

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003493.D
 Acq On : 03 Nov 2020 15:32
 Operator : SY/MD
 Sample : L4600-13
 Misc : 6.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-6

Quant Time: Nov 04 00:24:15 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	144759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	256467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	220427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	99305	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	91768	61.84	ug/l	0.00
Spiked Amount			Recovery	=	123.68%	
35) Dibromofluoromethane	7.72	113	79456	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
50) Toluene-d8	10.18	98	306802	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.48	95	91092	42.35	ug/l	0.00
Spiked Amount			Recovery	=	84.70%	

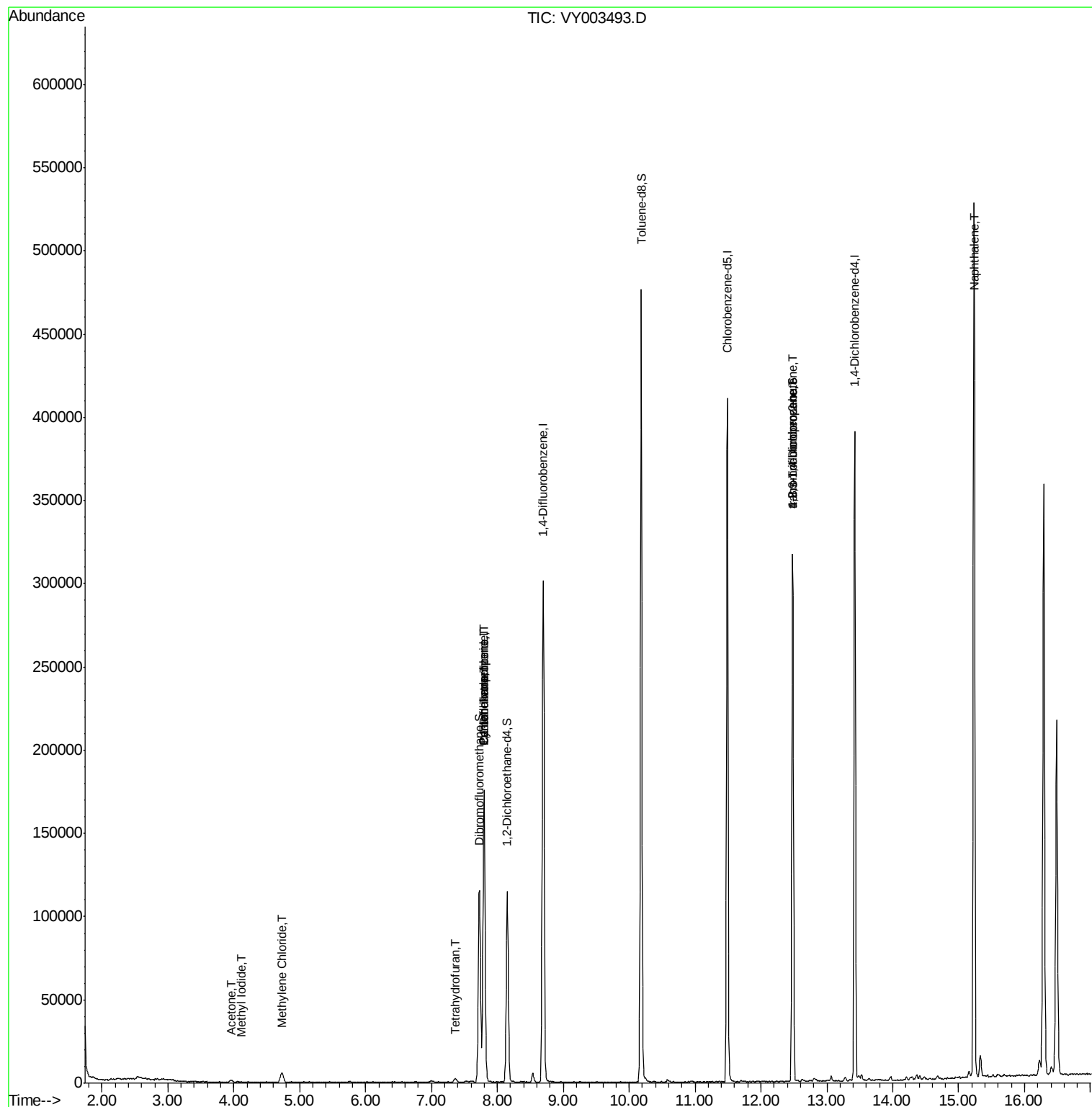
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	270	4.805	ug/l #	41
11) Tert butyl alcohol	5.00	59	45	Below Cal	#	73
16) Acetone	3.96	43	2191	4.475	ug/l	97
20) Methylene Chloride	4.72	84	4302	3.120	ug/l	86
29) Tetrahydrofuran	7.36	42	1859	5.810	ug/l	94
31) Cyclohexane	7.80	56	2676	1.203	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10045	4.154	ug/l #	49
38) Carbon Tetrachloride	7.79	117	12891	5.139	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	48319	45.987	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	48319	95.982	ug/l #	12
95) Naphthalene	15.23	128	417179	107.985	ug/l	99

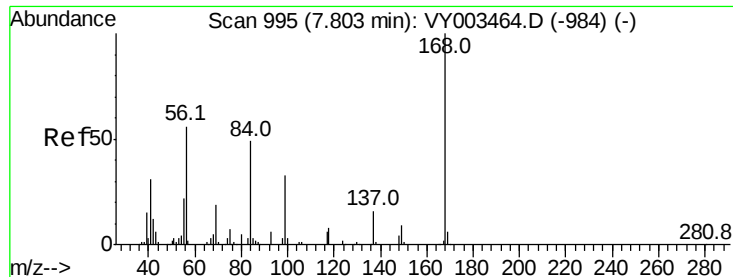
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

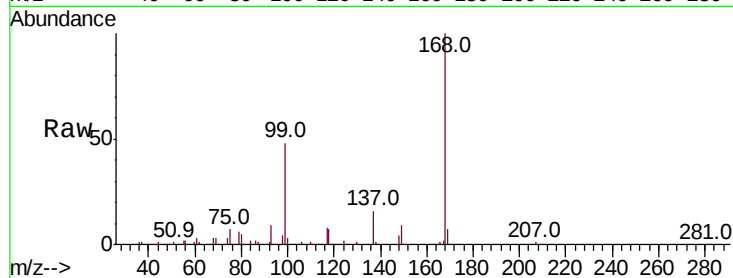
CRT-6

Tot Ion:168 Resp: 144759

Ion Ratio Lower Upper

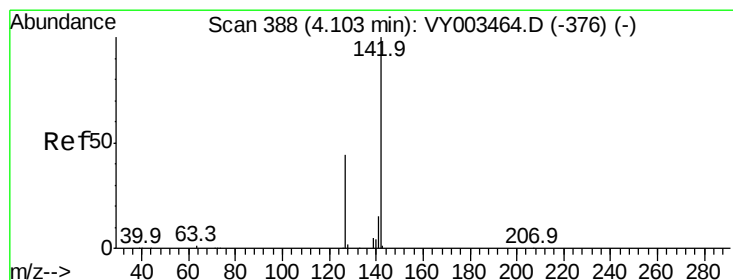
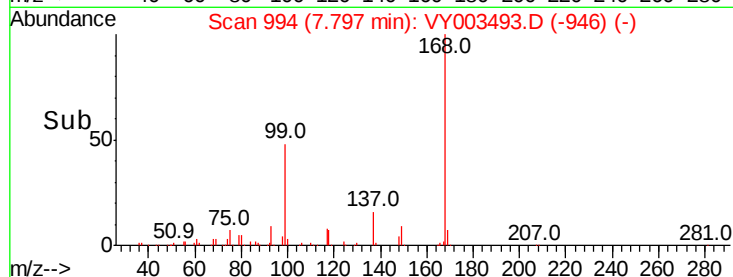
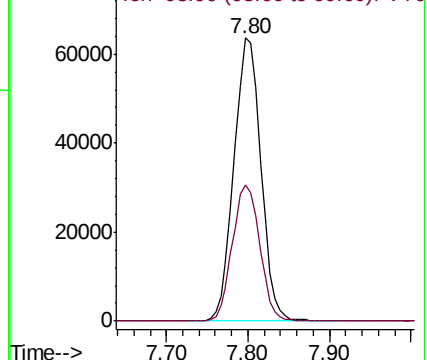
168 100

99 48.2 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: 4.805 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

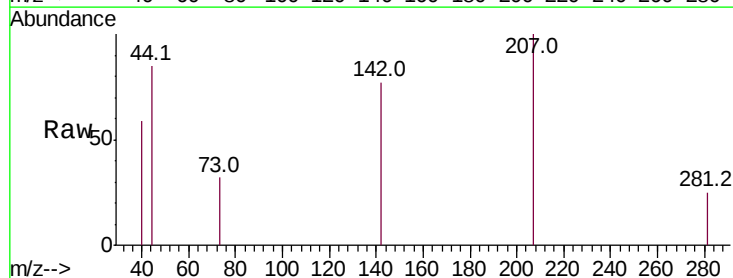
Tgt Ion:142 Resp: 270

Ion Ratio Lower Upper

142 100

127 0.0 34.5 51.7#

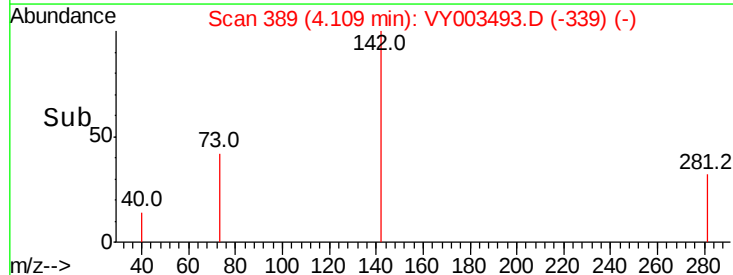
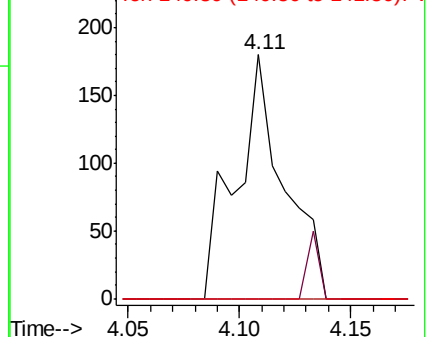
141 0.0 11.8 17.8#

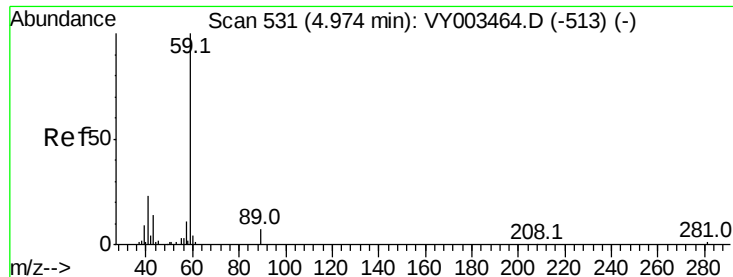


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



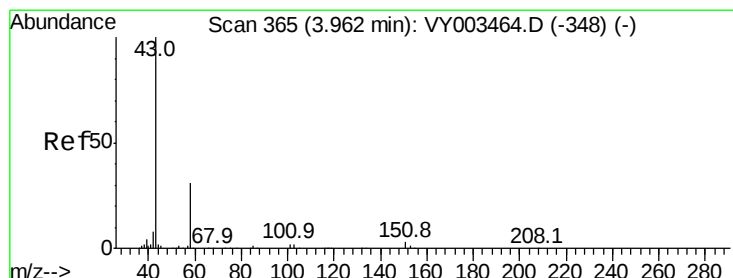
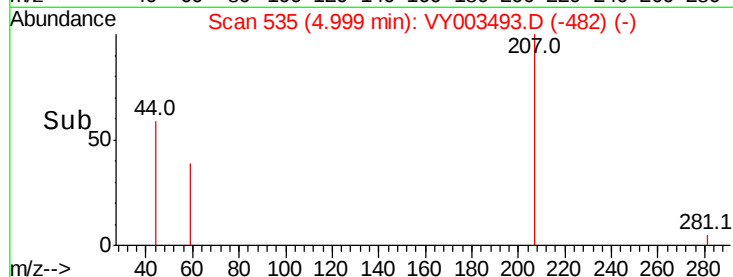
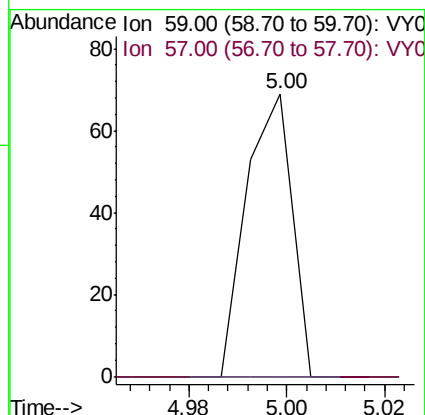
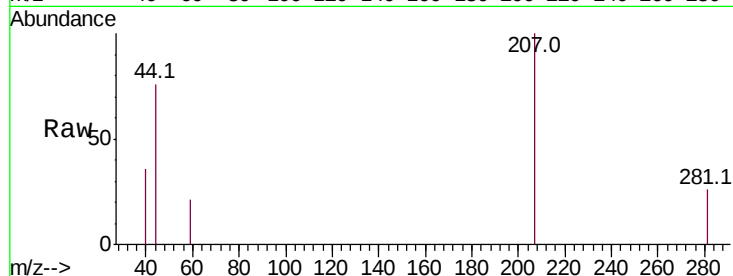


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.00 min Scan# 535
 Delta R.T. 0.02 min
 Lab File: VY003493.D
 Acq: 03 Nov 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-6

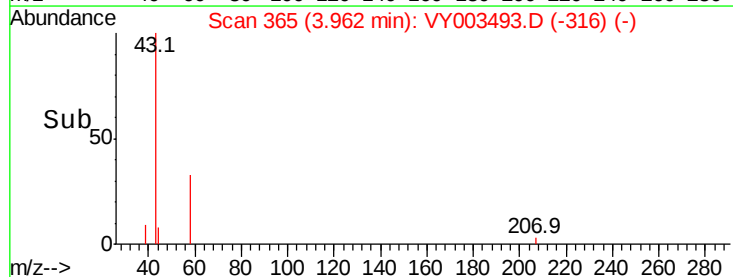
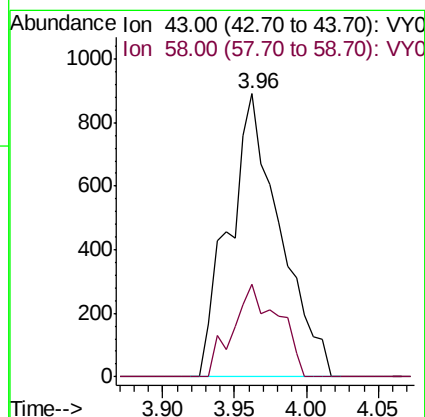
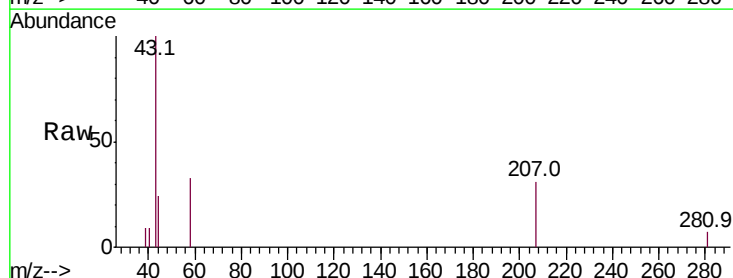
Tot Ion: 59 Resp: 45
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

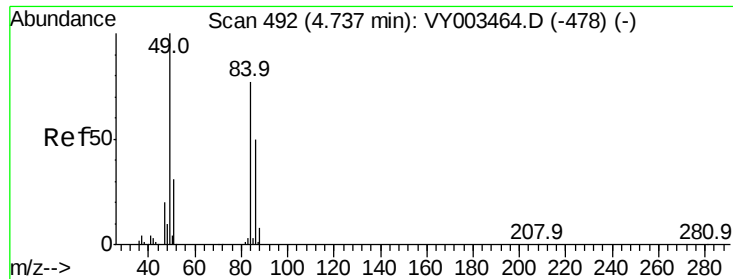


#16

Acetone
 Concen: 4.475 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VY003493.D
 Acq: 03 Nov 2020 15:32

Tgt Ion: 43 Resp: 2191
 Ion Ratio Lower Upper
 43 100
 58 32.9 25.0 37.4

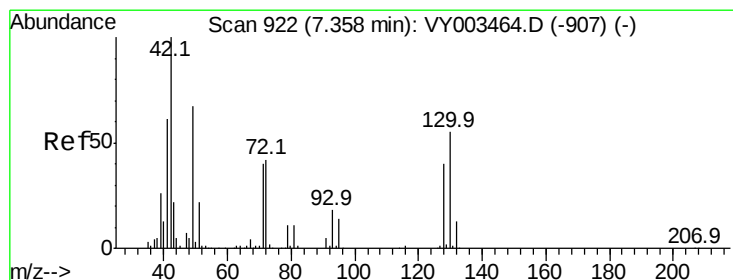
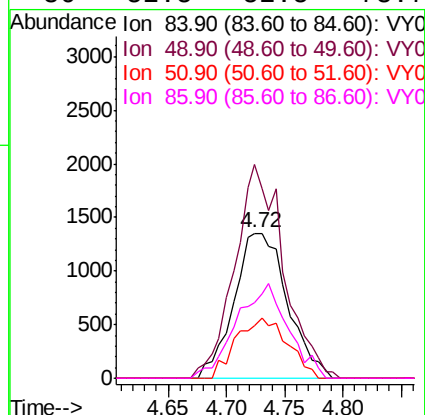
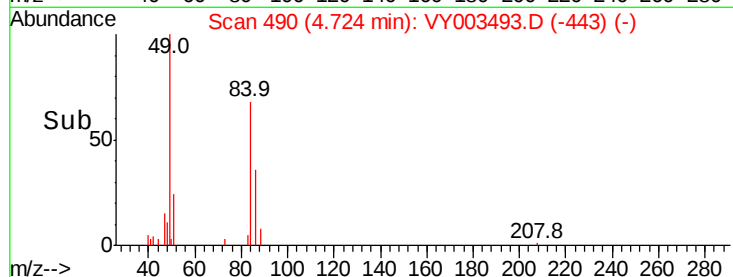
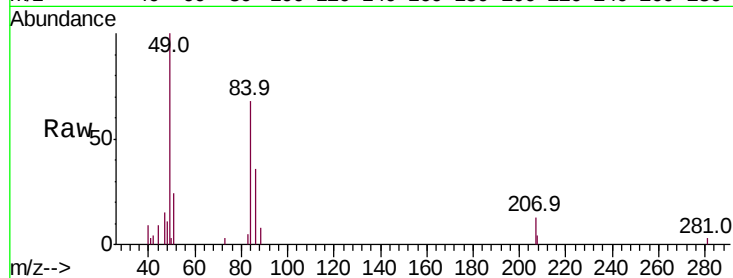




#20
Methvlene Chloride
Concen: 3.120 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

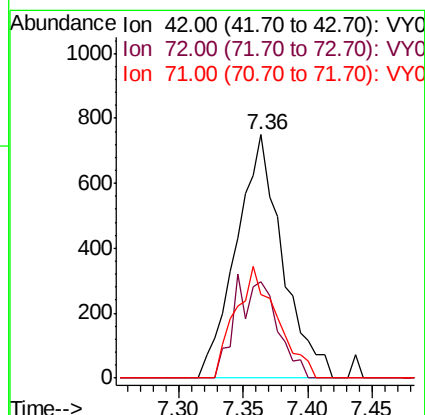
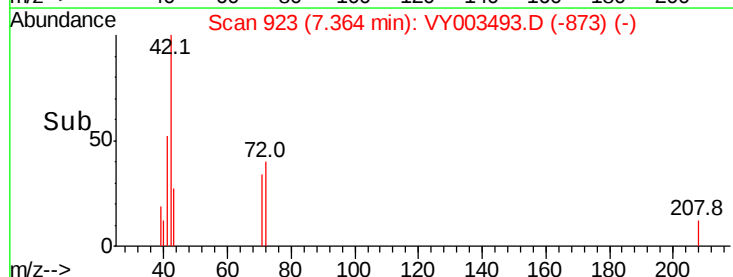
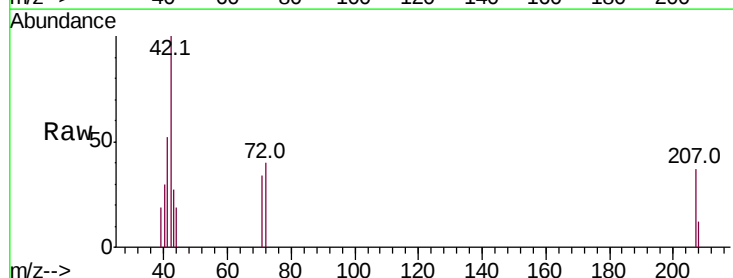
Instrument :
MSVOA_Y
ClientSampleId :
CRT-6

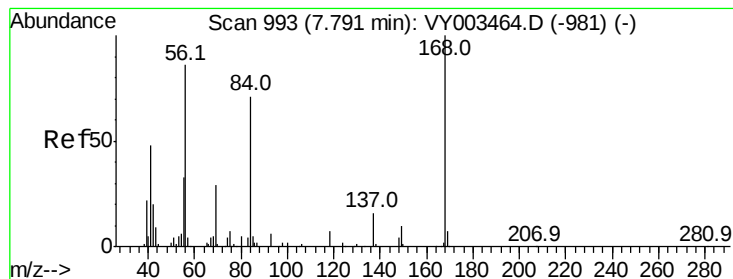
Tot Ion:	84	Resp:	4302
Ion	Ratio	Lower	Upper
84	100		
49	147.6	104.3	156.5
51	36.1	32.5	48.7
86	52.5	52.5	78.7



#29
Tetrahydrofuran
Concen: 5.810 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

Tgt Ion:	42	Resp:	1859
Ion	Ratio	Lower	Upper
42	100		
72	37.0	32.8	49.2
71	41.4	30.7	46.1





#31

Cyclohexane

Concen: 1.203 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

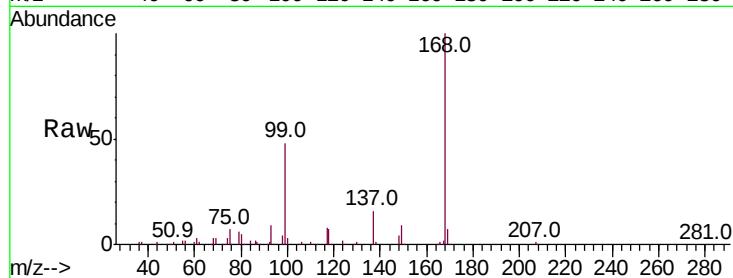
Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

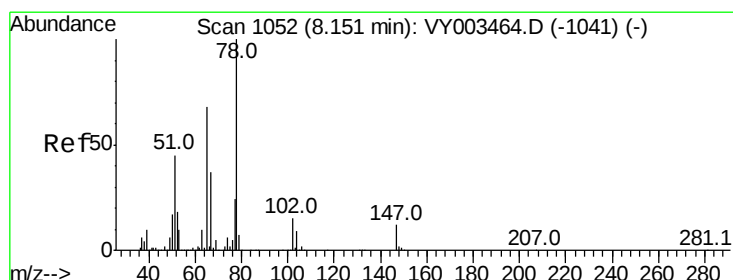
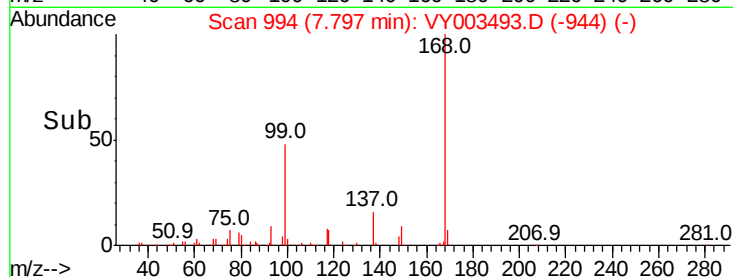
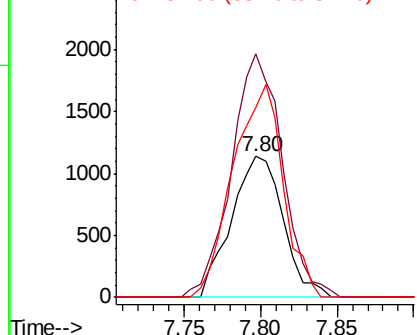
Instrument :
MSVOA_Y
ClientSampleId :
CRT-6

Tot Ion: 56 Resp: 2676

Ion	Ratio	Lower	Upper
56	100		
69	172.9	26.6	39.8#
84	135.3	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: 61.836 ug/l

RT: 8.15 min Scan# 1052

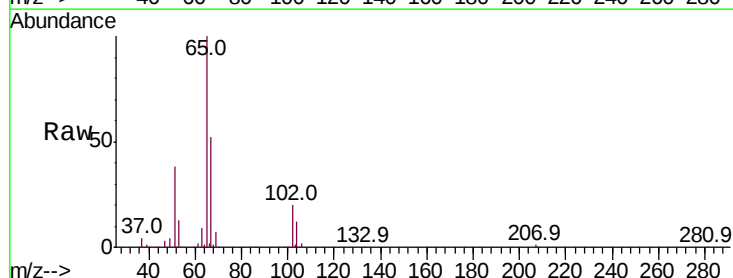
Delta R.T. -0.00 min

Lab File: VY003493.D

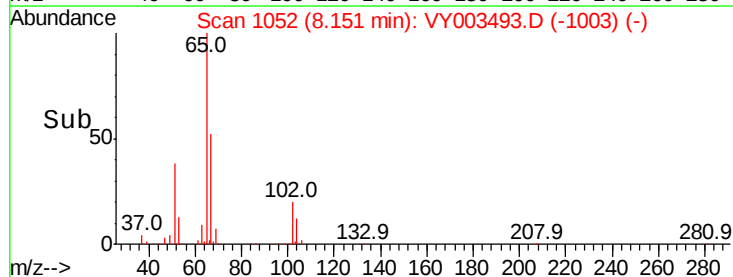
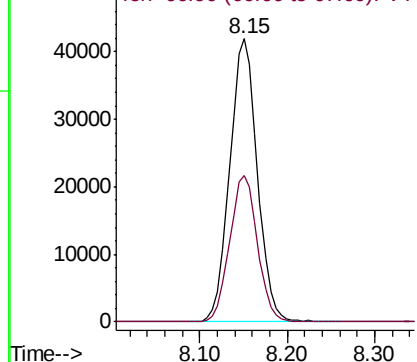
Acq: 03 Nov 2020 15:32

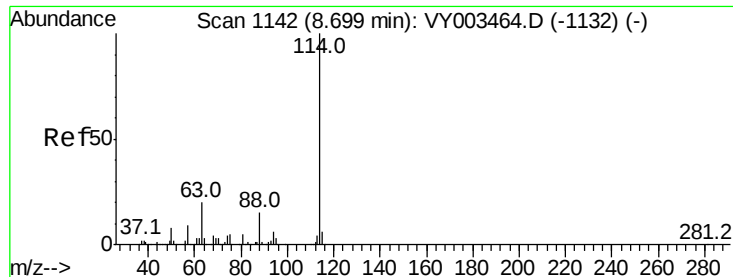
Tgt Ion: 65 Resp: 91768

Ion	Ratio	Lower	Upper
65	100		
67	52.2	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: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

CRT-6

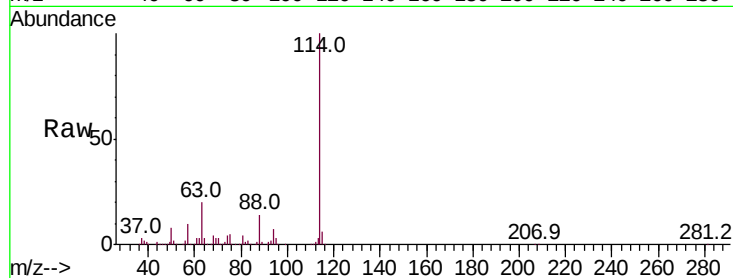
Tot Ion:114 Resp: 256467

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

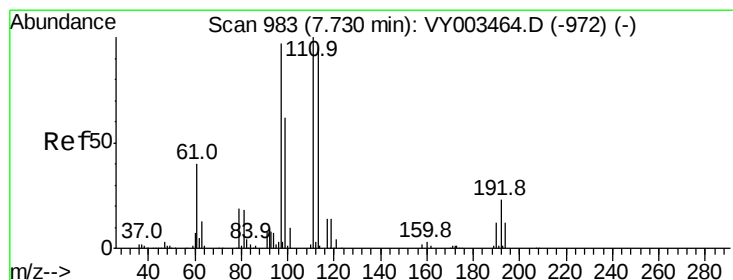
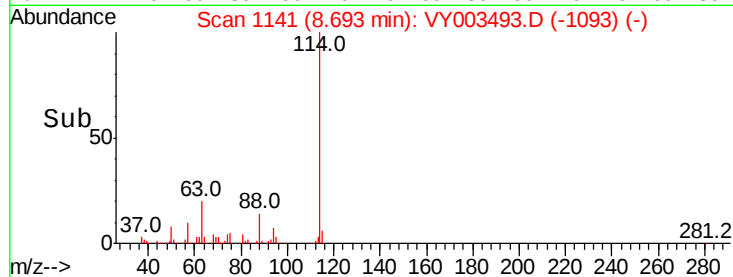
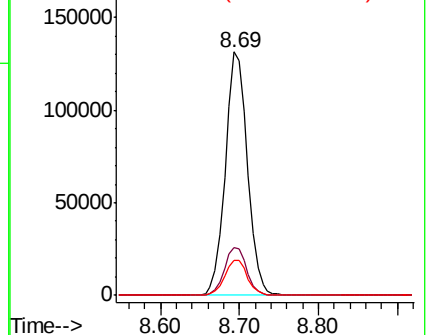
88 14.4 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.912 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

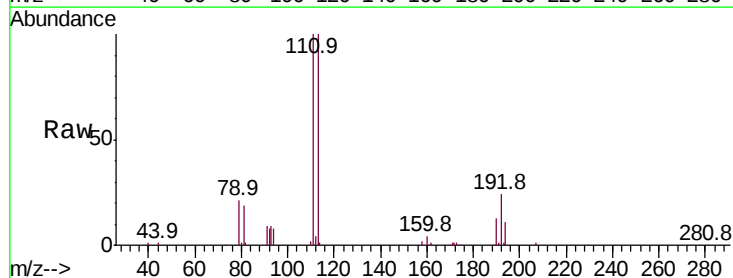
Tgt Ion:113 Resp: 79456

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

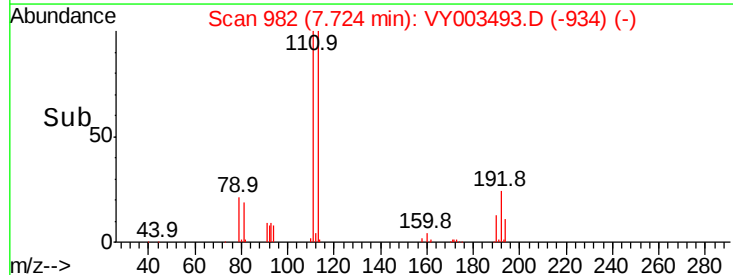
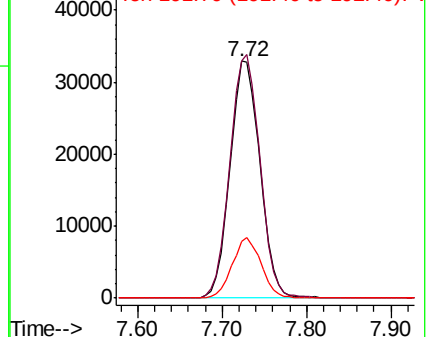
192 24.4 18.8 28.2

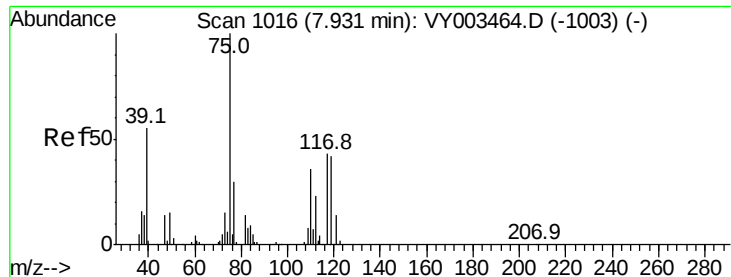


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

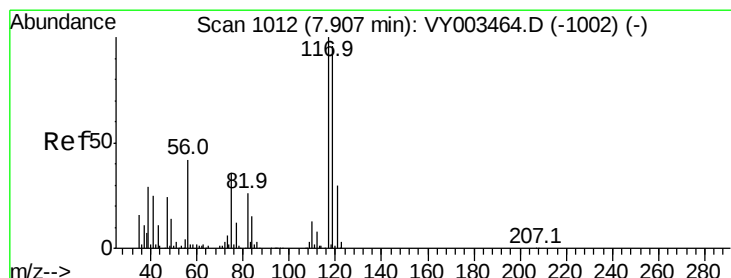
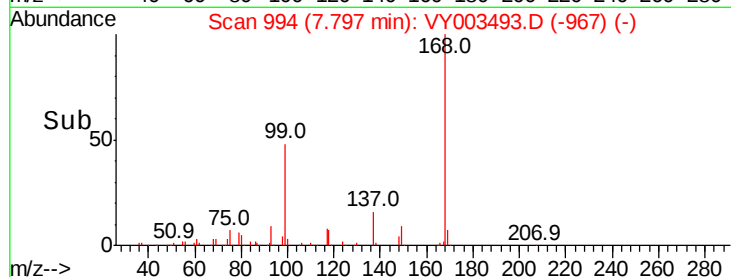
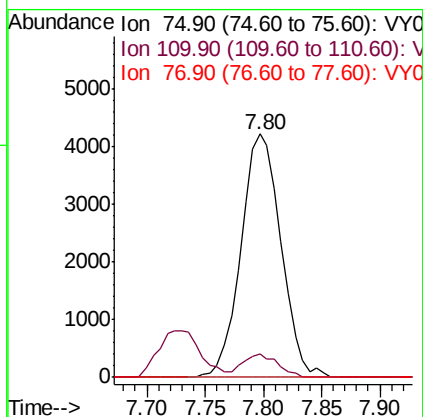
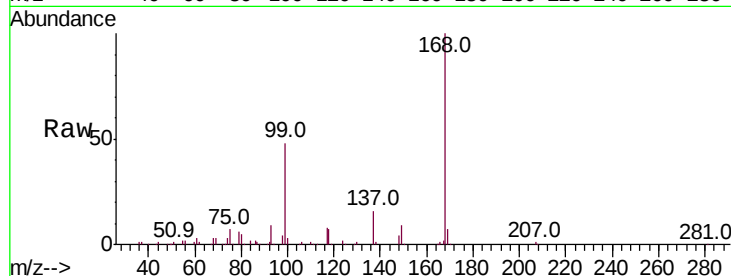




#36
 1,1-Dichloropropene
 Concen: 4.154 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003493.D
 Acq: 03 Nov 2020 15:32

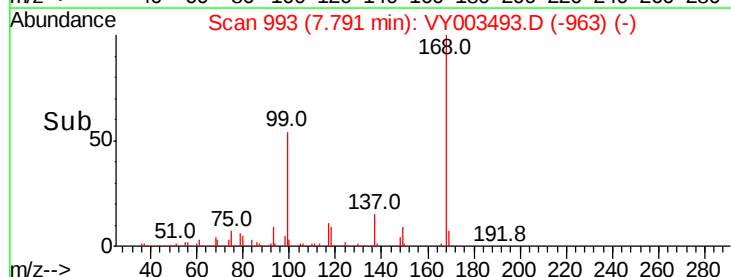
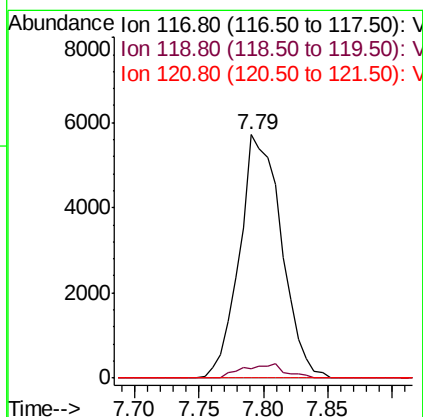
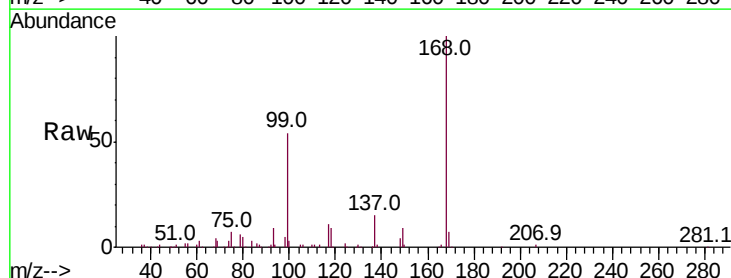
Instrument :
 MSVOA_Y
 ClientSampled :
 CRT-6

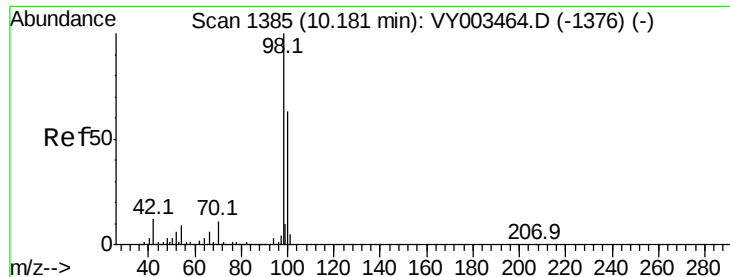
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.6	52.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.139 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003493.D
 Acq: 03 Nov 2020 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.2	114.4#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 47.255 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

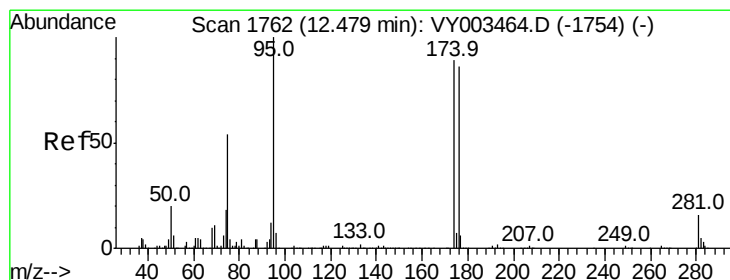
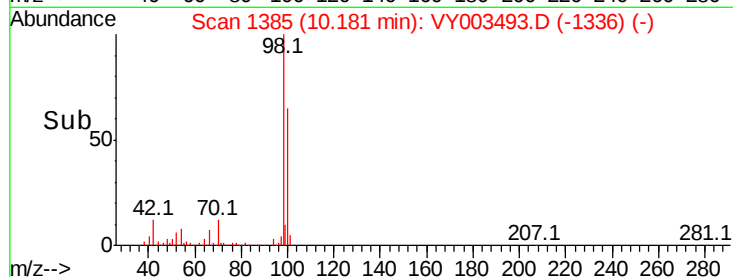
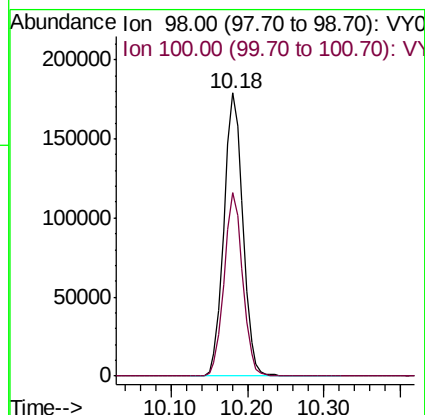
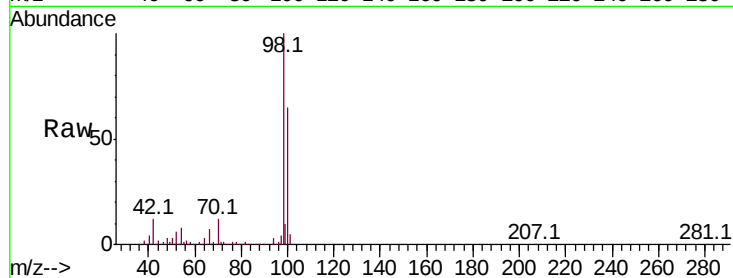
CRT-6

Tot Ion: 98 Resp: 306802

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 42.346 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

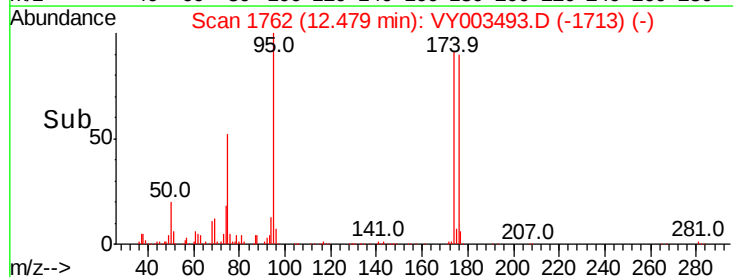
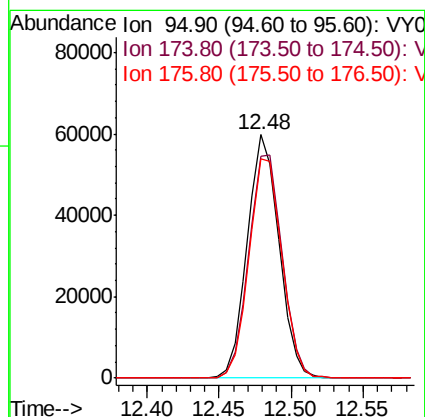
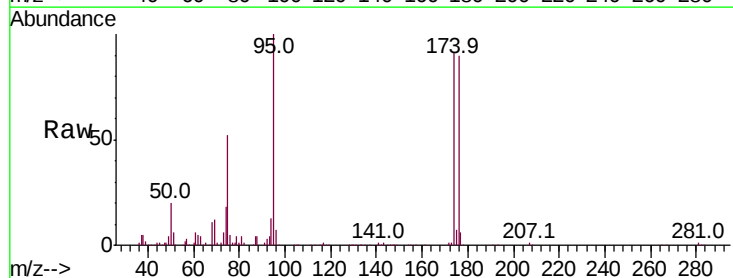
Tgt Ion: 95 Resp: 91092

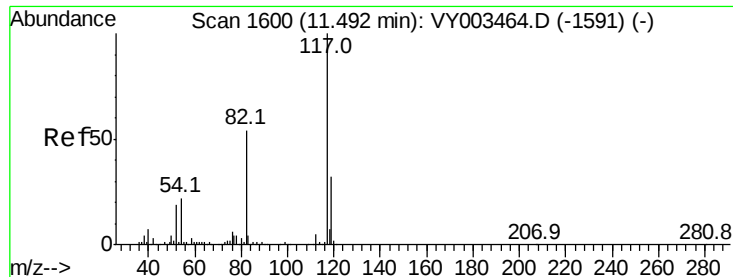
Ion Ratio Lower Upper

95 100

174 96.2 0.0 193.0

176 93.5 0.0 187.4

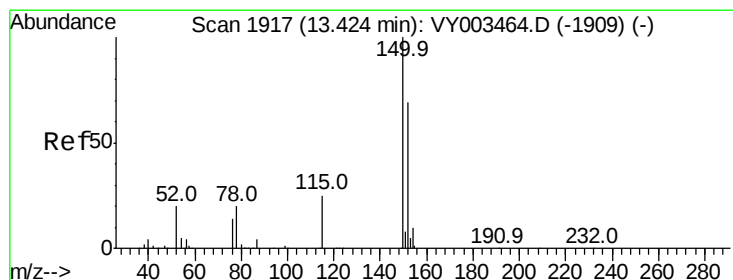
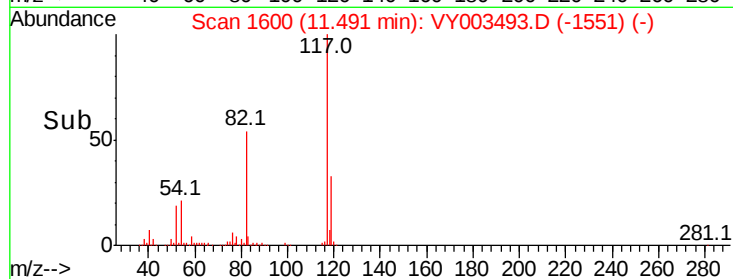
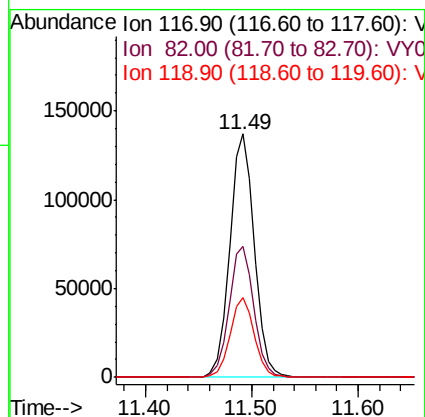
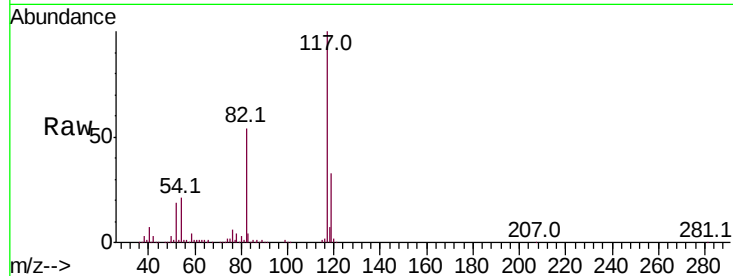




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

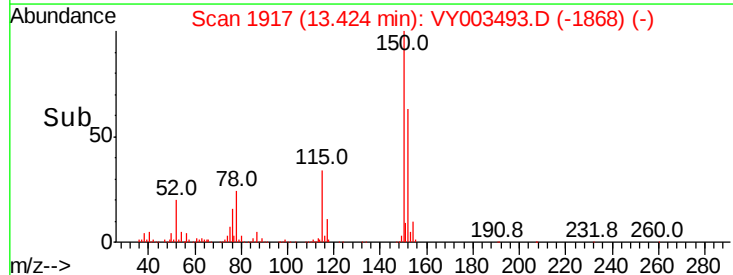
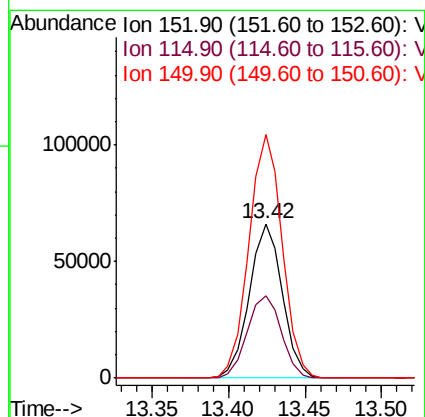
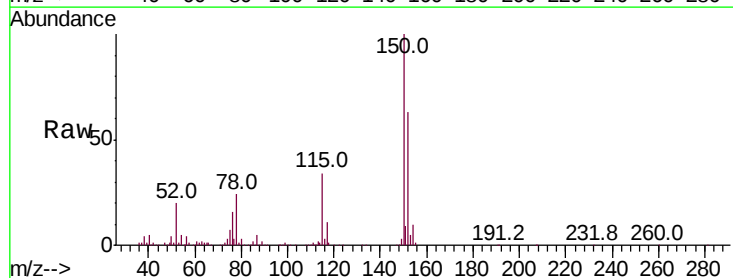
Instrument :
MSVOA_Y
ClientSampleId :
CRT-6

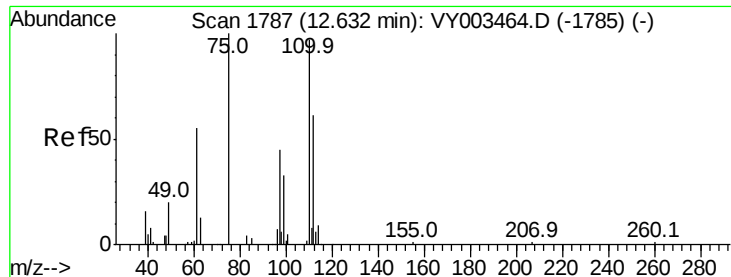
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.4	65.2
119	32.6	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.5	82.4
150	158.9	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 45.987 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

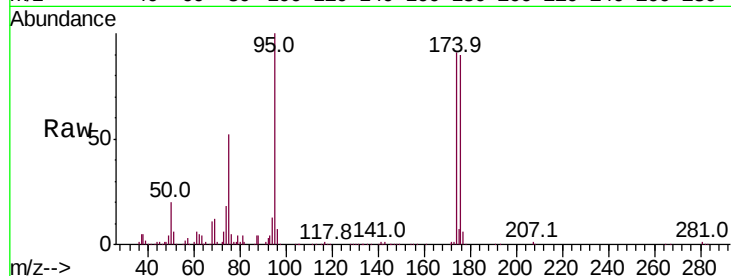
CRT-6

Tot Ion: 75 Resp: 48319

Ion Ratio Lower Upper

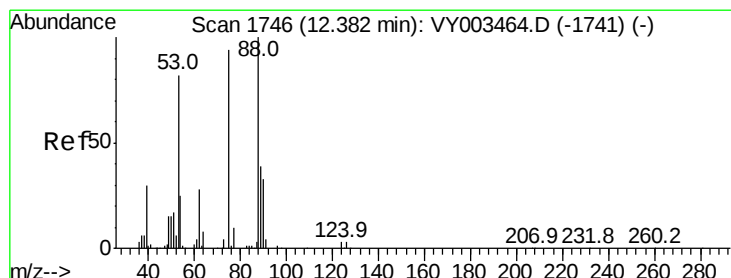
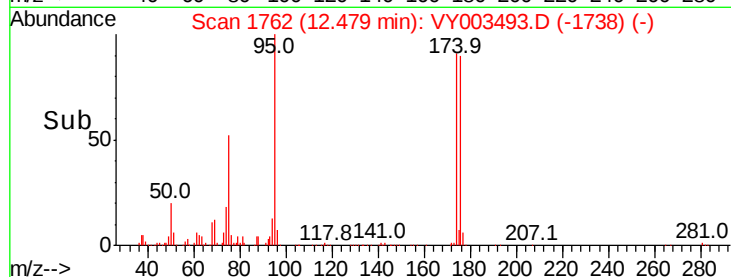
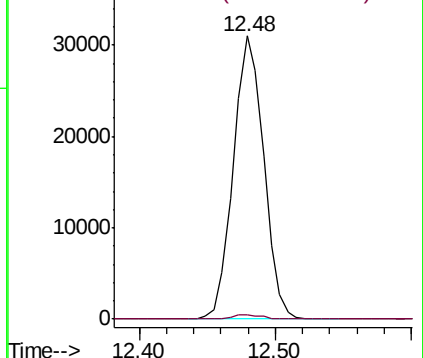
75 100

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: 95.982 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

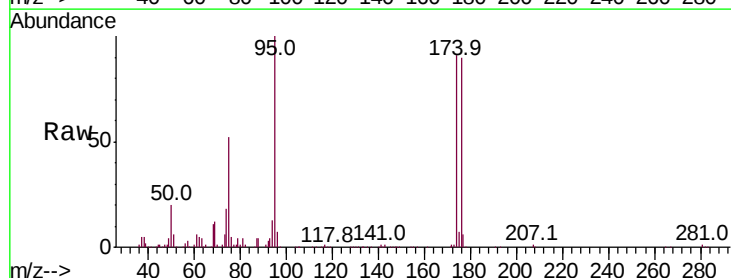
Tgt Ion: 75 Resp: 48319

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

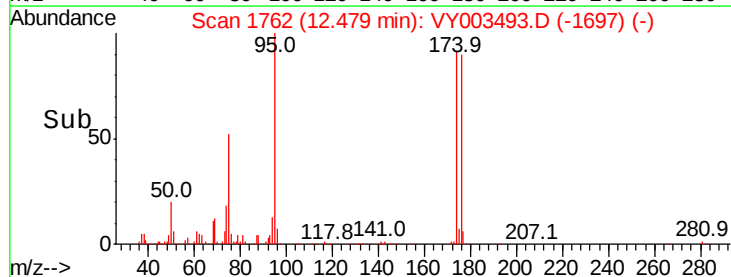
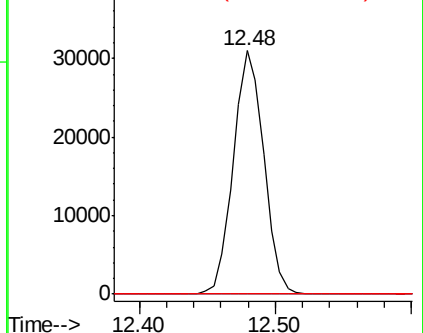
89 0.0 35.8 53.8#

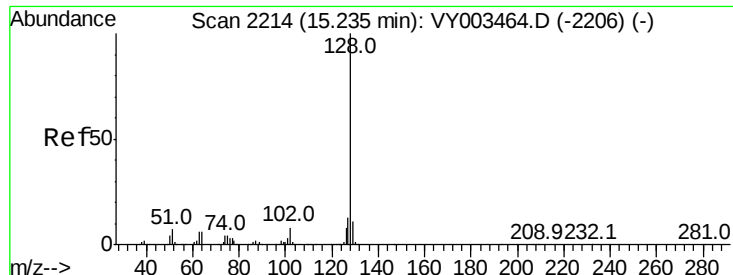


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#95
Naphthalene
Concen: 107.985 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.0	8.6	13.0

