

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001493.D
 Acq On : 04 Feb 2020 17:43
 Operator : SY/MD
 Sample : L1390-02
 Misc : 6.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Feb 05 05:49:48 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	183613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	309671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	146855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	110395	59.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.42%	
35) Dibromofluoromethane	7.74	113	103364	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.19	98	398077	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.49	95	157112	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	

Target Compounds

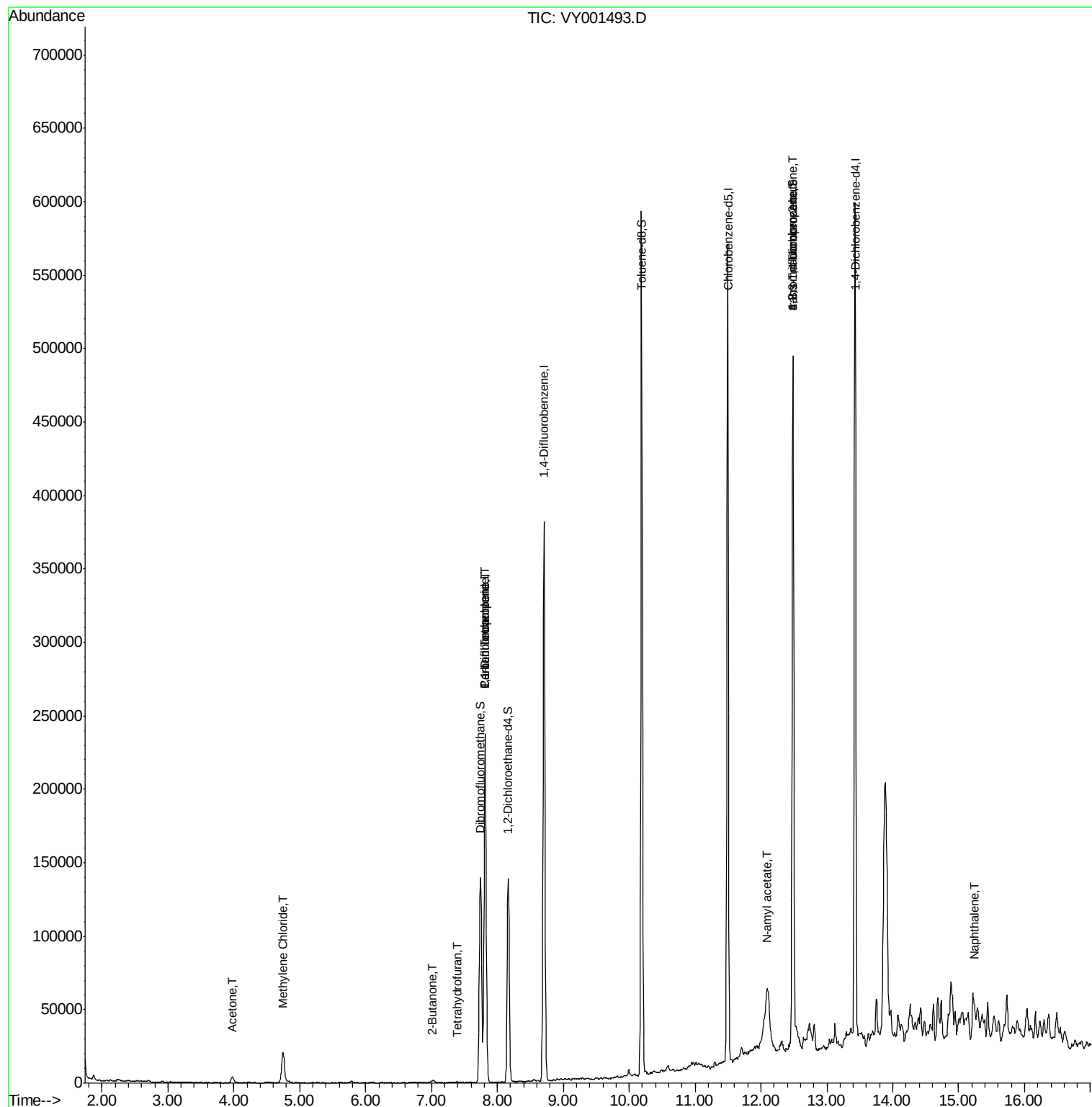
					Qvalue	
11) Tert butyl alcohol	4.98	59	167	Below Cal	#	76
16) Acetone	3.98	43	7576	14.167	ug/l #	82
20) Methylene Chloride	4.75	84	16892	3.690	ug/l	96
25) 2-Butanone	7.02	43	2117	3.051	ug/l #	81
29) Tetrahydrofuran	7.38	42	439	1.056	ug/l #	64
36) 1,1-Dichloropropene	7.81	75	14046	4.599	ug/l #	50
38) Carbon Tetrachloride	7.82	117	18400	6.228	ug/l #	15
74) N-amyl acetate	12.10	43	39665	13.628	ug/l #	55
76) 1,2,3-Trichloropropane	12.49	75	76574	48.487	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	76574	93.819	ug/l #	16
95) Naphthalene	15.24	128	11719	1.758	ug/l #	90

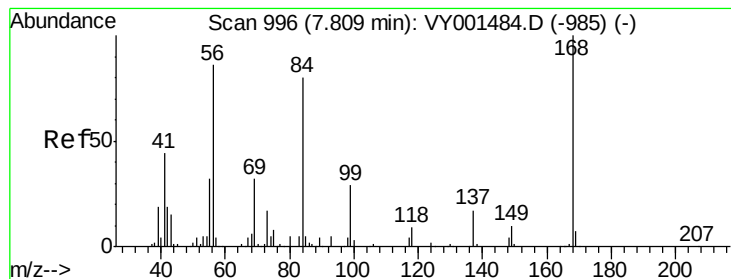
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
Data File : VY001493.D
Acq On : 04 Feb 2020 17:43
Operator : SY/MD
Sample : L1390-02
Misc : 6.80G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Quant Time: Feb 05 05:49:48 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# 997

Delta R.T. 0.01 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

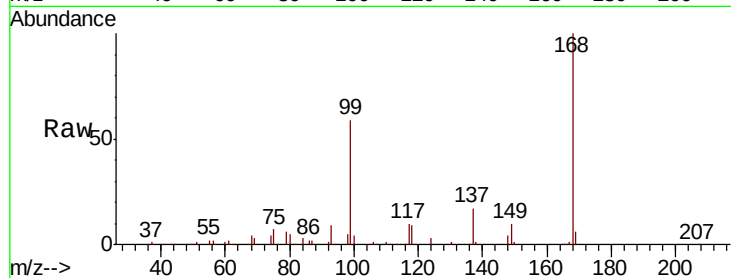
SB-2

Tot Ion:168 Resp: 183613

Ion Ratio Lower Upper

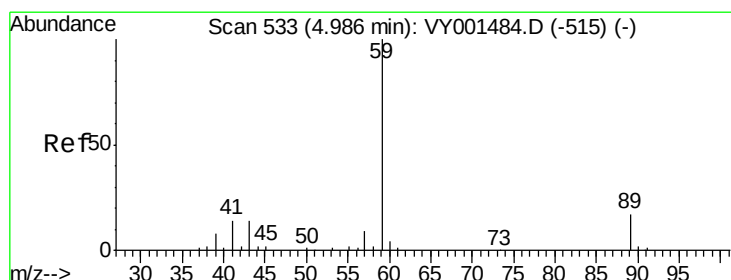
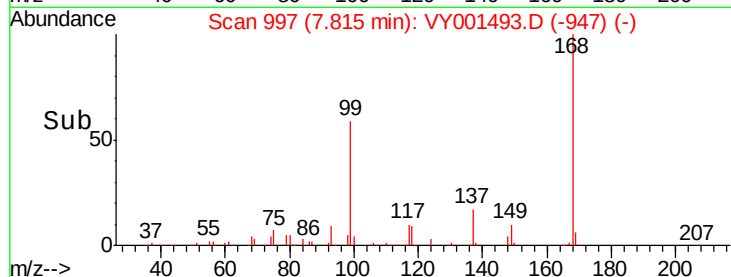
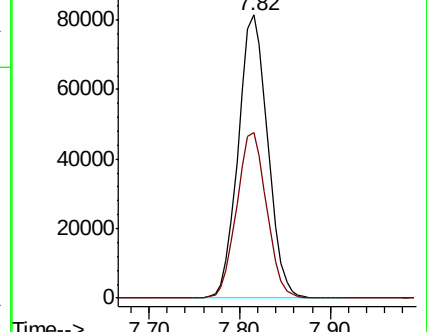
168 100

99 58.6 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) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001493.D

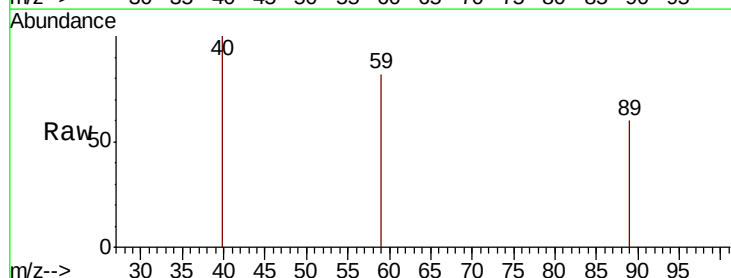
Acq: 04 Feb 2020 17:43

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

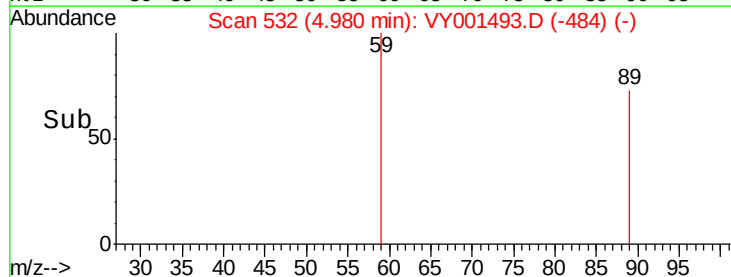
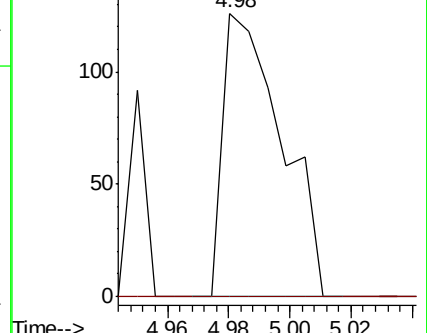
59 100

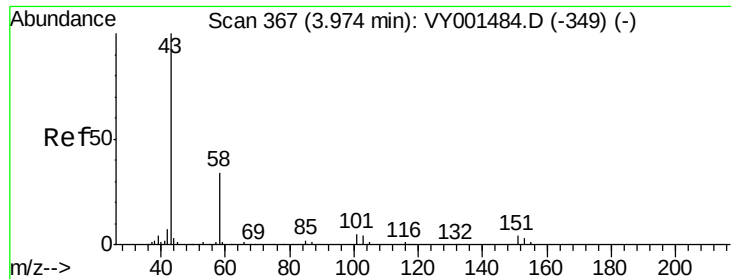
57 0.0 7.0 10.6#



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

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





#16

Acetone

Concen: 14.167 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

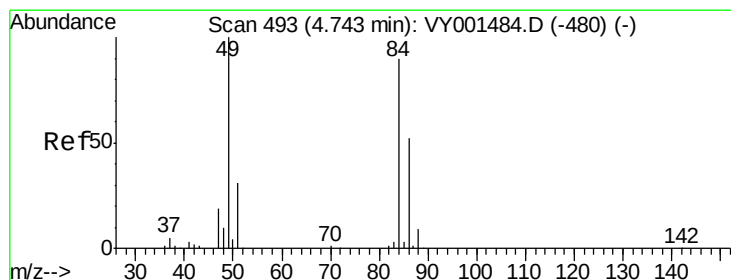
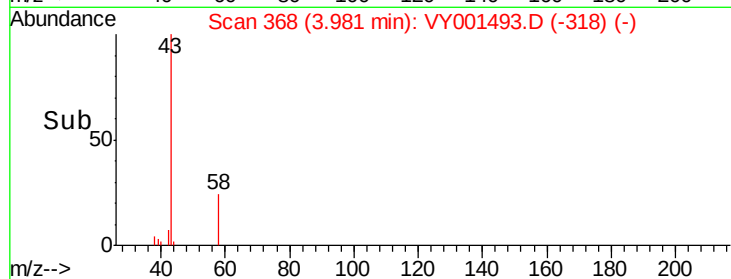
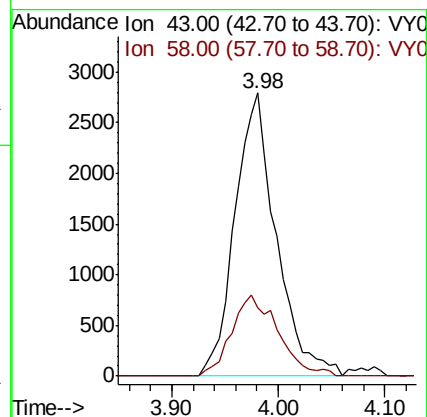
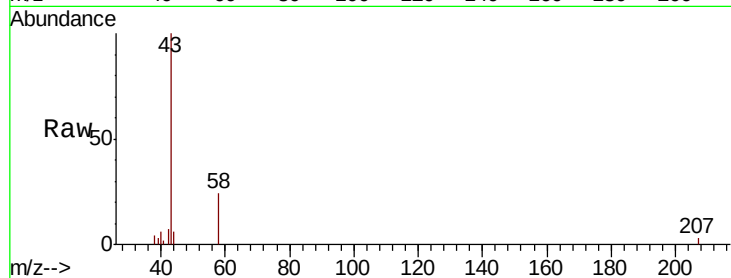
SB-2

Tot Ion: 43 Resp: 7576

Ion Ratio Lower Upper

43 100

58 24.3 27.5 41.3#



#20

Methylene Chloride

Concen: 3.690 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Tgt Ion: 84 Resp: 16892

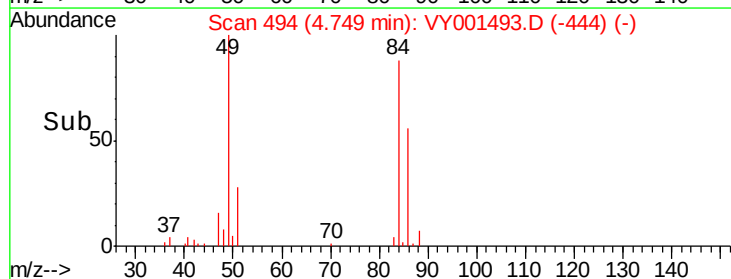
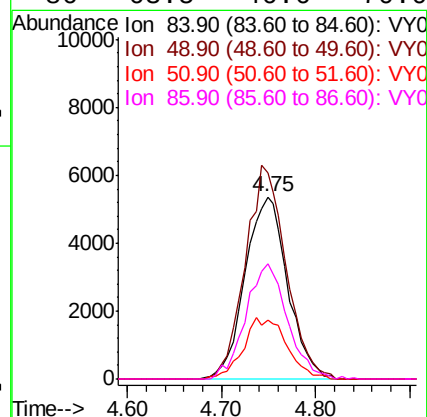
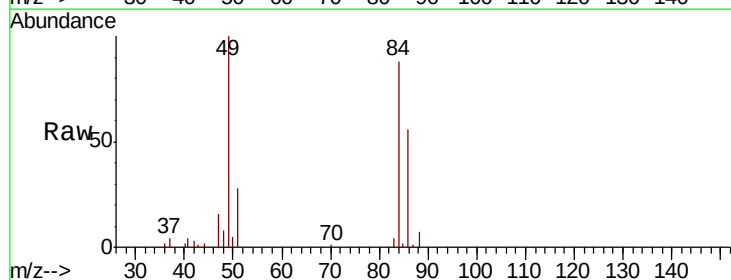
Ion Ratio Lower Upper

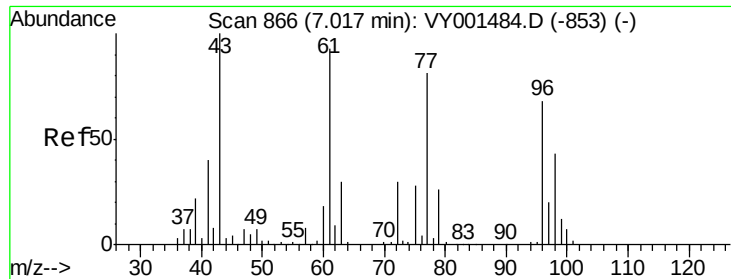
84 100

49 113.3 89.0 133.6

51 32.3 27.4 41.2

86 63.5 46.6 70.0

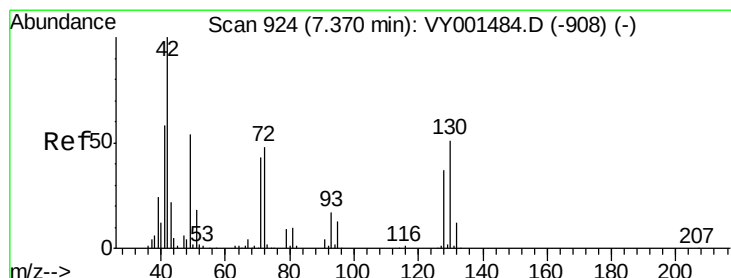
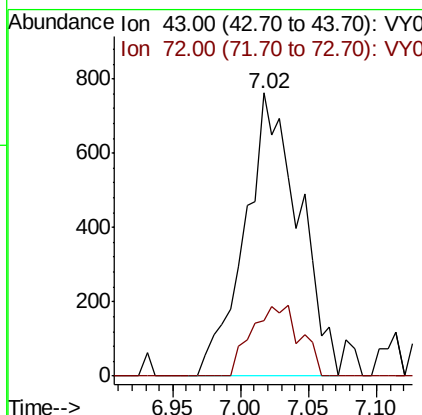
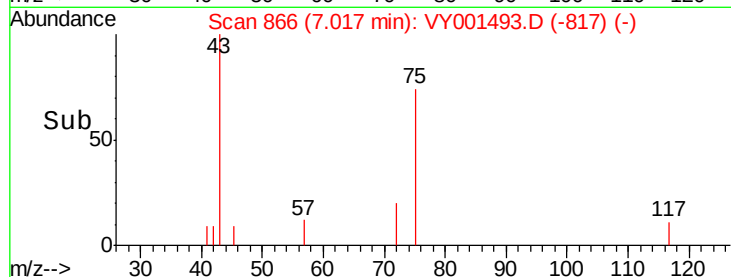
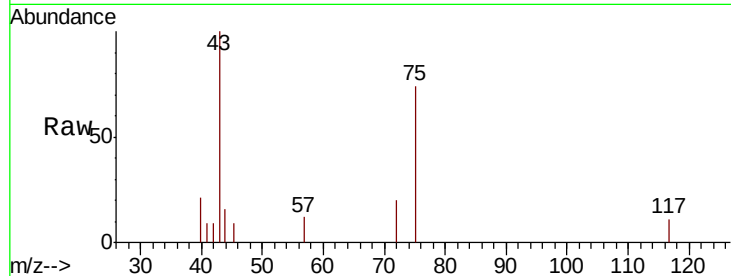




#25
2-Butanone
Concen: 3.051 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

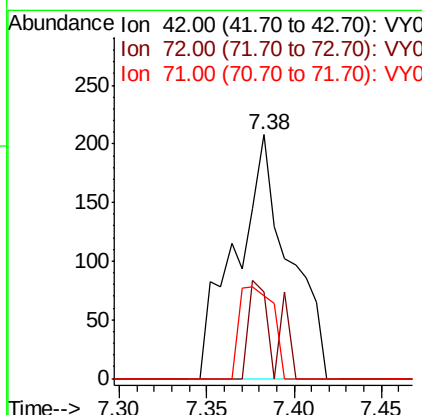
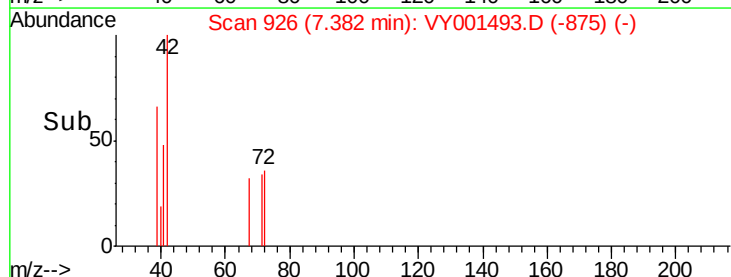
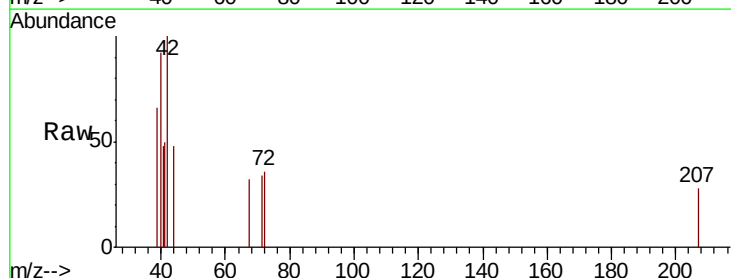
Instrument :
MSVOA_Y
ClientSampled :
SB-2

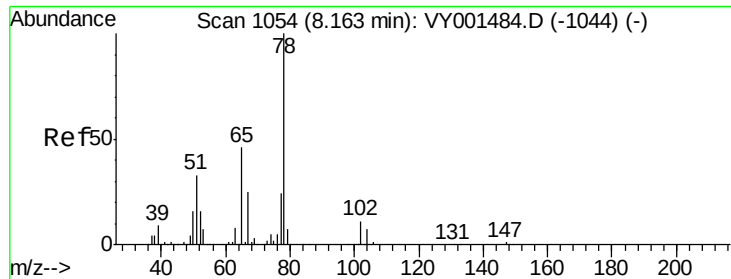
Tot Ion: 43 Resp: 2117
Ion Ratio Lower Upper
43 100
72 19.6 23.8 35.8#



#29
Tetrahydrofuran
Concen: 1.056 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

Tgt Ion: 42 Resp: 439
Ion Ratio Lower Upper
42 100
72 19.4 37.8 56.6#
71 24.1 34.8 52.2#

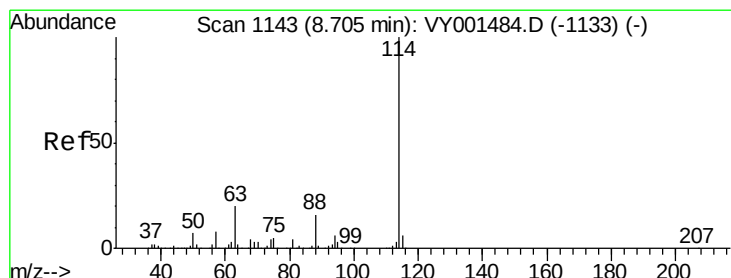
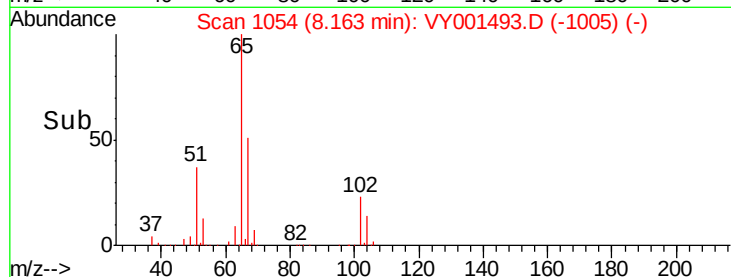
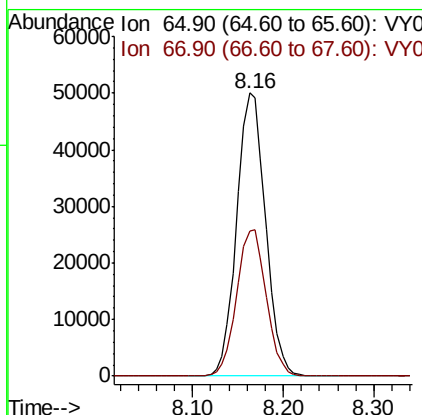
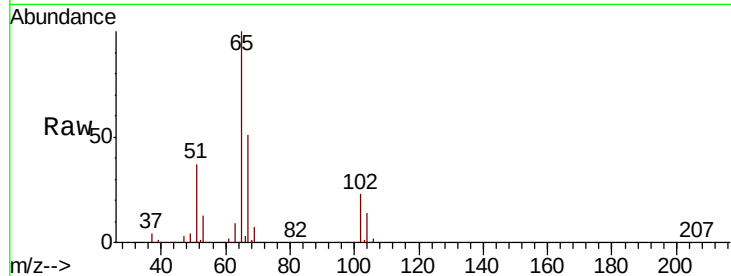




#33
 1,2-Dichloroethane-d4
 Concen: 59.714 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001493.D
 Acq: 04 Feb 2020 17:43

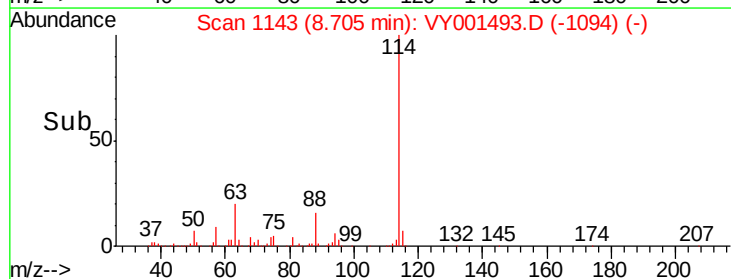
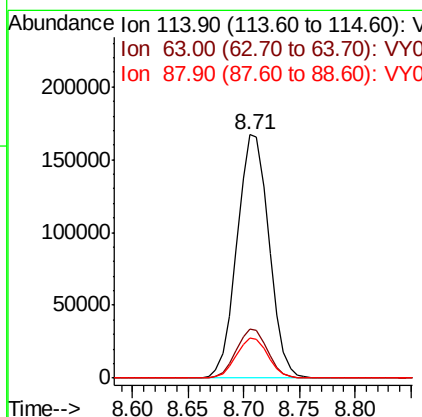
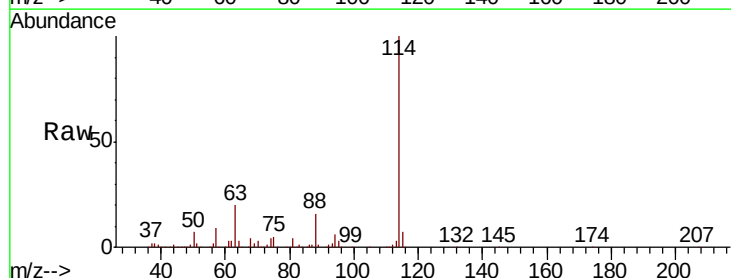
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-2

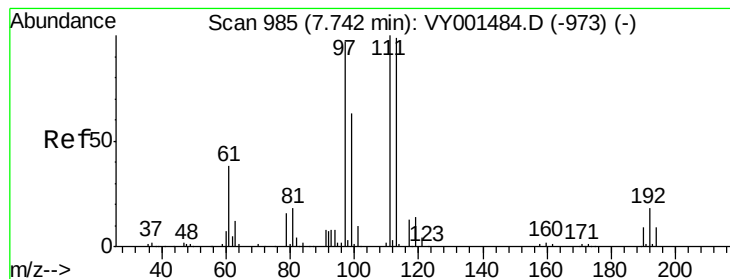
Tot Ion: 65 Resp: 110395
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001493.D
 Acq: 04 Feb 2020 17:43

Tgt Ion: 114 Resp: 333819
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.697 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampled :

SB-2

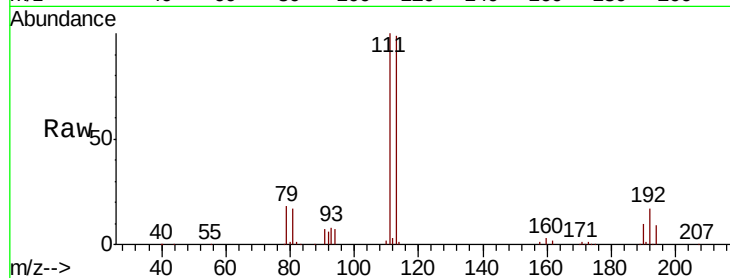
Tot Ion:113 Resp: 103364

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

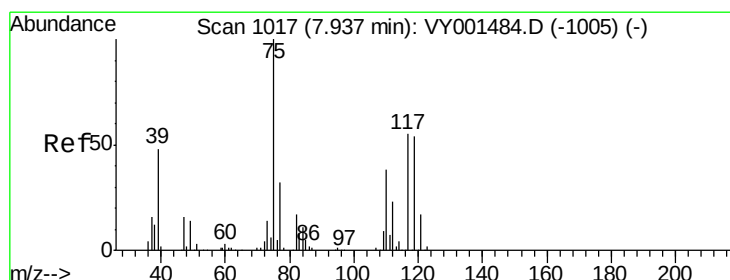
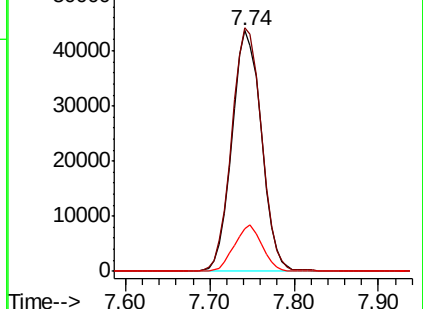
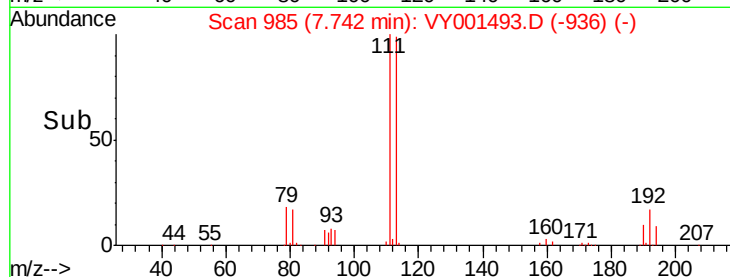
192 18.1 14.6 22.0



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: 4.599 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

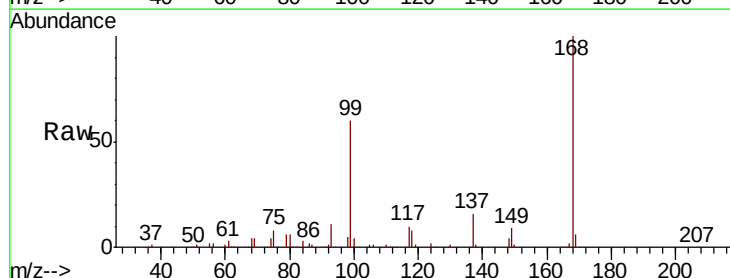
Tgt Ion: 75 Resp: 14046

Ion Ratio Lower Upper

75 100

110 9.7 18.2 54.6#

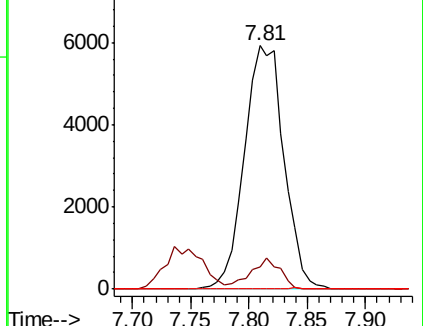
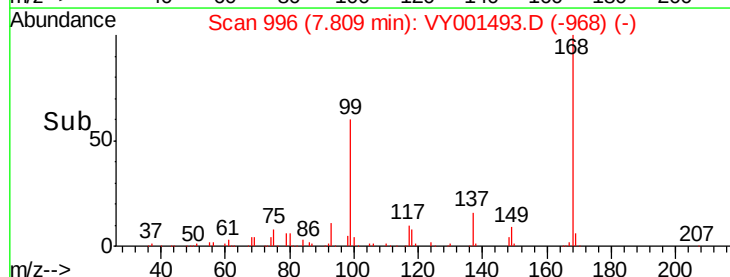
77 0.0 25.0 37.4#

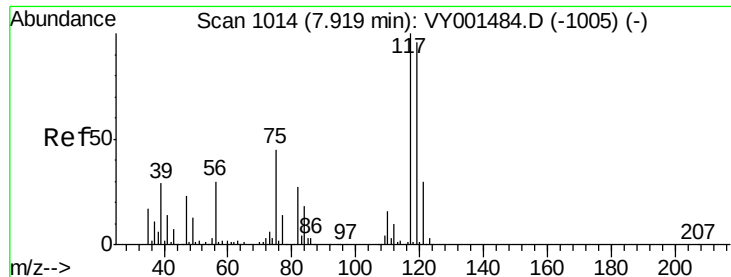


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.228 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampled :

SB-2

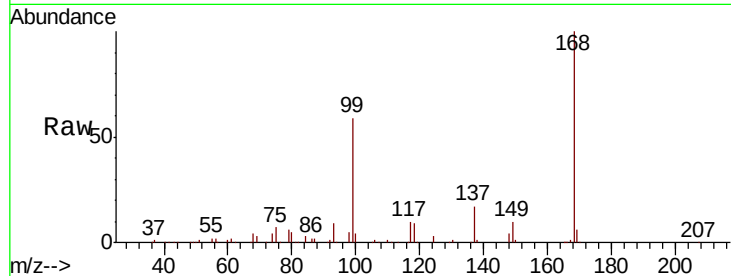
Tot Ion:117 Resp: 18400

Ion Ratio Lower Upper

117 100

119 4.2 76.4 114.6#

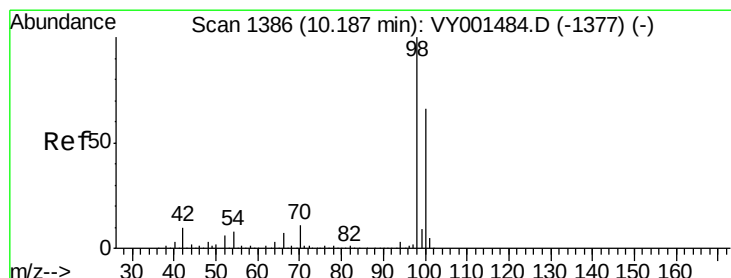
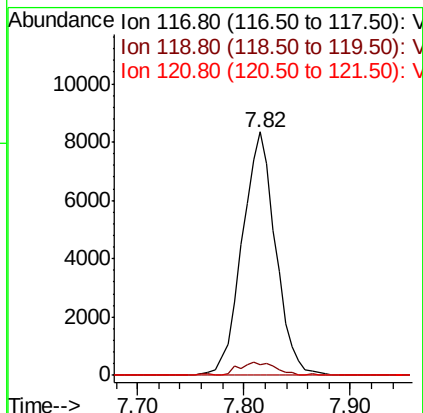
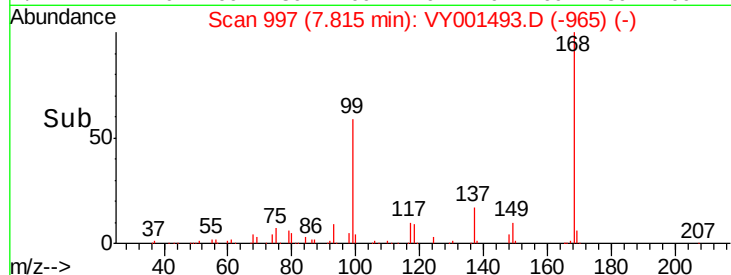
121 0.0 24.2 36.4#



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: 54.659 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001493.D

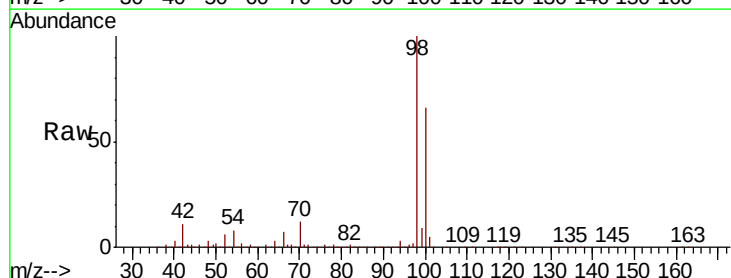
Acq: 04 Feb 2020 17:43

Tgt Ion: 98 Resp: 398077

Ion Ratio Lower Upper

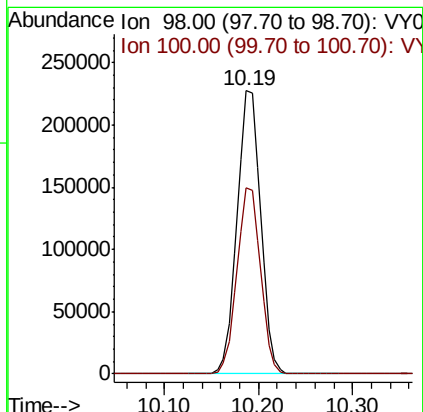
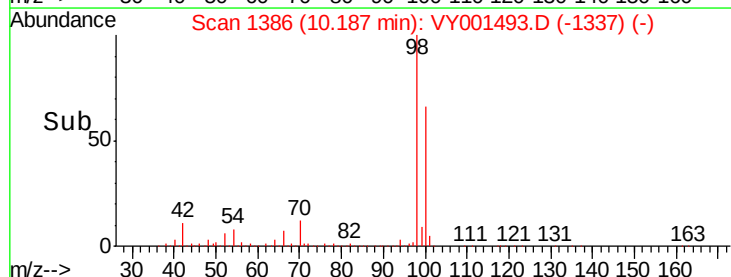
98 100

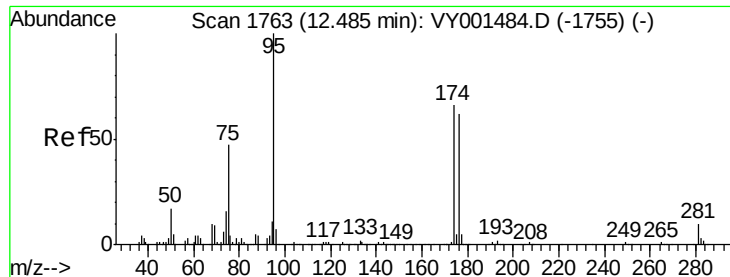
100 65.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

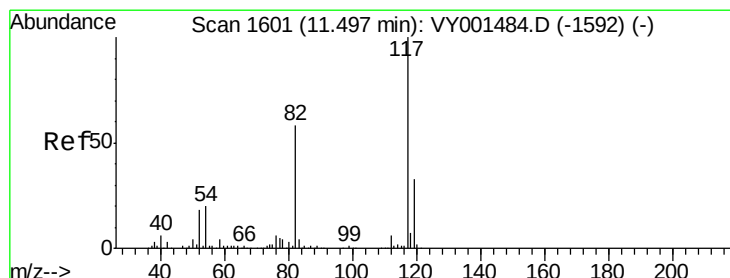
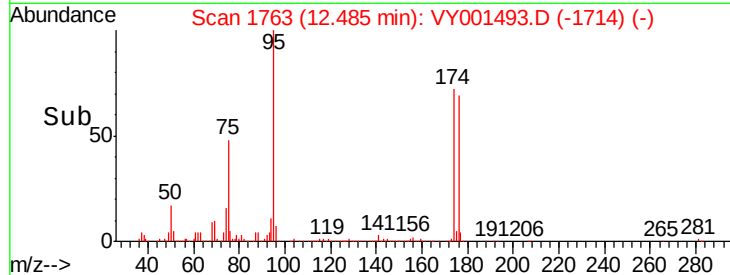
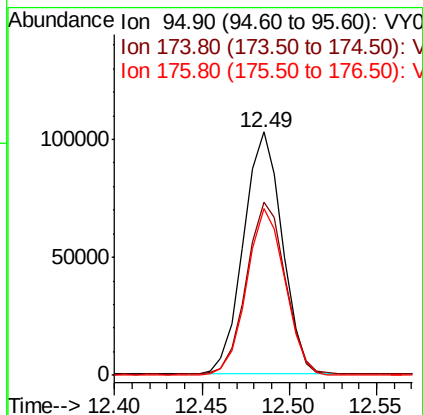
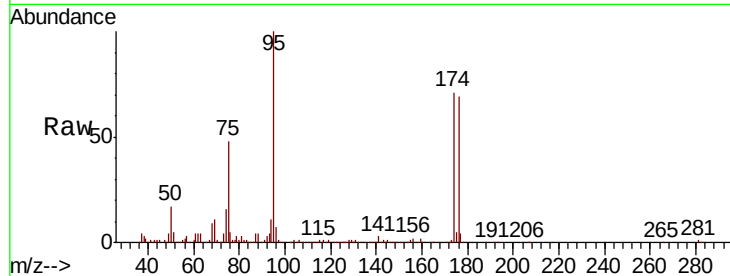




#62
 4-Bromofluorobenzene
 Concen: 54.760 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001493.D
 Acq: 04 Feb 2020 17:43

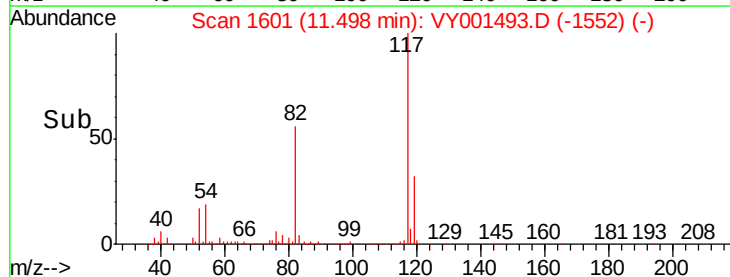
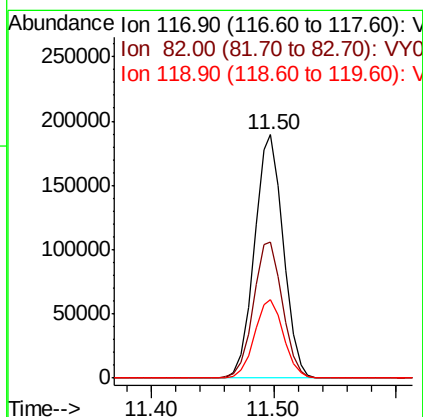
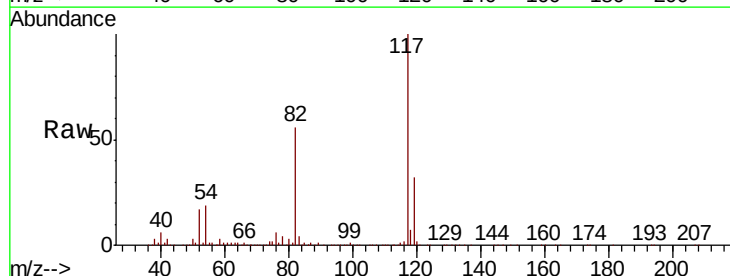
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

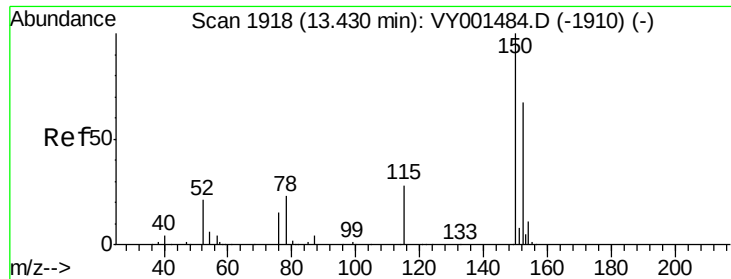
Tot Ion: 95 Resp: 157112
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 141.4
 176 68.7 0.0 135.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: VY001493.D
 Acq: 04 Feb 2020 17:43

Tgt Ion: 117 Resp: 309671
 Ion Ratio Lower Upper
 117 100
 82 55.9 46.1 69.1
 119 32.2 26.1 39.1



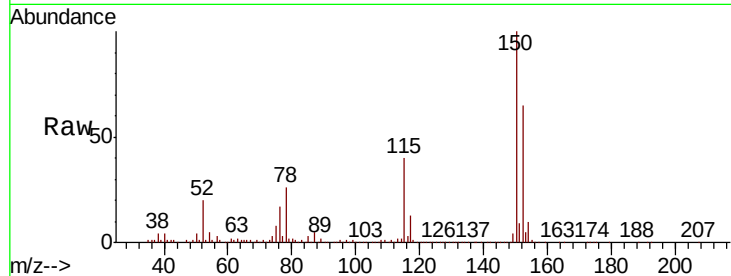


#72

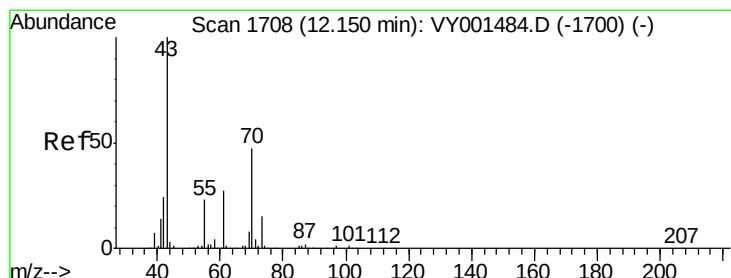
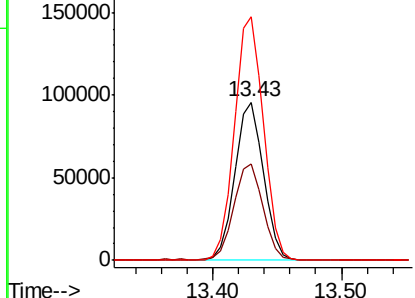
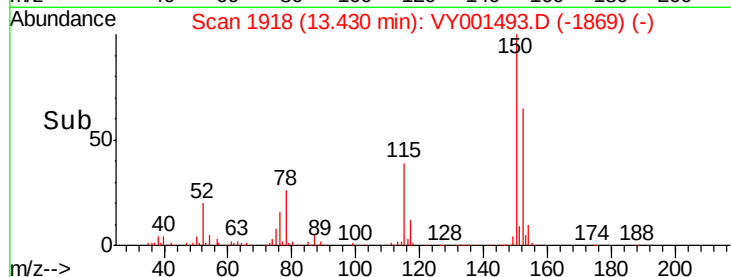
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.4	94.3
150	156.4	0.0	346.8



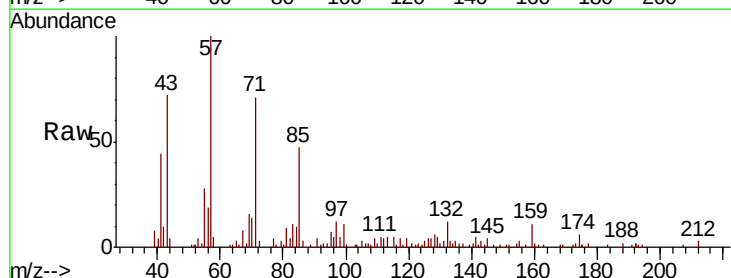
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



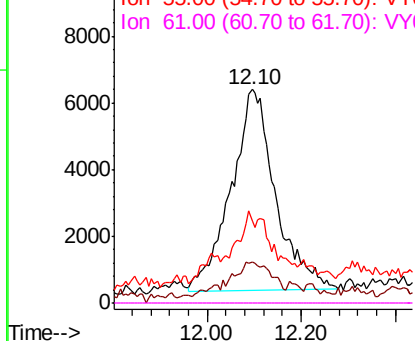
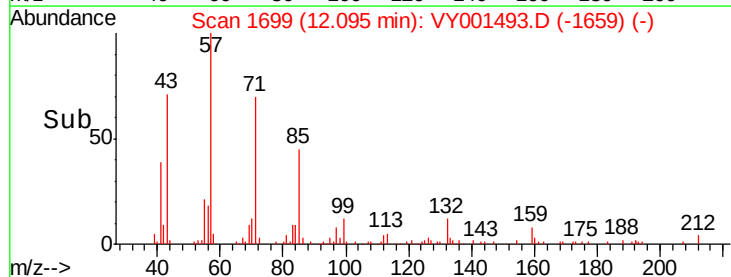
#74

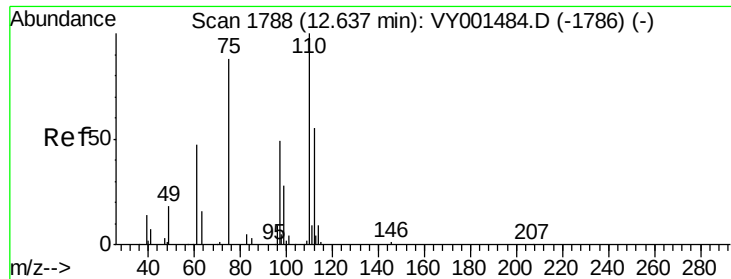
N-ethyl acetate
Concen: 13.628 ug/l
RT: 12.10 min Scan# 1699
Delta R.T. -0.05 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	15.1	37.2	55.8#
55	6.7	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: 48.487 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

Instrument :

MSVOA_Y

ClientSampled :

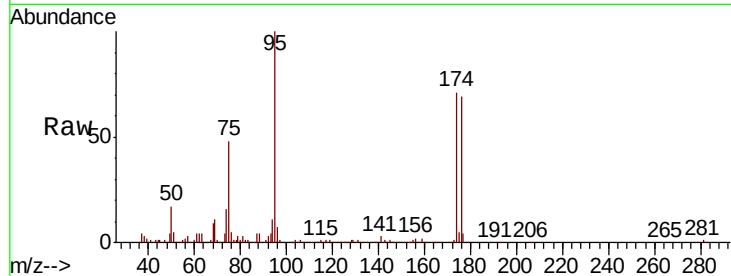
SB-2

Tot Ion: 75 Resp: 76574

Ion Ratio Lower Upper

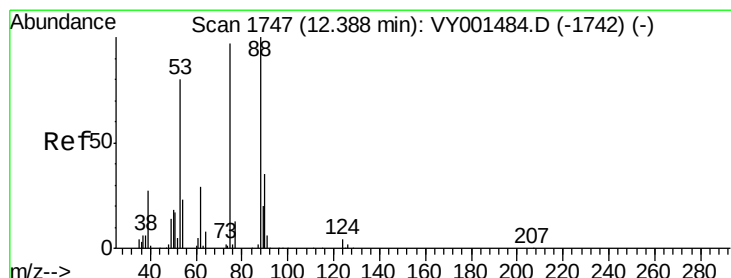
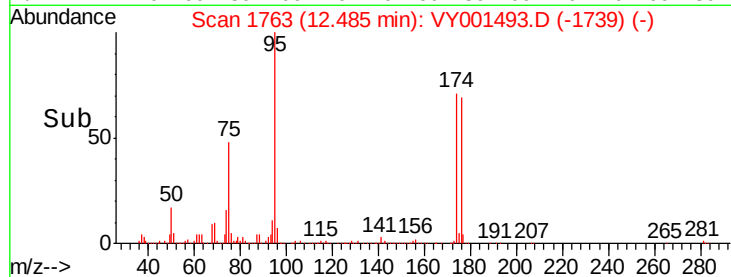
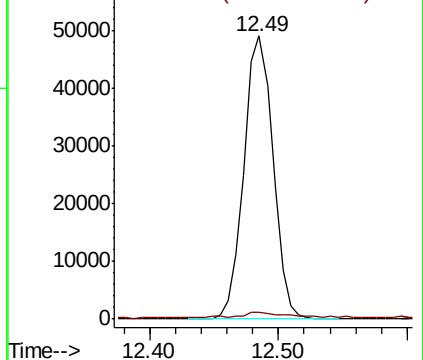
75 100

77 3.4 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: 93.819 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001493.D

Acq: 04 Feb 2020 17:43

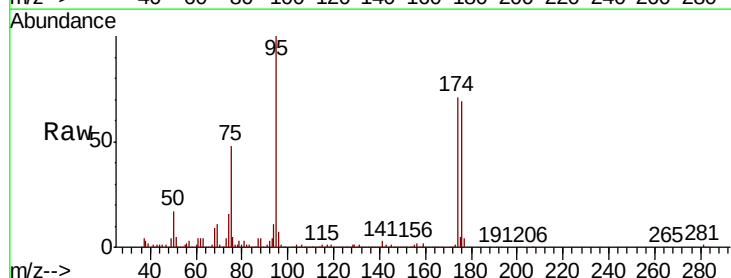
Tgt Ion: 75 Resp: 76574

Ion Ratio Lower Upper

75 100

53 0.7 67.7 101.5#

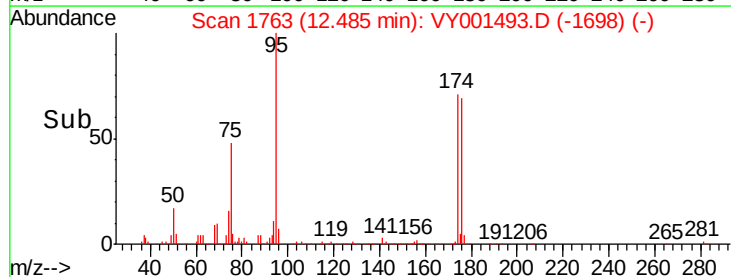
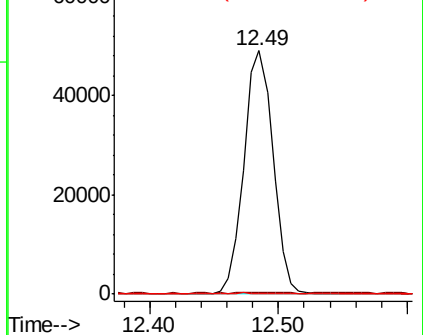
89 0.2 34.6 52.0#

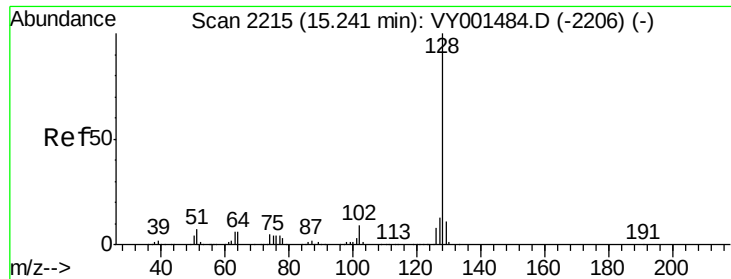


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

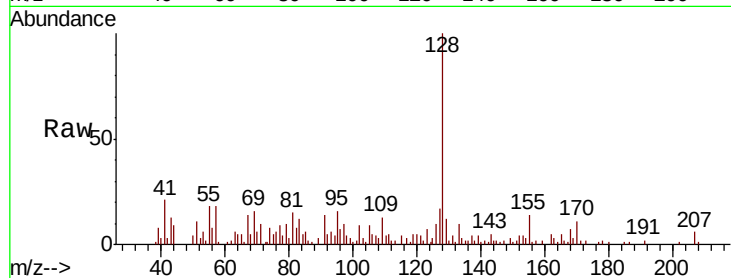




#95
Naphthalene
Concen: 1.758 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001493.D
Acq: 04 Feb 2020 17:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.1	15.1#
129	15.7	8.9	13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

