

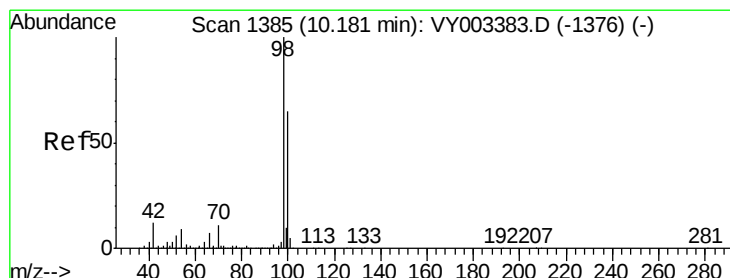
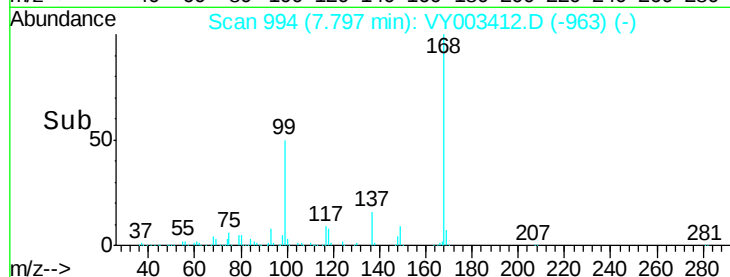
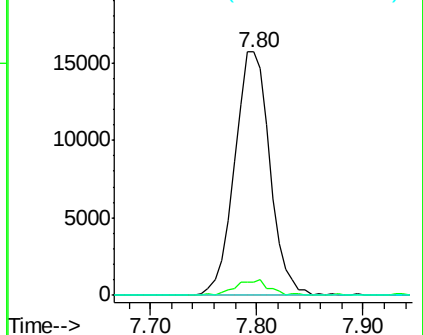
121 0.0 24.5 36.7#



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: 52.953 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003412.D

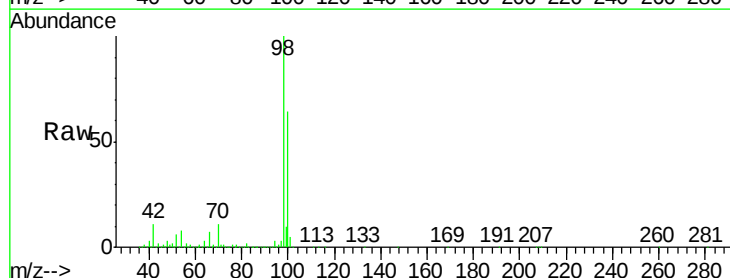
Acq: 03 Aug 2020 13:15

Tgt Ion: 98 Resp: 755850

Ion Ratio Lower Upper

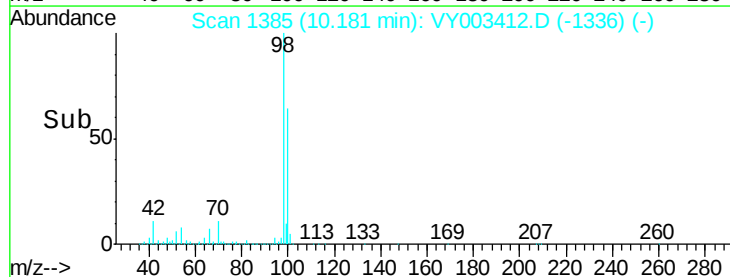
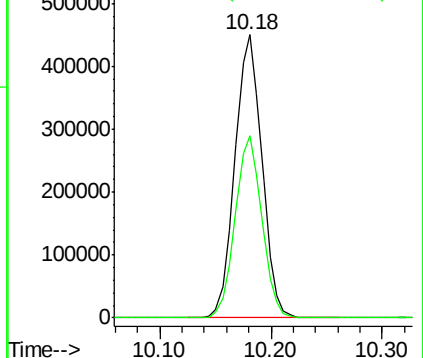
98 100

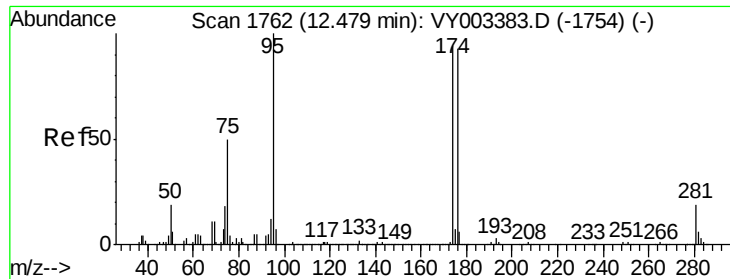
100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

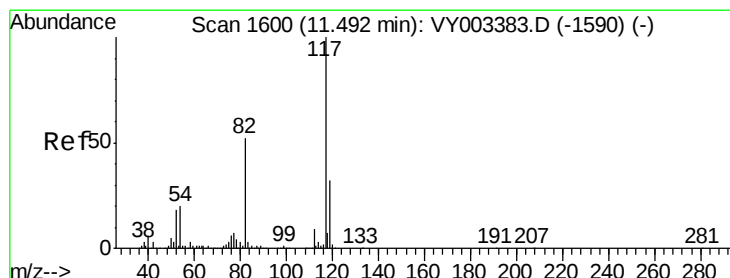
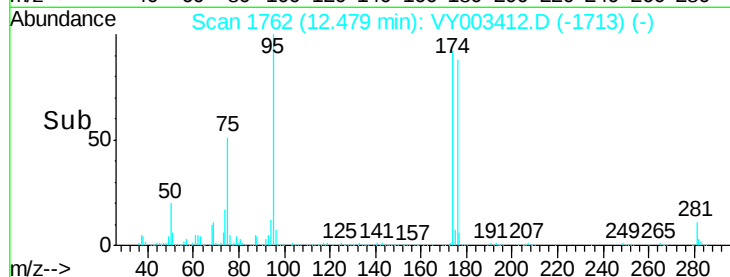
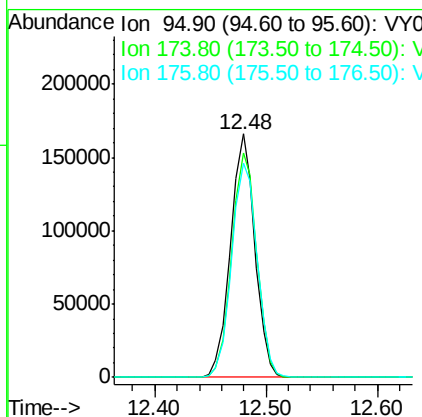
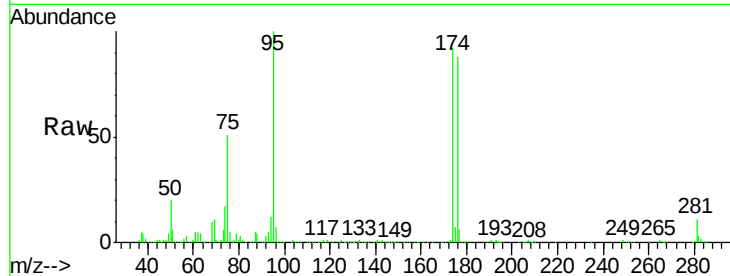




#62
4-Bromofluorobenzene
Concen: 51.317 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

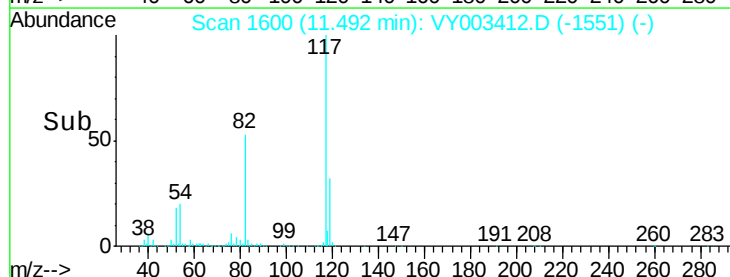
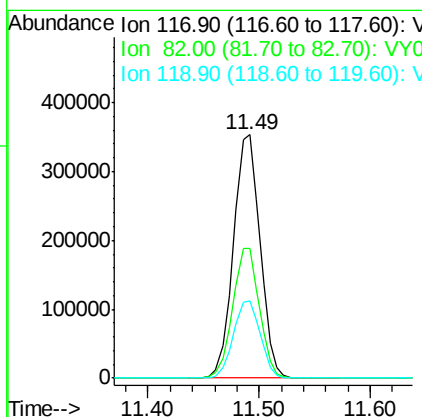
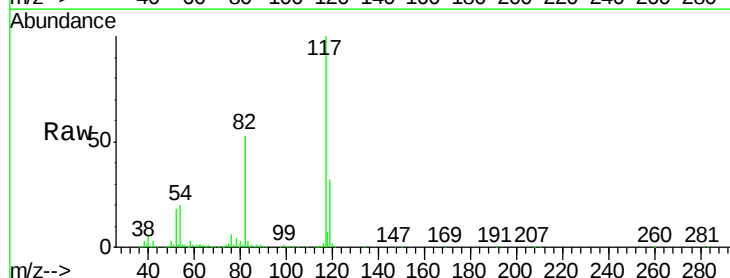
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

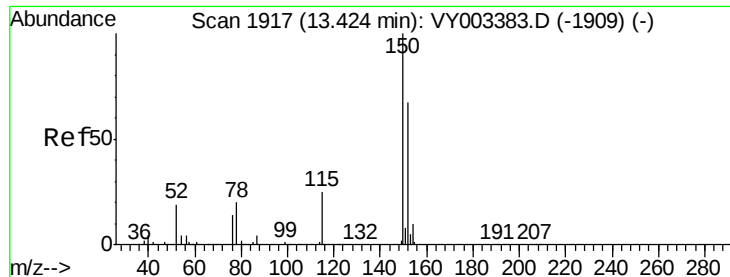
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	190.0
176	92.5	0.0	184.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.9	62.9
119	31.8	25.4	38.0



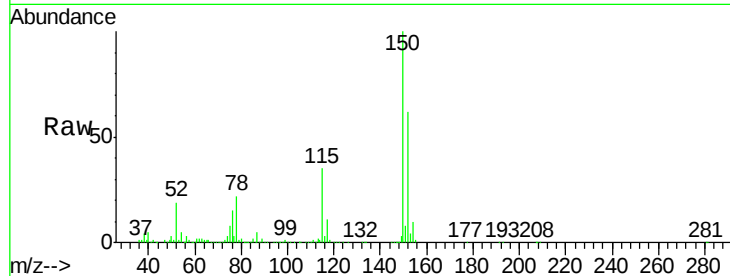


#72

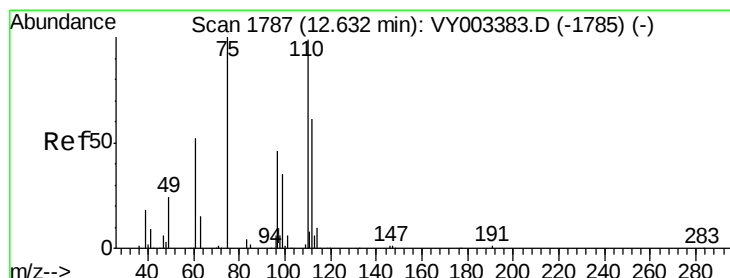
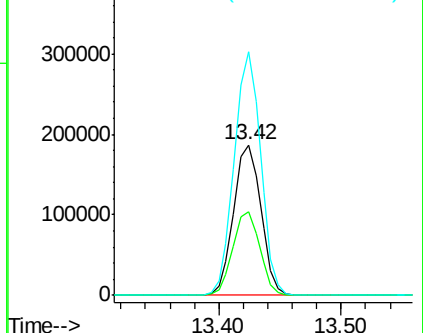
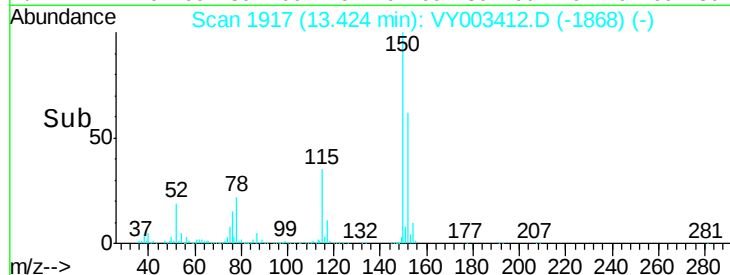
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

Instrument :
MSVOA_Y
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.2	81.5
150	156.9	0.0	346.8



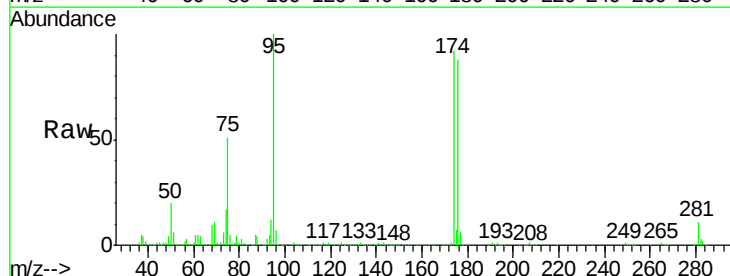
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



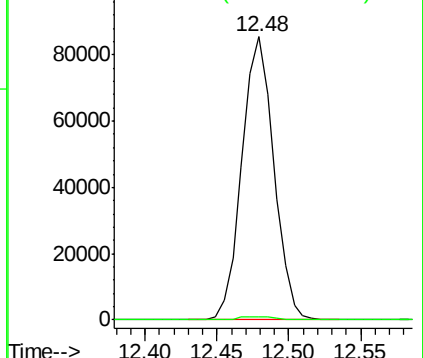
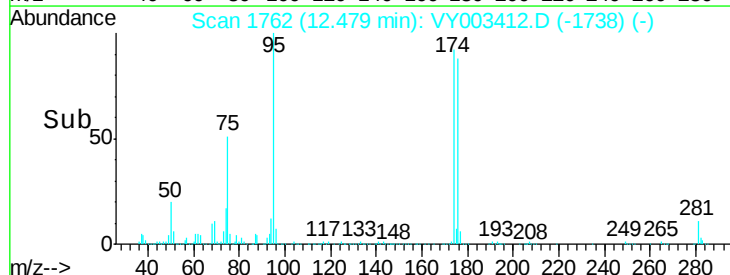
#76

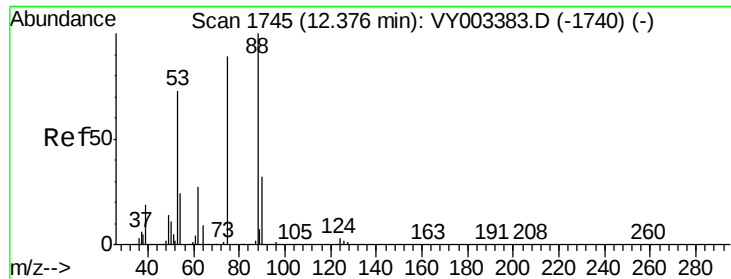
1,2,3-Trichloropropane
Concen: 50.580 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003412.D
Acq: 03 Aug 2020 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 95.659 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003412.D

Acq: 03 Aug 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

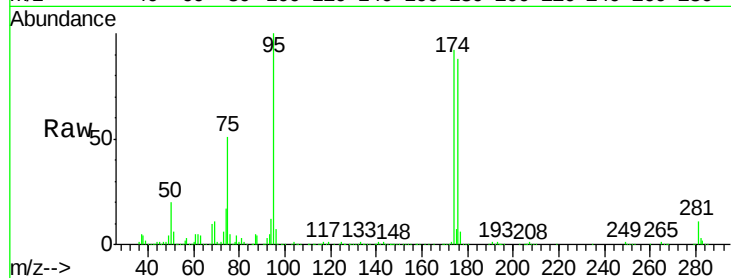
Tot Ion: 75 Resp: 131192

Ion Ratio Lower Upper

75 100

53 0.4 69.5 104.3#

89 0.0 33.8 50.6#



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

