

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003490.D
 Acq On : 03 Nov 2020 14:24
 Operator : SY/MD
 Sample : L4600-01
 Misc : 5.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-17

Quant Time: Nov 04 00:23:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	177218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	313517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	278248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	127917	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	117488	64.67	ug/l	0.00
Spiked Amount			Recovery	=	129.34%	
35) Dibromofluoromethane	7.73	113	101063	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.18	98	380543	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.48	95	115027	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	

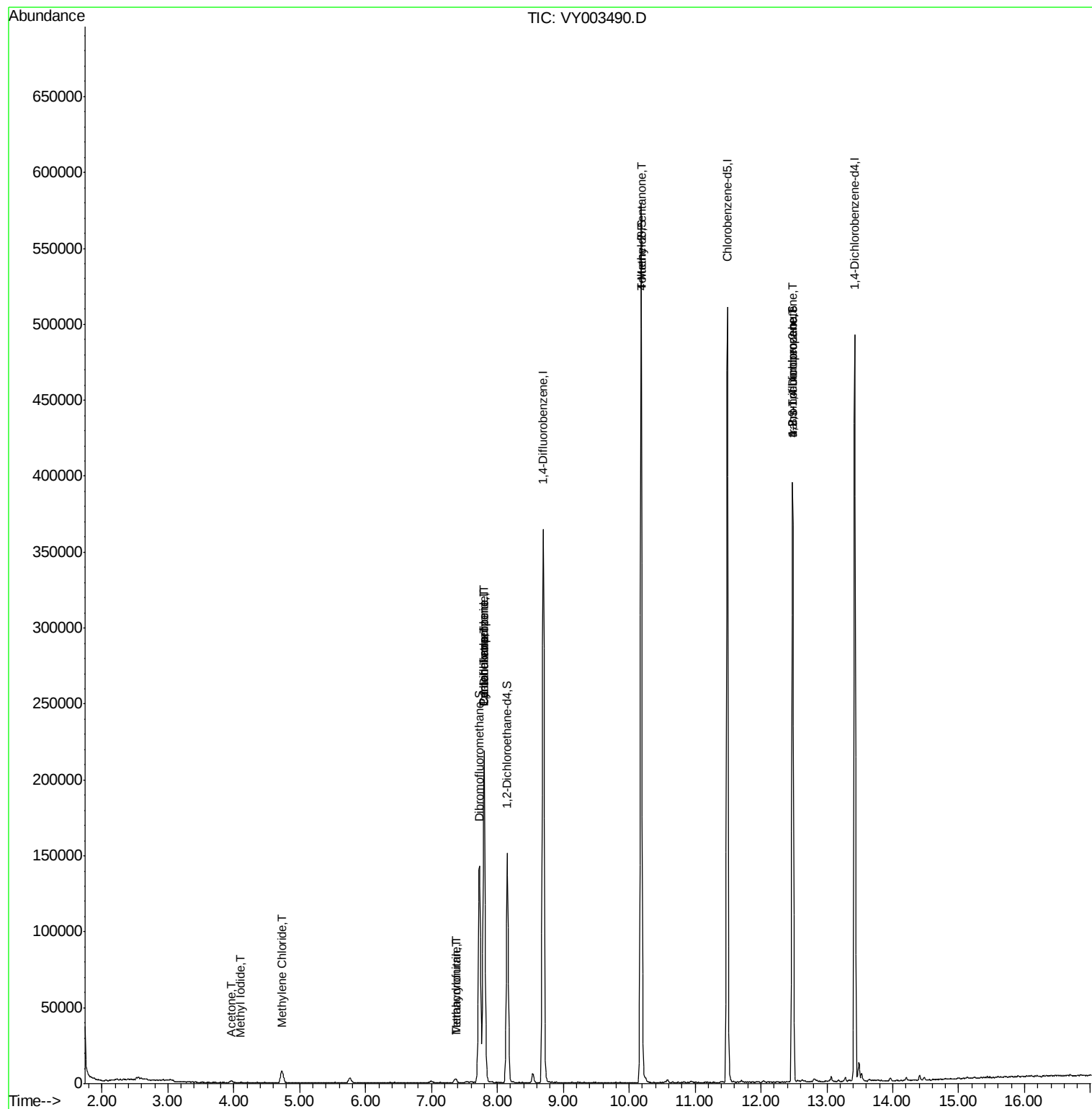
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	339	4.811	ug/l #	41
11) Tert butyl alcohol	4.98	59	55	Below Cal	#	73
16) Acetone	3.96	43	881	1.470	ug/l	89
20) Methylene Chloride	4.74	84	5784	3.427	ug/l	96
29) Tetrahydrofuran	7.36	42	1983	5.063	ug/l #	87
31) Cyclohexane	7.80	56	3529	1.296	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12057	4.079	ug/l #	50
38) Carbon Tetrachloride	7.80	117	15992	5.215	ug/l #	17
41) Methacrylonitrile	7.36	41	1401	1.429	ug/l #	100
51) 4-Methyl-2-Pentanone	10.19	43	1858	1.057	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	61280	45.277	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	61280	94.500	ug/l #	12

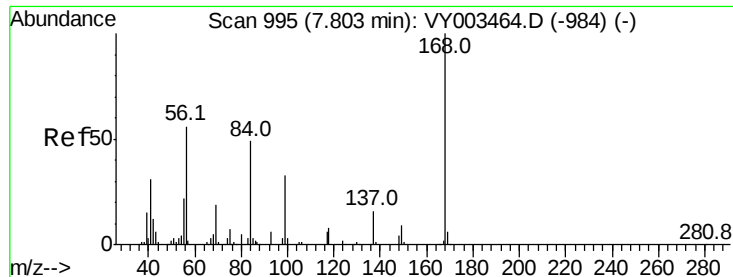
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

Instrument :

MSVOA_Y

ClientSampled :

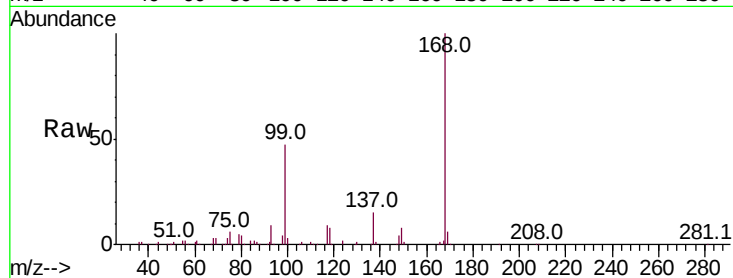
CRT-17

Tot Ion:168 Resp: 177218

Ion Ratio Lower Upper

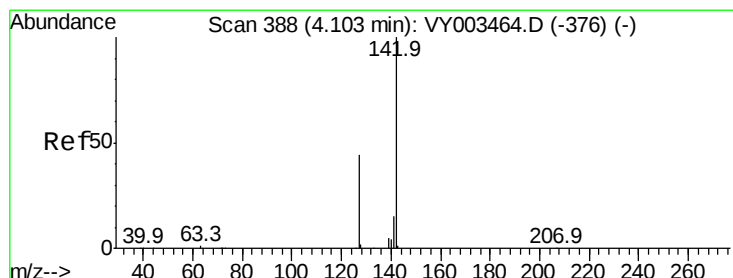
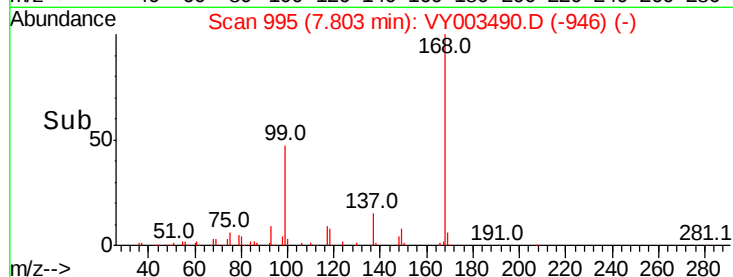
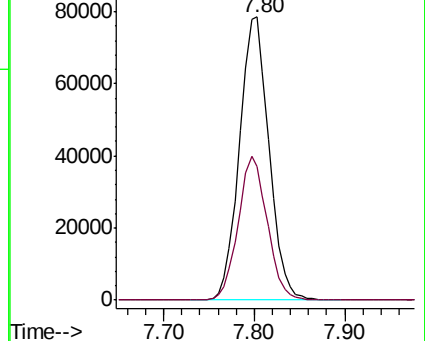
168 100

99 47.4 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 4.811 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

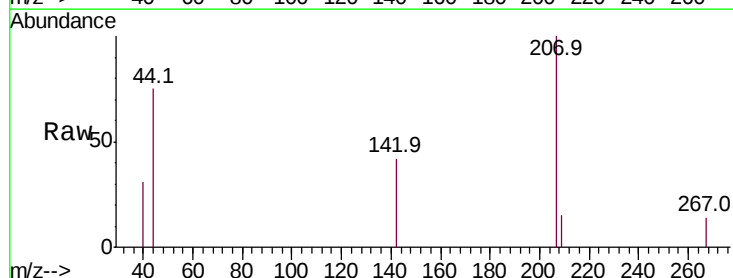
Tgt Ion:142 Resp: 339

Ion Ratio Lower Upper

142 100

127 0.0 34.5 51.7#

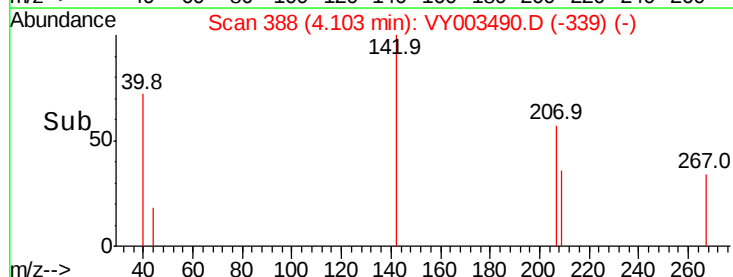
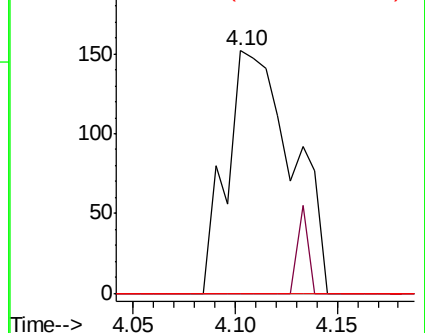
141 0.0 11.8 17.8#

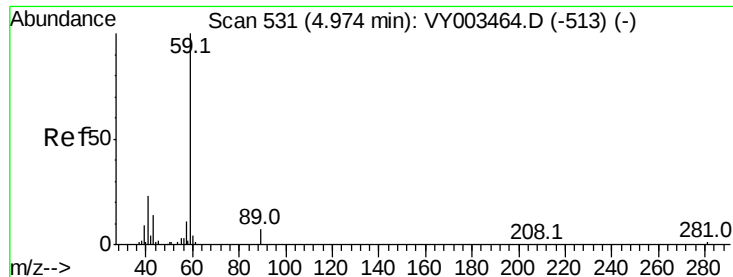


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



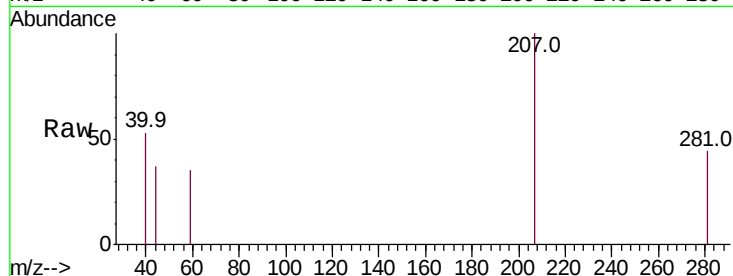


#11

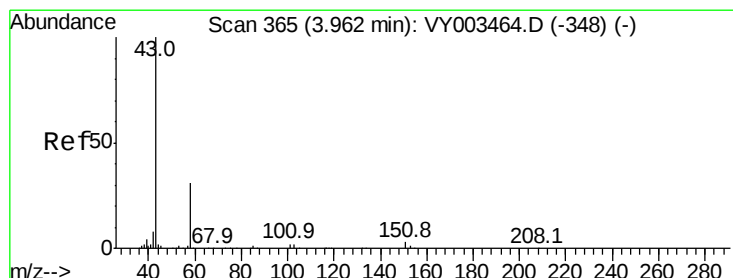
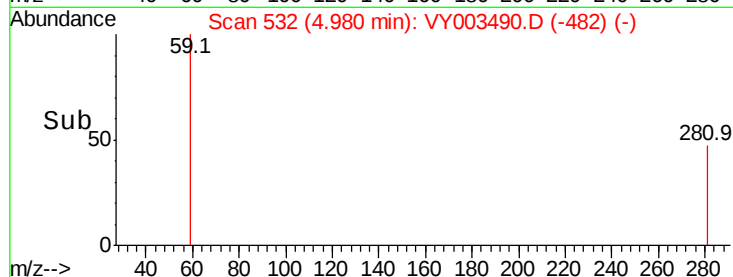
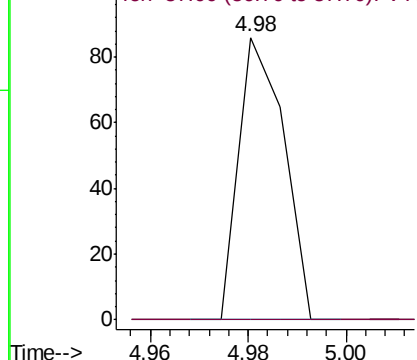
Tert butyl alcohol
Concen: Below Cal
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :
CRT-17

Tot Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



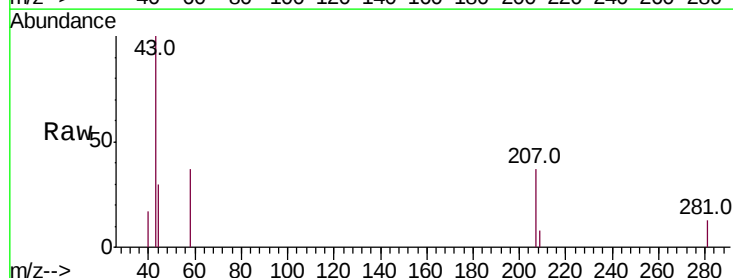
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



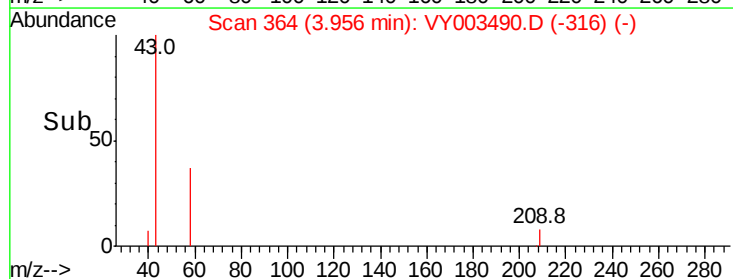
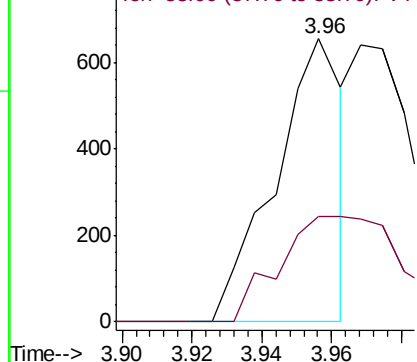
#16

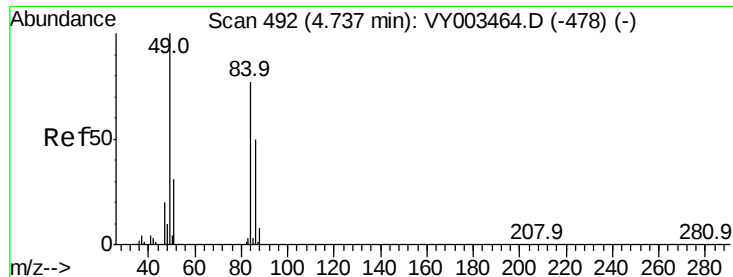
Acetone
Concen: 1.470 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 37.2 25.0 37.4



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

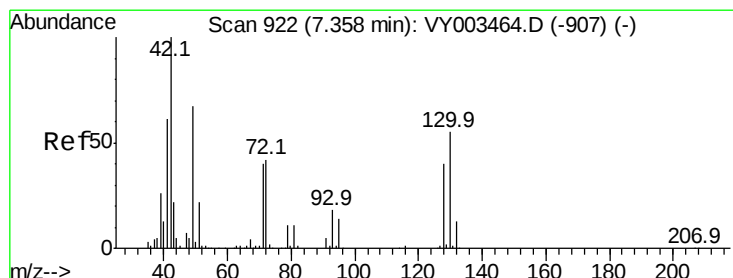
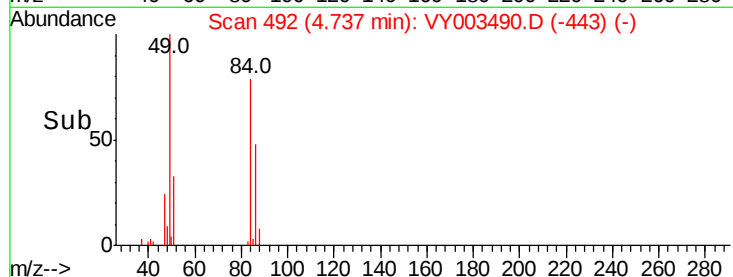
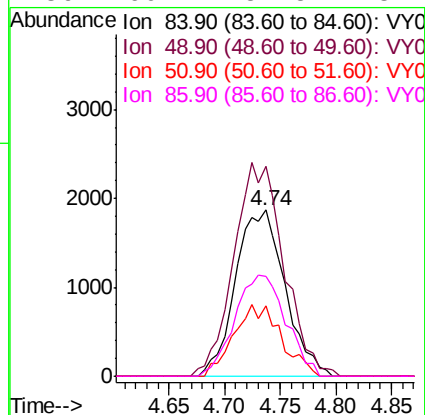
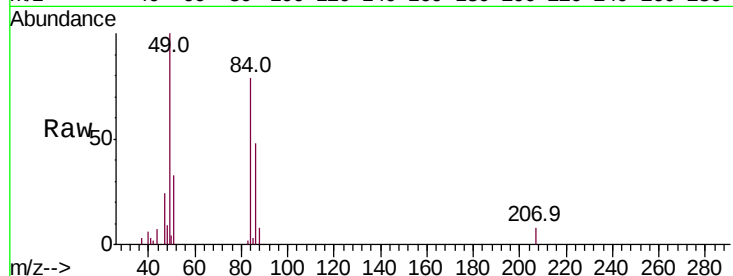




#20
Methvlene Chloride
Concen: 3.427 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

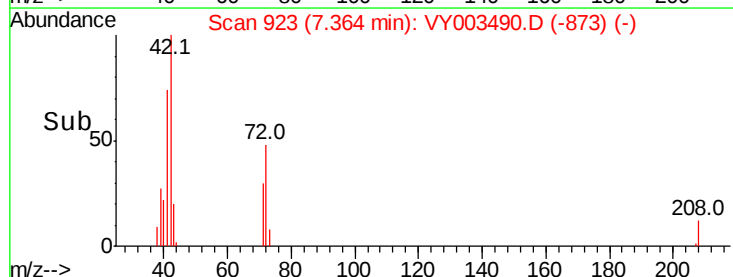
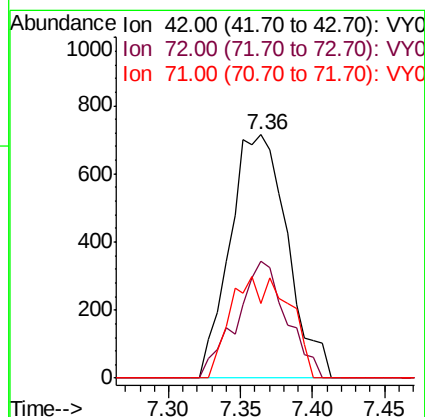
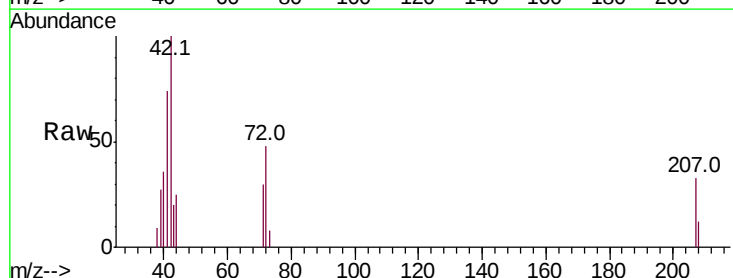
Instrument :
MSVOA_Y
ClientSampled :
CRT-17

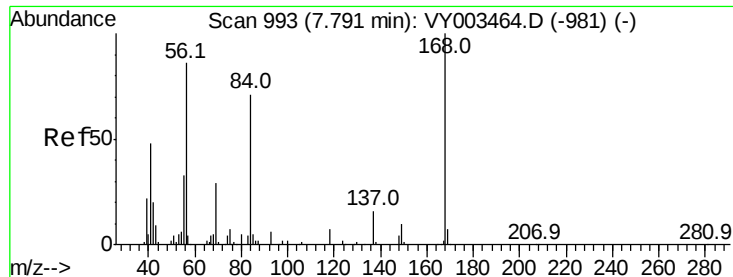
Tot Ion:	84	Resp:	5784
Ion	Ratio	Lower	Upper
84	100		
49	126.4	104.3	156.5
51	42.3	32.5	48.7
86	60.4	52.5	78.7



#29
Tetrahydrofuran
Concen: 5.063 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

Tgt Ion:	42	Resp:	1983
Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.8	49.2
71	23.2	30.7	46.1#





#31

Cvclohexane

Concen: 1.296 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

CRT-17

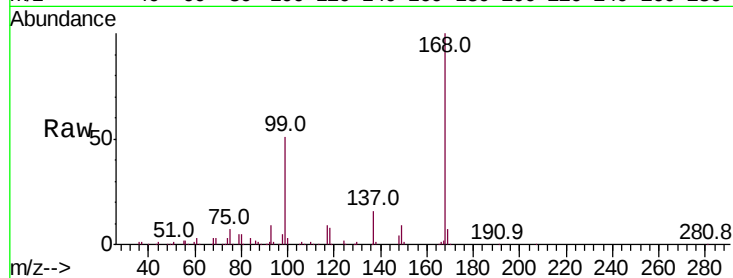
Tot Ion: 56 Resp: 3529

Ion Ratio Lower Upper

56 100

69 154.9 26.6 39.8#

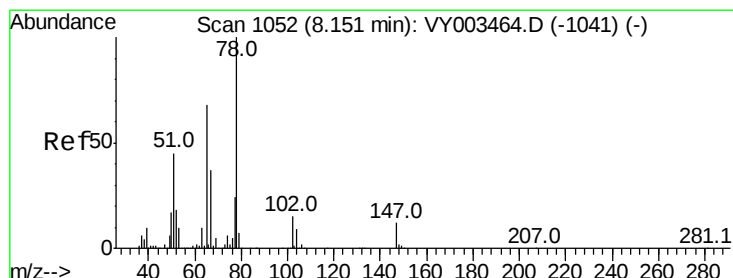
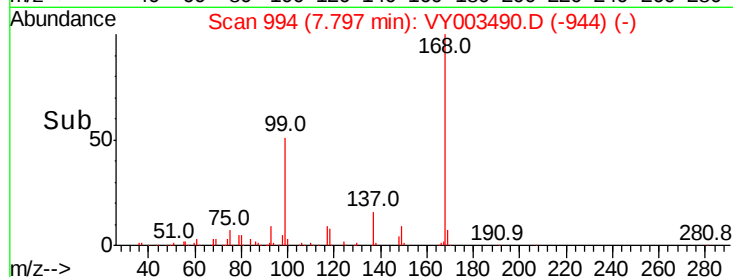
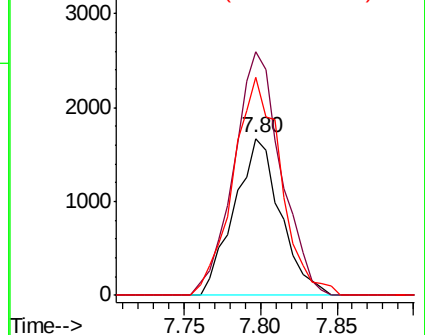
84 138.6 65.9 98.9#



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: 64.667 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003490.D

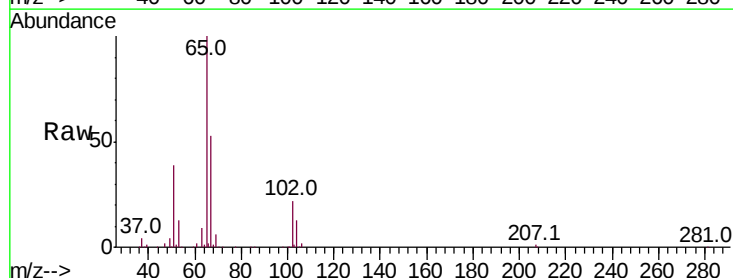
Acq: 03 Nov 2020 14:24

Tgt Ion: 65 Resp: 117488

Ion Ratio Lower Upper

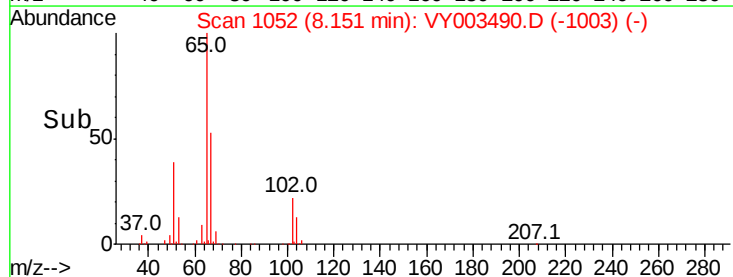
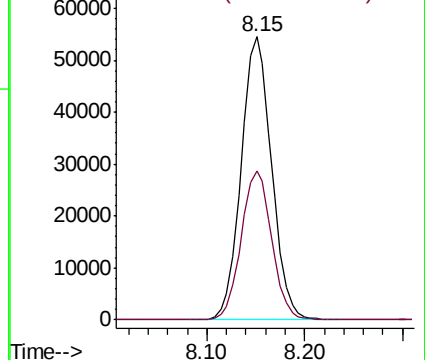
65 100

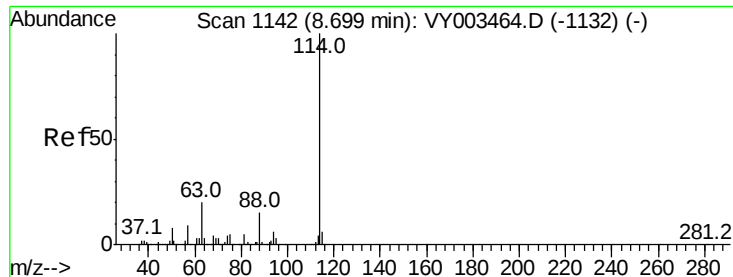
67 52.7 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

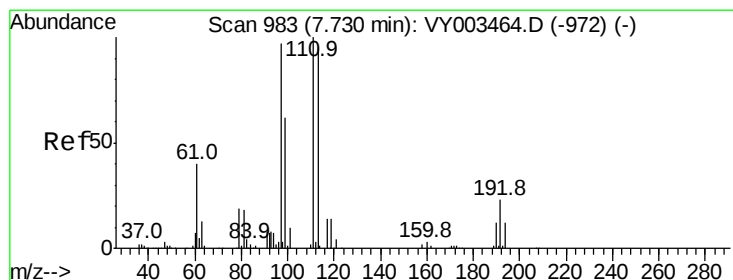
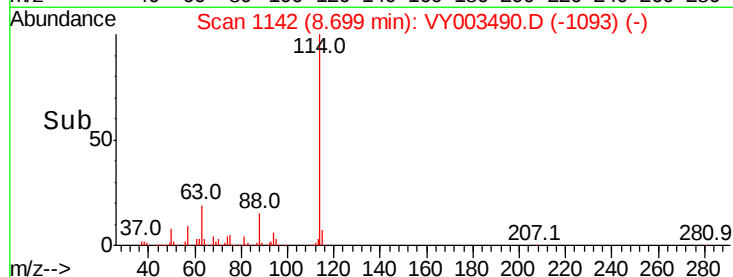
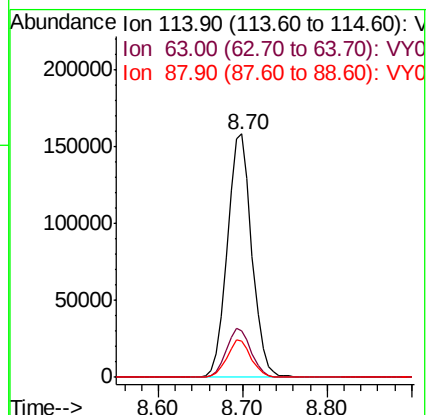
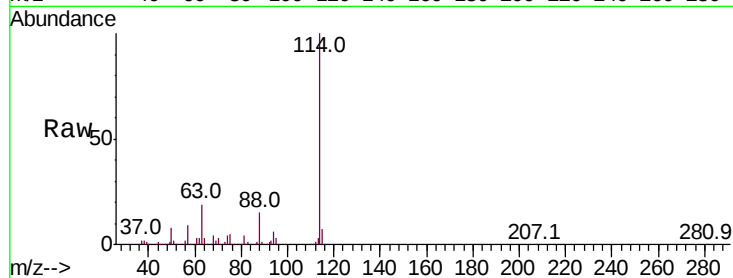
Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :
CRT-17

Tot Ion:114 Resp: 313517

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.6
88	14.8	0.0	29.4



#35

Dibromofluoromethane

Concen: 52.973 ug/l

RT: 7.73 min Scan# 983

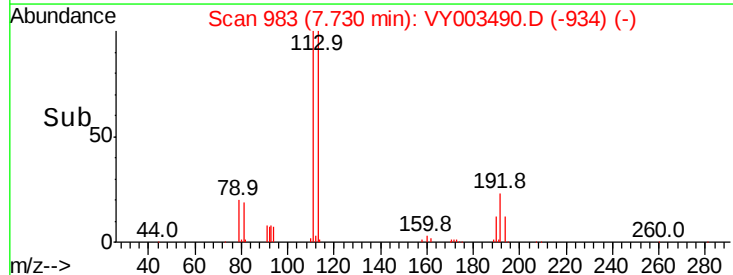
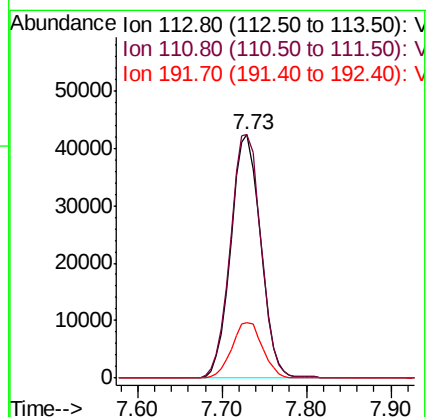
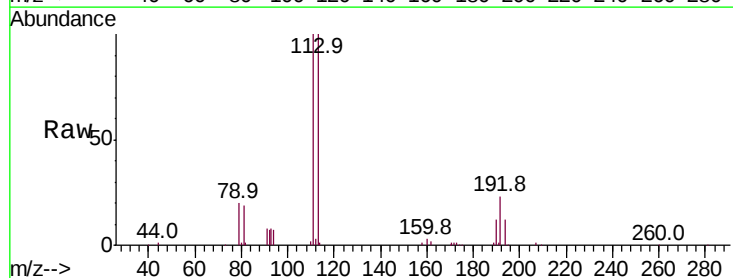
Delta R.T. -0.00 min

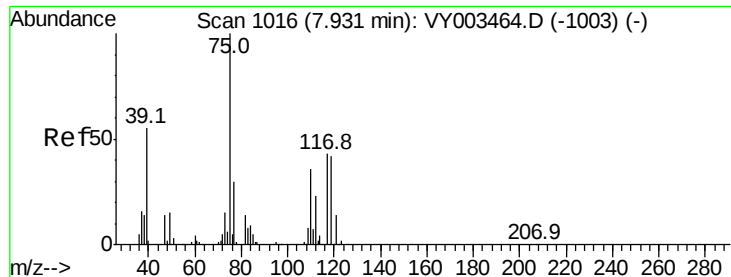
Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

Tgt Ion:113 Resp: 101063

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	23.2	18.8	28.2





#36

1,1-Dichloropropene

Concen: 4.079 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

CRT-17

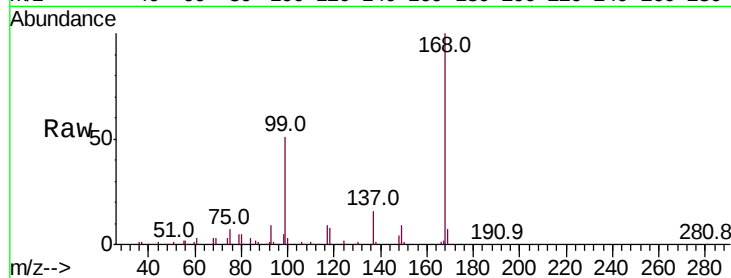
Tot Ion: 75 Resp: 12057

Ion Ratio Lower Upper

75 100

110 9.6 17.6 52.9#

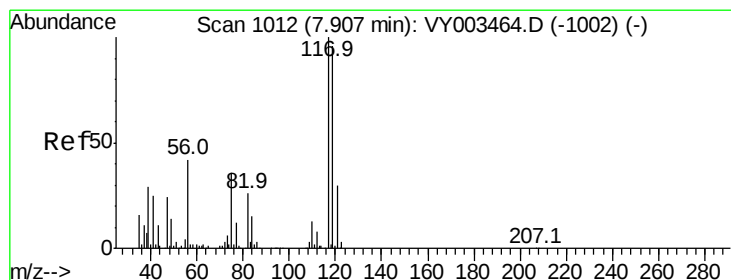
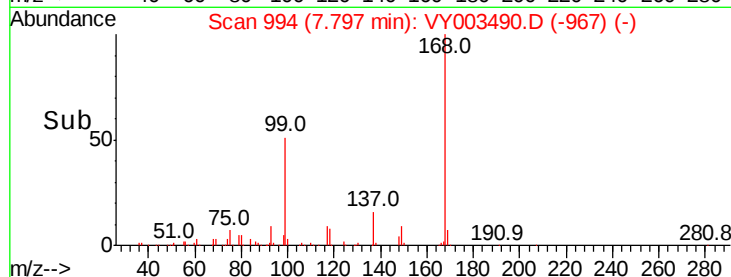
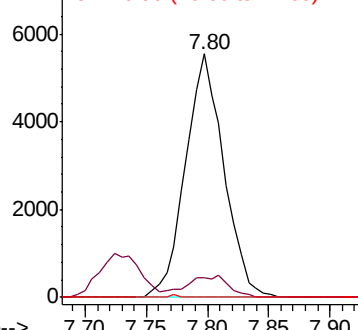
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY003490.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY003490.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY003490.D (-967) (-)



#38

Carbon Tetrachloride

Concen: 5.215 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

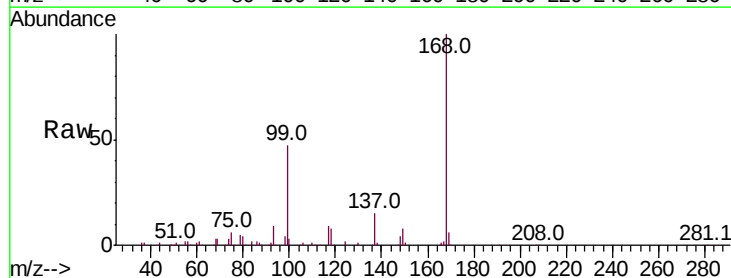
Tgt Ion: 117 Resp: 15992

Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.4#

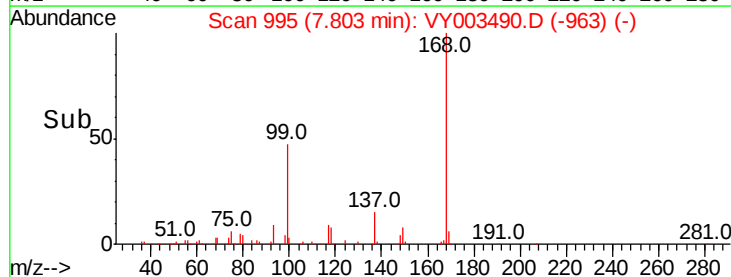
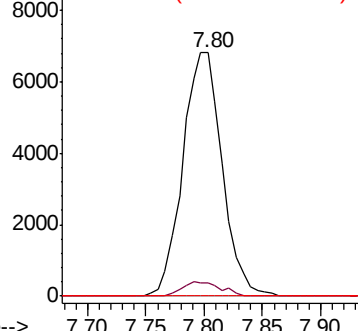
121 0.0 24.2 36.4#

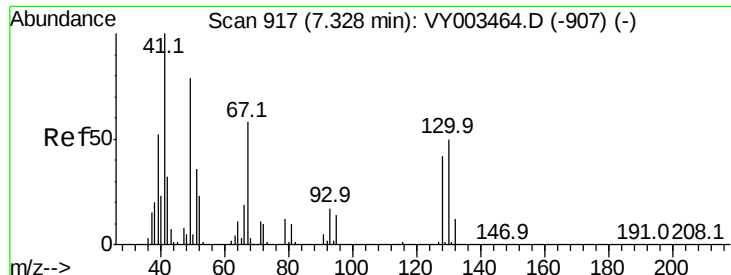


Abundance Ion 116.80 (116.50 to 117.50): VY003490.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003490.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003490.D (-963) (-)

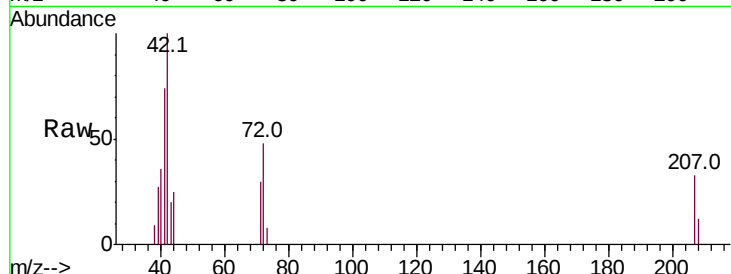




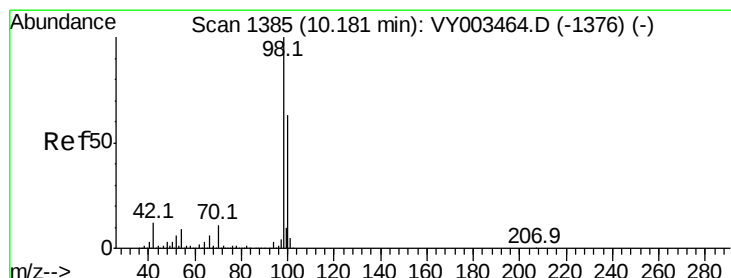
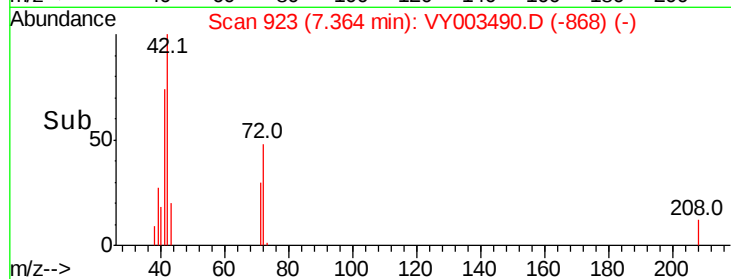
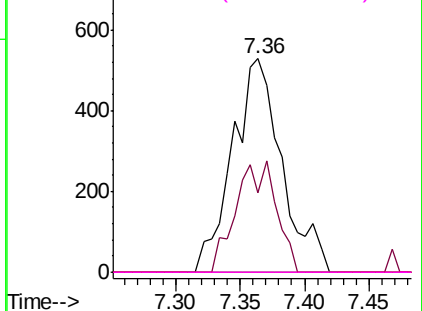
#41
Methacrylonitrile
Concen: 1.429 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

Instrument :
MSVOA_Y
ClientSampled :
CRT-17

Tot Ion:	41	Resp:	1401
Ion	Ratio	Lower	Upper
41	100		
39	42.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

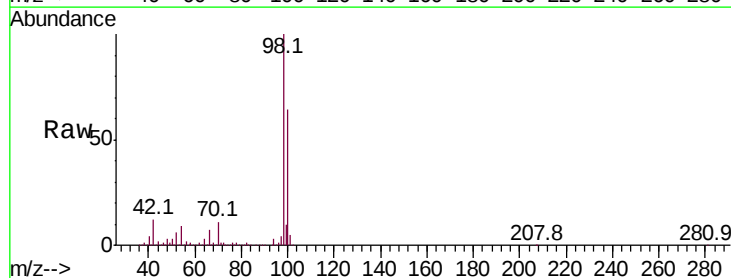


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

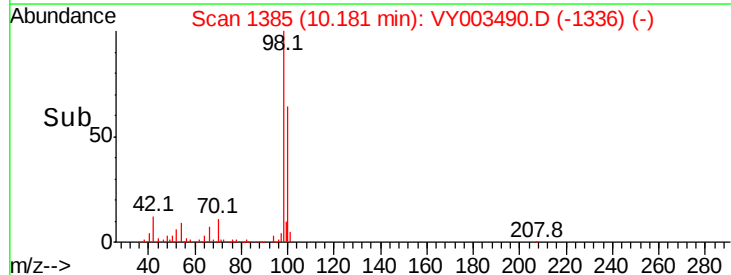
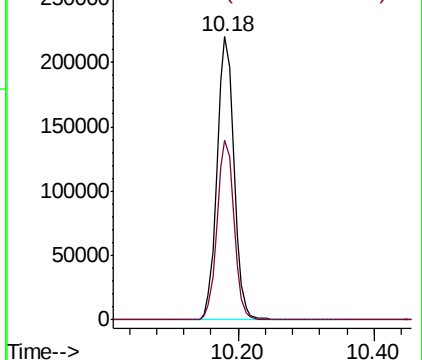


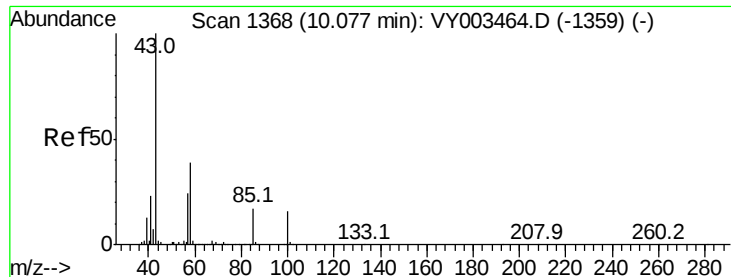
#50
Toluene-d8
Concen: 47.947 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

Tgt Ion:	98	Resp:	380543
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



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





#51

4-Methyl-2-Pentanone

Concen: 1.057 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.11 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

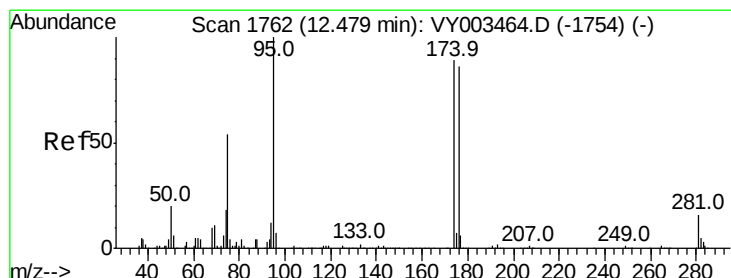
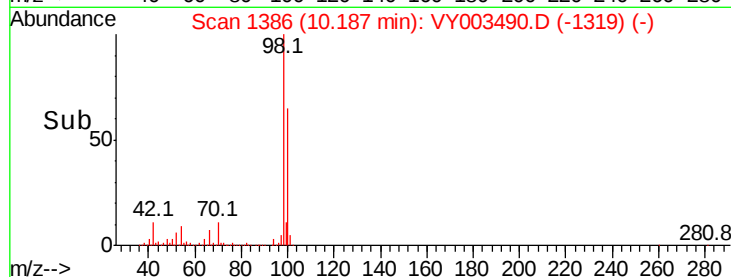
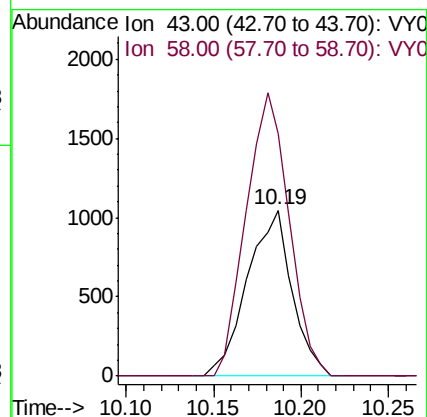
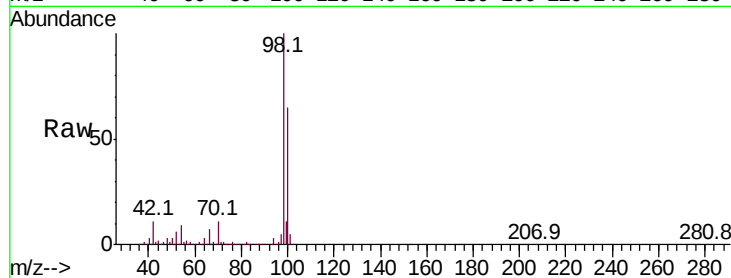
CRT-17

Tot Ion: 43 Resp: 1858

Ion Ratio Lower Upper

43 100

58 164.0 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 43.742 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

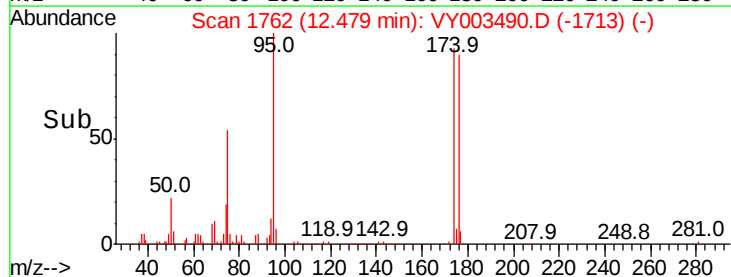
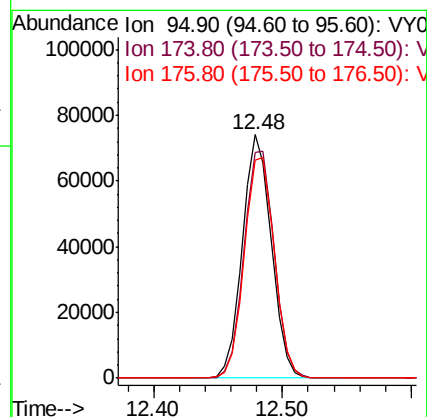
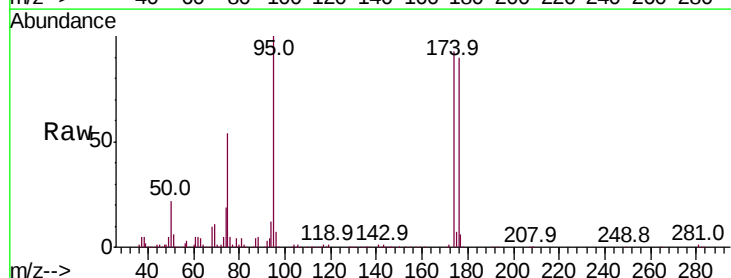
Tgt Ion: 95 Resp: 115027

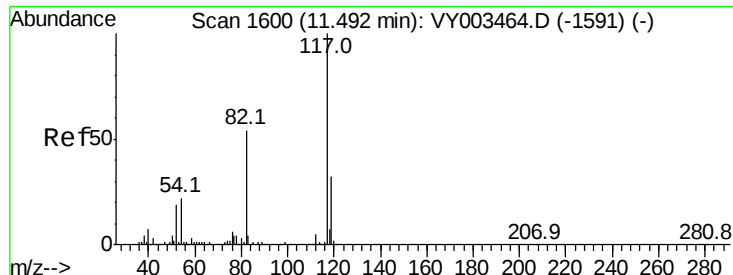
Ion Ratio Lower Upper

95 100

174 96.9 0.0 193.0

176 93.9 0.0 187.4

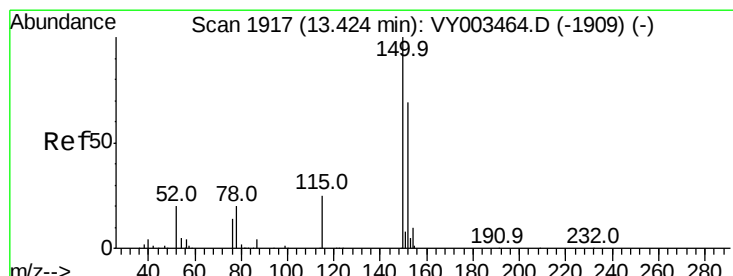
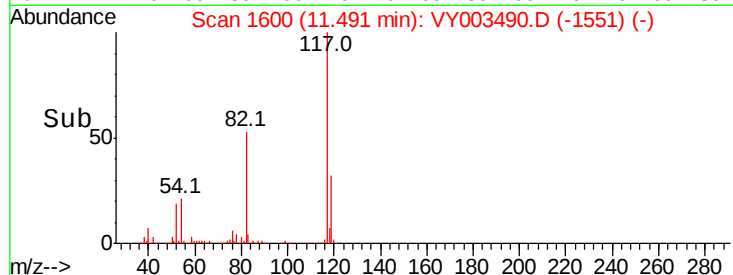
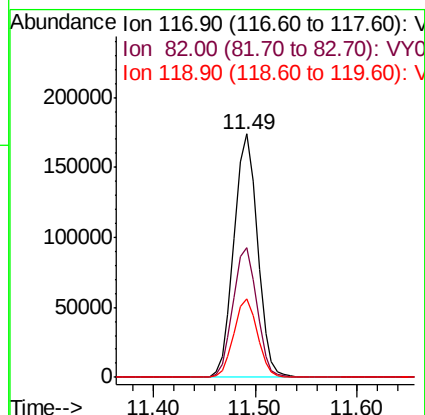
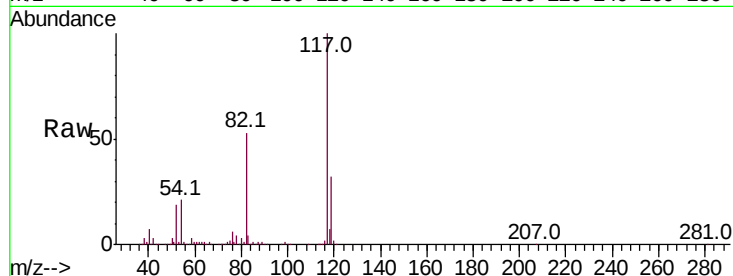




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

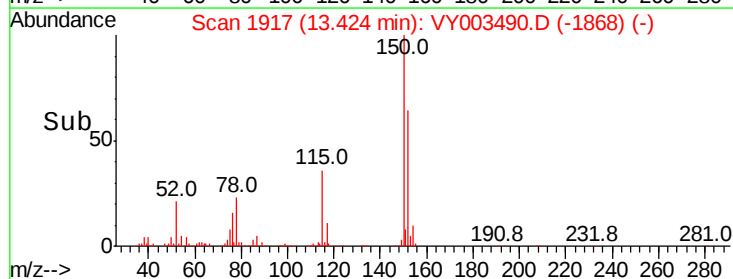
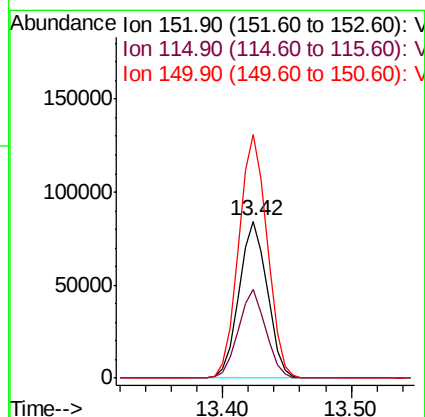
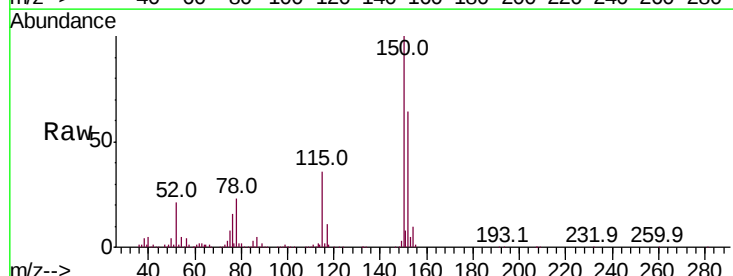
Instrument :
MSVOA_Y
ClientSampleId :
CRT-17

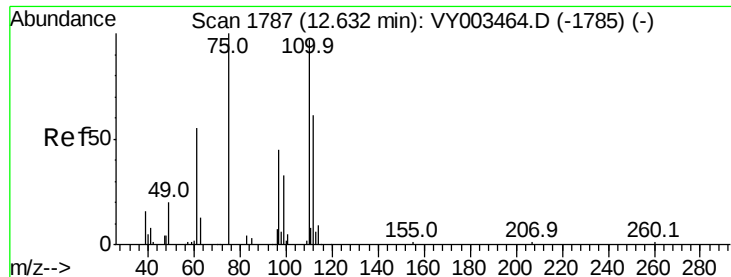
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.2
119	32.1	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003490.D
Acq: 03 Nov 2020 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.5	82.4
150	156.6	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 45.277 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

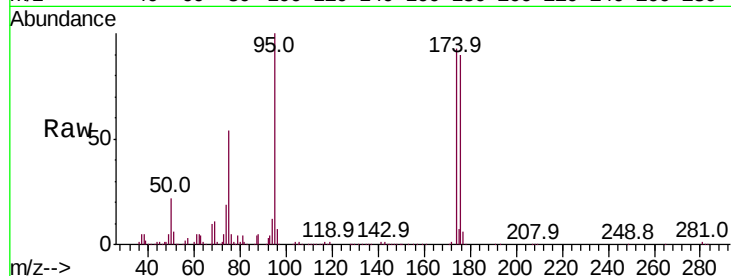
CRT-17

Tot Ion: 75 Resp: 61280

Ion Ratio Lower Upper

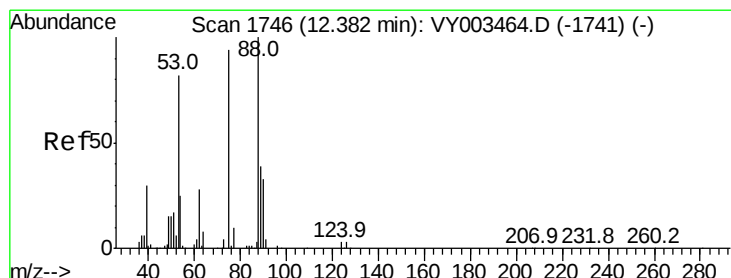
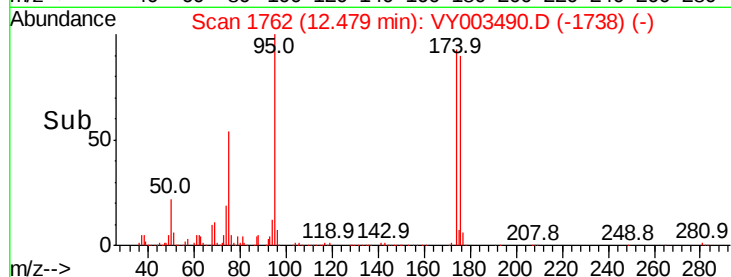
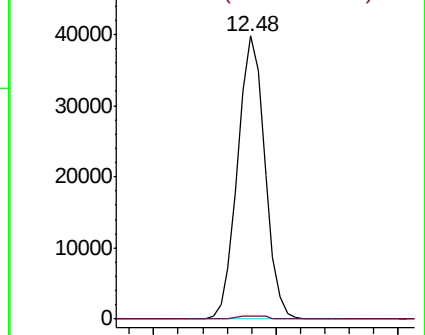
75 100

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: 94.500 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003490.D

Acq: 03 Nov 2020 14:24

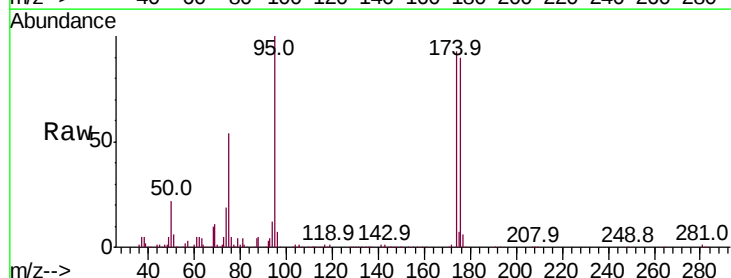
Tgt Ion: 75 Resp: 61280

Ion Ratio Lower Upper

75 100

53 0.2 74.7 112.1#

89 0.0 35.8 53.8#



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

