

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
 Data File : VY001765.D
 Acq On : 24 Feb 2020 12:11
 Operator : SY/MD
 Sample : L1623-09RE
 Misc : 8.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB9-13.5-14

Quant Time: Feb 24 13:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	163505	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	309366	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	278877	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	124489	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	104304	59.31	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	118.62%	
35) Dibromofluoromethane	7.73	113	91122	51.43	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.19	98	371986	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.49	95	129733	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

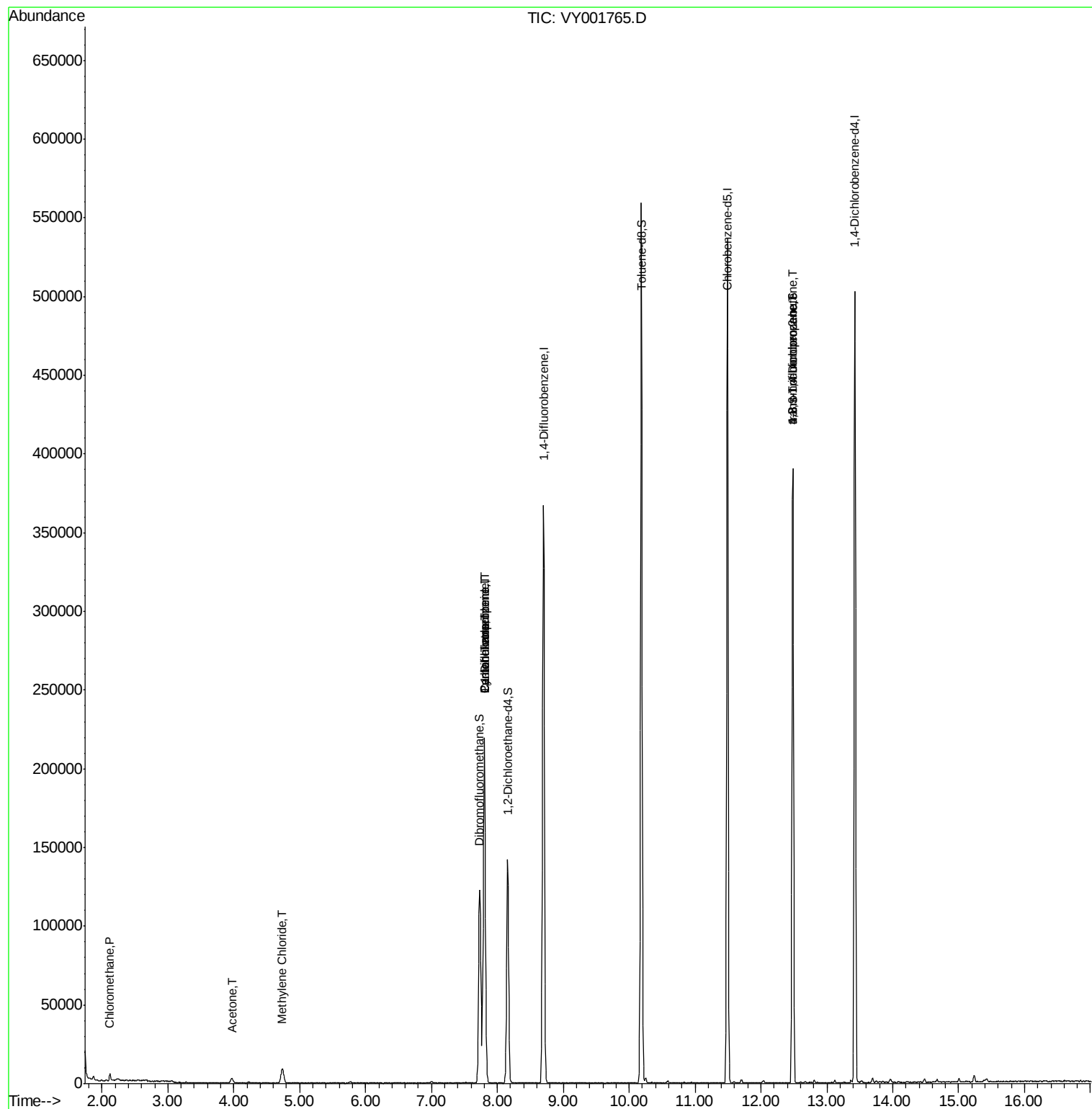
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	3677	1.72	ug/l	94
11) Tert butyl alcohol	4.97	59	106	Below Cal	#	74
16) Acetone	3.97	43	5706	9.38	ug/l	89
20) Methylene Chloride	4.73	84	6883	3.18	ug/l	94
31) Cyclohexane	7.80	56	3797	1.03	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	13680	4.63	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	16912	6.52	ug/l	# 15
76) 1,2,3-Trichloropropane	12.48	75	66553	46.60	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	66553	88.42	ug/l	# 17

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

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001765.D

Acq: 24 Feb 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

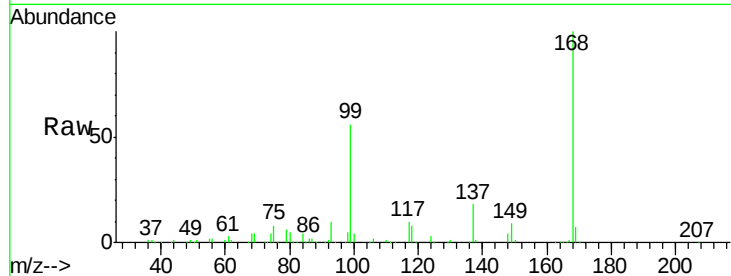
SB9-13.5-14

Tgt Ion:168 Resp: 163505

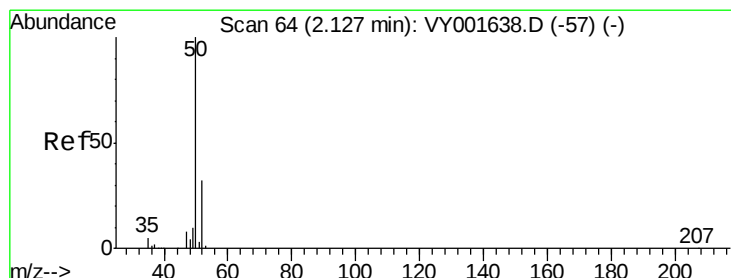
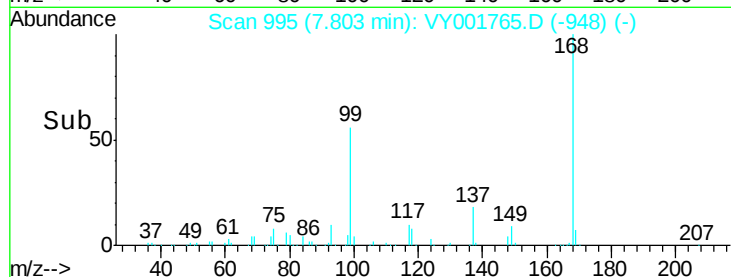
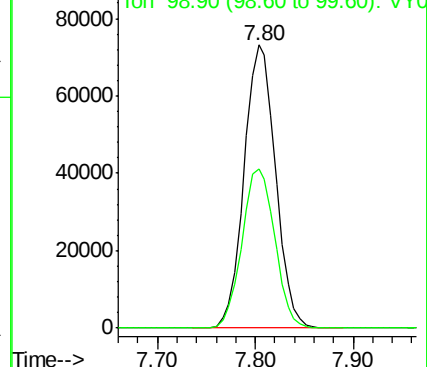
Ion Ratio Lower Upper

168 100

99 56.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001765.D (-15) (-)



#3

Chloromethane

Concen: 1.72 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001765.D

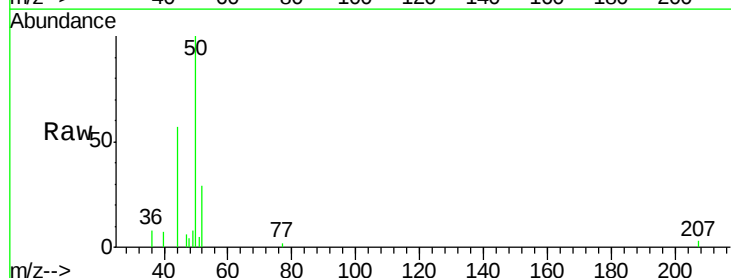
Acq: 24 Feb 2020 12:11

Tgt Ion: 50 Resp: 3677

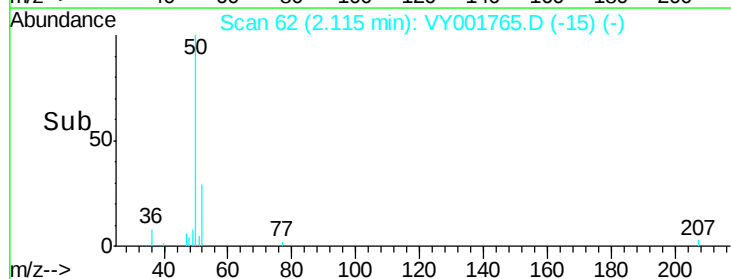
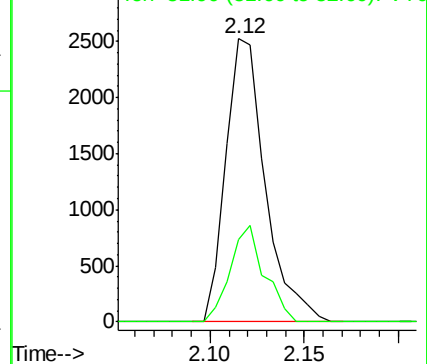
Ion Ratio Lower Upper

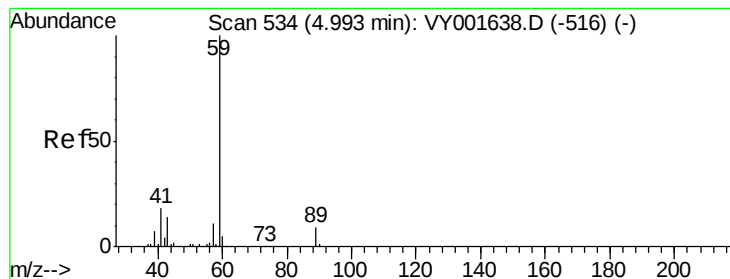
50 100

52 29.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001765.D (-15) (-)



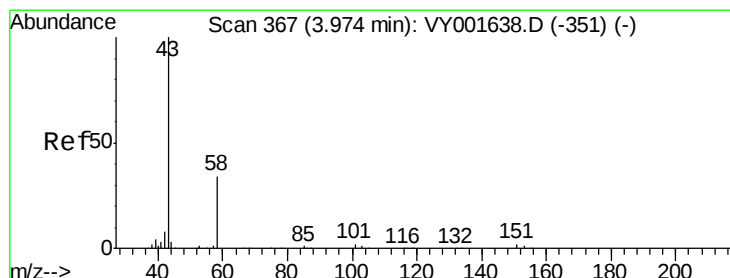
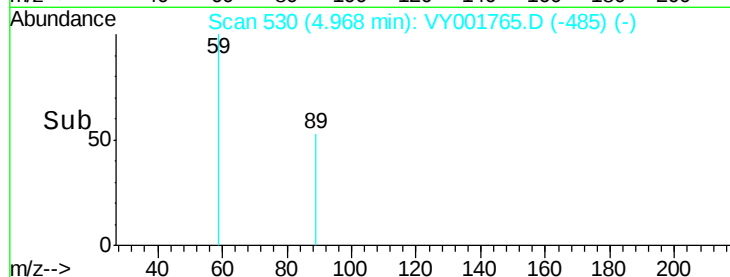
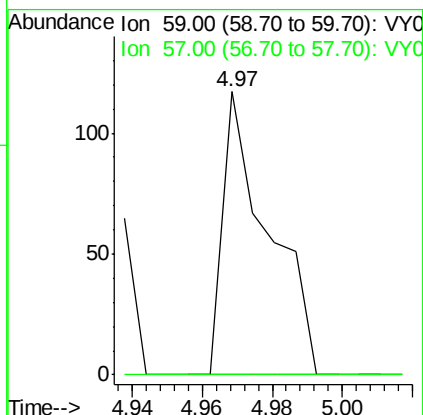
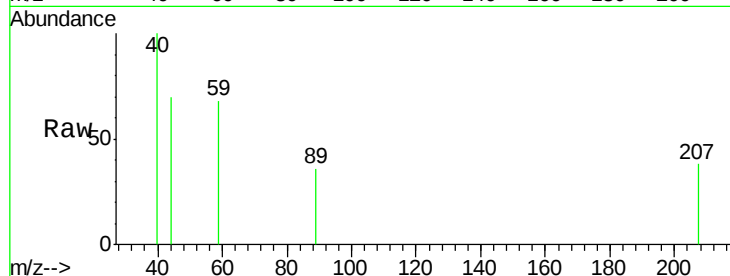


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY001765.D
 Acq: 24 Feb 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB9-13.5-14

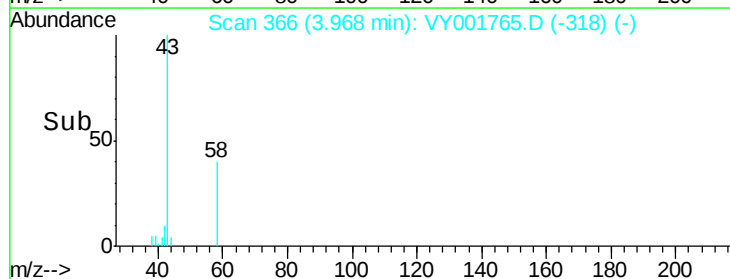
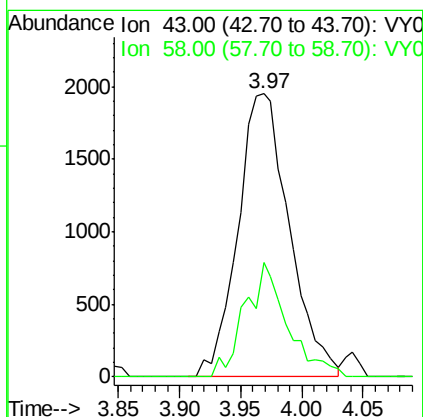
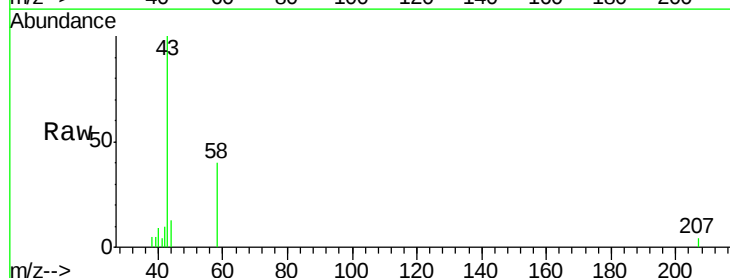
Tgt Ion: 59 Resp: 106
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

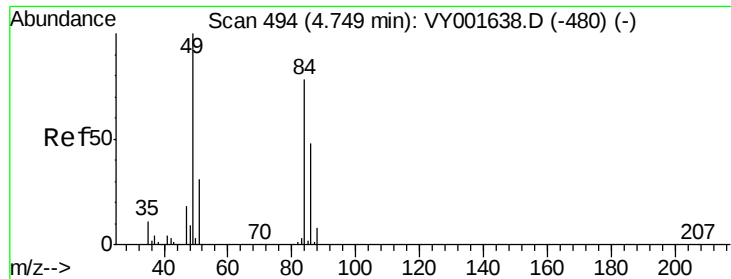


#16

Acetone
 Concen: 9.38 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY001765.D
 Acq: 24 Feb 2020 12:11

Tgt Ion: 43 Resp: 5706
 Ion Ratio Lower Upper
 43 100
 58 40.4 27.3 40.9

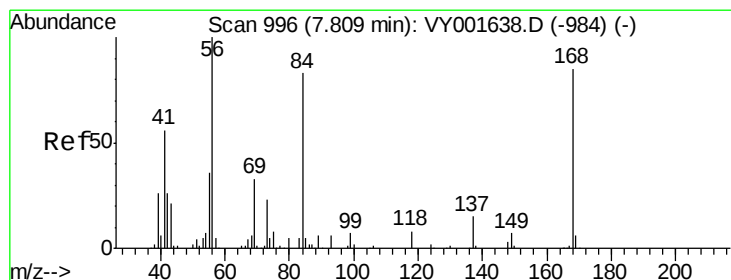
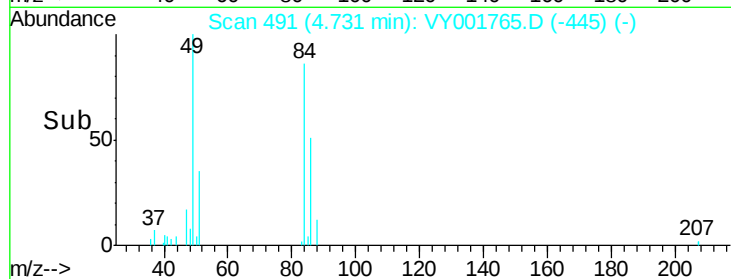
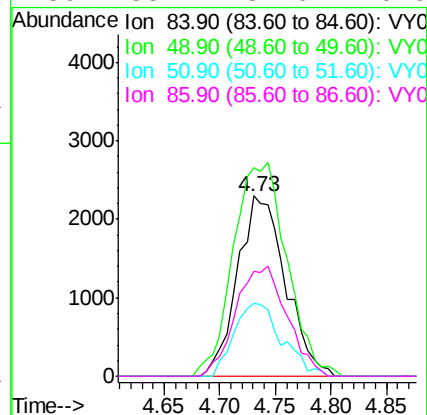
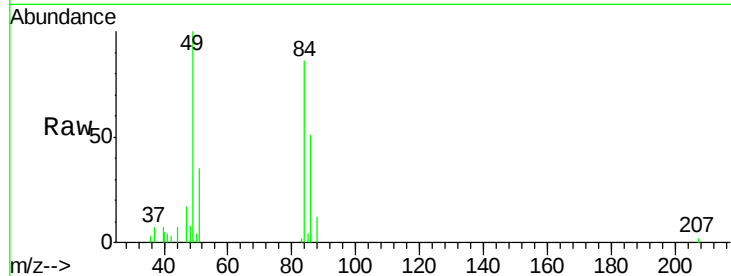




#20
Methylene Chloride
Concen: 3.18 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001765.D
Acq: 24 Feb 2020 12:11

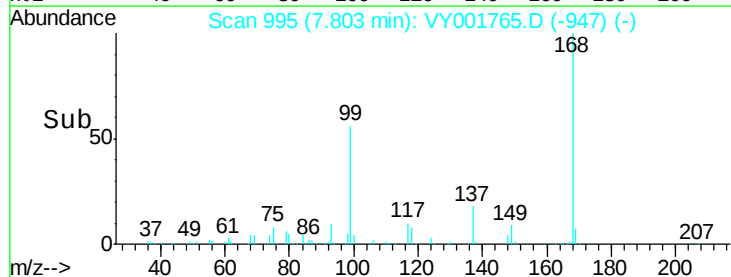
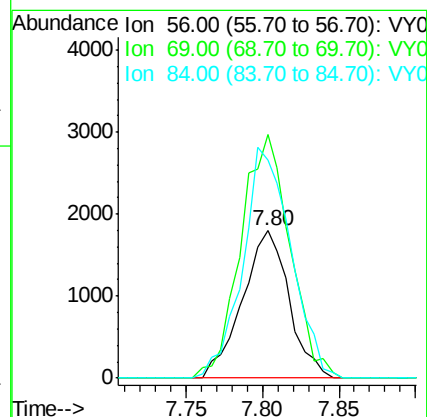
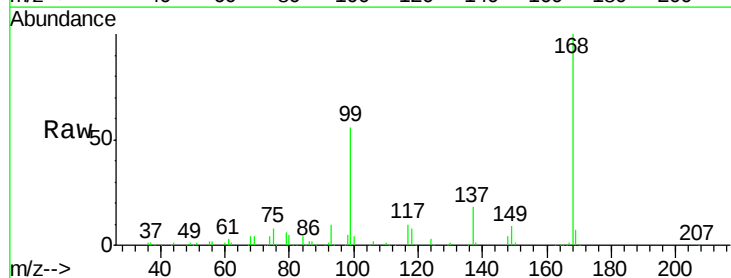
Instrument :
MSVOA_Y
ClientSampleId :
SB9-13.5-14

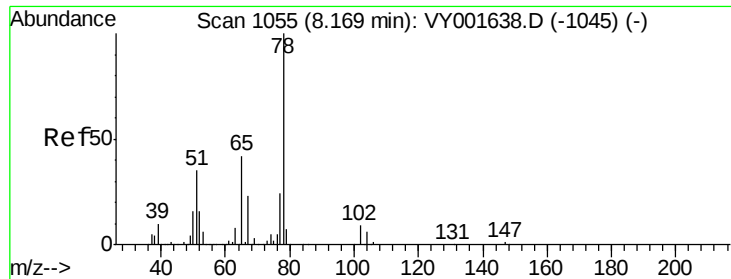
Tgt Ion:	84	Resp:	6883
Ion	Ratio	Lower	Upper
84	100		
49	116.0	99.2	148.8
51	40.5	31.5	47.3
86	58.7	51.0	76.6



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001765.D
Acq: 24 Feb 2020 12:11

Tgt Ion:	56	Resp:	3797
Ion	Ratio	Lower	Upper
56	100		
69	165.6	25.1	37.7#
84	148.7	66.9	100.3#

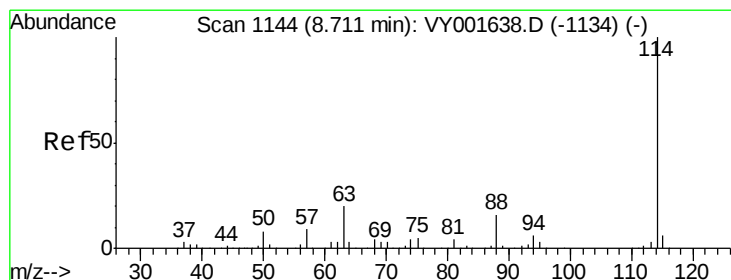
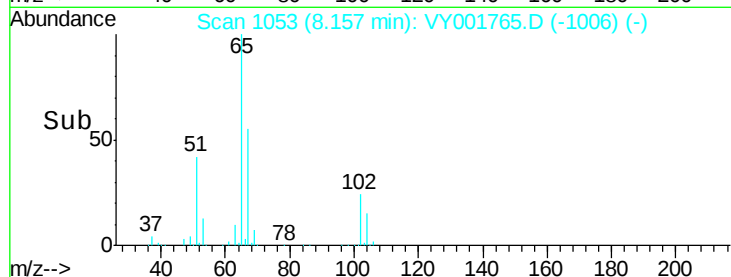
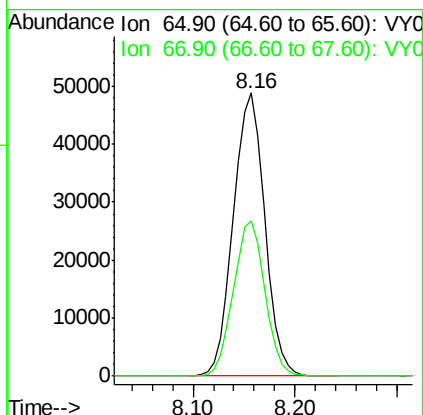
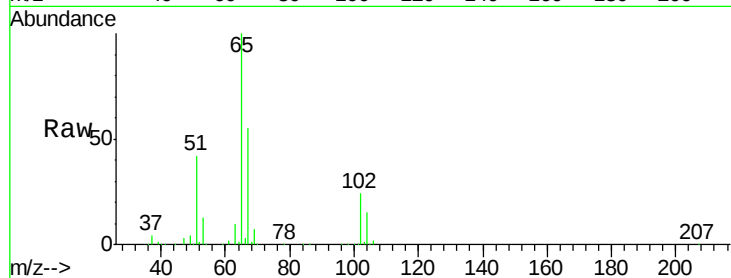




#33
 1,2-Dichloroethane-d4
 Concen: 59.31 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001765.D
 Acq: 24 Feb 2020 12:11

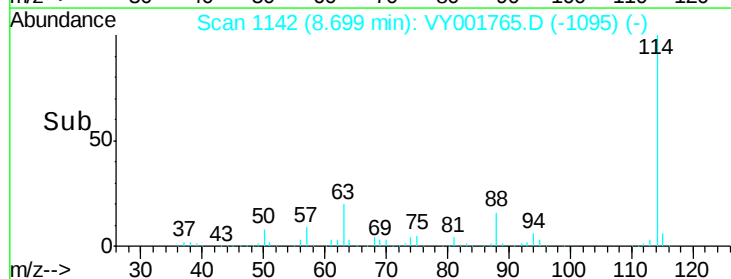
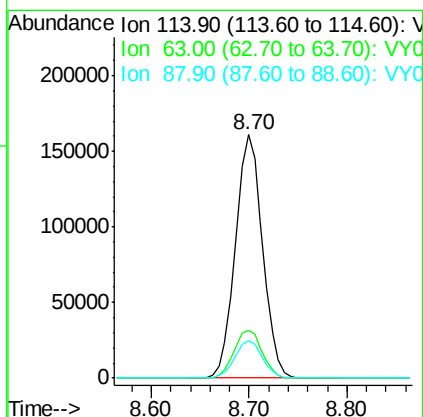
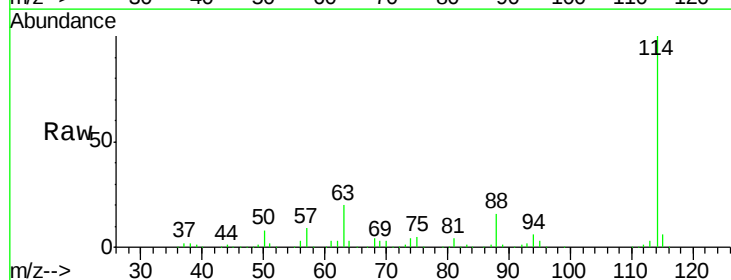
Instrument :
 MSVOA_Y
 ClientSampled :
 SB9-13.5-14

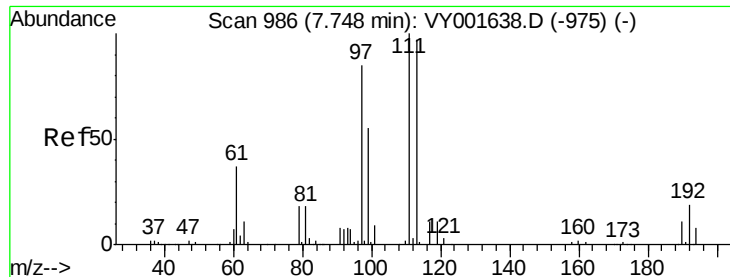
Tgt Ion: 65 Resp: 104304
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001765.D
 Acq: 24 Feb 2020 12:11

Tgt Ion: 114 Resp: 309366
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.6 0.0 32.8

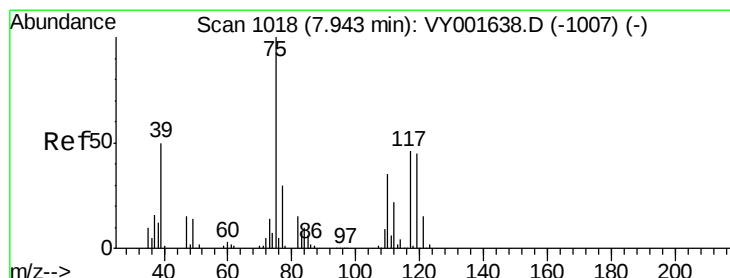
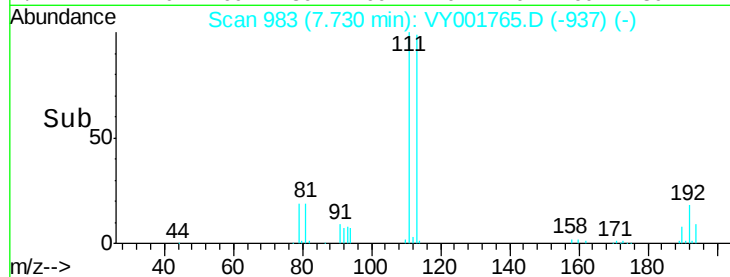
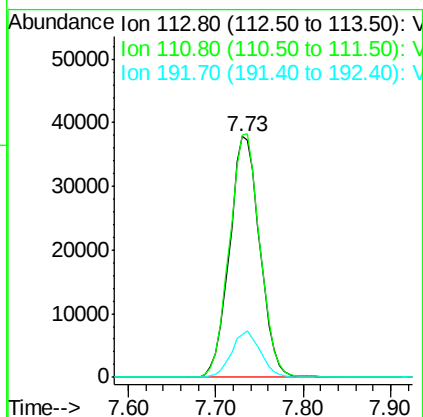
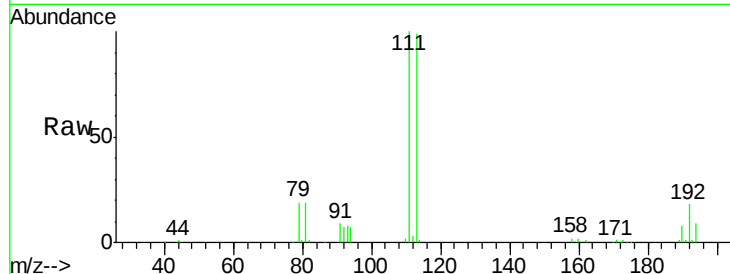




#35
 Dibromofluoromethane
 Concen: 51.43 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001765.D
 Acq: 24 Feb 2020 12:11

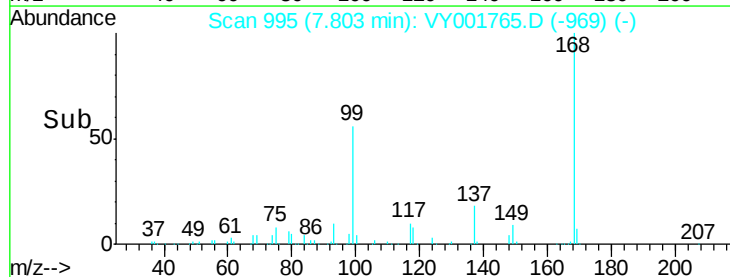
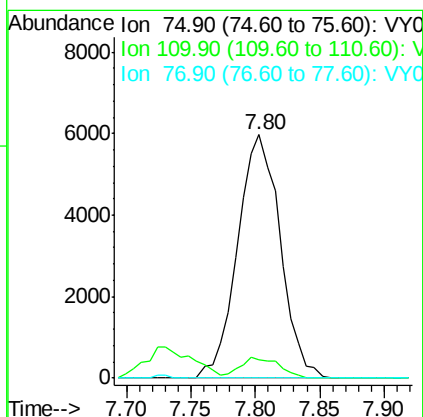
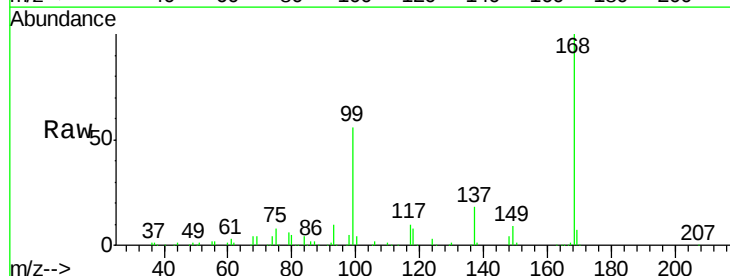
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB9-13.5-14

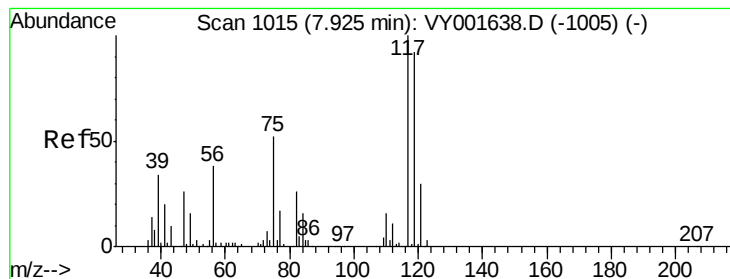
Tgt Ion:113 Resp: 91122
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.9 122.9
 192 18.4 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001765.D
 Acq: 24 Feb 2020 12:11

Tgt Ion: 75 Resp: 13680
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.2 51.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.52 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001765.D

Acq: 24 Feb 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

SB9-13.5-14

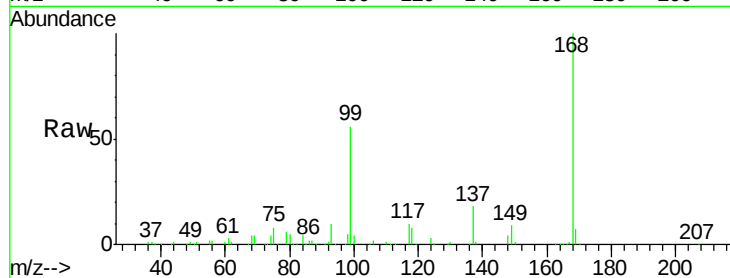
Tgt Ion:117 Resp: 16912

Ion Ratio Lower Upper

117 100

119 2.4 74.8 112.2#

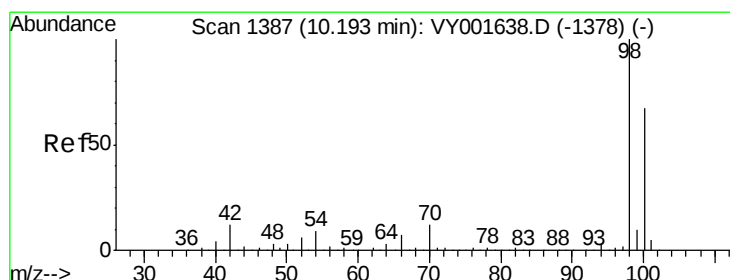
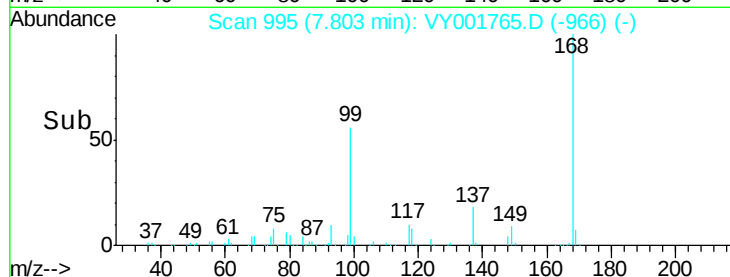
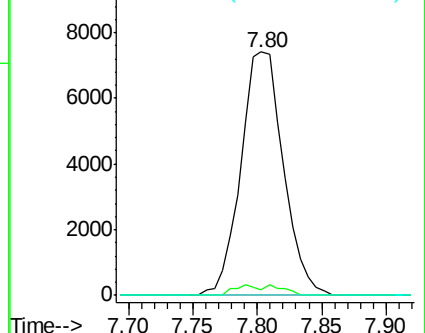
121 0.0 23.8 35.6#



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: 53.59 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001765.D

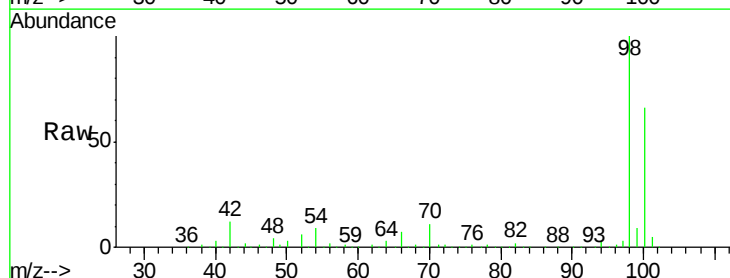
Acq: 24 Feb 2020 12:11

Tgt Ion: 98 Resp: 371986

Ion Ratio Lower Upper

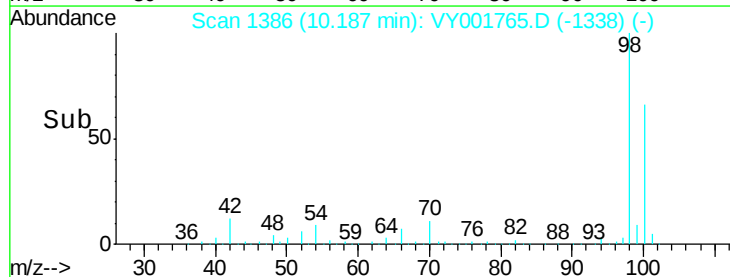
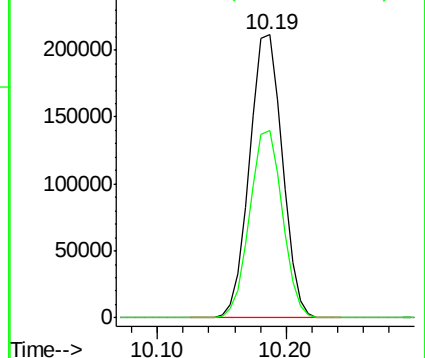
98 100

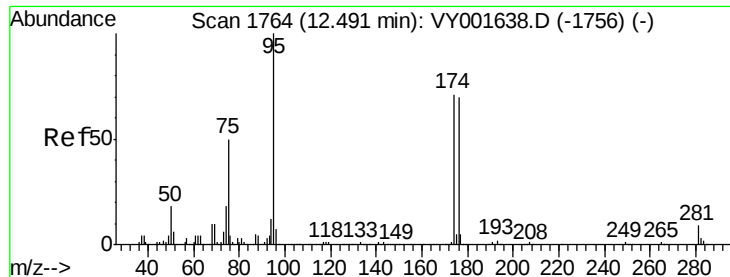
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

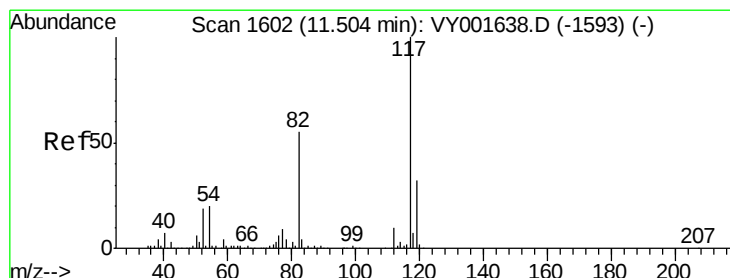
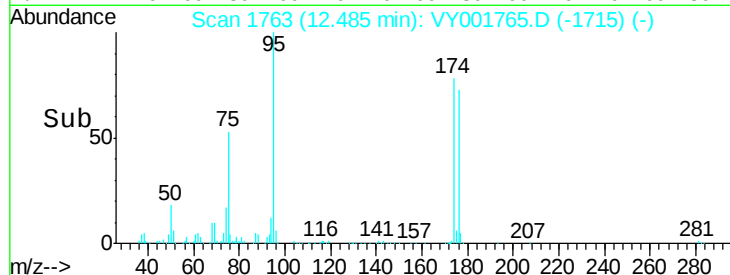
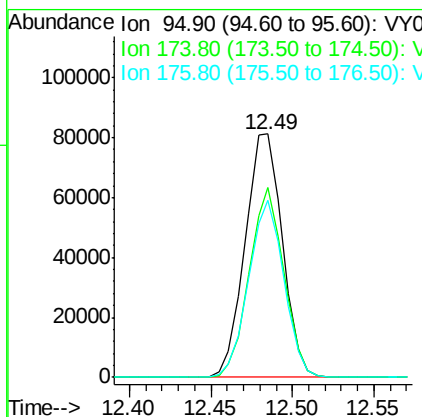
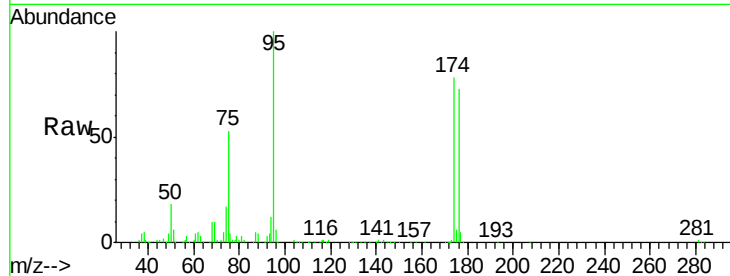




#62
4-Bromofluorobenzene
Concen: 48.11 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001765.D
Acq: 24 Feb 2020 12:11

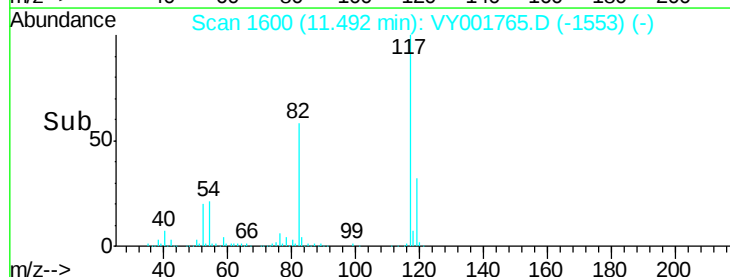
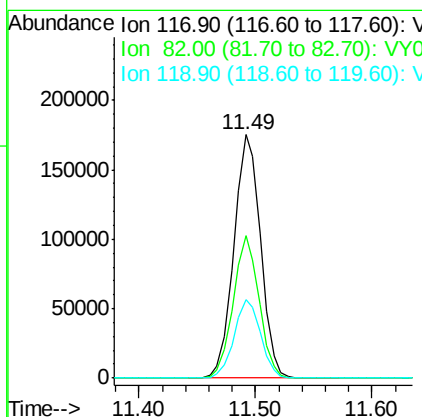
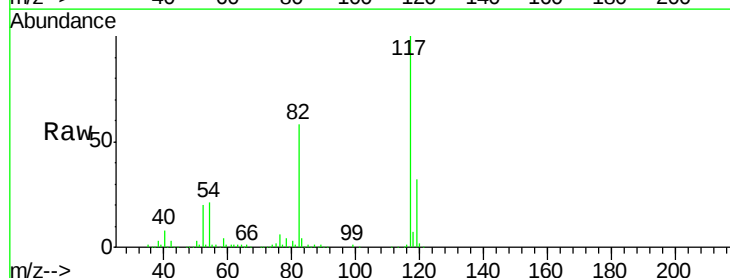
Instrument :
MSVOA_Y
ClientSampled :
SB9-13.5-14

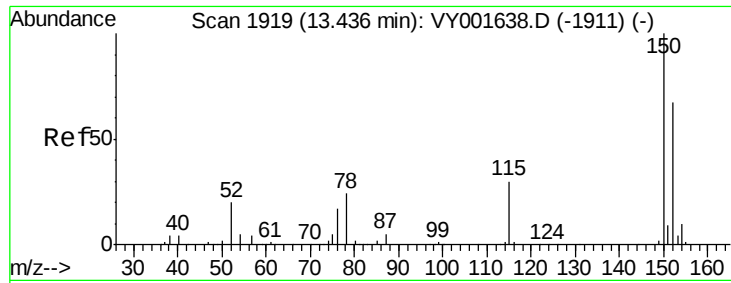
Tgt Ion: 95 Resp: 129733
Ion Ratio Lower Upper
95 100
174 72.3 0.0 138.4
176 68.7 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001765.D
Acq: 24 Feb 2020 12:11

Tgt Ion: 117 Resp: 278877
Ion Ratio Lower Upper
117 100
82 58.3 45.5 68.3
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001765.D

Acq: 24 Feb 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

SB9-13.5-14

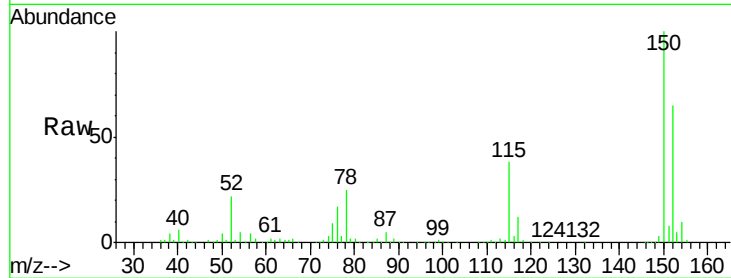
Tgt Ion:152 Resp: 124489

Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.2

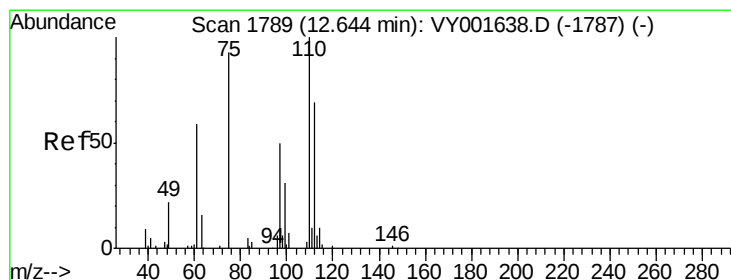
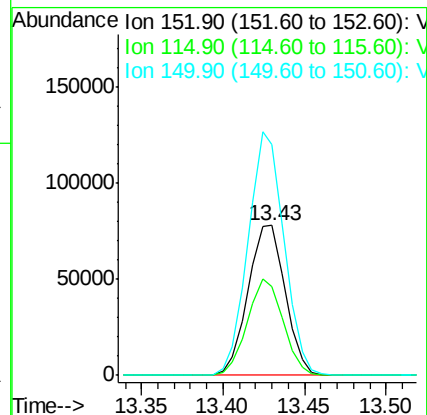
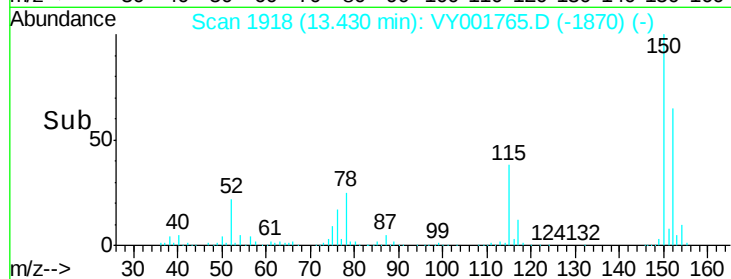
150 156.6 0.0 407.2



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: 46.60 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY001765.D

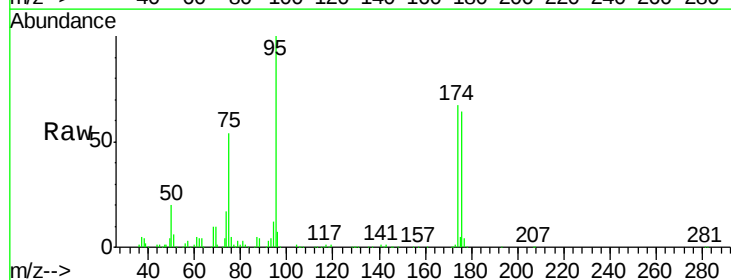
Acq: 24 Feb 2020 12:11

Tgt Ion: 75 Resp: 66553

Ion Ratio Lower Upper

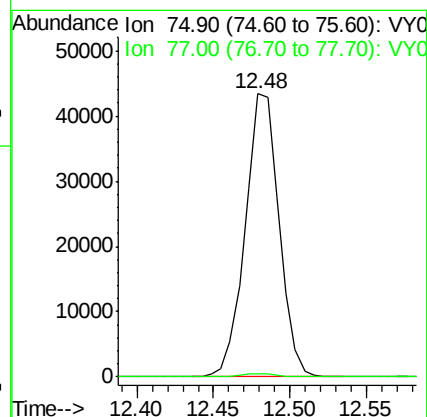
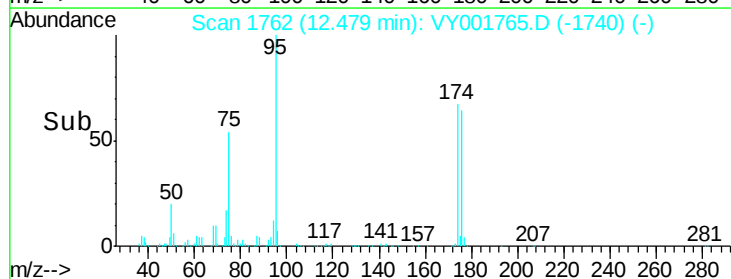
75 100

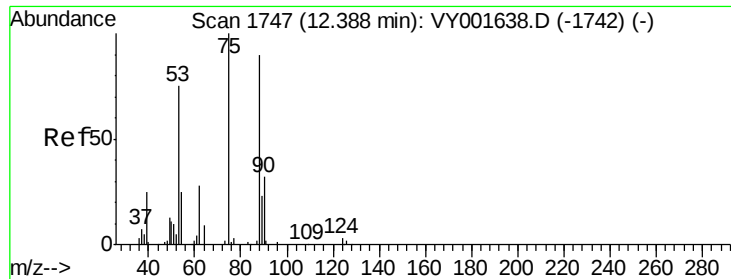
77 1.2 0.0 0.0#



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: 88.42 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001765.D

Acq: 24 Feb 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

SB9-13.5-14

Tgt Ion: 75 Resp: 66553

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

