

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001632.D
 Acq On : 13 Feb 2020 17:36
 Operator : SY/MD
 Sample : L1525-01RE
 Misc : 7.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 06:25:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	161116	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	290676	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	258200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115919	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	91832	56.61	ug/l	0.00
Spiked Amount			Recovery	=	113.22%	
35) Dibromofluoromethane	7.75	113	83357	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	10.20	98	345982	54.56	ug/l	0.01
Spiked Amount			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	117793	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	

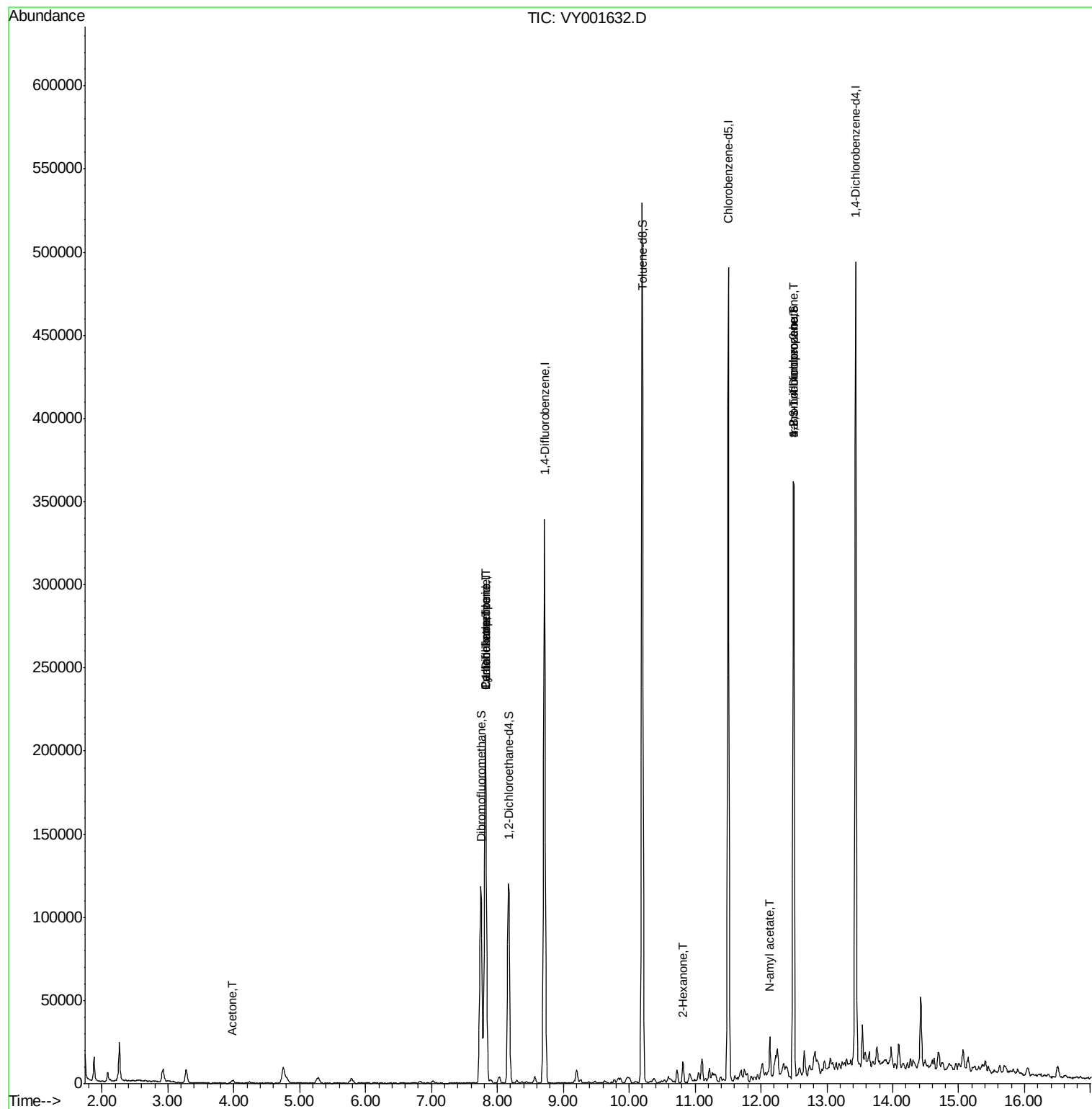
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	493	Below Cal	#	76
16) Acetone	3.98	43	2943	6.272	ug/l #	80
20) Methylene Chloride	4.75	84	6165	Below Cal	#	85
31) Cyclohexane	7.82	56	5011	1.586	ug/l #	26
36) 1,1-Dichloropropene	7.82	75	12610	4.742	ug/l #	48
38) Carbon Tetrachloride	7.82	117	16238	6.312	ug/l #	16
59) 2-Hexanone	10.81	43	5103	5.592	ug/l #	25
74) N-amyl acetate	12.14	43	5405	2.353	ug/l #	61
76) 1,2,3-Trichloropropane	12.49	75	60503	48.535	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60503	93.912	ug/l #	16

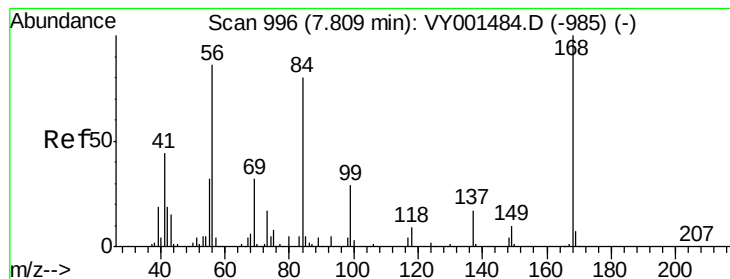
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
Data File : VY001632.D
Acq On : 13 Feb 2020 17:36
Operator : SY/MD
Sample : L1525-01RE
Misc : 7.72G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 14 06:25:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

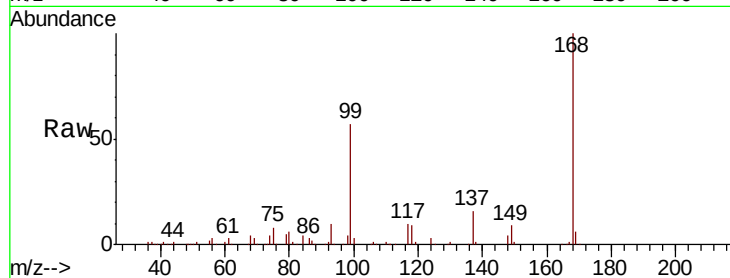
ClientSampleId :

Tot Ion:168 Resp: 161116

Ion Ratio Lower Upper

168 100

99 56.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

80000

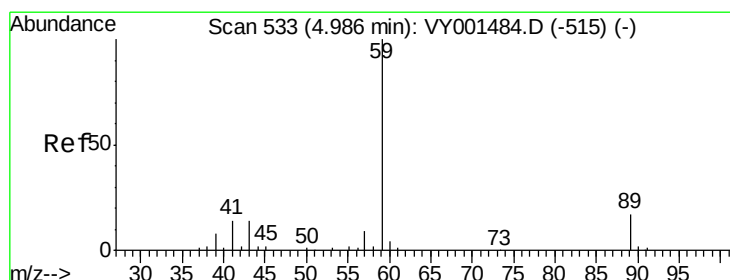
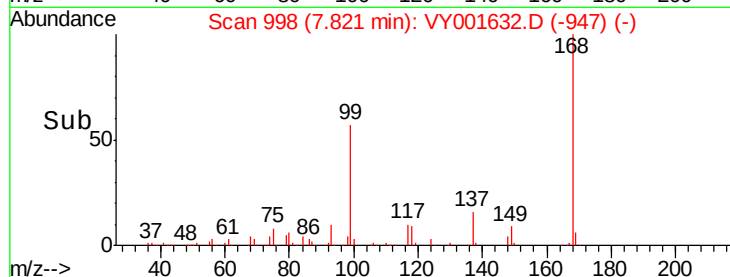
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001632.D

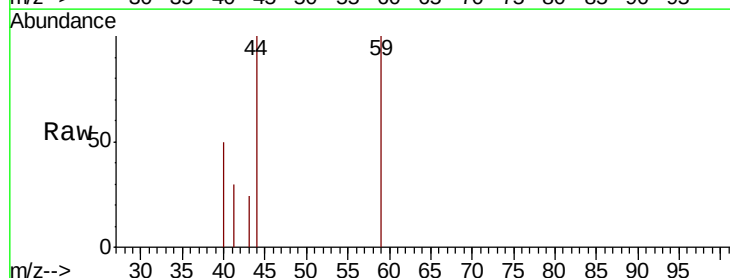
Acq: 13 Feb 2020 17:36

Tgt Ion: 59 Resp: 493

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001484.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY001484.D (-515) (-)

5.00

250

200

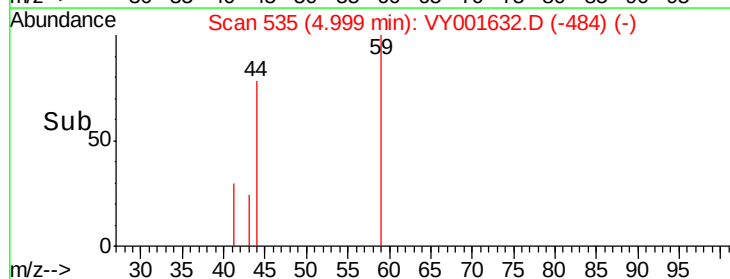
150

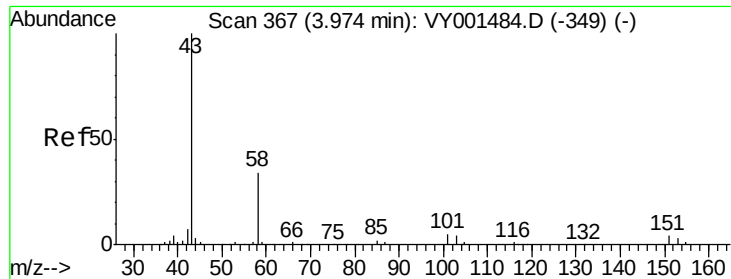
100

50

0

Time-->





#16

Acetone

Concen: 6.272 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

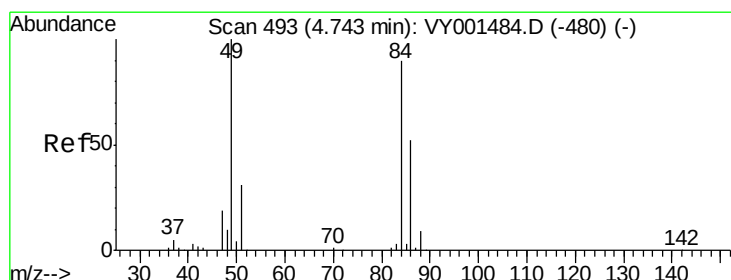
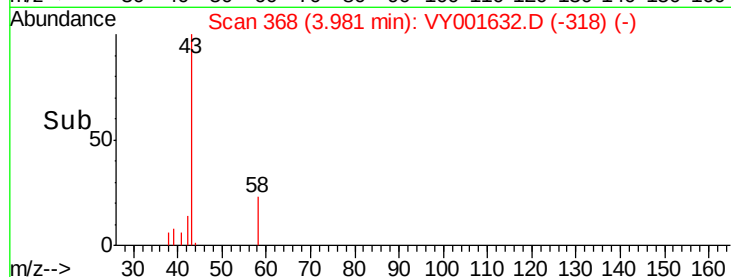
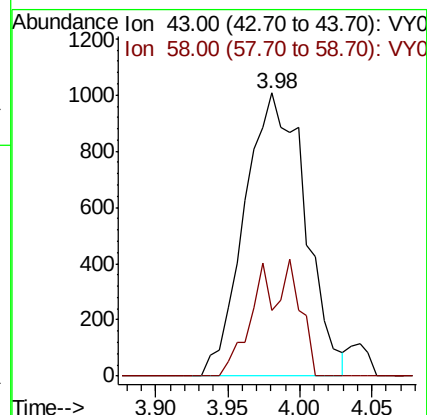
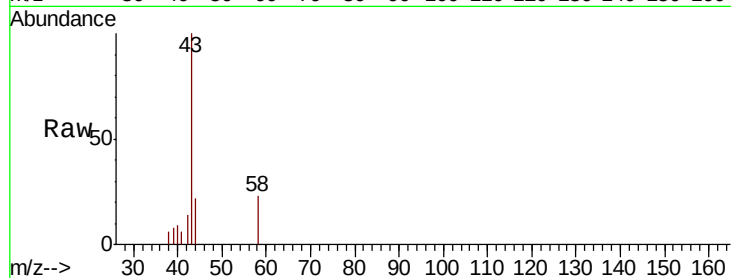
ClientSampled :

Tot Ion: 43 Resp: 2943

Ion Ratio Lower Upper

43 100

58 23.0 27.5 41.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Tgt Ion: 84 Resp: 6165

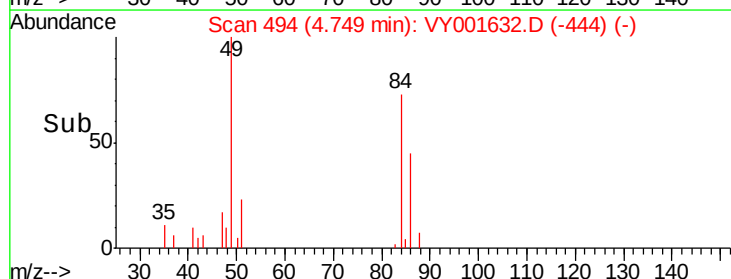
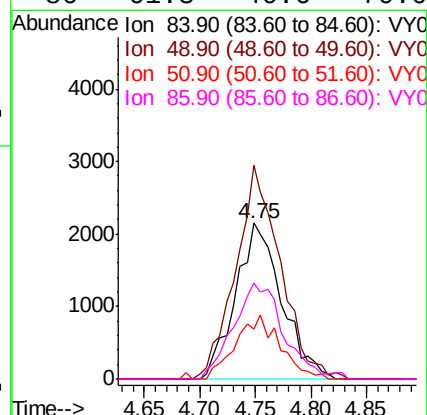
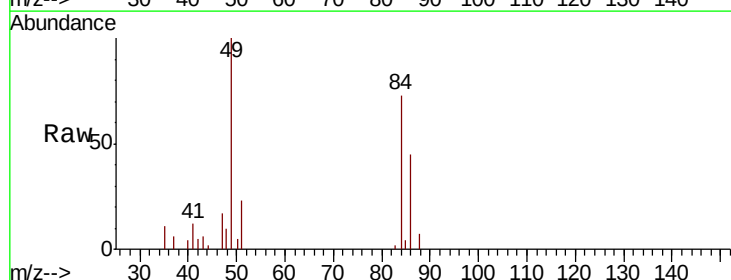
Ion Ratio Lower Upper

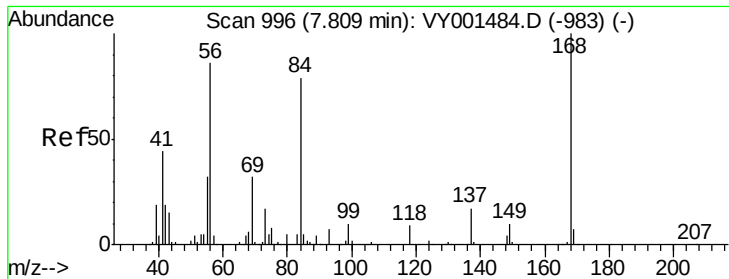
84 100

49 137.1 89.0 133.6#

51 32.0 27.4 41.2

86 61.3 46.6 70.0





#31

Cyclohexane

Concen: 1.586 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

ClientSampleId :

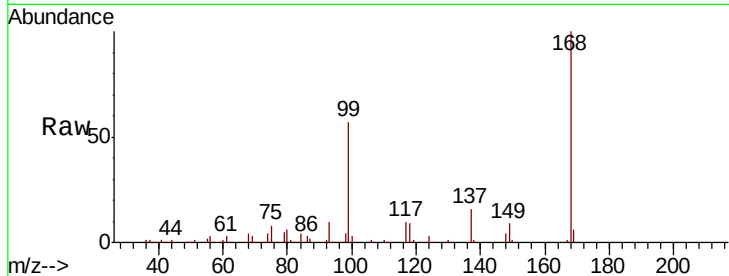
Tot Ion: 56 Resp: 5011

Ion Ratio Lower Upper

56 100

69 116.9 29.6 44.4#

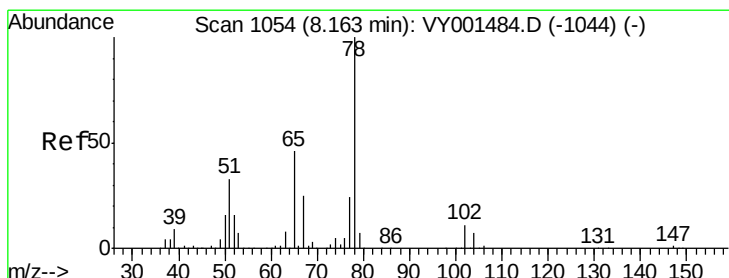
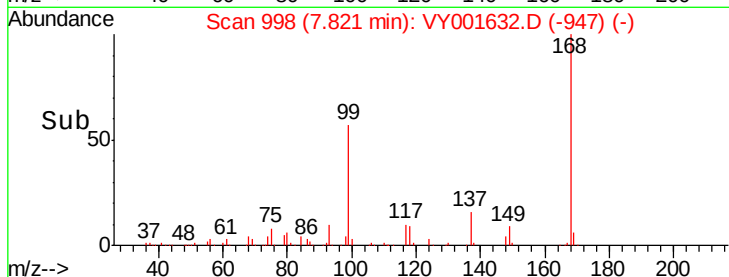
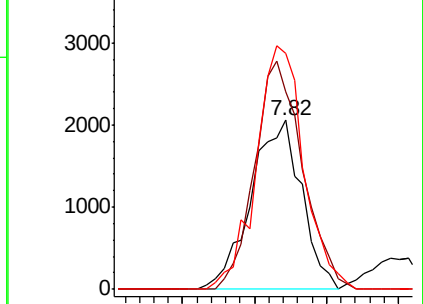
84 139.9 73.6 110.4#



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: 56.609 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001632.D

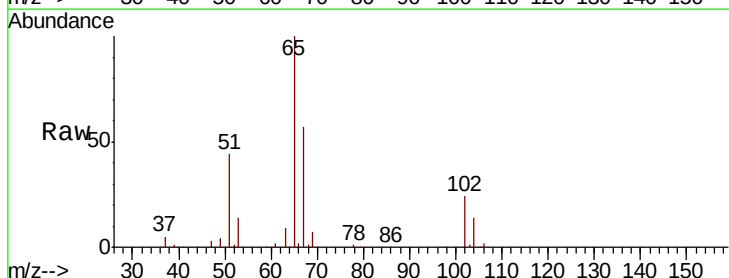
Acq: 13 Feb 2020 17:36

Tgt Ion: 65 Resp: 91832

Ion Ratio Lower Upper

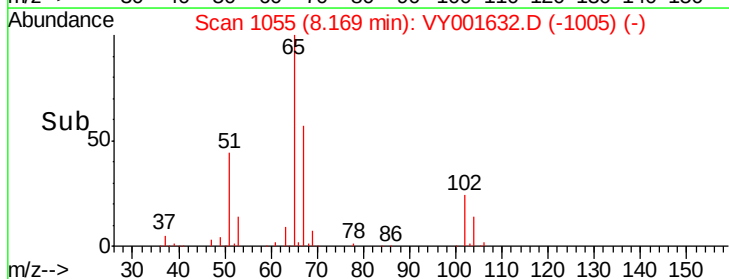
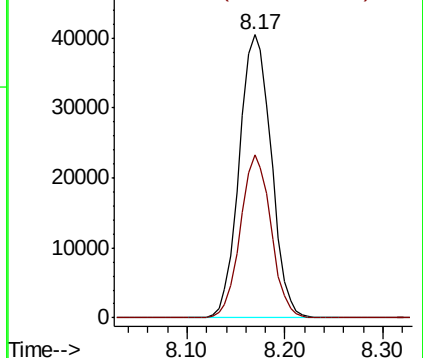
65 100

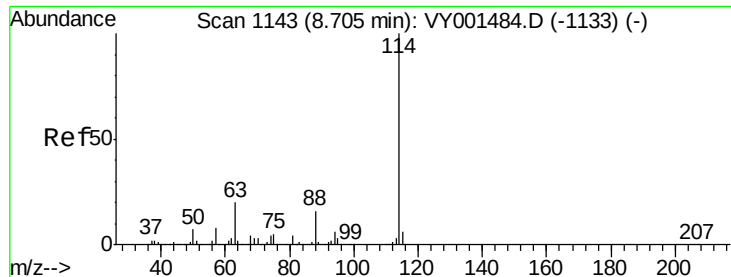
67 55.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

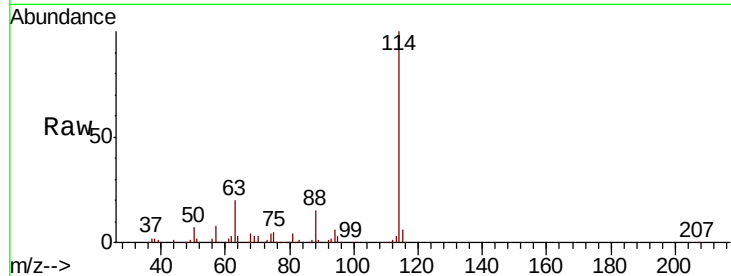




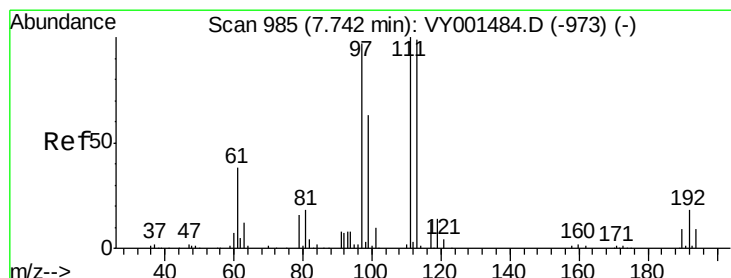
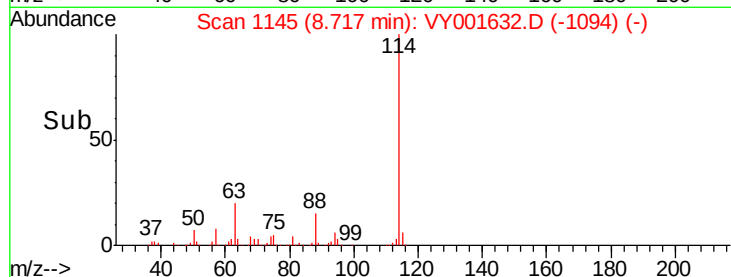
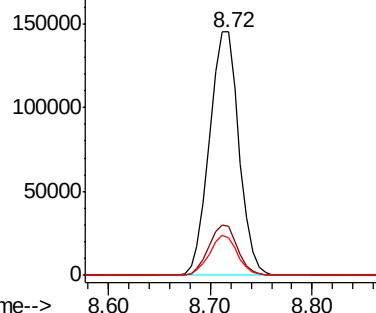
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001632.D
 Acq: 13 Feb 2020 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.8
88	15.3	0.0	32.6

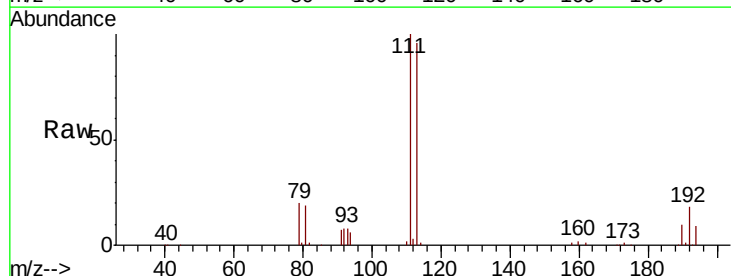


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

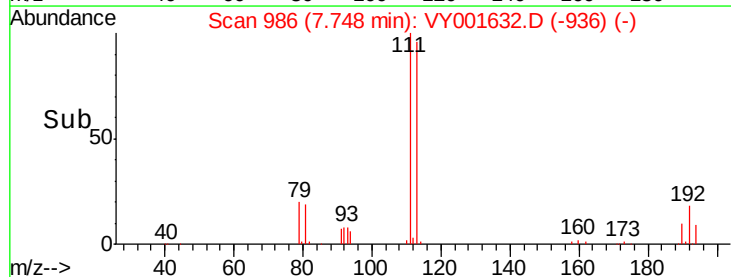
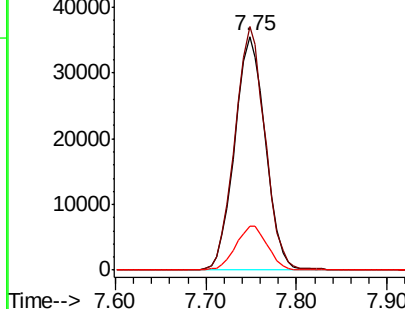


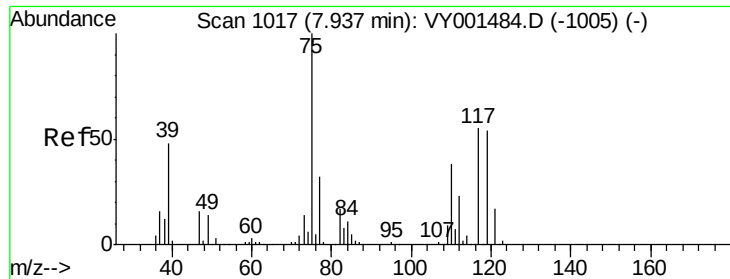
#35
 Dibromofluoromethane
 Concen: 49.730 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001632.D
 Acq: 13 Feb 2020 17:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.3	14.6	22.0



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

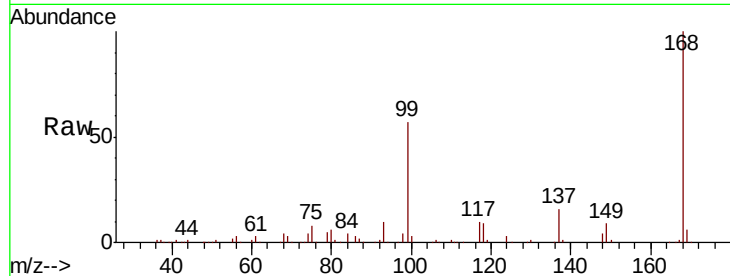




#36
 1,1-Dichloropropene
 Concen: 4.742 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001632.D
 Acq: 13 Feb 2020 17:36

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	75	Resp	12610
Ion Ratio	100	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	25.0	37.4#

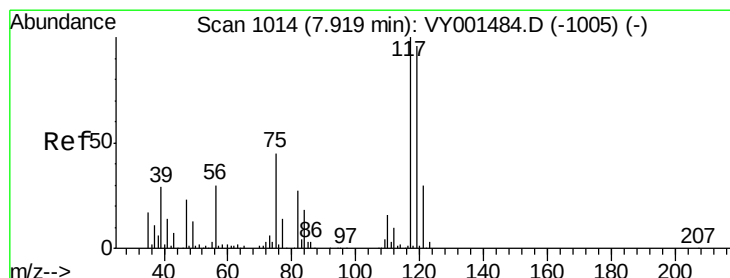
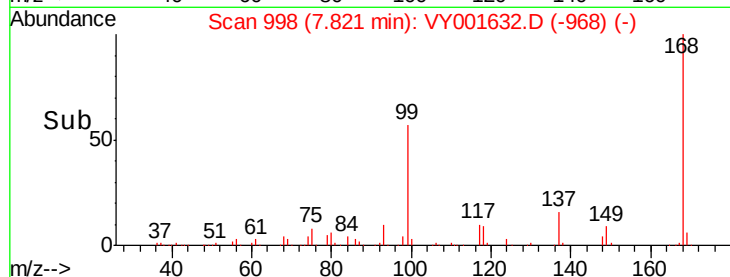
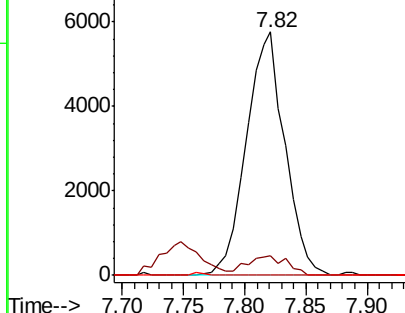


Abundance

Ion 74.90 (74.60 to 75.60): VY0

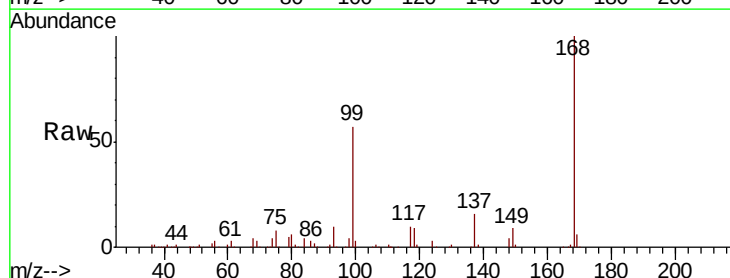
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0



#38
 Carbon Tetrachloride
 Concen: 6.312 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001632.D
 Acq: 13 Feb 2020 17:36

Tgt Ion	117	Resp	16238
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	24.2	36.4#

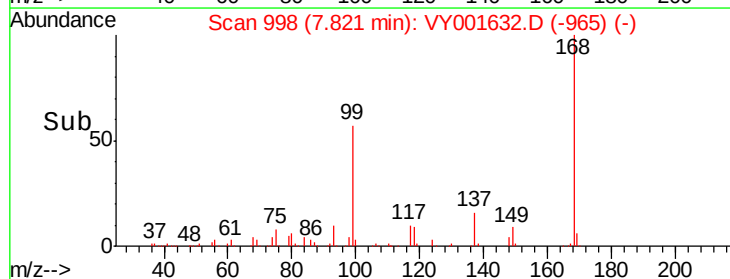
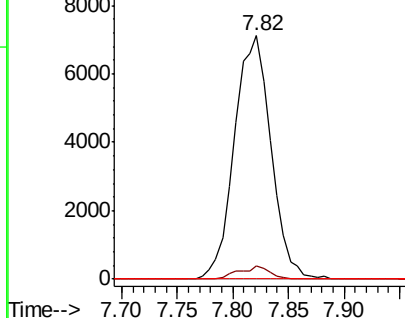


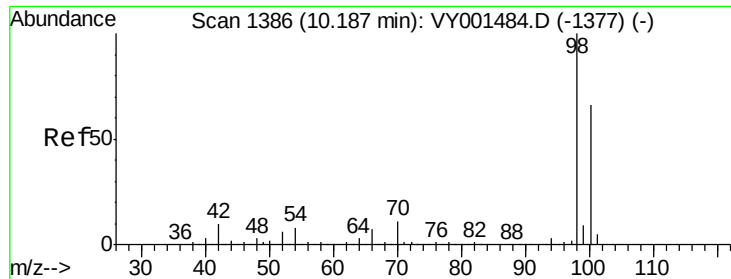
Abundance

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: 54.557 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

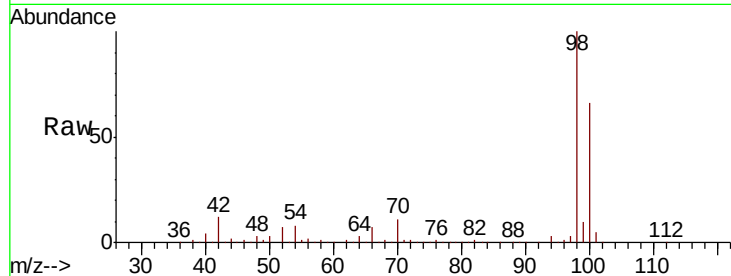
ClientSampled :

Tot Ion: 98 Resp: 345982

Ion Ratio Lower Upper

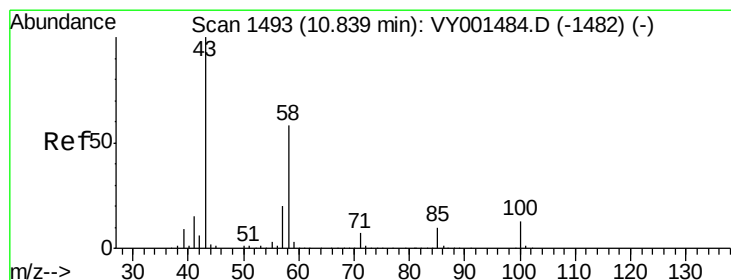
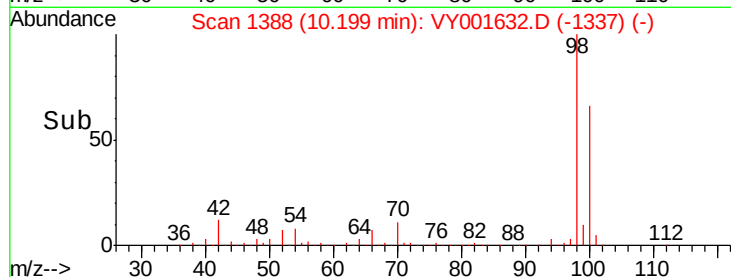
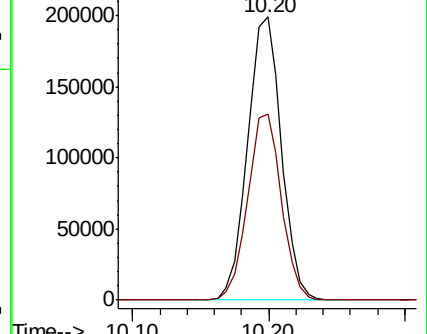
98 100

100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#59

2-Hexanone

Concen: 5.592 ug/l

RT: 10.81 min Scan# 1489

Delta R.T. -0.02 min

Lab File: VY001632.D

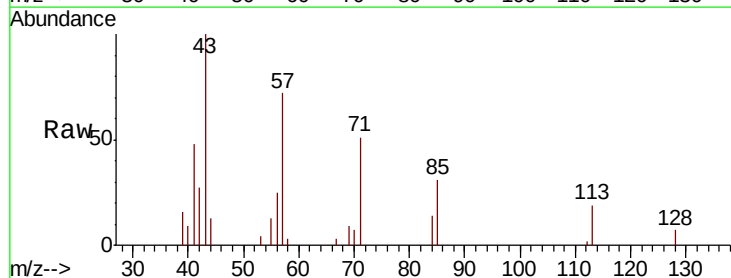
Acq: 13 Feb 2020 17:36

Tgt Ion: 43 Resp: 5103

Ion Ratio Lower Upper

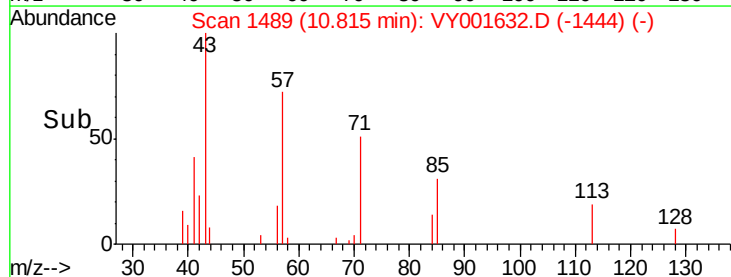
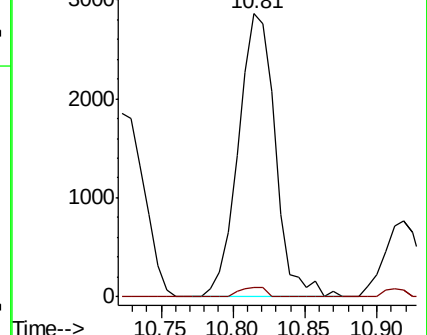
43 100

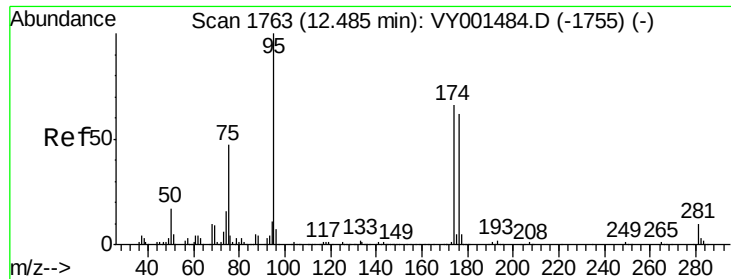
58 2.4 29.0 87.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

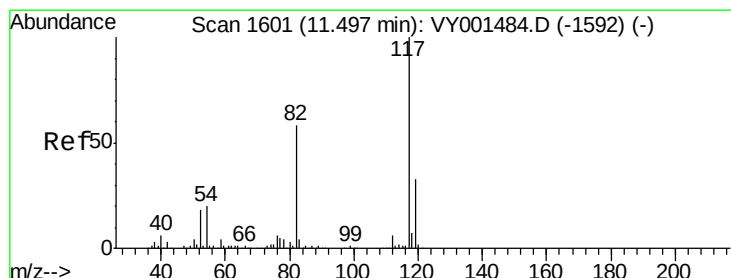
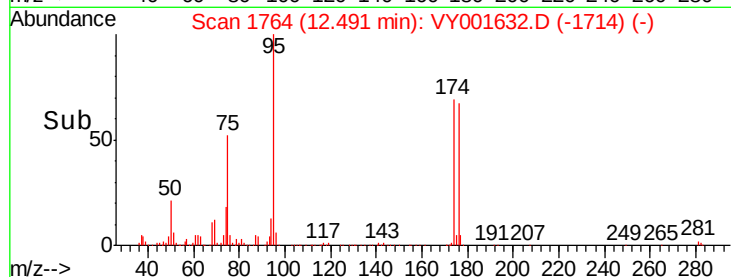
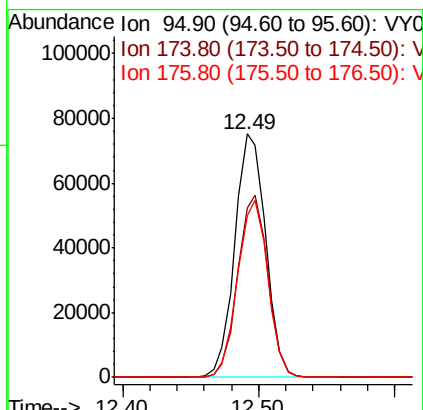
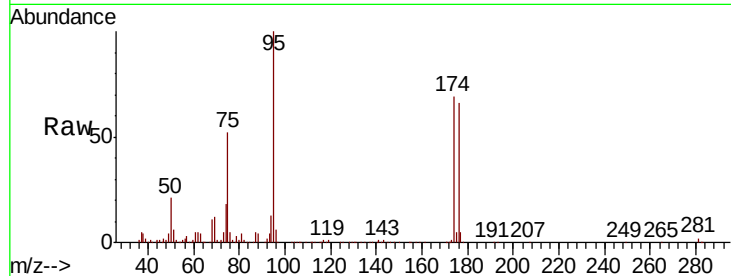




#62
4-Bromofluorobenzene
Concen: 47.149 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001632.D
Acq: 13 Feb 2020 17:36

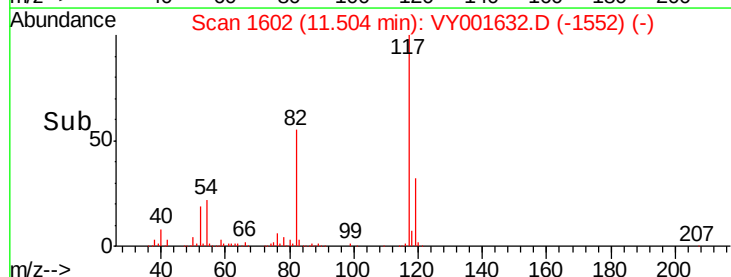
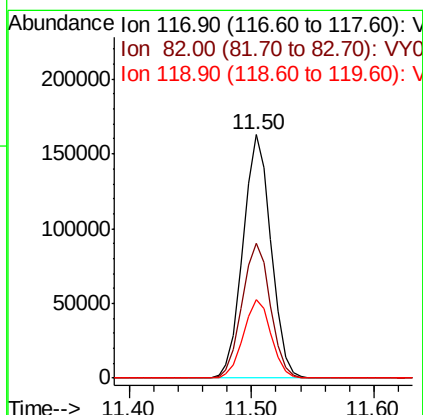
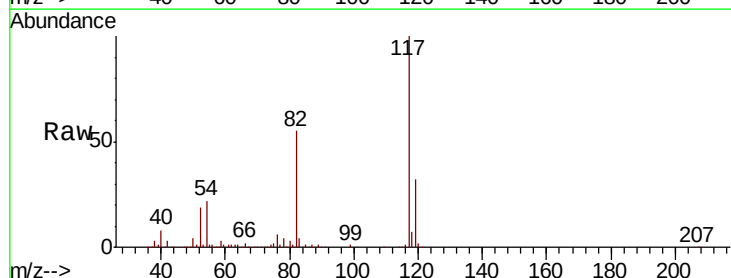
Instrument :
MSVOA_Y
ClientSampleId :

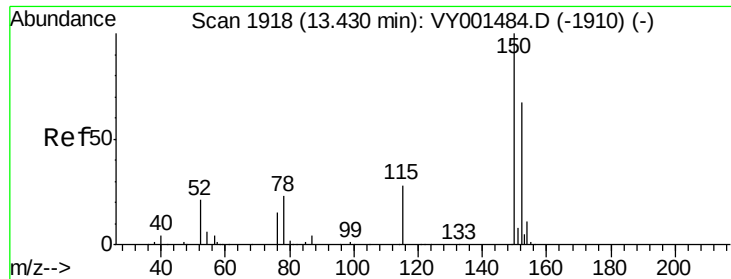
Tot Ion	95	Resp	117793
Ion Ratio	Lower	Upper	
95	100		
174	73.5	0.0	141.4
176	72.0	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001632.D
Acq: 13 Feb 2020 17:36

Tgt Ion	117	Resp	258200
Ion Ratio	Lower	Upper	
117	100		
82	55.3	46.1	69.1
119	32.0	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

ClientSampleId :

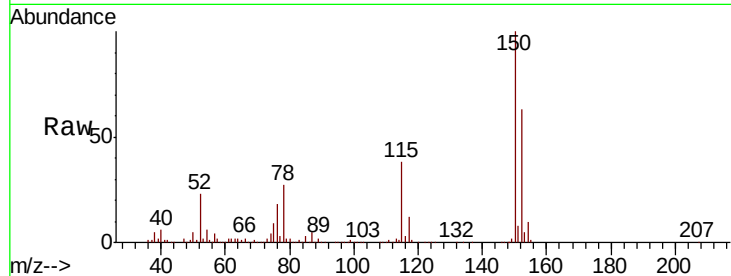
Tot Ion:152 Resp: 115919

Ion Ratio Lower Upper

152 100

115 60.1 31.4 94.3

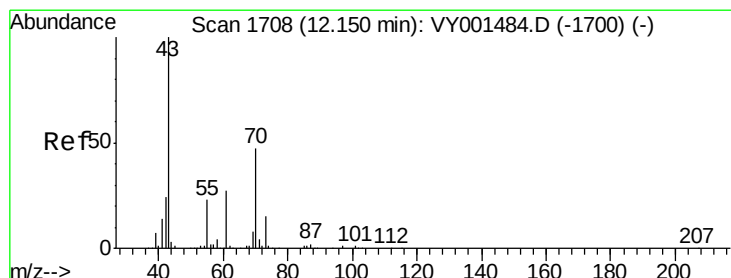
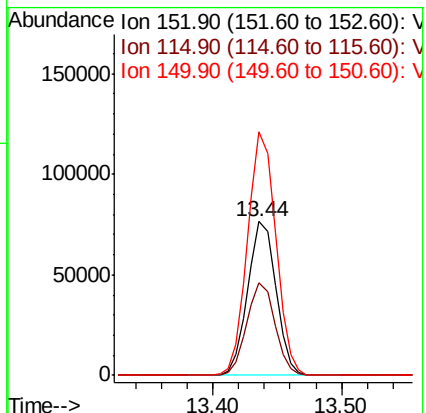
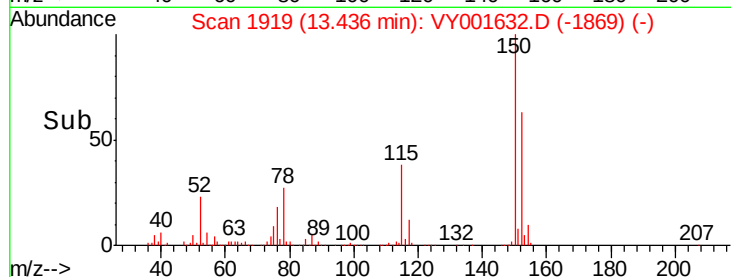
150 158.4 0.0 346.8



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



#74

N-amil acetate

Concen: 2.353 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Tgt Ion: 43 Resp: 5405

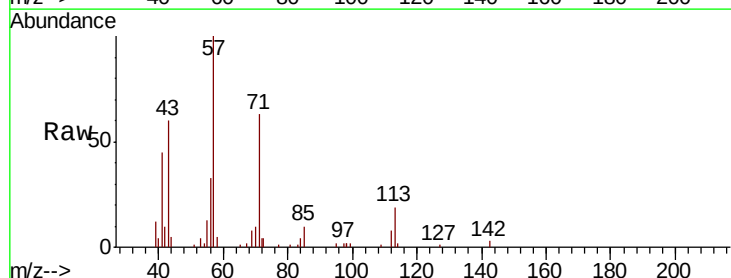
Ion Ratio Lower Upper

43 100

70 13.3 37.2 55.8#

55 24.8 18.8 28.2

61 0.0 21.4 32.2#

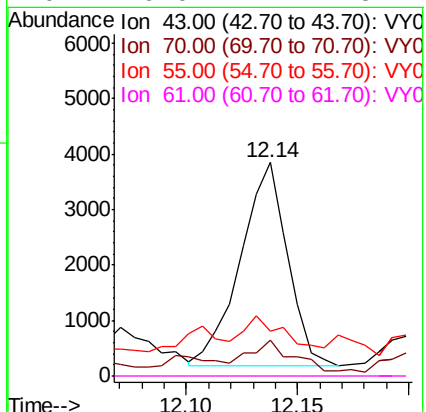
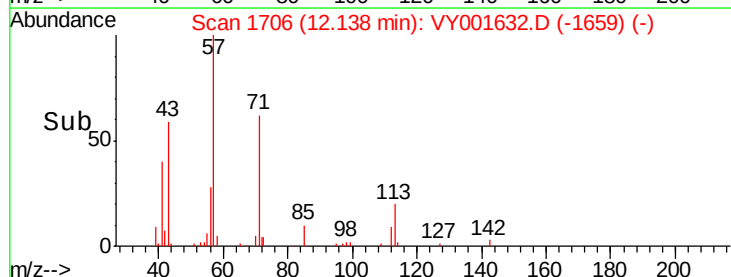


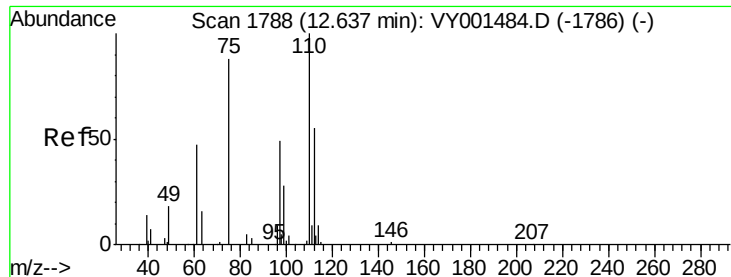
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

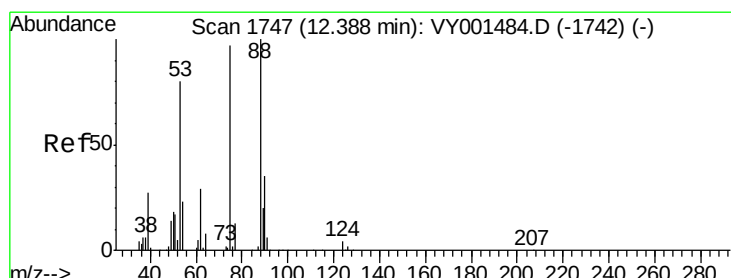
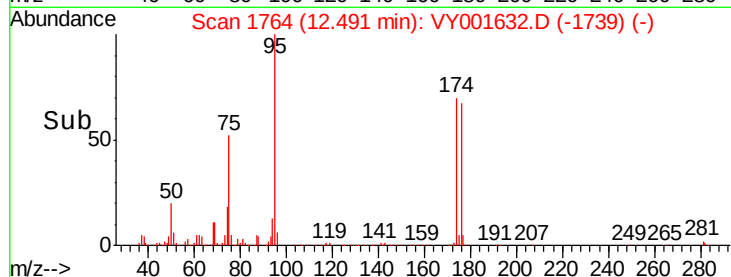
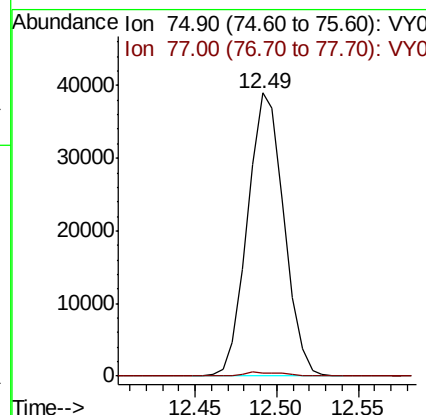
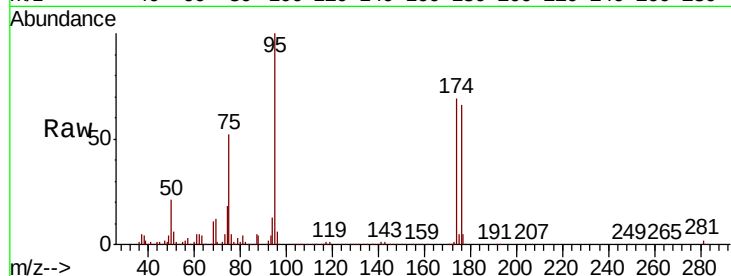




#76
 1,2,3-Trichloropropane
 Concen: 48.535 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001632.D
 Acq: 13 Feb 2020 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 60503
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.912 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001632.D
 Acq: 13 Feb 2020 17:36

Tgt Ion: 75 Resp: 60503
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.7 101.5#
 89 0.0 34.6 52.0#

