

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003344.D
 Acq On : 24 Jul 2020 20:02
 Operator : SY/MD
 Sample : L3436-12
 Misc : 6.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12

Quant Time: Jul 25 01:42:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	430493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	663084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	568756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207401	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	208280	57.32	ug/l	0.00
Spiked Amount			Recovery	=	114.64%	
35) Dibromofluoromethane	7.72	113	208473	54.63	ug/l	0.00
Spiked Amount			Recovery	=	109.26%	
50) Toluene-d8	10.18	98	788812	55.60	ug/l	0.00
Spiked Amount			Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.48	95	218909	42.71	ug/l	0.00
Spiked Amount			Recovery	=	85.42%	

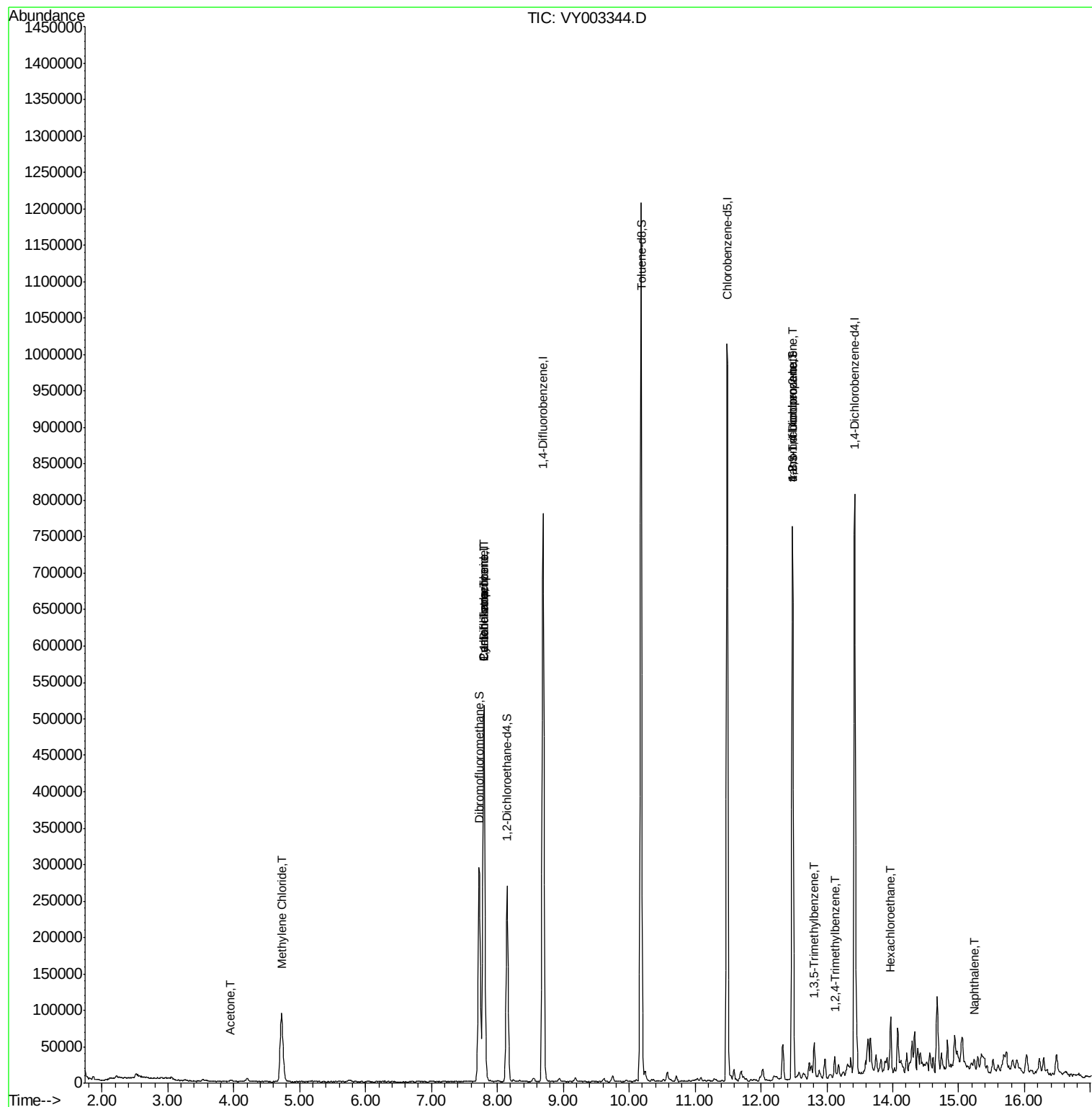
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.95	43	3575	4.405	ug/l	97
20) Methylene Chloride	4.72	84	71740	13.563	ug/l	97
31) Cyclohexane	7.79	56	8233	1.246	ug/l #	2
36) 1,1-Dichloropropene	7.80	75	28544	4.750	ug/l #	49
38) Carbon Tetrachloride	7.80	117	39148	6.310	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	112522	61.291	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.81	105	19045	1.729	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.48	75	112522	119.285	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.11	105	16236	1.465	ug/l	97
90) Hexachloroethane	13.97	117	3446	1.517	ug/l #	4
95) Naphthalene	15.23	128	9632	1.465	ug/l #	90

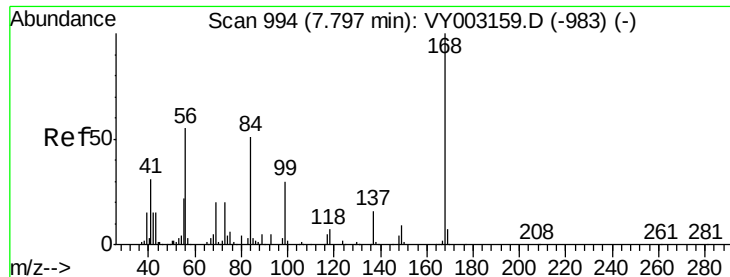
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
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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: VY003344.D

Acq: 24 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampled :

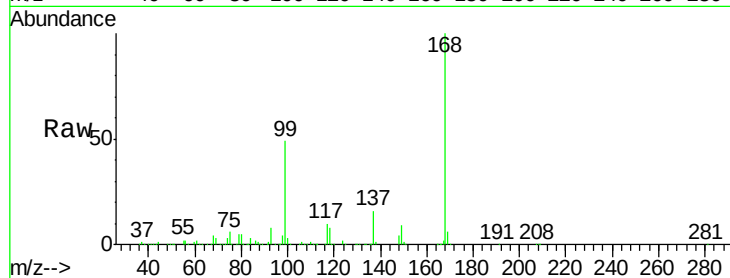
12

Tot Ion:168 Resp: 430493

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003344.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003344.D (-945) (-)

7.80

200000

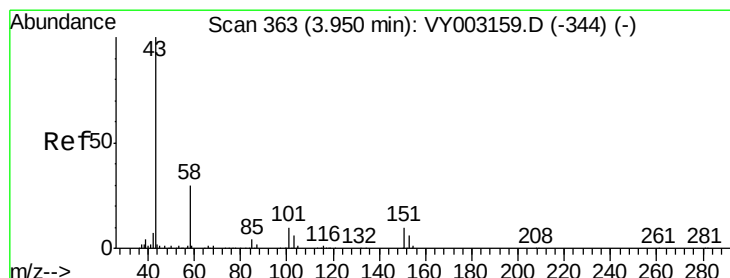
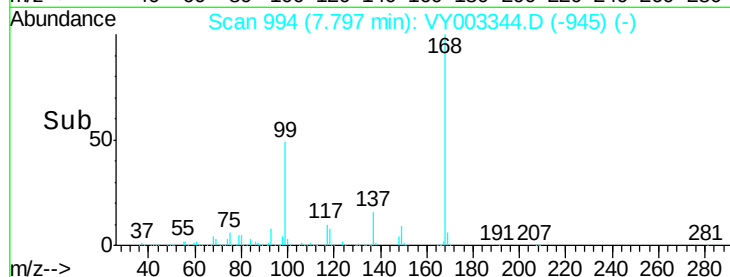
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.405 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003344.D

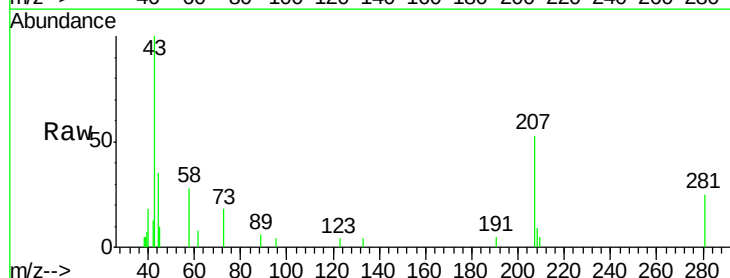
Acq: 24 Jul 2020 20:02

Tgt Ion: 43 Resp: 3575

Ion Ratio Lower Upper

43 100

58 28.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003344.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003344.D (-314) (-)

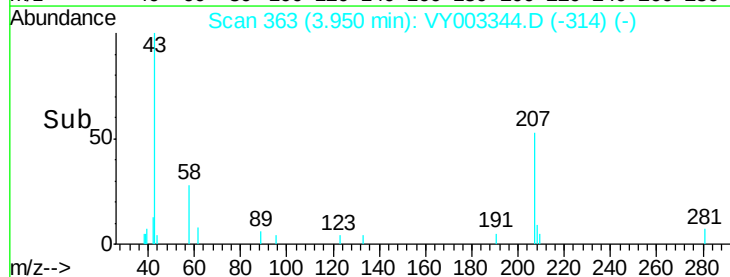
3.95

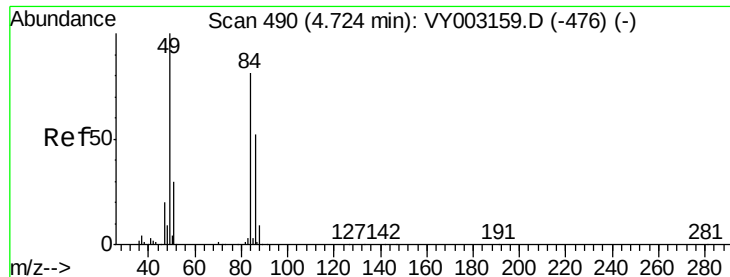
1000

500

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Time-->

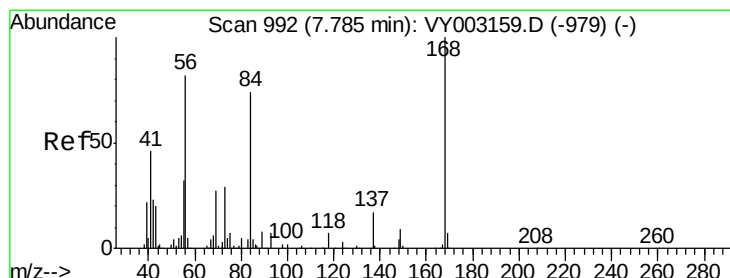
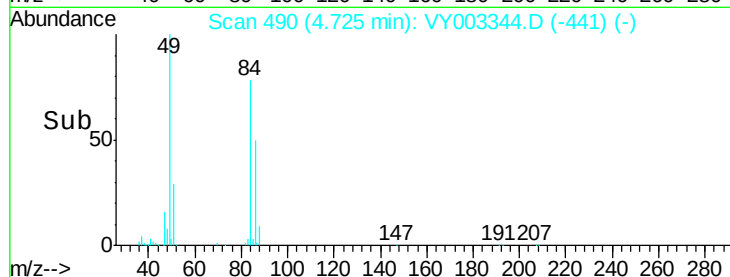
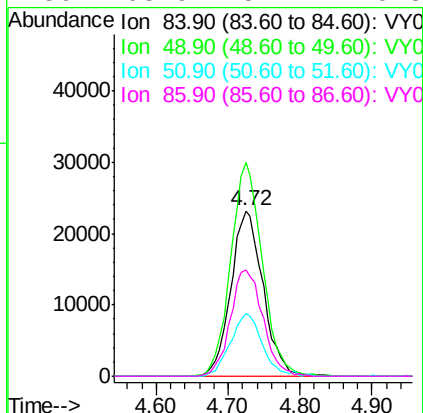
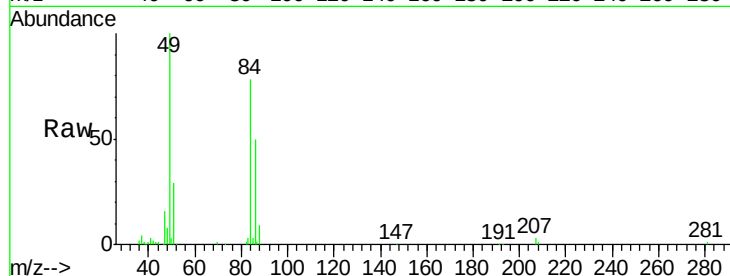




#20
Methylene Chloride
Concen: 13.563 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003344.D
Acq: 24 Jul 2020 20:02

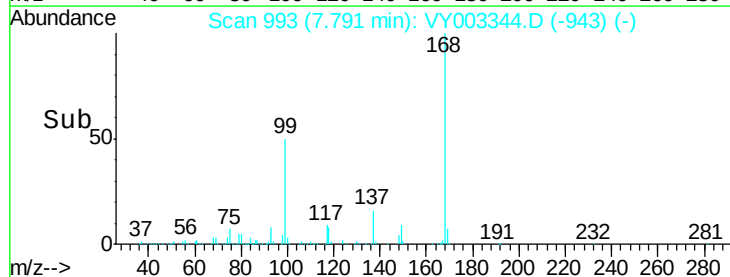
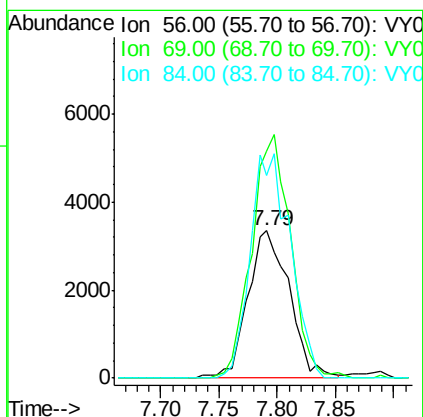
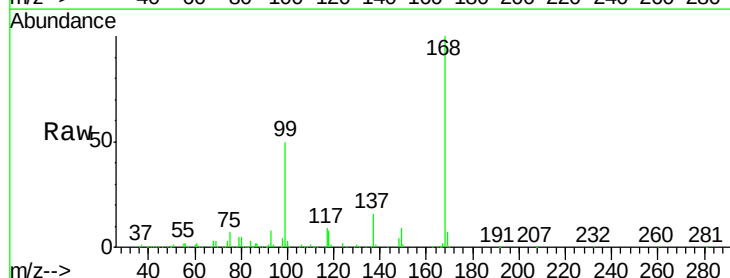
Instrument :
MSVOA_Y
ClientSampleId :
12

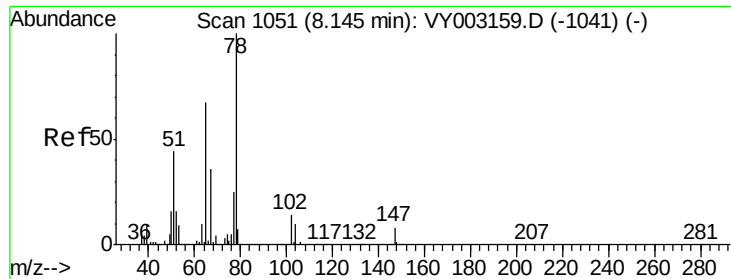
Tot Ion:	84	Resp:	71740
Ion	Ratio	Lower	Upper
84	100		
49	128.9	98.2	147.4
51	37.9	29.8	44.6
86	63.9	51.2	76.8



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003344.D
Acq: 24 Jul 2020 20:02

Tgt Ion:	56	Resp:	8233
Ion	Ratio	Lower	Upper
56	100		
69	154.2	26.7	40.1#
84	142.9	72.3	108.5#

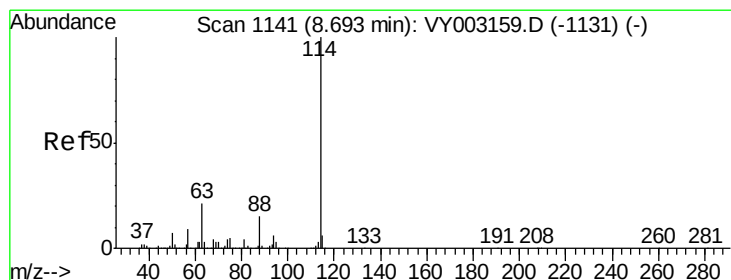
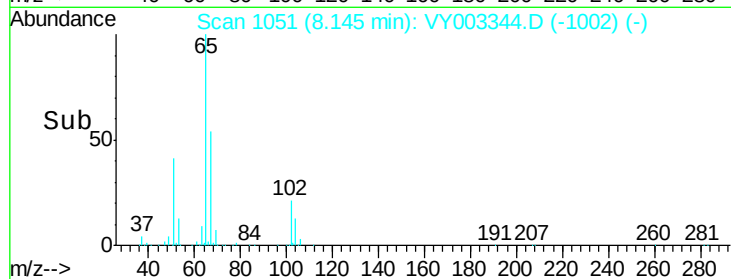
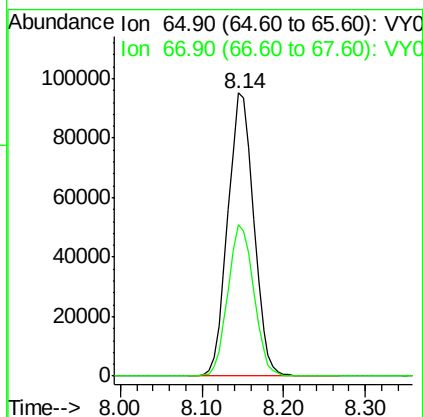
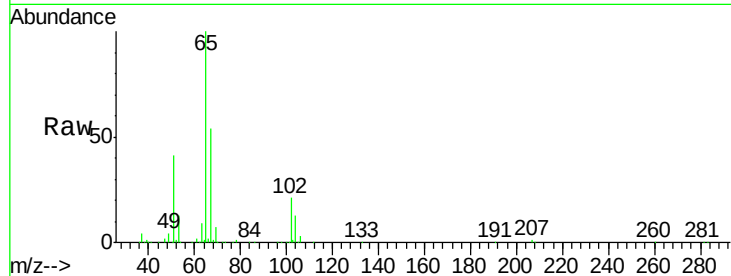




#33
 1,2-Dichloroethane-d4
 Concen: 57.322 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

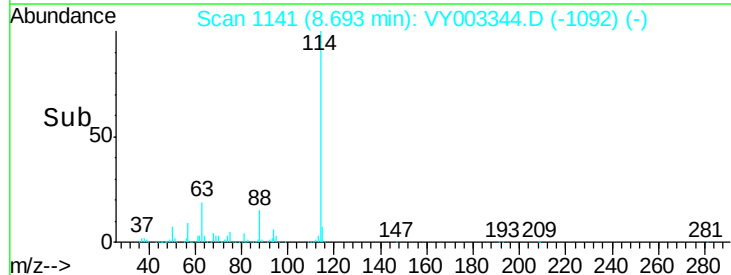
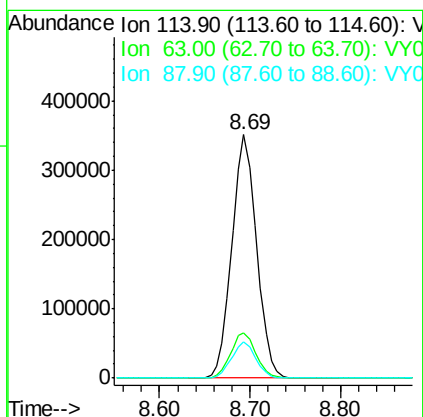
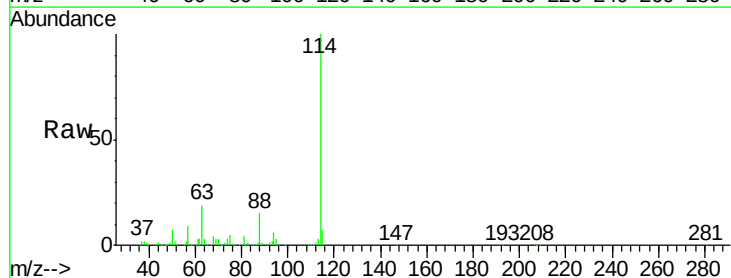
Instrument :
 MSVOA_Y
 ClientSampled :
 12

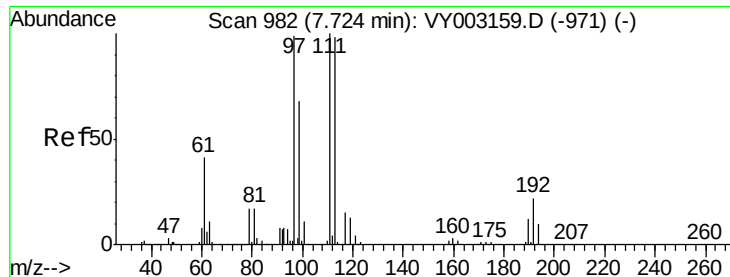
Tot Ion: 65 Resp: 208280
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

Tgt Ion: 114 Resp: 663084
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.2
 88 14.9 0.0 30.2

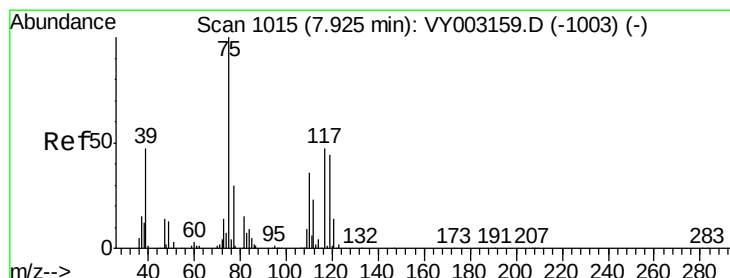
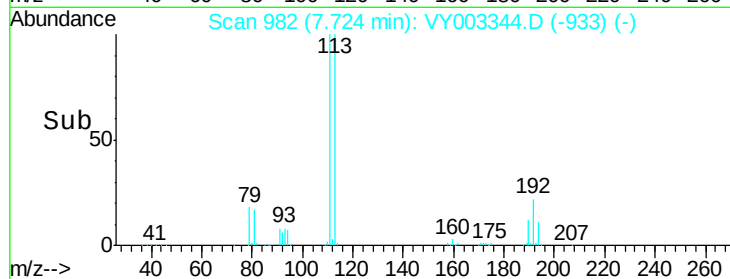
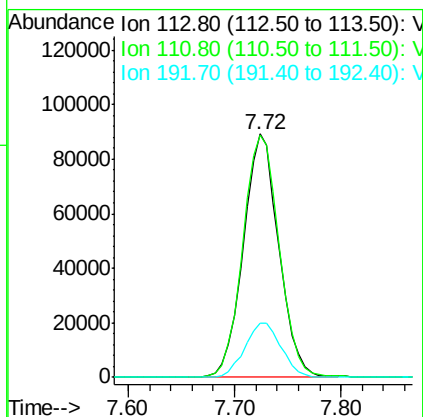
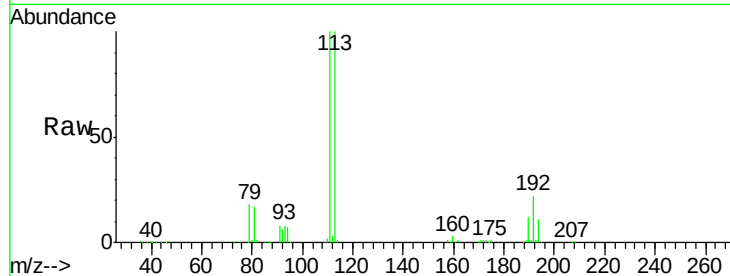




#35
 Dibromofluoromethane
 Concen: 54.633 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

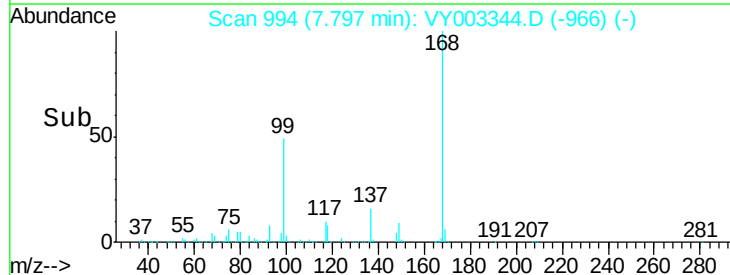
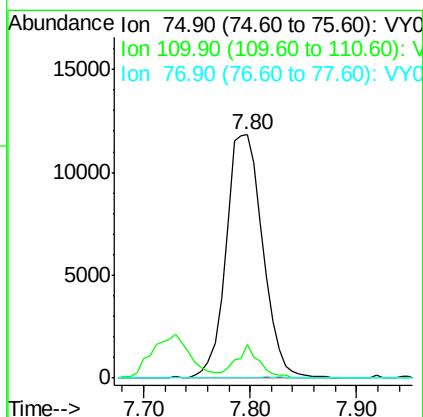
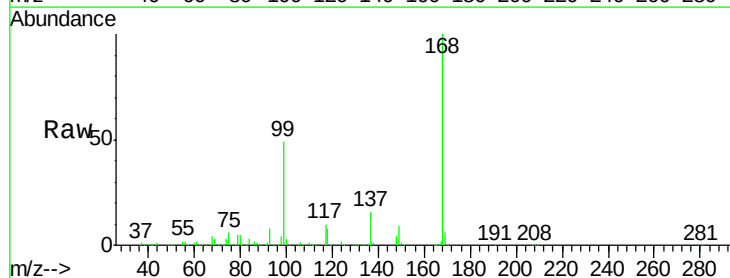
Instrument :
 MSVOA_Y
 ClientSampleId :
 12

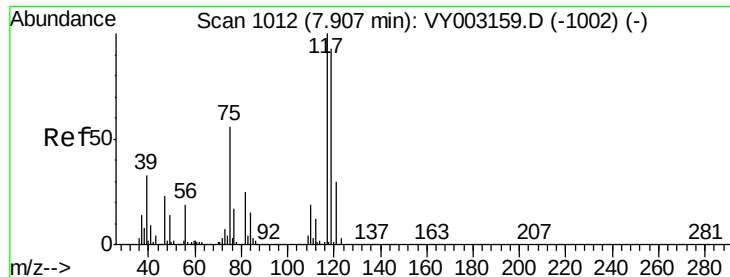
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	23.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.750 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.310 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003344.D

Acq: 24 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

12

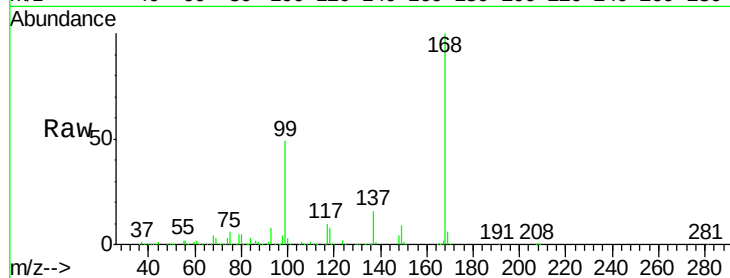
Tot Ion:117 Resp: 39148

Ion Ratio Lower Upper

117 100

119 4.5 74.5 111.7#

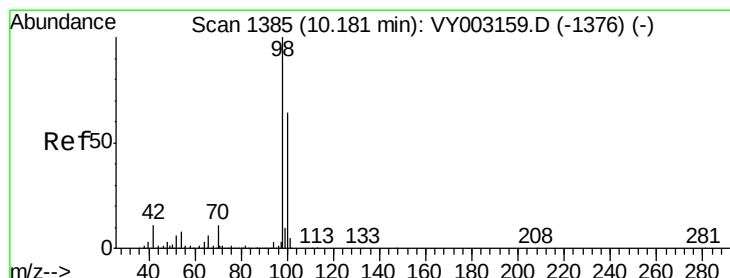
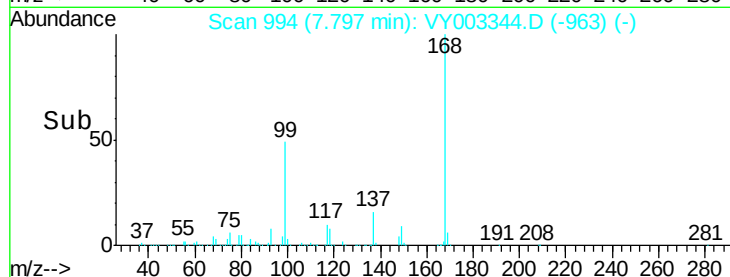
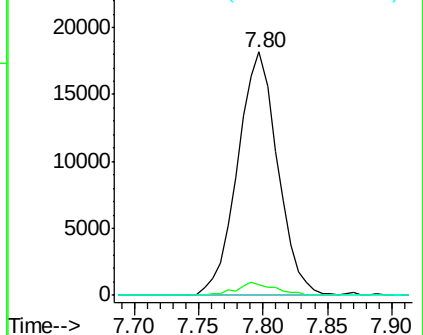
121 0.0 24.2 36.2#



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: 55.602 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003344.D

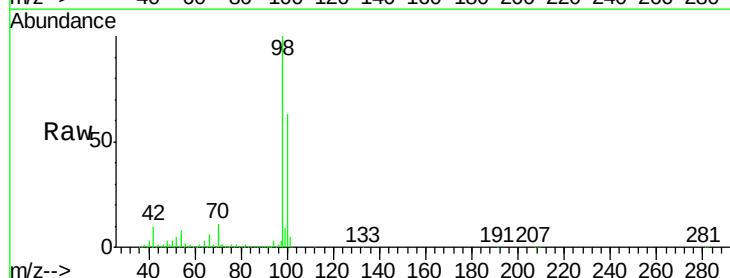
Acq: 24 Jul 2020 20:02

Tgt Ion: 98 Resp: 788812

Ion Ratio Lower Upper

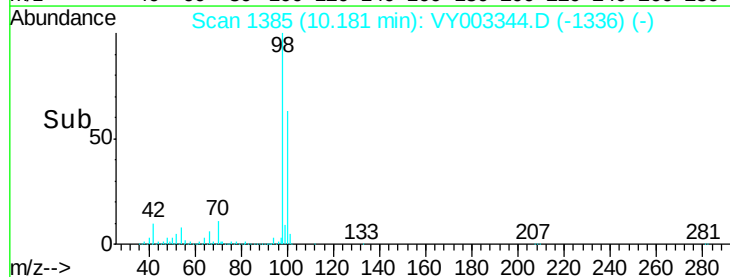
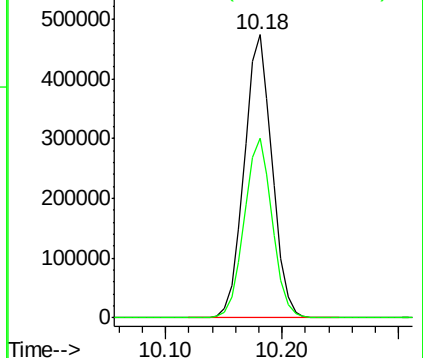
98 100

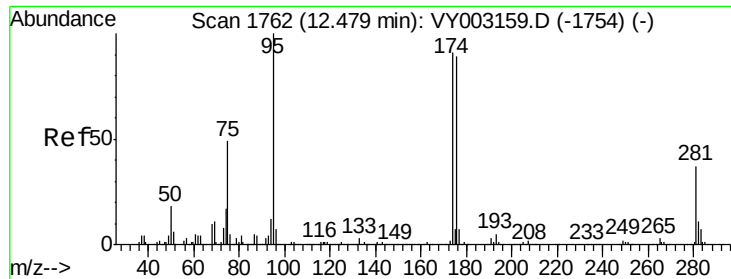
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

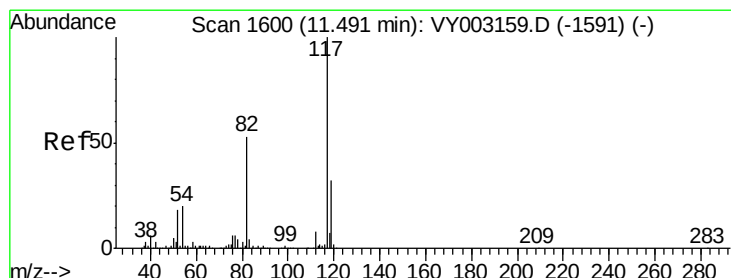
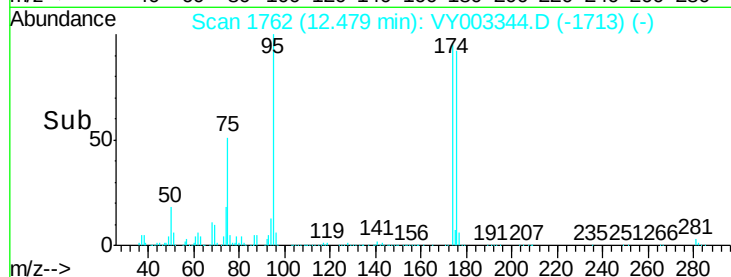
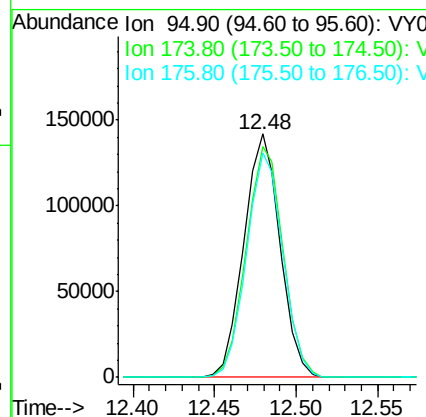
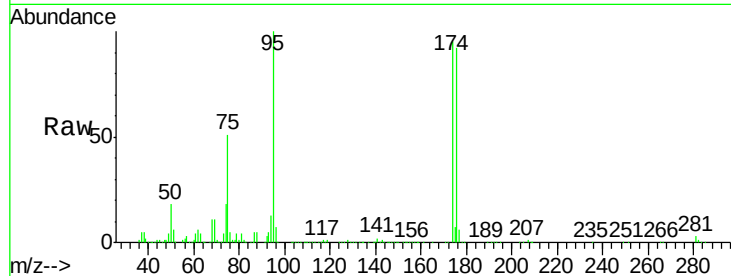




#62
4-Bromofluorobenzene
Concen: 42.713 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003344.D
Acq: 24 Jul 2020 20:02

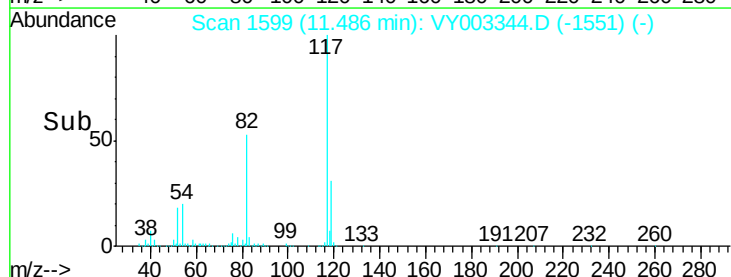
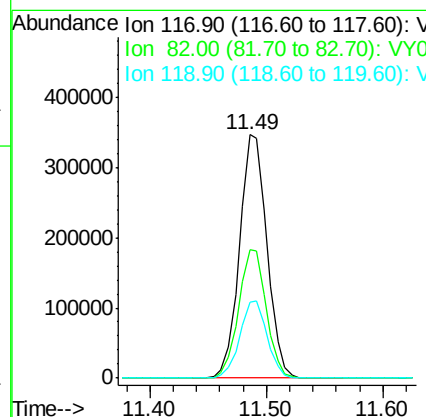
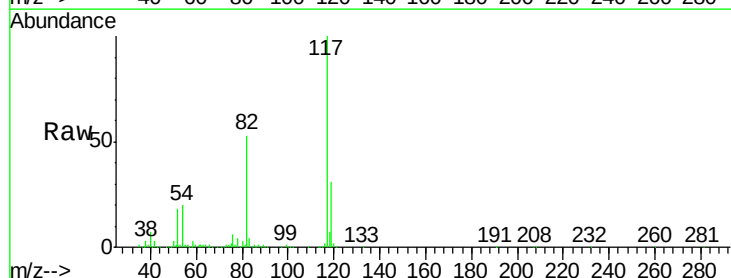
Instrument :
MSVOA_Y
ClientSampleId :
12

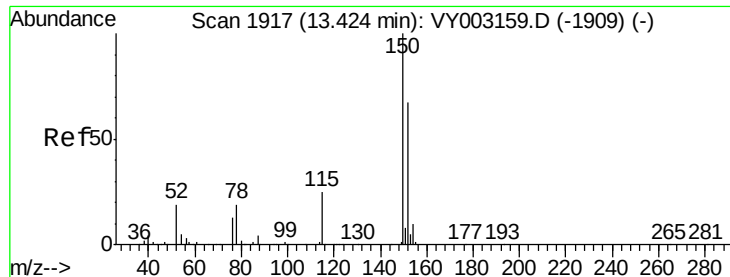
Tot Ion	95	Resp	218909
Ion Ratio	Lower	Upper	
95	100		
174	96.7	0.0	190.6
176	92.6	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003344.D
Acq: 24 Jul 2020 20:02

Tgt Ion	117	Resp	568756
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.0	63.0
119	31.0	25.5	38.3



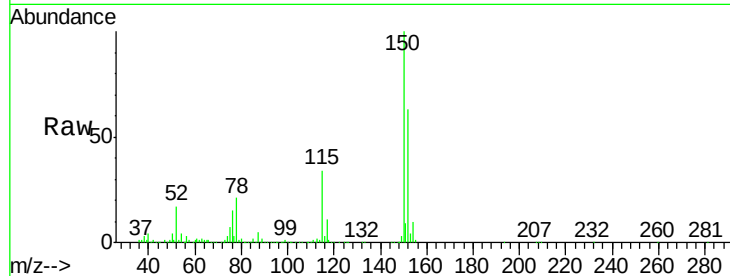


#72

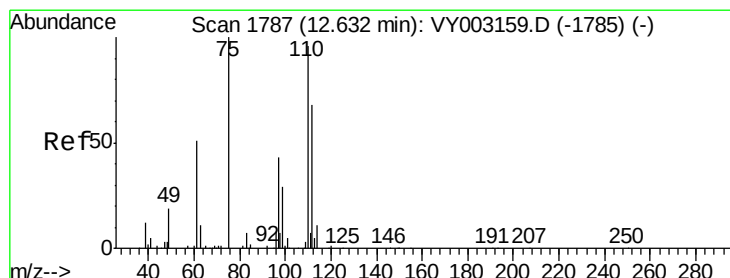
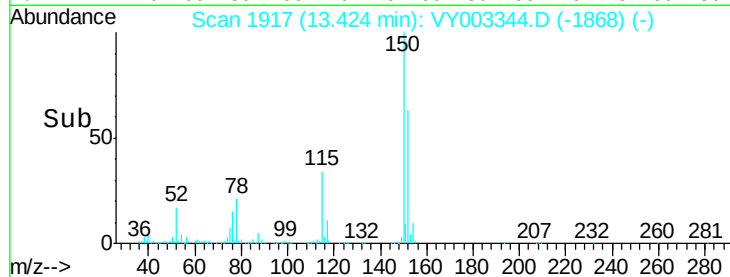
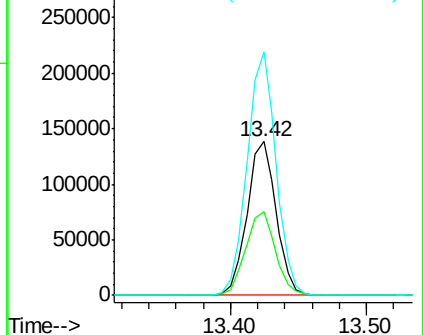
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003344.D
Acq: 24 Jul 2020 20:02

Instrument :
MSVOA_Y
ClientSampled :
12

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	26.9	80.7
150	157.5	0.0	338.0



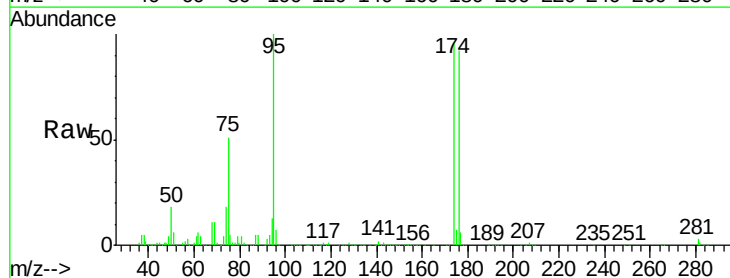
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



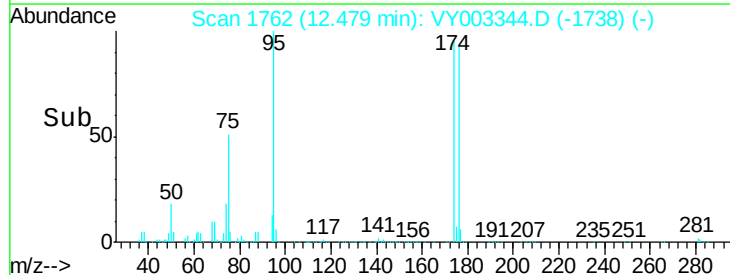
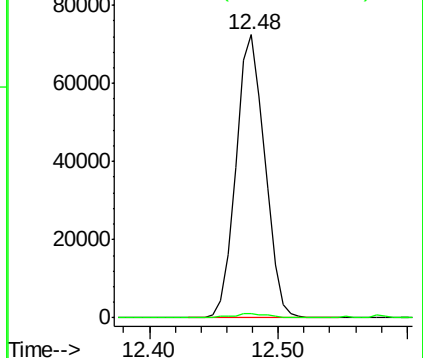
#76

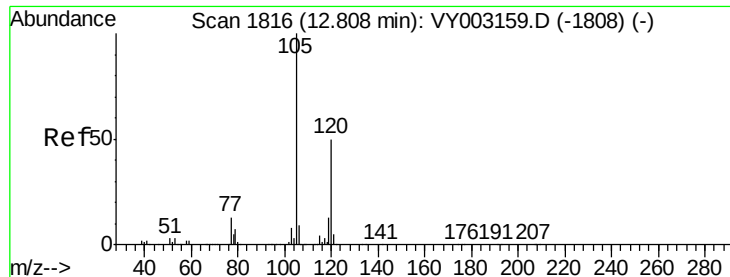
1,2,3-Trichloropropane
Concen: 61.291 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003344.D
Acq: 24 Jul 2020 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.1	0.0	0.0



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

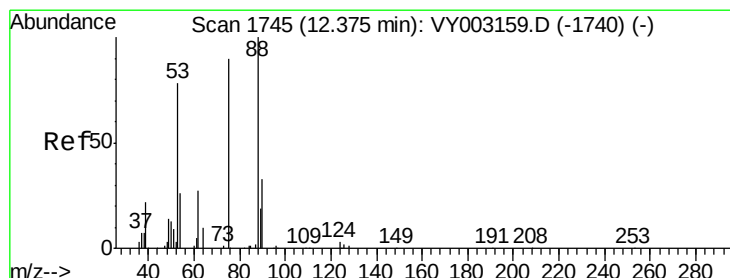
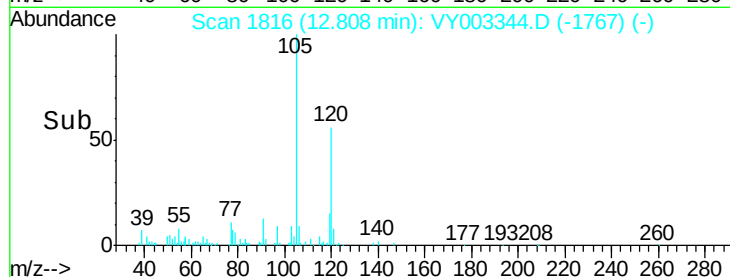
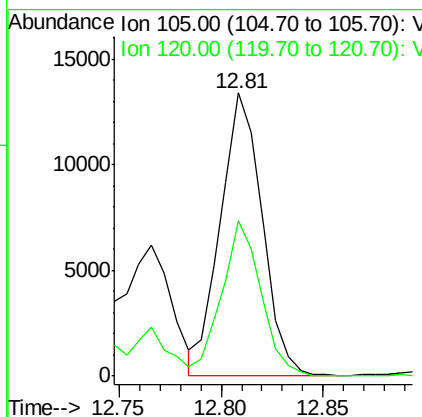
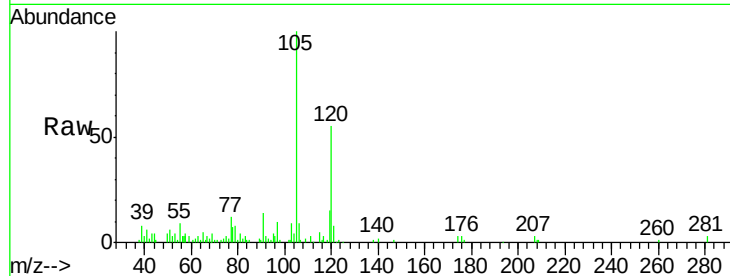




#80
 1,3,5-Trimethylbenzene
 Concen: 1.729 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

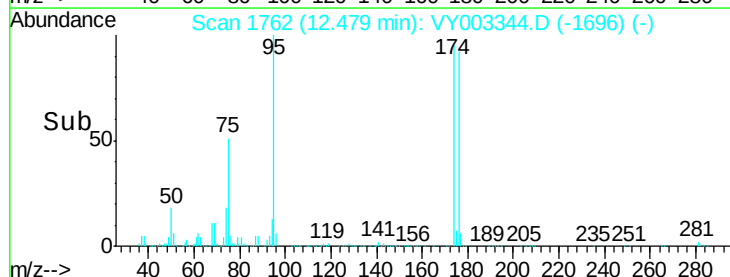
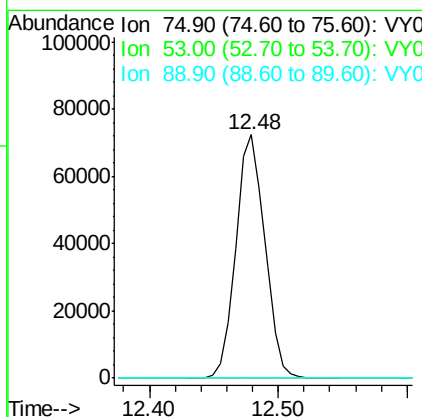
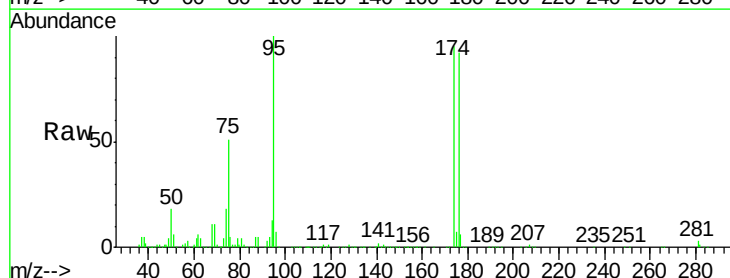
Instrument :
 MSVOA_Y
 ClientSampled :
 12

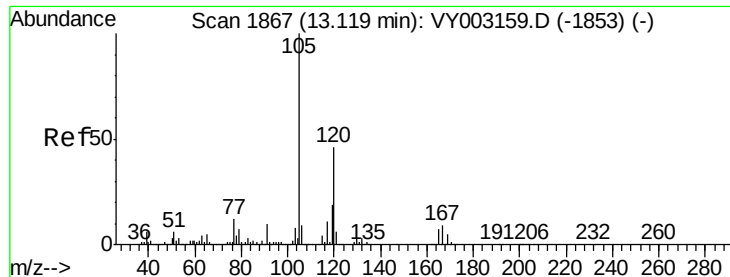
Tot Ion: 105 Resp: 19045
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.285 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

Tgt Ion: 75 Resp: 112522
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.0 108.0#
 89 0.0 37.3 55.9#

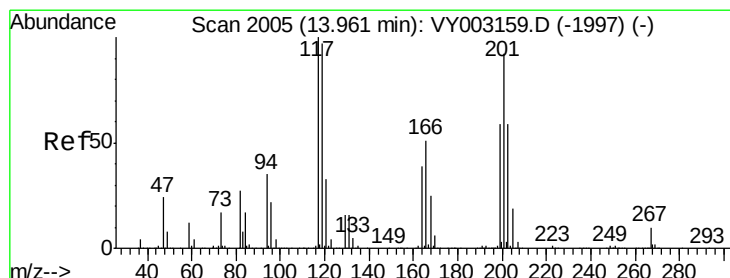
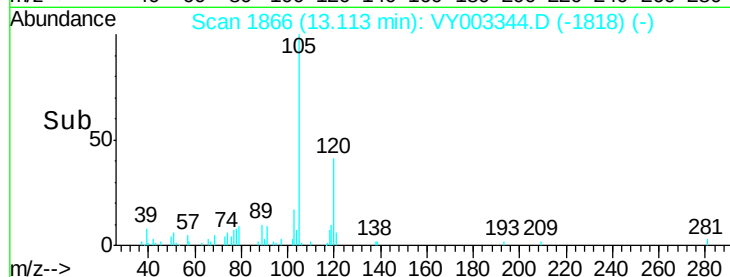
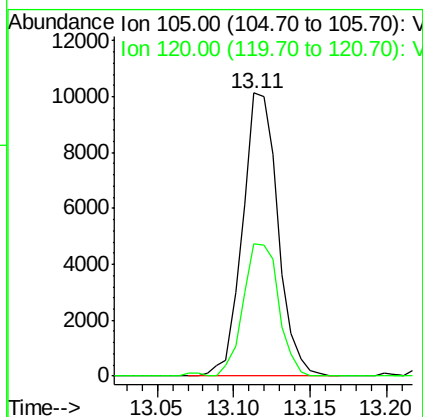
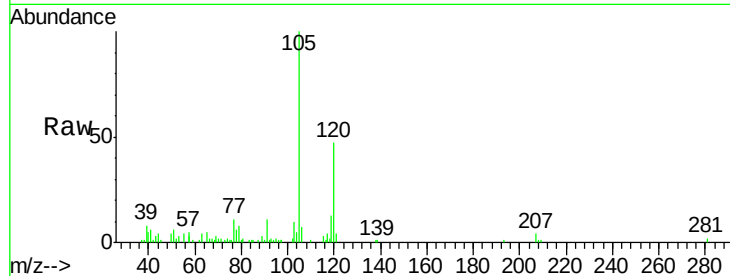




#84
 1,2,4-Trimethylbenzene
 Concen: 1.465 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

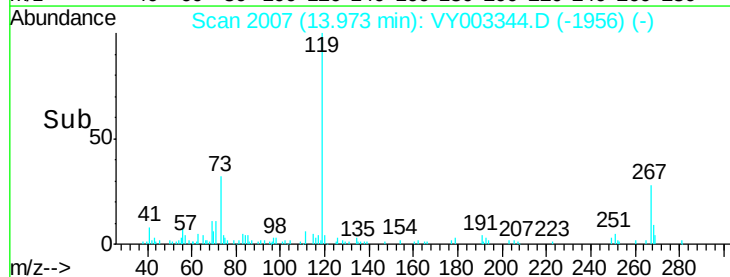
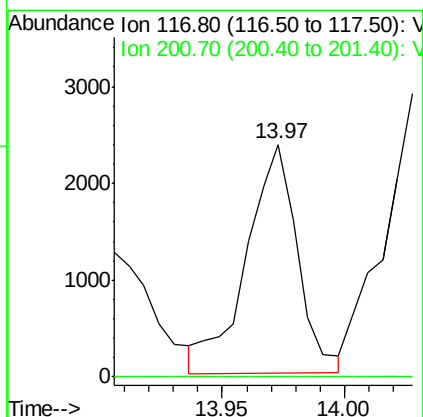
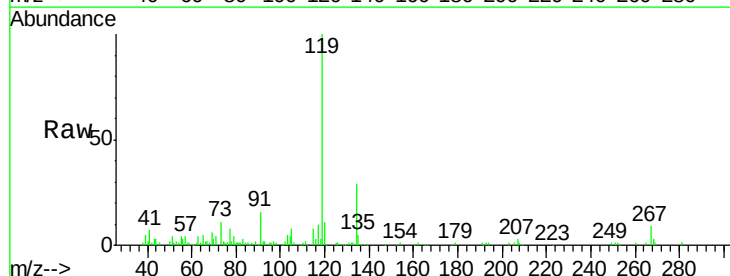
Instrument :
 MSVOA_Y
 ClientSampleId :
 12

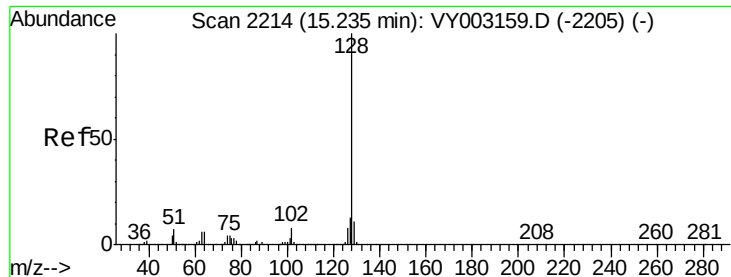
Tot Ion:105 Resp: 16236
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.5 67.5



#90
 Hexachloroethane
 Concen: 1.517 ug/l
 RT: 13.97 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

Tgt Ion:117 Resp: 3446
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.1 135.3#





#95
Naphthalene
Concen: 1.465 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003344.D
Acq: 24 Jul 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
12

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.1	10.9	16.3
129	9.2	9.0	13.6

