

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001027.D
 Acq On : 23 Dec 2019 14:45
 Operator : SY/MD
 Sample : K6395-02
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Dec 24 04:43:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	471728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172675	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	138169	55.30	ug/l	0.00
Spiked Amount			Recovery	=	110.60%	
35) Dibromofluoromethane	7.72	113	134922	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	10.18	98	560632	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.48	95	178390	44.95	ug/l	0.00
Spiked Amount			Recovery	=	89.90%	

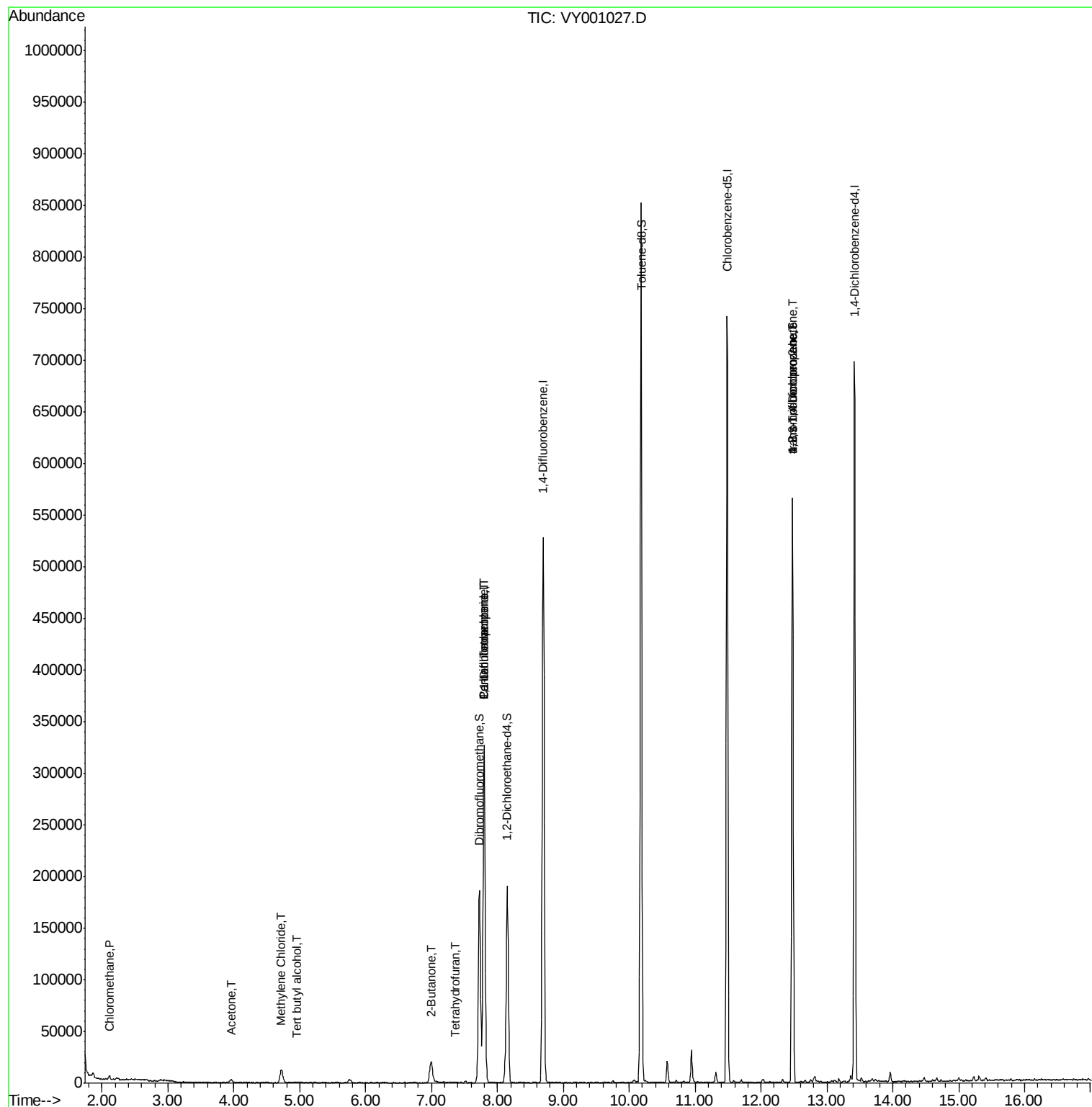
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	3498	1.164	ug/l	99
11) Tert butyl alcohol	4.95	59	399	1.452	ug/l #	74
16) Acetone	3.96	43	4926	8.558	ug/l	97
20) Methylene Chloride	4.71	84	10112	2.985	ug/l #	71
25) 2-Butanone	7.00	43	2304	2.279	ug/l #	47
29) Tetrahydrofuran	7.36	42	897	1.247	ug/l #	50
36) 1,1-Dichloropropene	7.80	75	20764	4.614	ug/l #	49
38) Carbon Tetrachloride	7.80	117	26345	6.682	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	87688	41.193	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87688	87.854	ug/l #	19

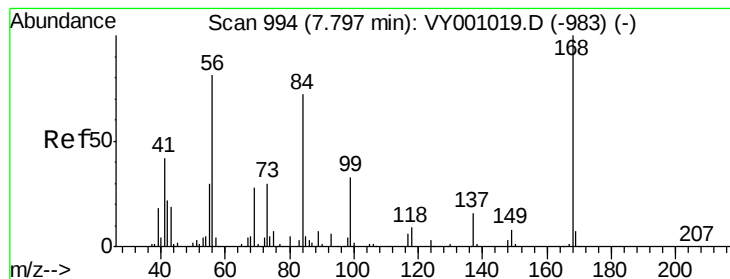
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
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MSVOA_Y
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TP-3

Quant Time: Dec 24 04:43:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001027.D

Acq: 23 Dec 2019 14:45

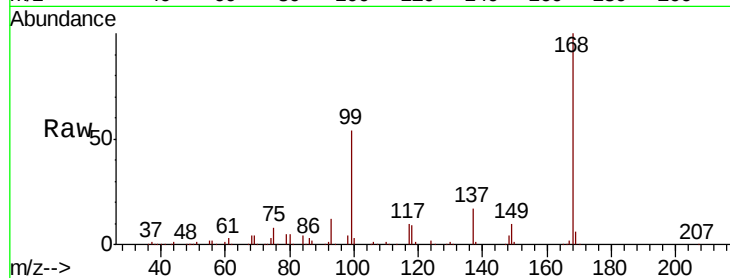
Instrument :
MSVOA_Y
ClientSampled :
TP-3

Tot Ion:168 Resp: 253324

Ion Ratio Lower Upper

168 100

99 54.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

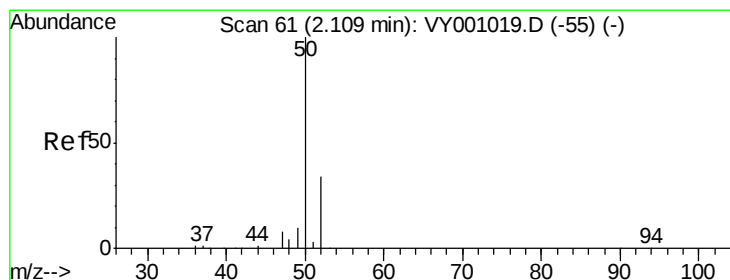
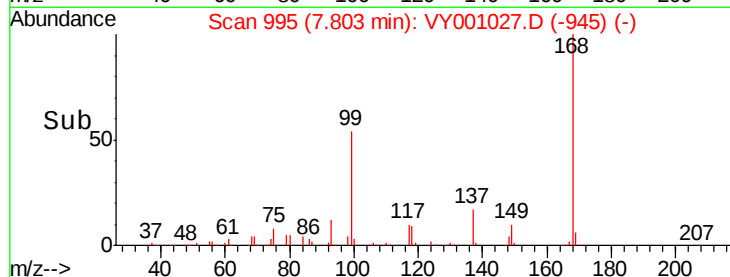
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.164 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001027.D

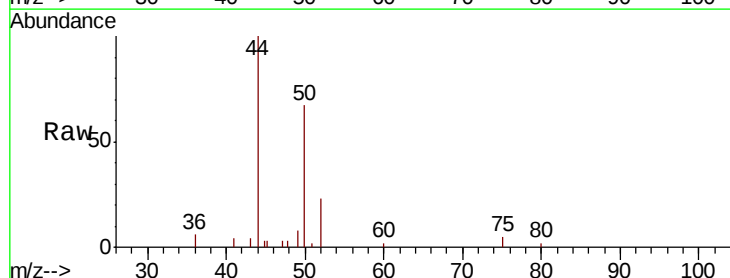
Acq: 23 Dec 2019 14:45

Tgt Ion: 50 Resp: 3498

Ion Ratio Lower Upper

50 100

52 33.5 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY001019.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY001019.D (-55) (-)

2.11

2000

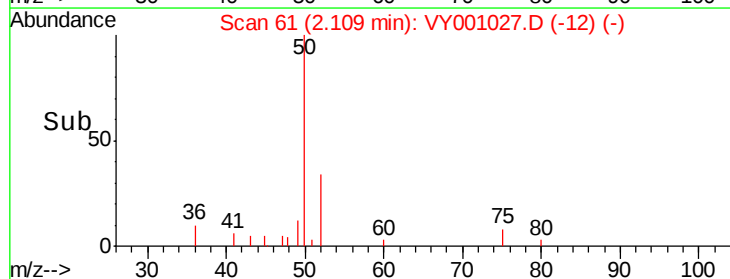
1500

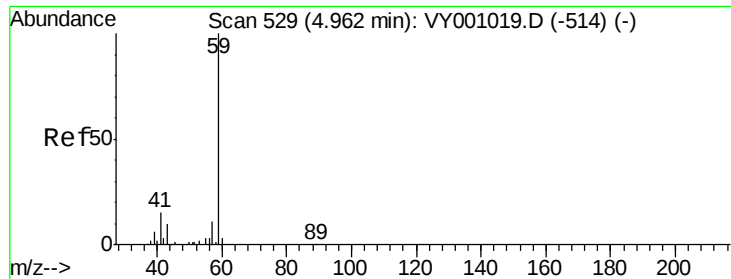
1000

500

0

Time-->

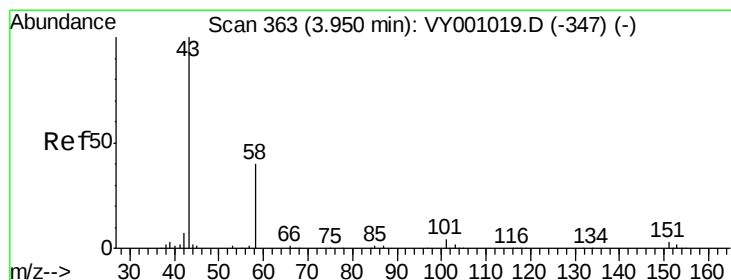
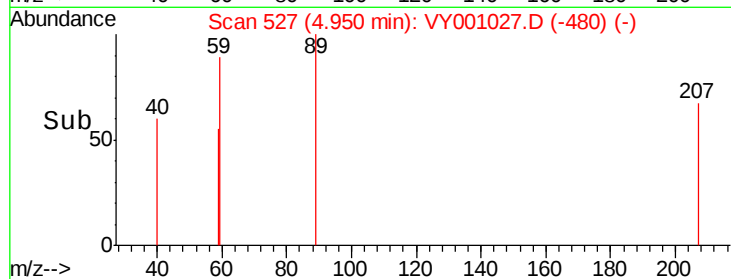
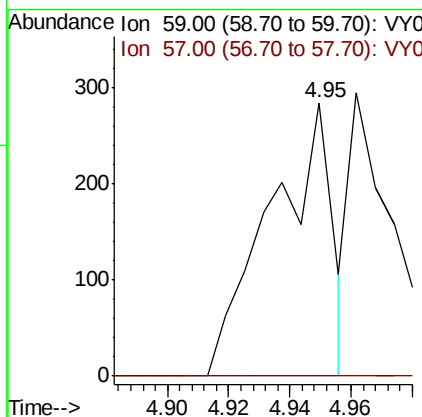
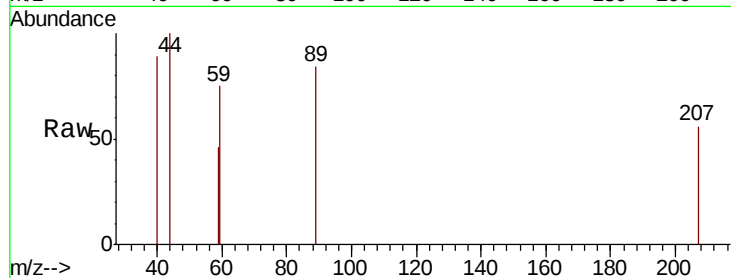




#11
Tert butyl alcohol
Concen: 1.452 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY001027.D
Acq: 23 Dec 2019 14:45

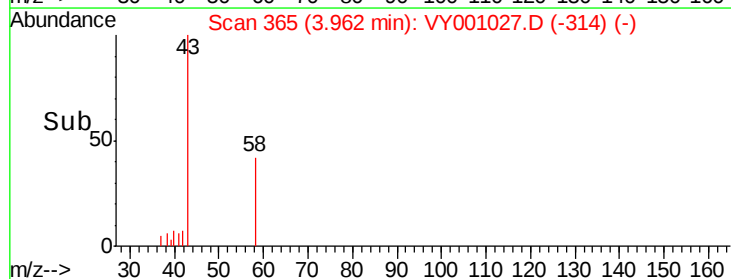
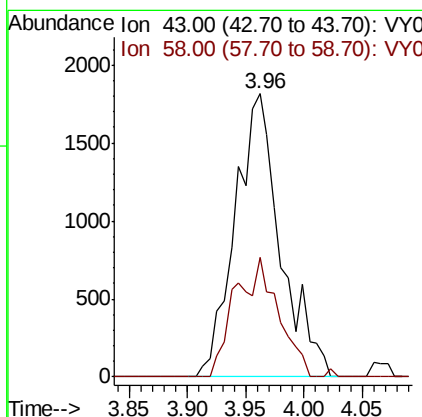
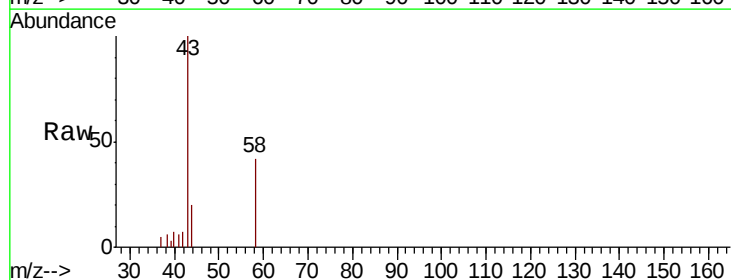
Instrument :
MSVOA_Y
ClientSampled :
TP-3

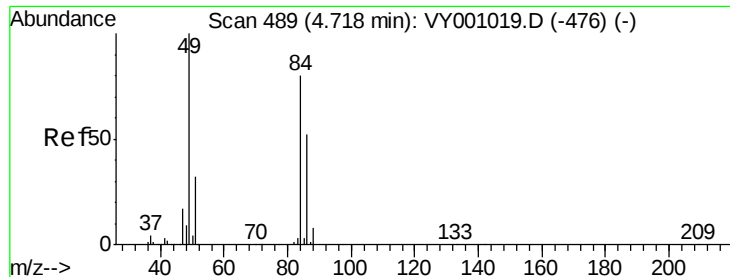
Tot Ion: 59 Resp: 399
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 8.558 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY001027.D
Acq: 23 Dec 2019 14:45

Tgt Ion: 43 Resp: 4926
Ion Ratio Lower Upper
43 100
58 42.3 32.1 48.1

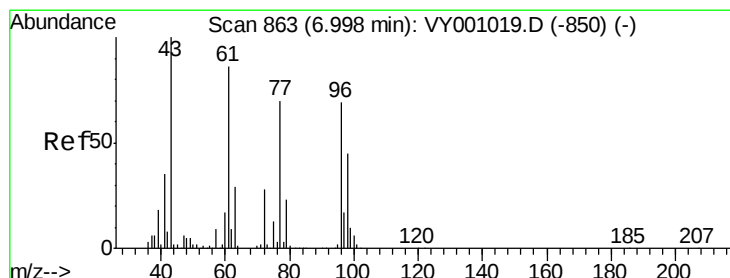
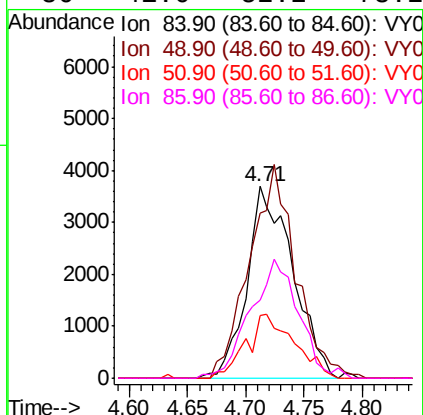
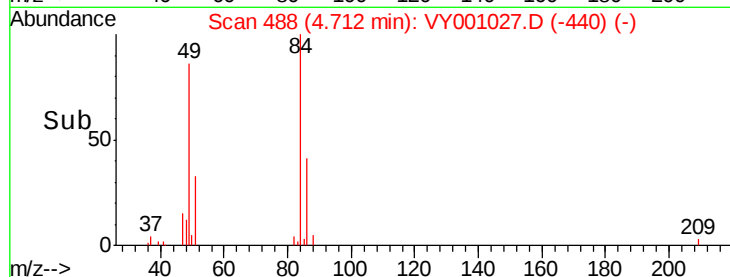
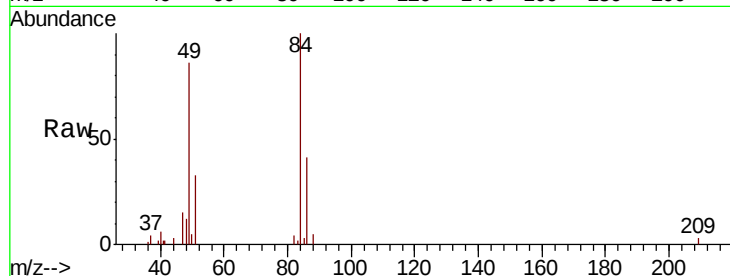




#20
Methvlene Chloride
Concen: 2.985 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY001027.D
Acq: 23 Dec 2019 14:45

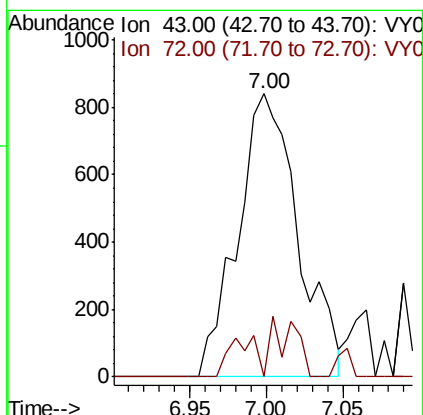
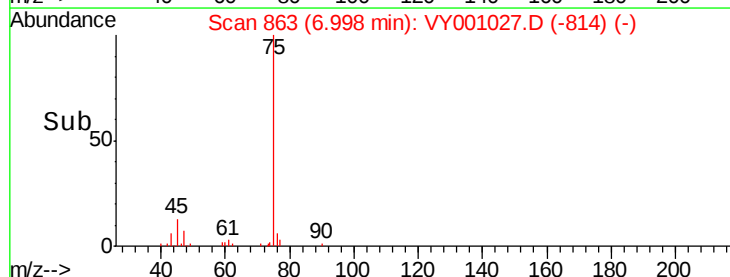
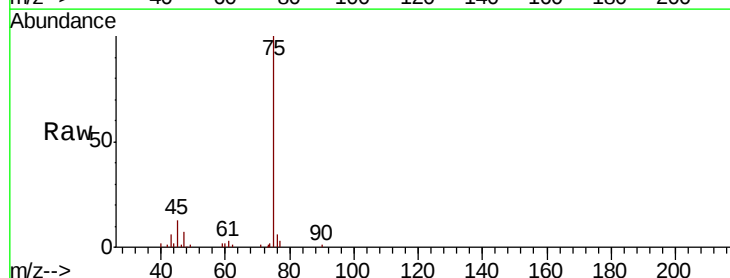
Instrument :
MSVOA_Y
ClientSampled :
TP-3

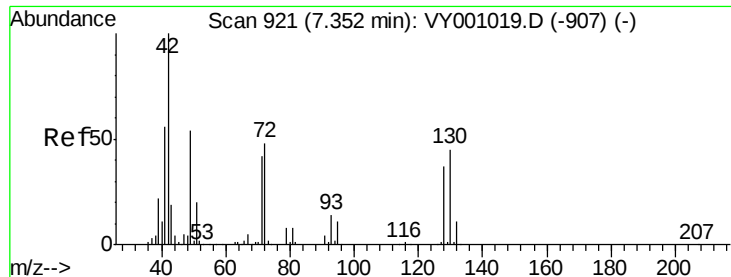
Tot Ion: 84 Resp: 10112
Ion Ratio Lower Upper
84 100
49 86.2 99.8 149.6#
51 32.9 31.4 47.2
86 41.0 52.2 78.2#



#25
2-Butanone
Concen: 2.279 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001027.D
Acq: 23 Dec 2019 14:45

Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
72 0.0 22.4 33.6#





#29

Tetrahydrofuran

Concen: 1.247 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY001027.D

Acq: 23 Dec 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

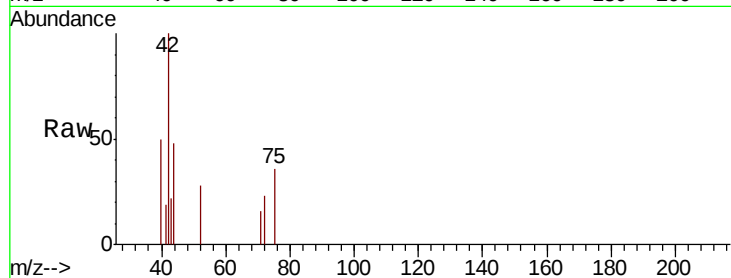
Tot Ion: 42 Resp: 897

Ion Ratio Lower Upper

42 100

72 10.4 37.7 56.5#

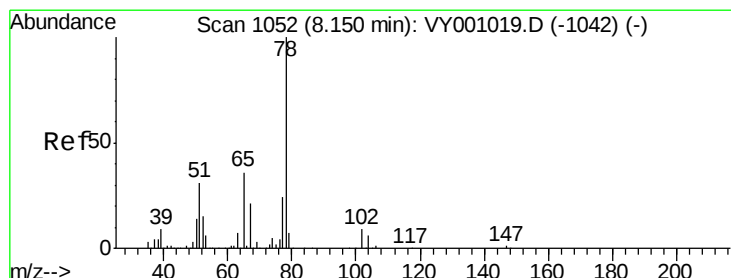
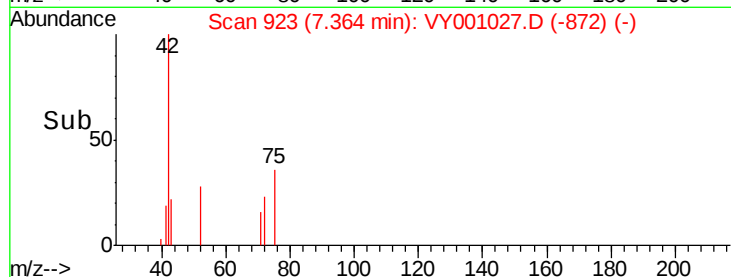
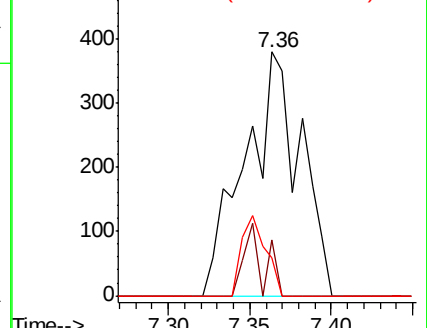
71 14.3 34.6 51.8#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 55.301 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001027.D

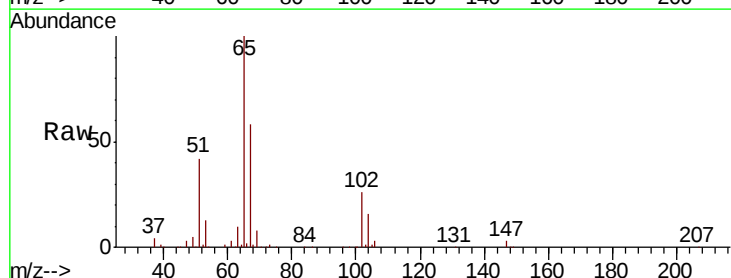
Acq: 23 Dec 2019 14:45

Tgt Ion: 65 Resp: 138169

Ion Ratio Lower Upper

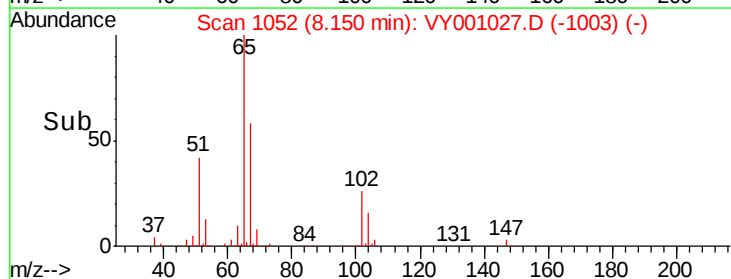
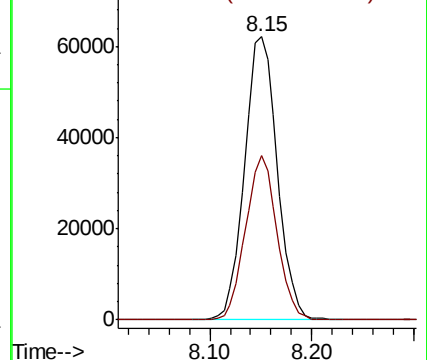
65 100

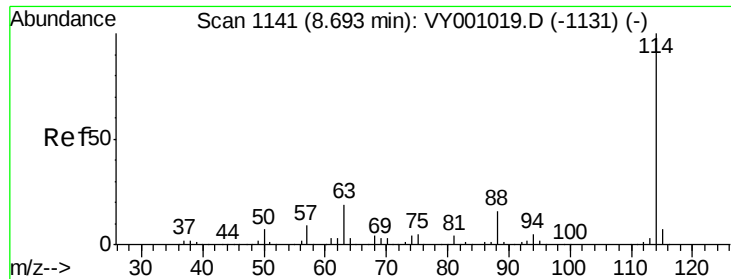
67 55.8 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

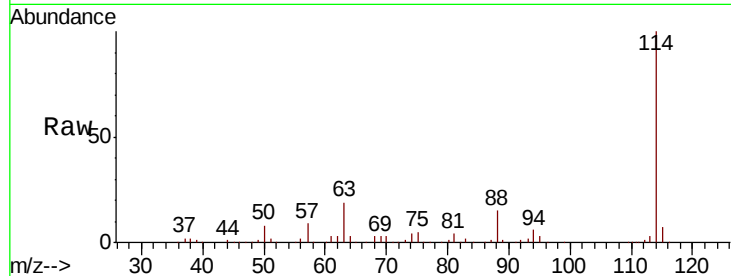




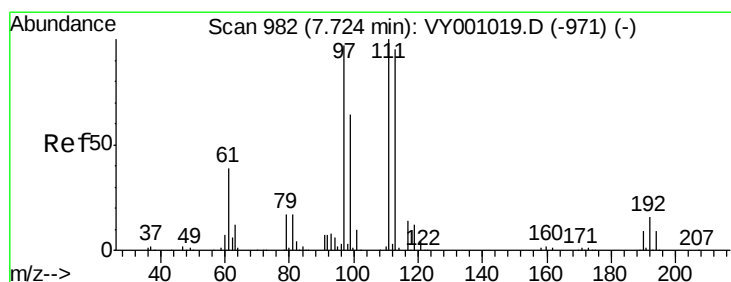
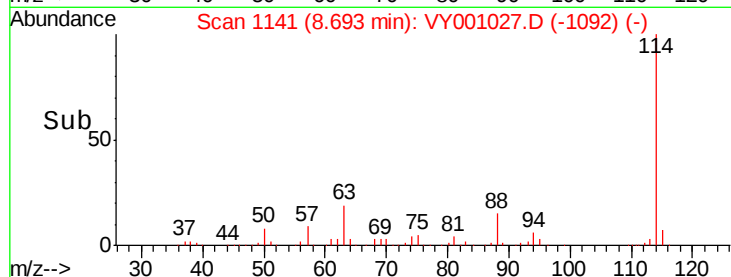
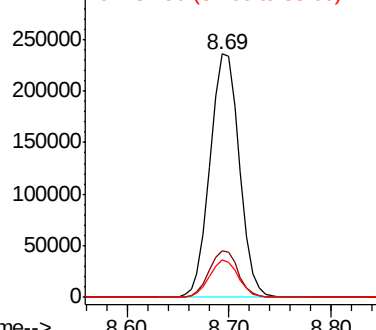
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001027.D
 Acq: 23 Dec 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Tot Ion:114 Resp: 471728
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 15.2 0.0 32.0

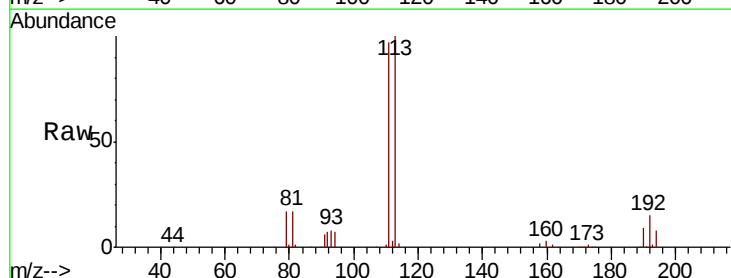


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

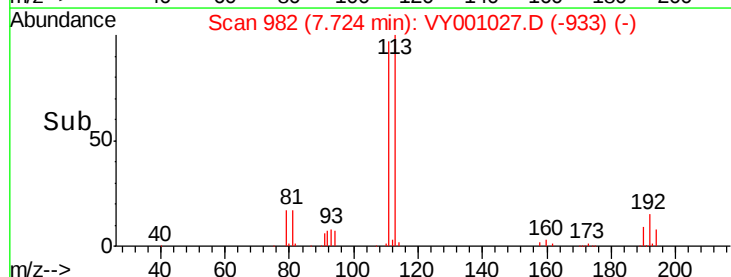
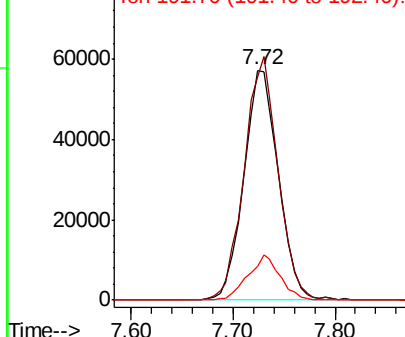


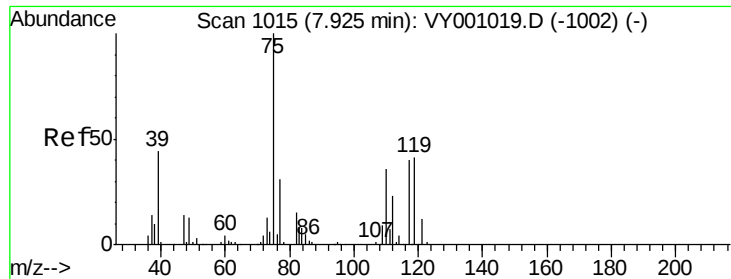
#35
 Dibromofluoromethane
 Concen: 48.572 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001027.D
 Acq: 23 Dec 2019 14:45

Tgt Ion:113 Resp: 134922
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.4
 192 18.3 14.6 21.8



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

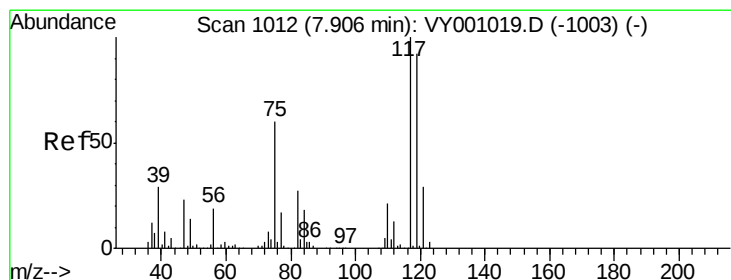
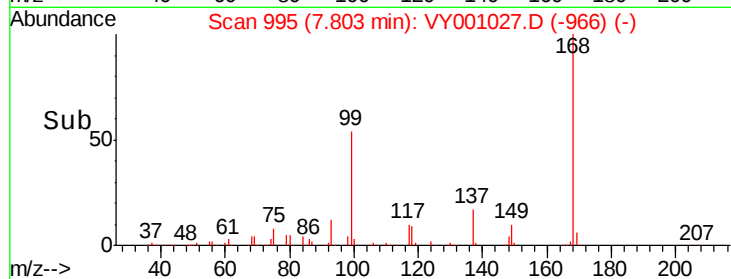
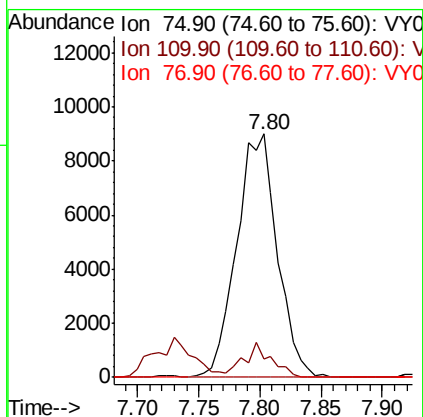
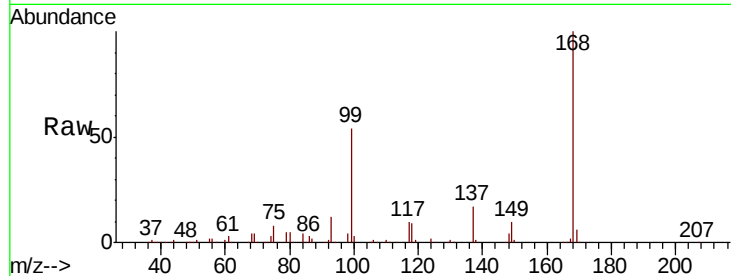




#36
 1,1-Dichloropropene
 Concen: 4.614 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001027.D
 Acq: 23 Dec 2019 14:45

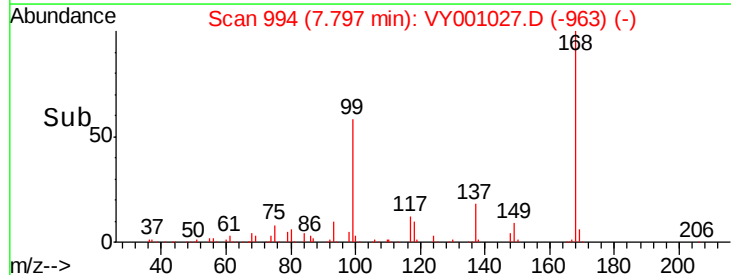
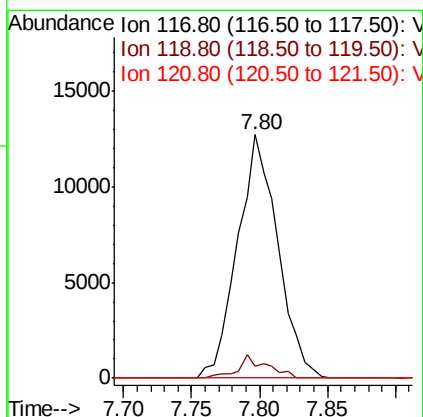
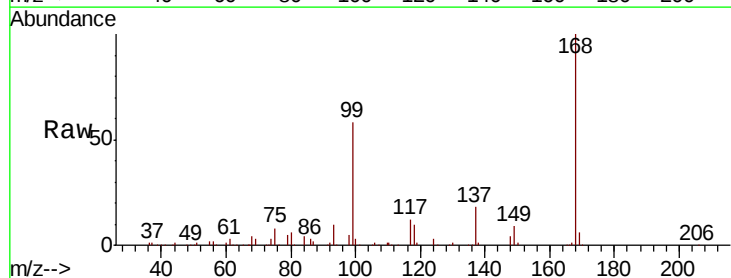
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-3

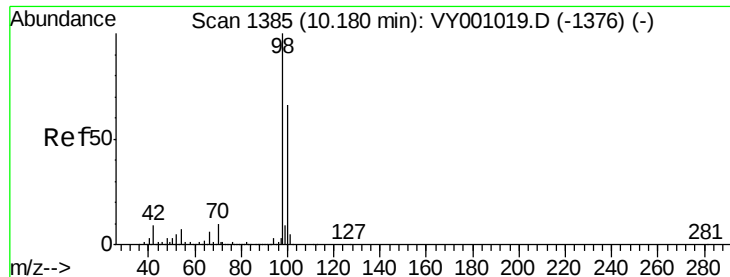
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.682 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001027.D
 Acq: 23 Dec 2019 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.2	111.2#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 51.645 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001027.D

Acq: 23 Dec 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

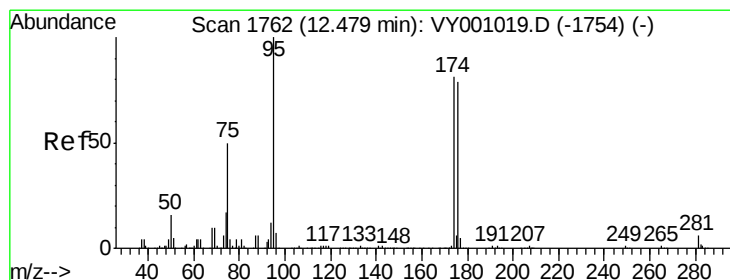
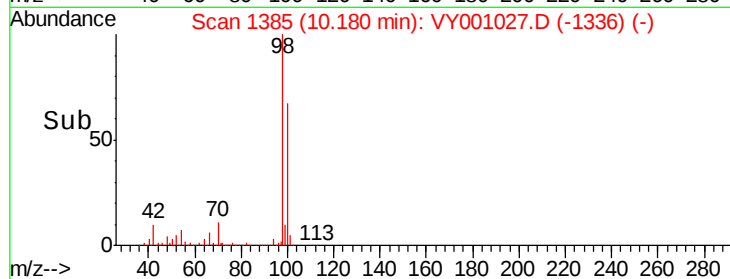
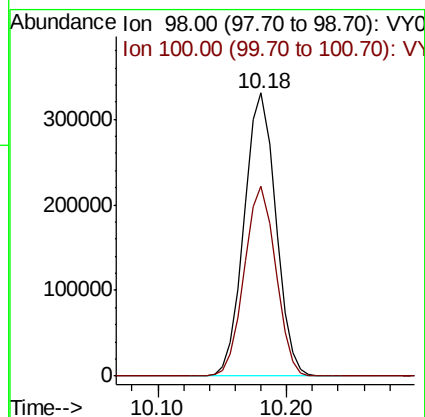
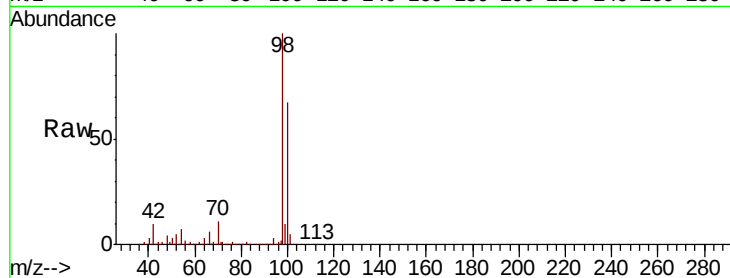
TP-3

Tot Ion: 98 Resp: 560632

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 44.946 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001027.D

Acq: 23 Dec 2019 14:45

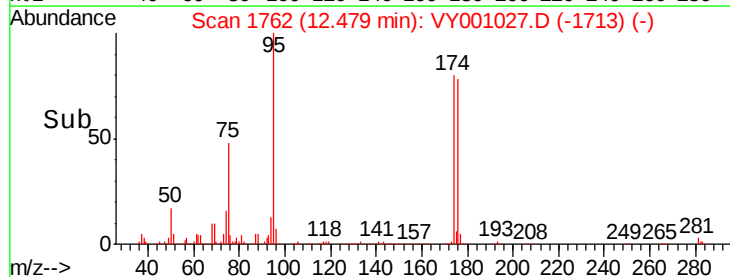
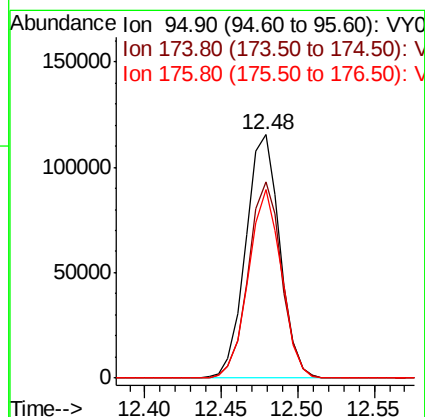
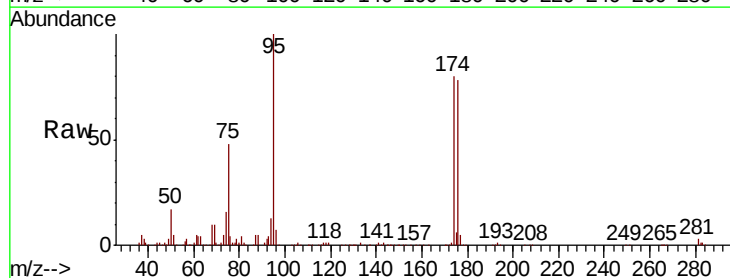
Tgt Ion: 95 Resp: 178390

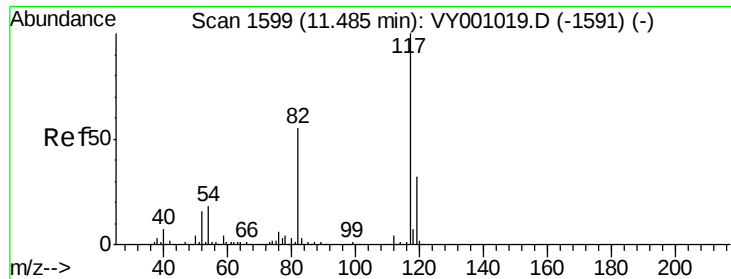
Ion Ratio Lower Upper

95 100

174 78.8 0.0 156.4

176 75.4 0.0 155.0

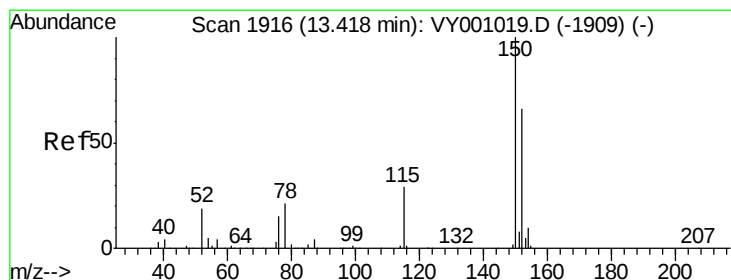
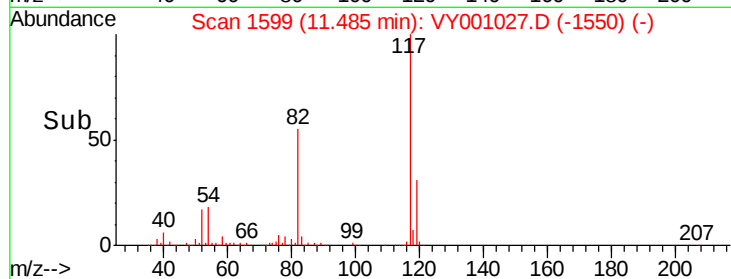
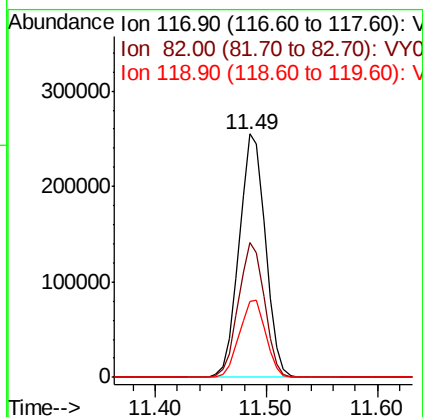
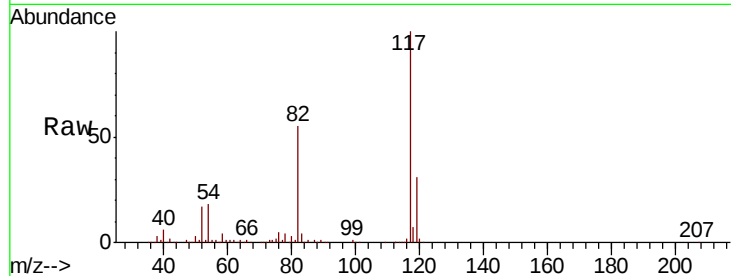




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001027.D
Acq: 23 Dec 2019 14:45

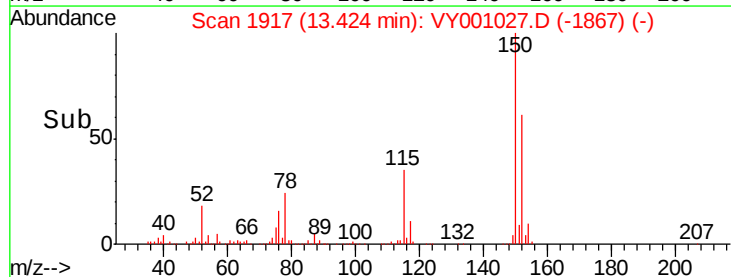
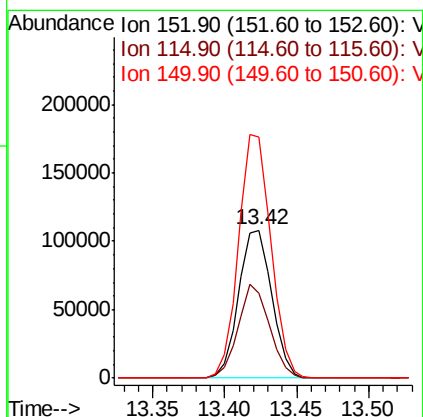
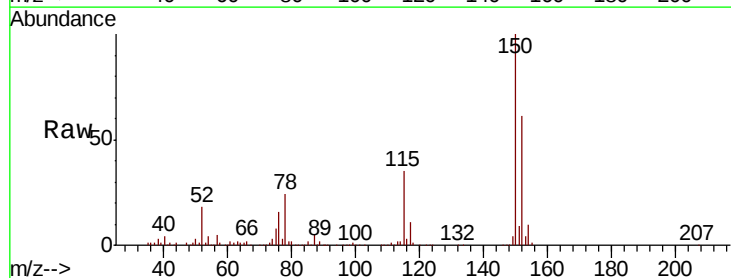
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

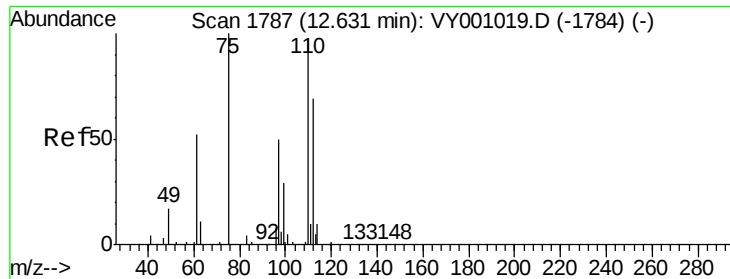
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.8	65.8
119	31.4	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001027.D
Acq: 23 Dec 2019 14:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.8	89.3
150	160.3	0.0	352.6





#76

1,2,3-Trichloropropane

Concen: 41.193 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001027.D

Acq: 23 Dec 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

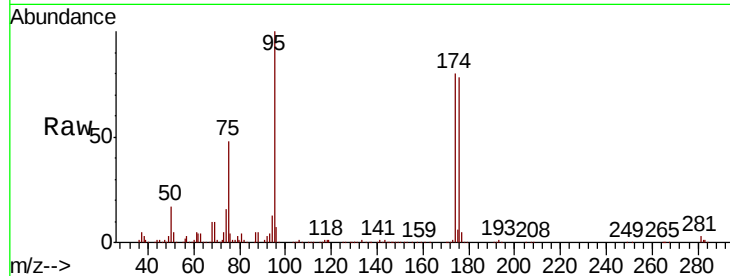
TP-3

Tot Ion: 75 Resp: 87688

Ion Ratio Lower Upper

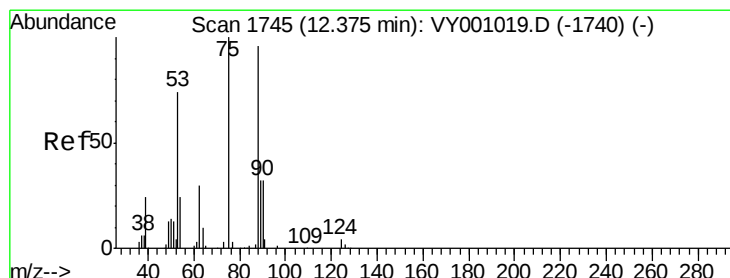
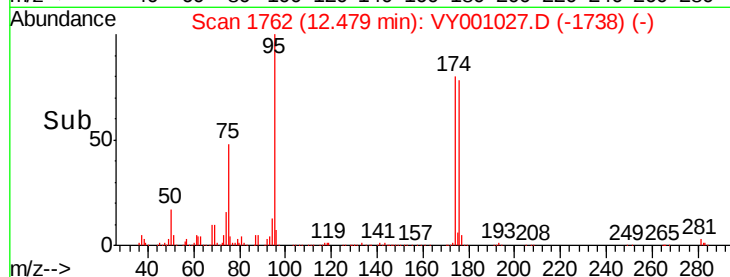
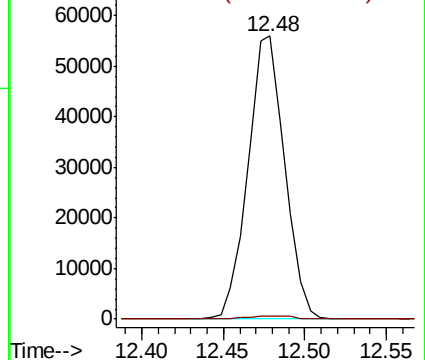
75 100

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: 87.854 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001027.D

Acq: 23 Dec 2019 14:45

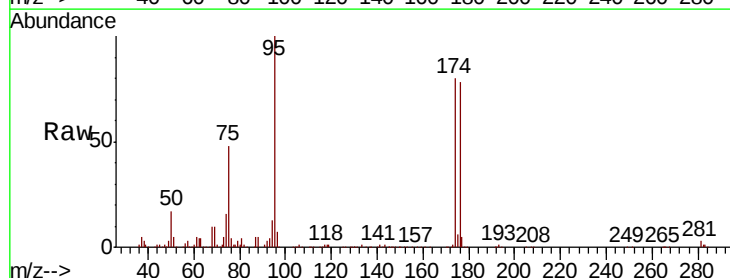
Tgt Ion: 75 Resp: 87688

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.1 35.4 53.0#



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

