

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003428.D
 Acq On : 03 Aug 2020 19:39
 Operator : SY/MD
 Sample : L3548-10
 Misc : 6.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-019

Quant Time: Aug 04 01:38:05 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	447474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	709910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	642042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	304237	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	228804	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
35) Dibromofluoromethane	7.72	113	221169	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
50) Toluene-d8	10.18	98	857992	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.48	95	270212	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	

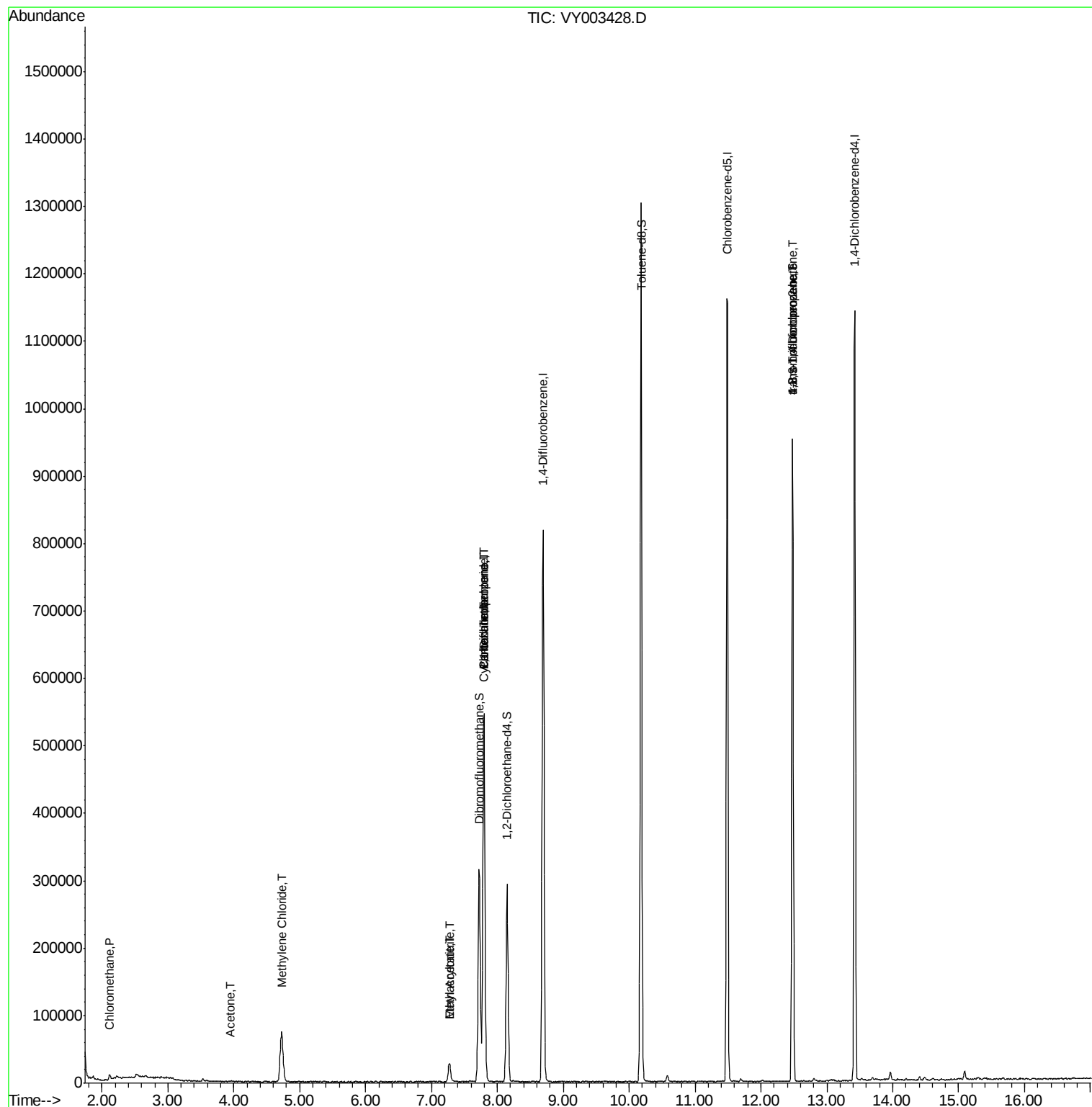
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	5352	1.066	ug/l	96
11) Tert butyl alcohol	4.96	59	32	Below Cal	#	73
16) Acetone	3.94	43	1180	1.122	ug/l #	74
20) Methylene Chloride	4.72	84	55929	2.040	ug/l	96
31) Cyclohexane	7.78	56	8418	1.116	ug/l #	38
36) 1,1-Dichloropropene	7.79	75	30784	4.582	ug/l #	50
37) Ethyl Acetate	7.27	43	27043	7.079	ug/l #	69
38) Carbon Tetrachloride	7.80	117	38993	5.641	ug/l #	16
41) Methacrylonitrile	7.27	41	13927	6.360	ug/l #	45
76) 1,2,3-Trichloropropane	12.48	75	138926	50.831	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	138926	96.133	ug/l #	15

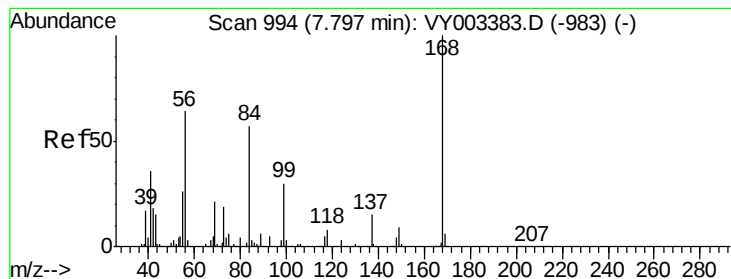
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
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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: VY003428.D

Acq: 03 Aug 2020 19:39

Instrument :

MSVOA_Y

ClientSampleId :

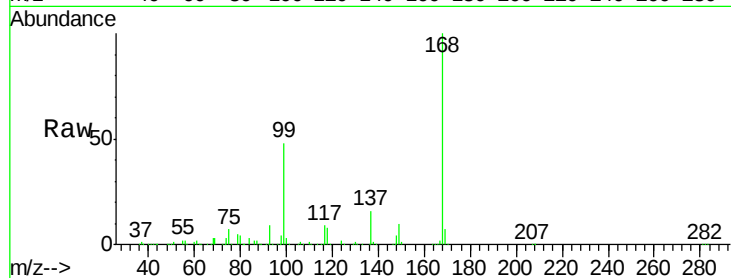
CRT-019

Tot Ion:168 Resp: 447474

Ion Ratio Lower Upper

168 100

99 47.8 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

200000

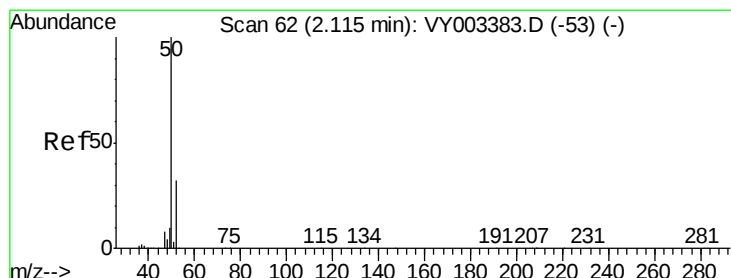
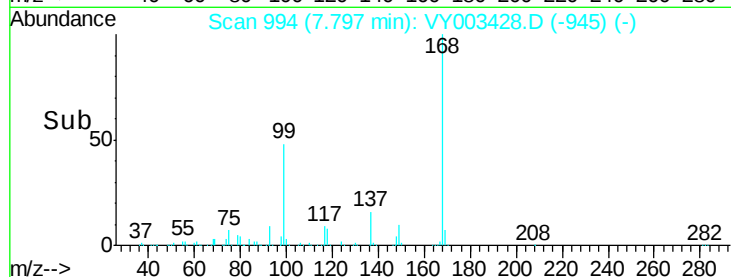
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.066 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003428.D

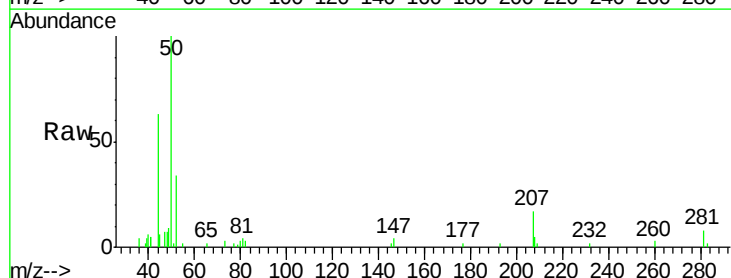
Acq: 03 Aug 2020 19:39

Tgt Ion: 50 Resp: 5352

Ion Ratio Lower Upper

50 100

52 34.4 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

4000

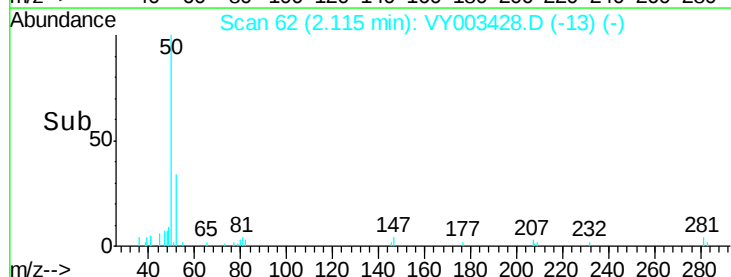
3000

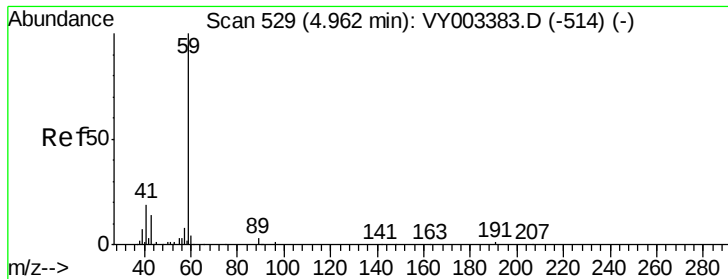
2000

1000

0

Time-->



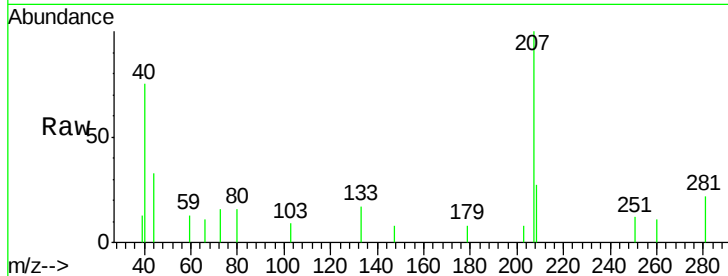


#11

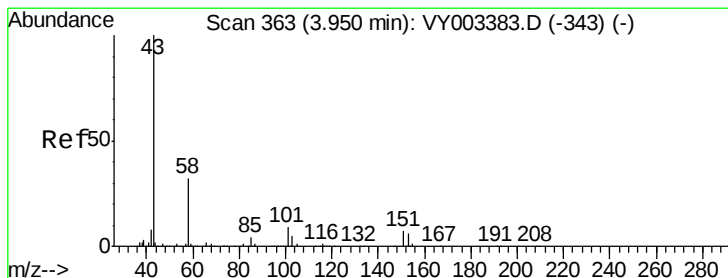
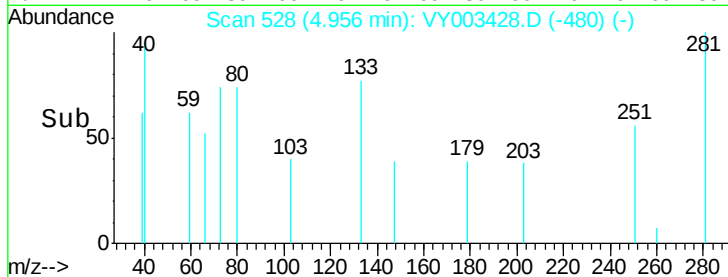
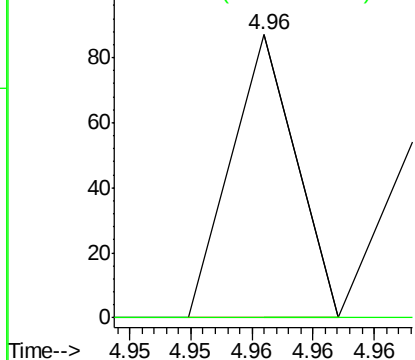
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003428.D
 Acq: 03 Aug 2020 19:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-019

Tot Ion: 59 Resp: 32
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#



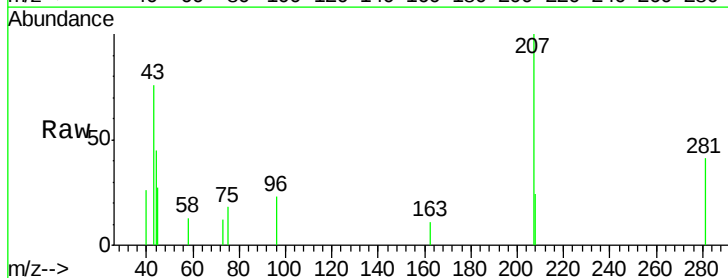
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



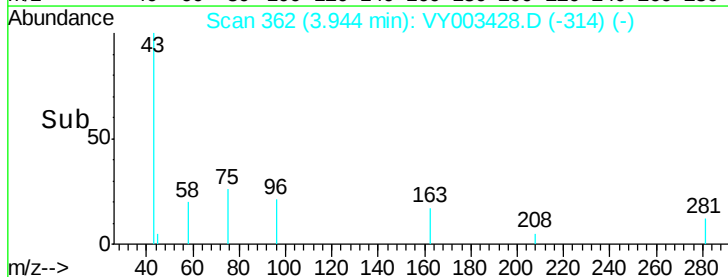
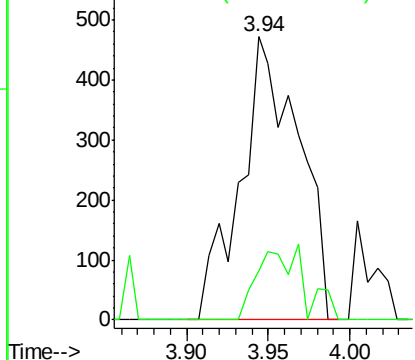
#16

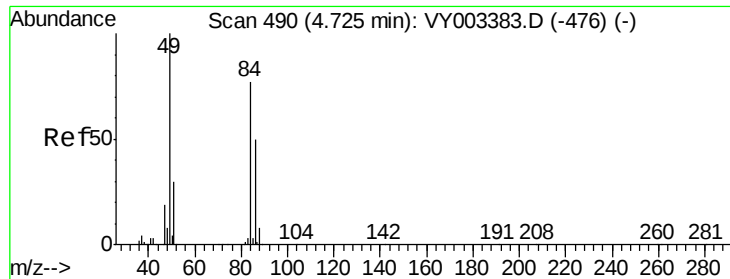
Acetone
 Concen: 1.122 ug/l
 RT: 3.94 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VY003428.D
 Acq: 03 Aug 2020 19:39

Tgt Ion: 43 Resp: 1180
 Ion Ratio Lower Upper
 43 100
 58 17.4 25.4 38.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

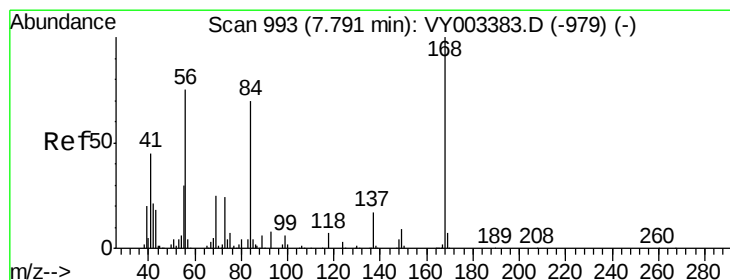
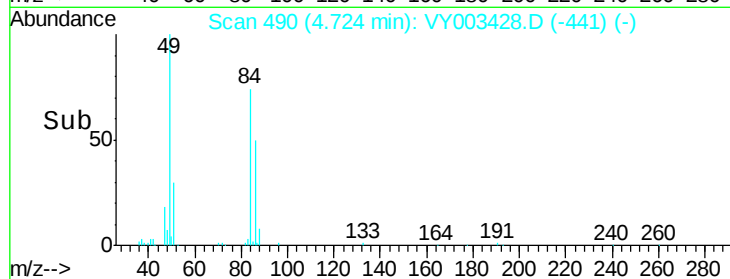
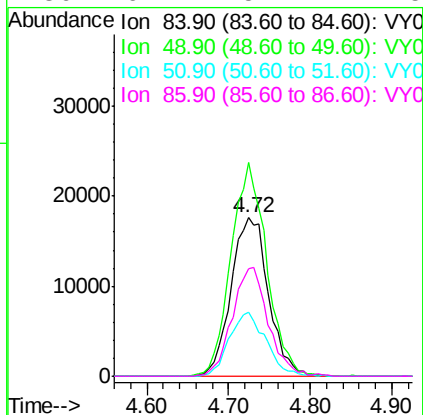
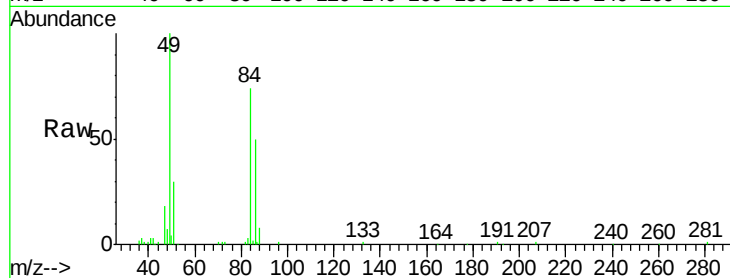




#20
Methvlene Chloride
Concen: 2.040 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

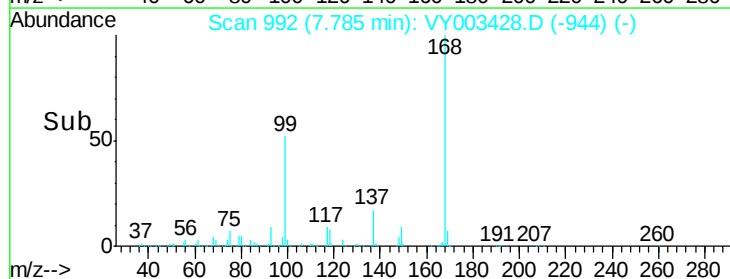
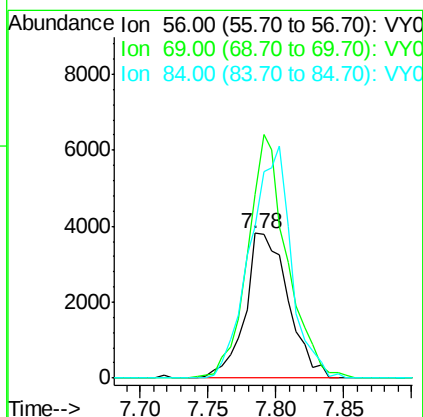
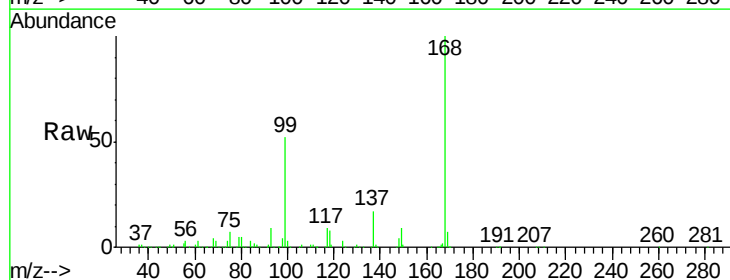
Instrument :
MSVOA_Y
ClientSampleId :
CRT-019

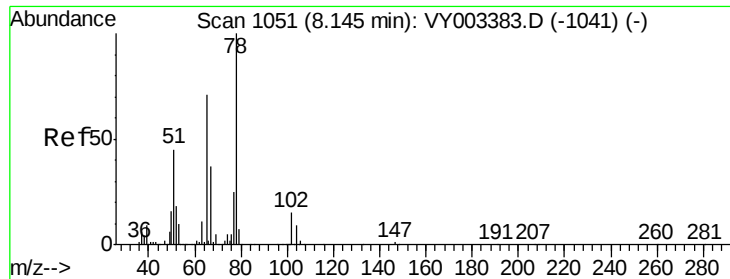
Tot Ion:	84	Resp:	55929
Ion	Ratio	Lower	Upper
84	100		
49	135.1	104.2	156.4
51	40.8	31.5	47.3
86	67.7	51.7	77.5



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

Tgt Ion:	56	Resp:	8418
Ion	Ratio	Lower	Upper
56	100		
69	127.0	26.1	39.1#
84	116.0	73.9	110.9#

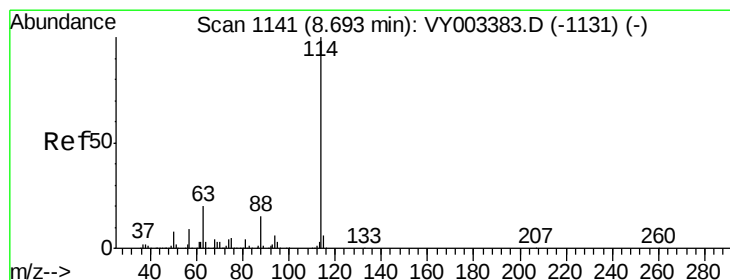
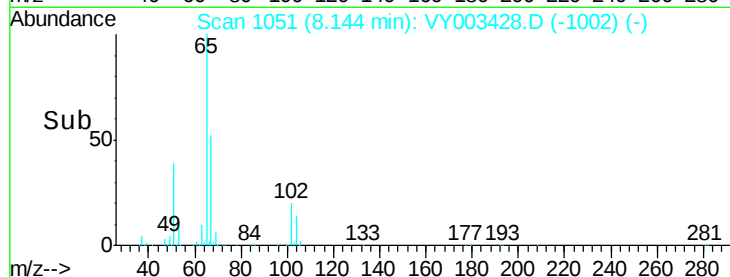
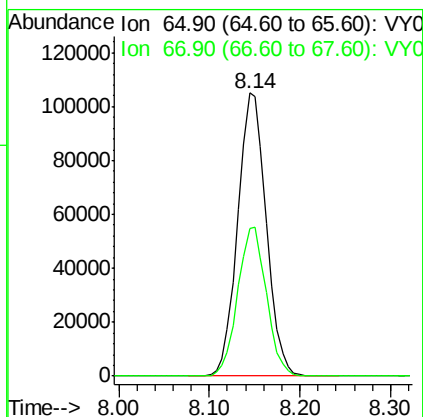
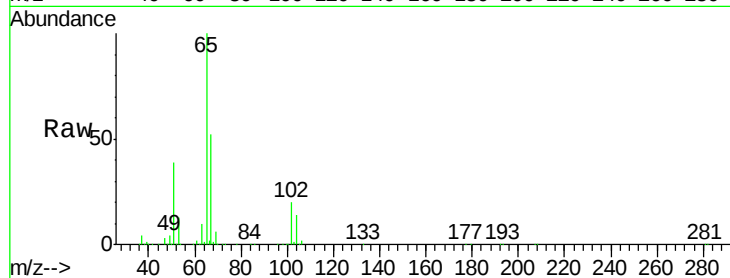




#33
 1,2-Dichloroethane-d4
 Concen: 53.778 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003428.D
 Acq: 03 Aug 2020 19:39

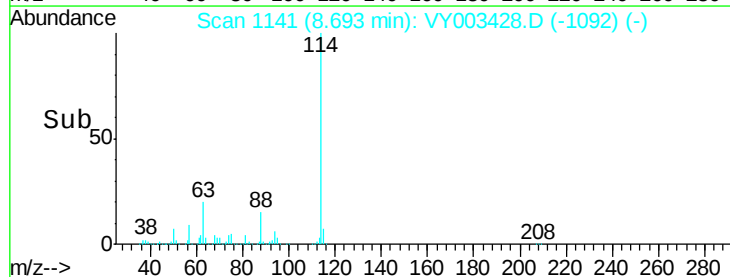
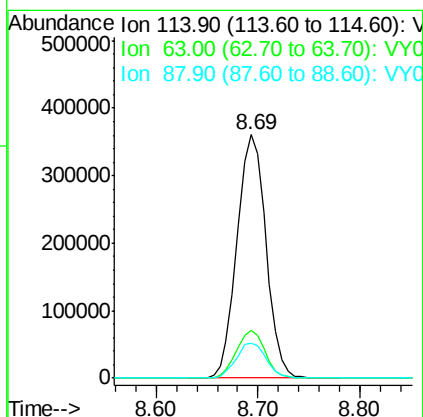
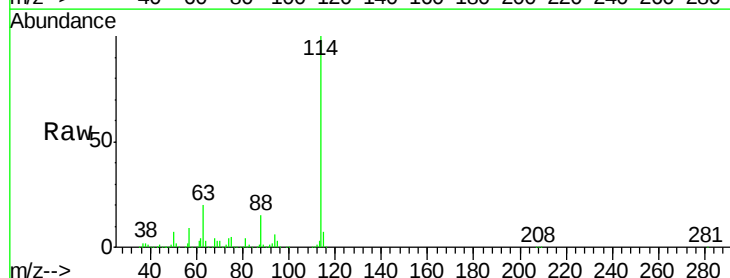
Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-019

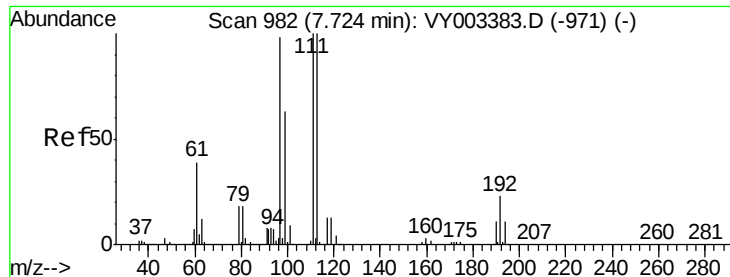
Tot Ion: 65 Resp: 228804
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003428.D
 Acq: 03 Aug 2020 19:39

Tgt Ion: 114 Resp: 709910
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.888 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003428.D

Acq: 03 Aug 2020 19:39

Instrument :

MSVOA_Y

ClientSampleId :

CRT-019

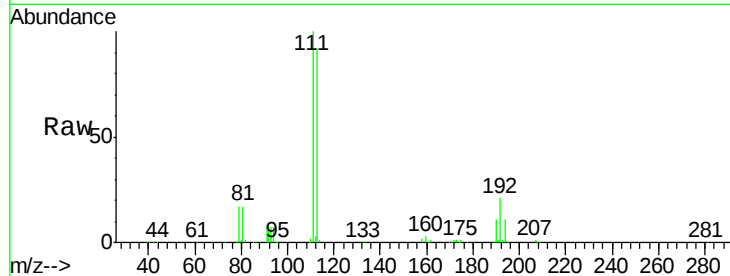
Tot Ion:113 Resp: 221169

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.4

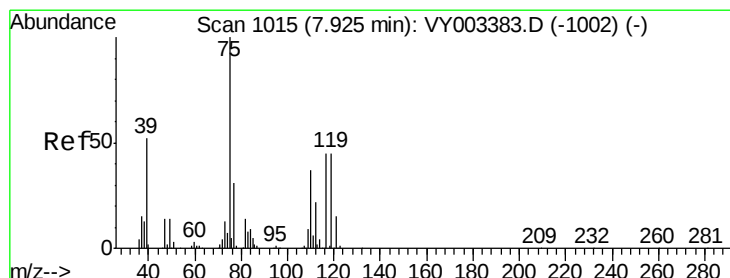
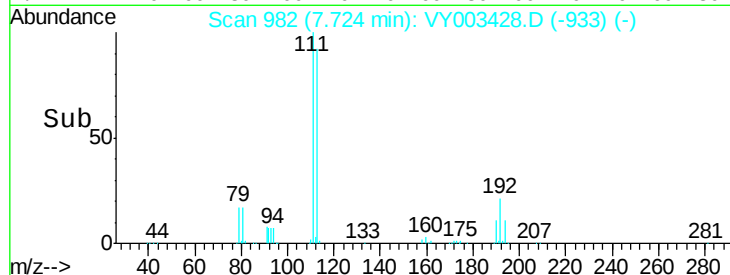
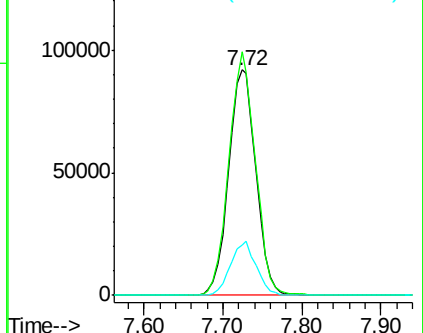
192 22.7 18.8 28.2



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: 4.582 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003428.D

Acq: 03 Aug 2020 19:39

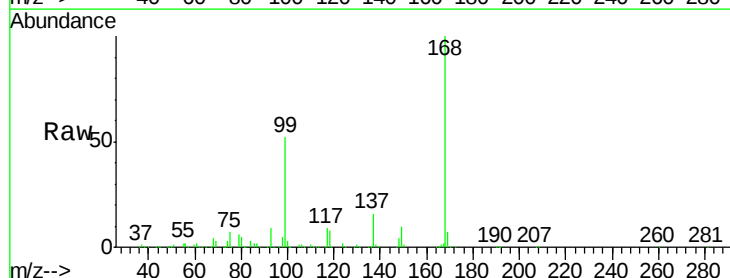
Tgt Ion: 75 Resp: 30784

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.5#

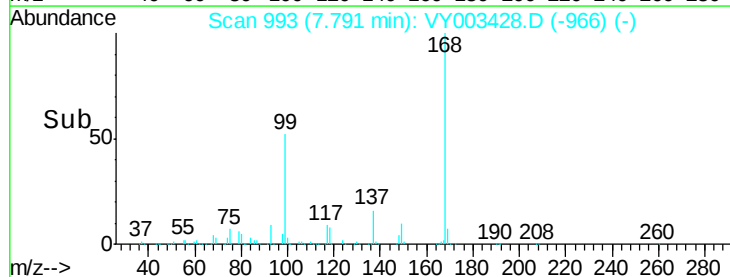
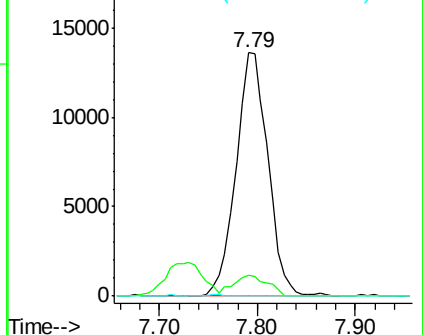
77 0.0 24.6 36.8#

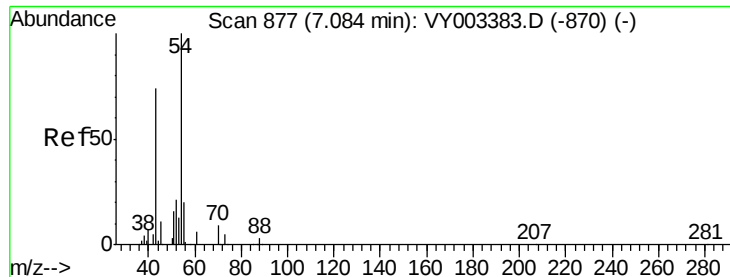


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

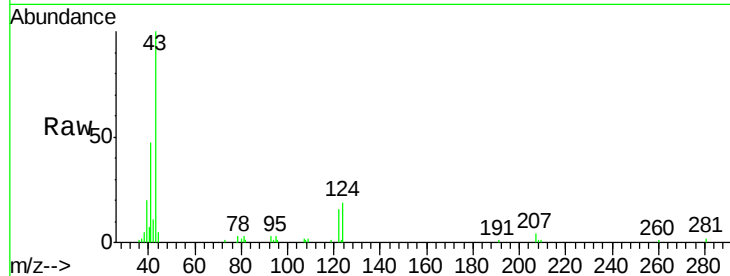




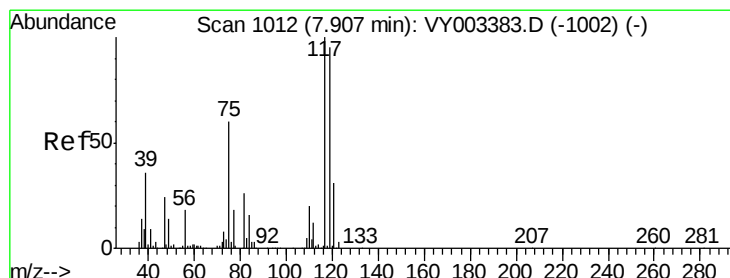
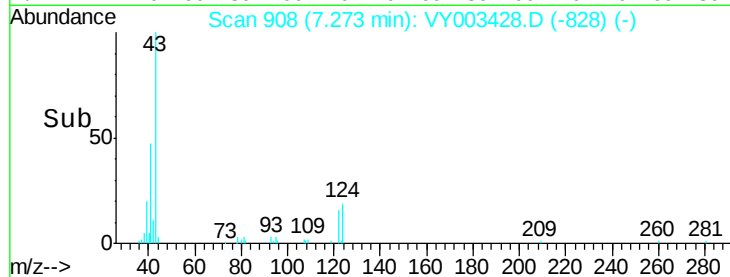
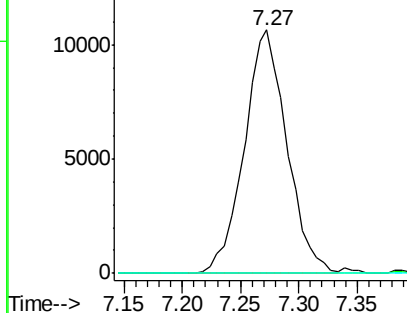
#37
Ethyl Acetate
Concen: 7.079 ug/l
RT: 7.27 min Scan# 908
Delta R.T. 0.19 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

Instrument :
MSVOA_Y
ClientSampled :
CRT-019

Tot Ion: 43 Resp: 27043
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 7.7 11.5#

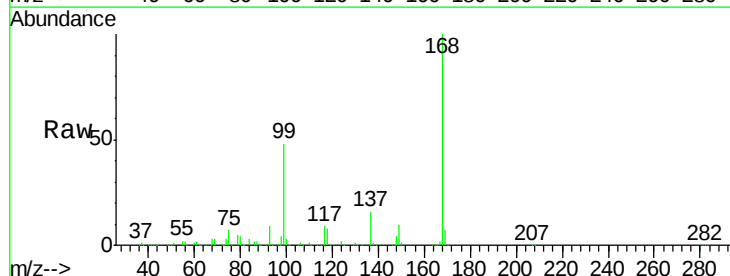


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

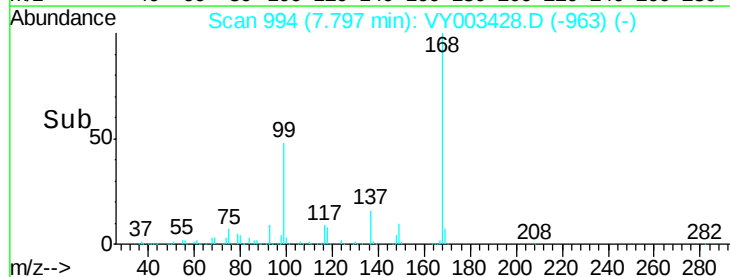
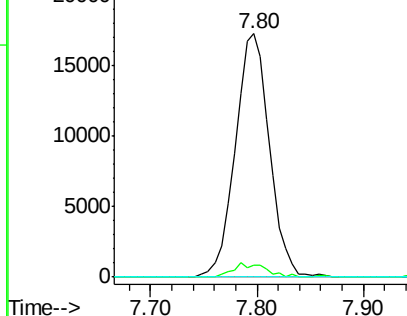


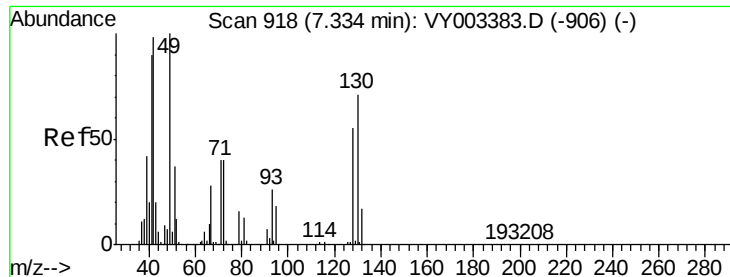
#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

Tgt Ion: 117 Resp: 38993
Ion Ratio Lower Upper
117 100
119 5.1 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

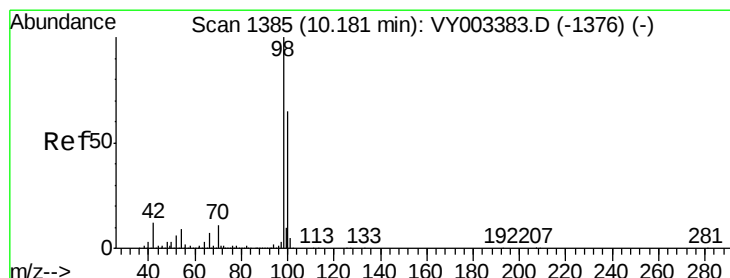
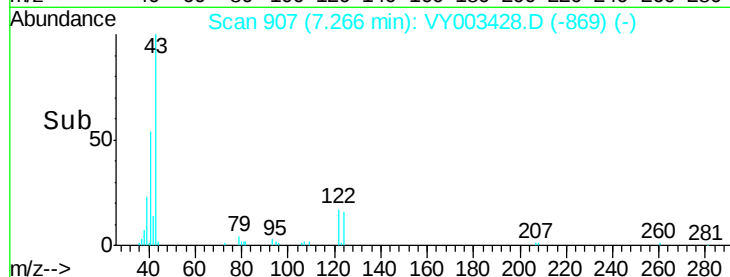
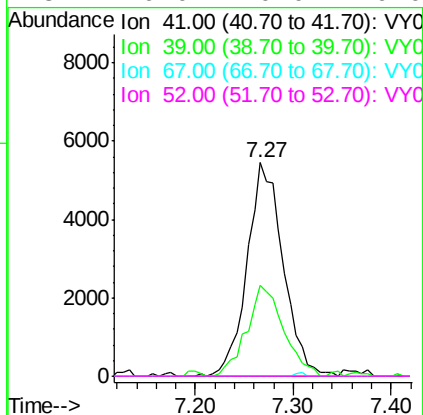
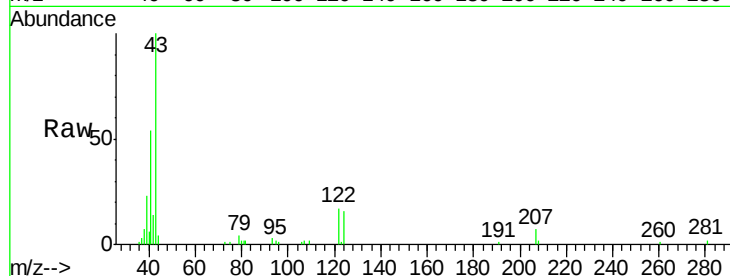




#41
Methacrylonitrile
Concen: 6.360 ug/l
RT: 7.27 min Scan# 907
Delta R.T. -0.07 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

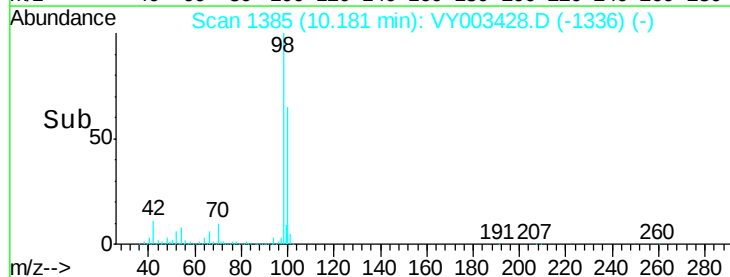
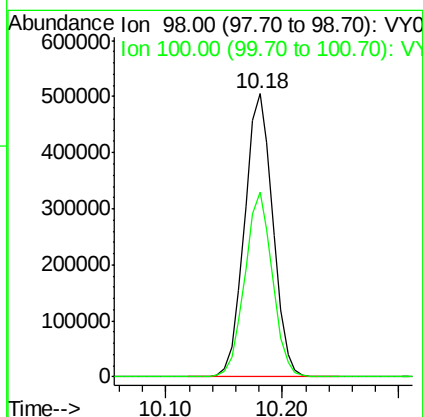
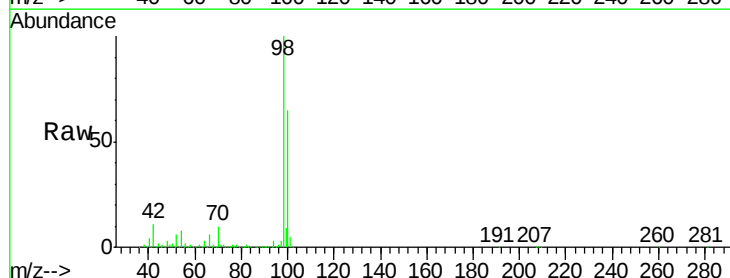
Instrument :
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ClientSampleId :
CRT-019

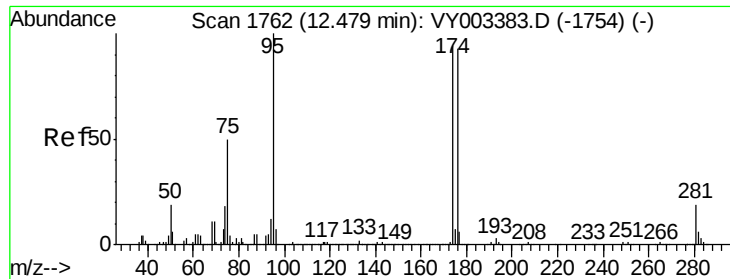
Tot Ion:	41	Resp:	13927
Ion	Ratio	Lower	Upper
41	100		
39	43.6	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 52.396 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

Tgt Ion:	98	Resp:	857992
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.3	76.9





#62

4-Bromofluorobenzene

Concen: 48.295 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003428.D

Acq: 03 Aug 2020 19:39

Instrument :

MSVOA_Y

ClientSampleId :

CRT-019

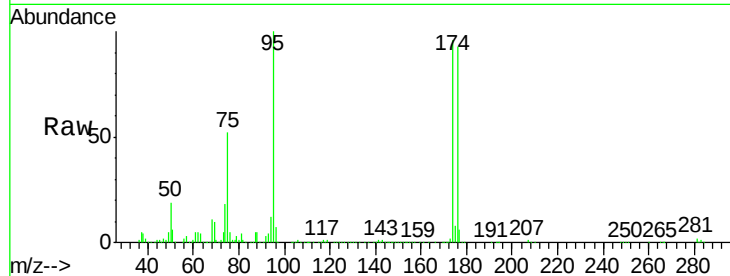
Tot Ion: 95 Resp: 270212

Ion Ratio Lower Upper

95 100

174 95.0 0.0 190.0

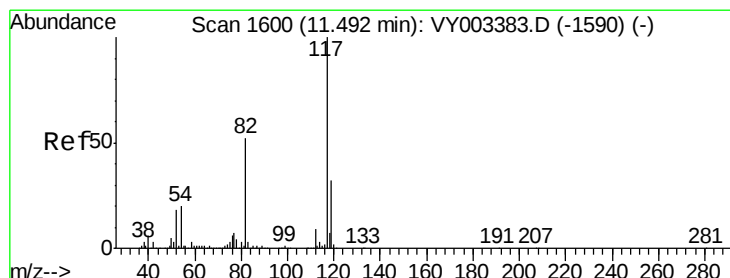
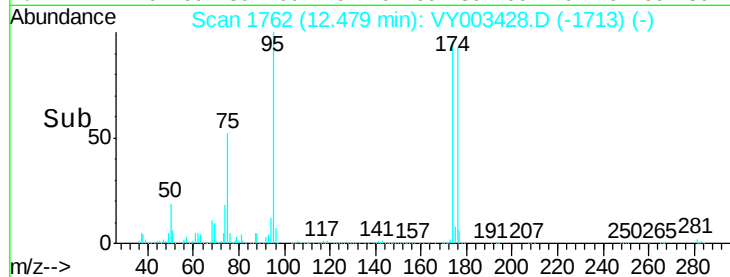
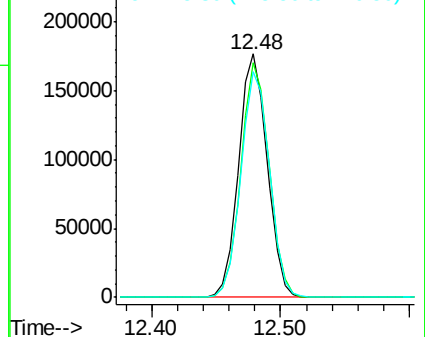
176 92.6 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003428.D

Acq: 03 Aug 2020 19:39

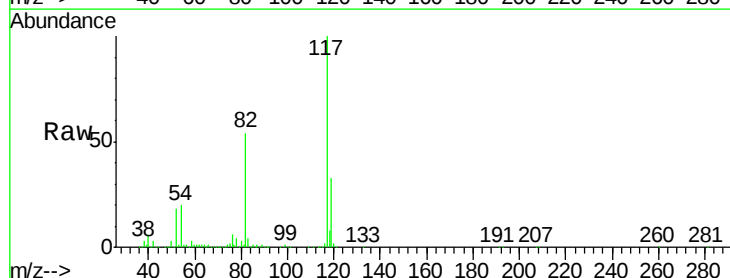
Tgt Ion: 117 Resp: 642042

Ion Ratio Lower Upper

117 100

82 54.2 41.9 62.9

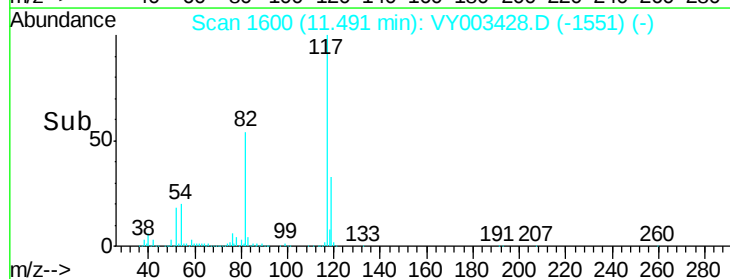
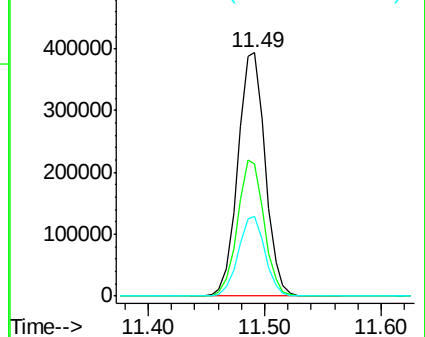
119 32.6 25.4 38.0

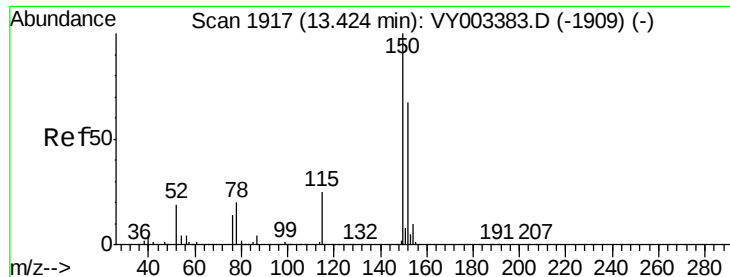


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0



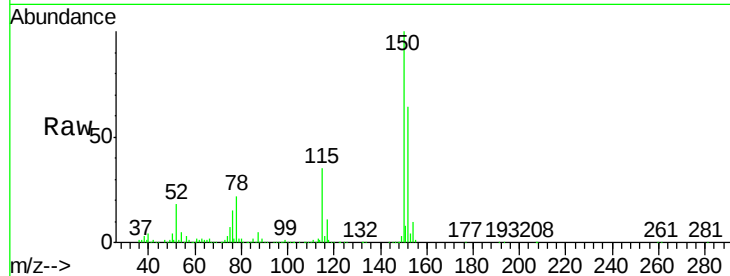


#72

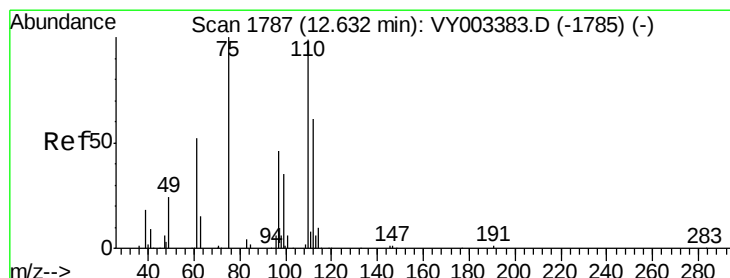
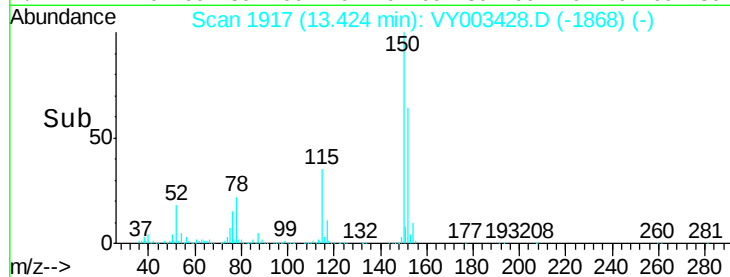
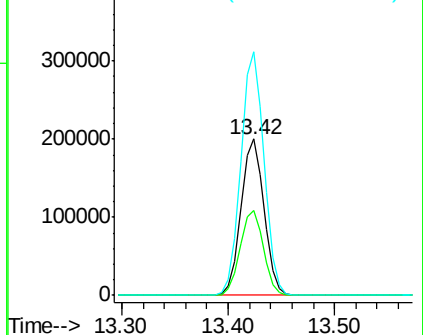
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

Instrument :
MSVOA_Y
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.2	81.5
150	156.5	0.0	346.8



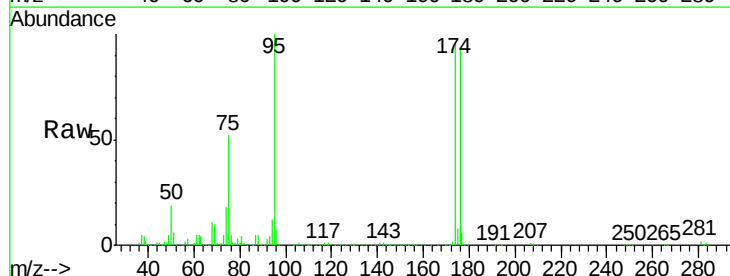
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



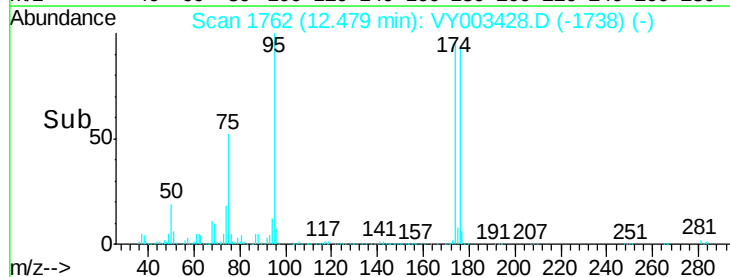
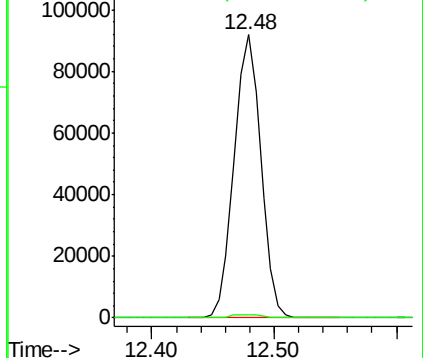
#76

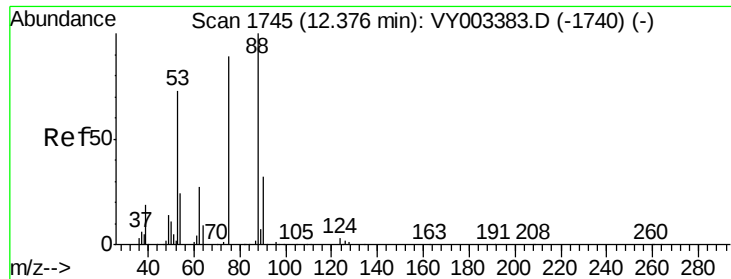
1,2,3-Trichloropropane
Concen: 50.831 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003428.D
Acq: 03 Aug 2020 19:39

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: 96.133 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003428.D

Acq: 03 Aug 2020 19:39

Instrument :

MSVOA_Y

ClientSampleId :

CRT-019

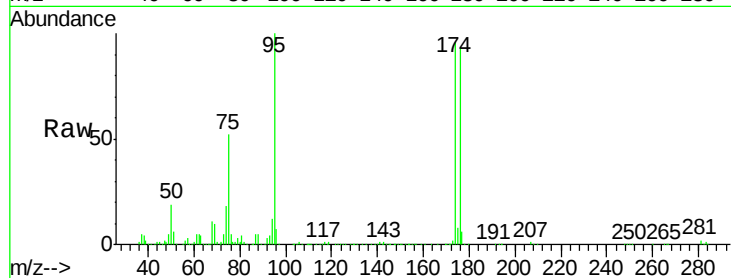
Tot Ion: 75 Resp: 138926

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.1 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

