

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001040.D
 Acq On : 24 Dec 2019 12:20
 Operator : SY/MD
 Sample : K6396-03
 Misc : 5.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)

Quant Time: Dec 25 01:35:47 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	253649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	467601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	418304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	182588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	139931	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
35) Dibromofluoromethane	7.73	113	138102	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	10.18	98	559937	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.48	95	181401	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	

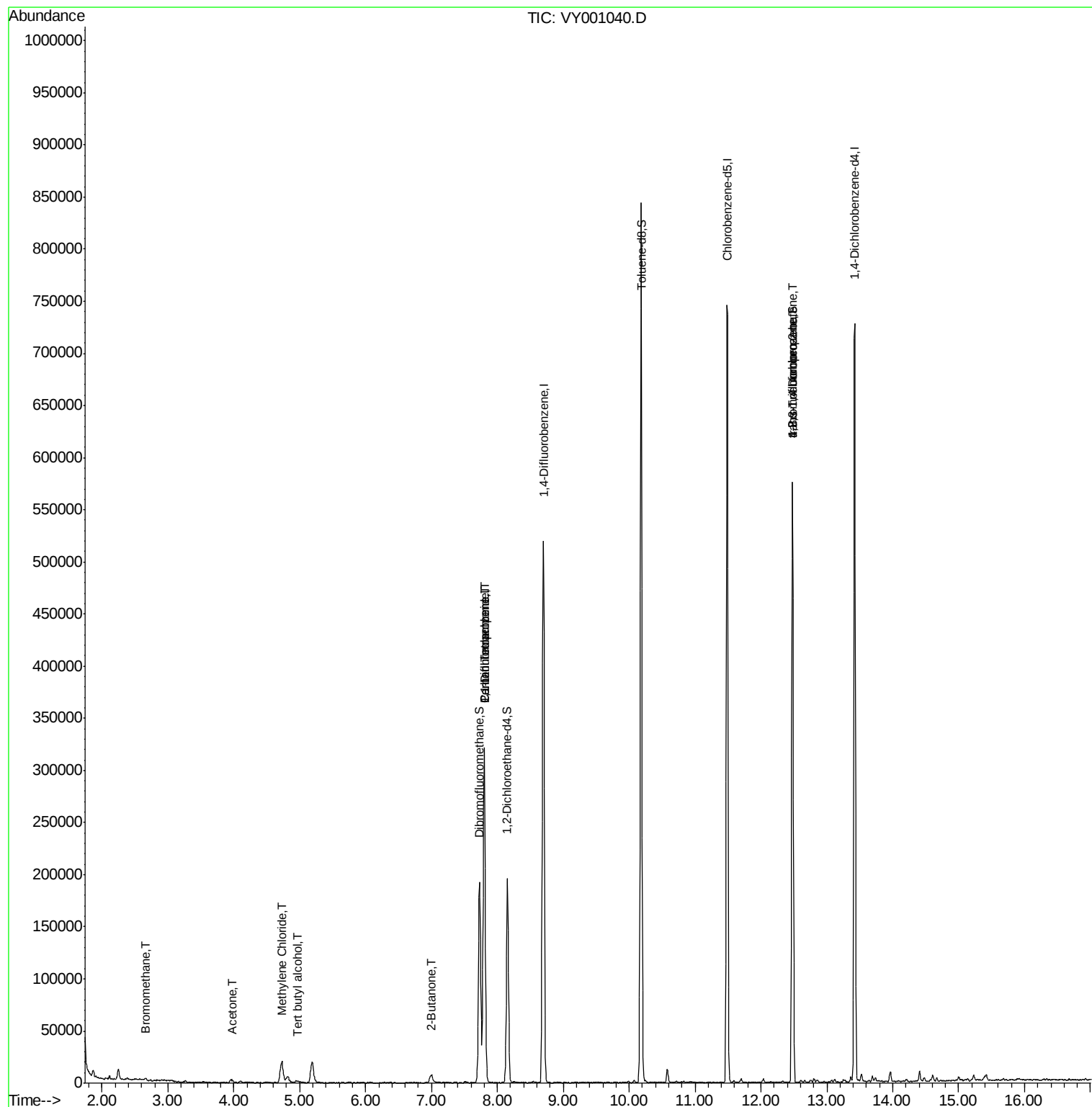
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	901	1.178	ug/l #	47
11) Tert butyl alcohol	4.96	59	2188	7.954	ug/l	96
16) Acetone	3.97	43	5382	9.339	ug/l #	70
20) Methylene Chloride	4.73	84	16447	4.848	ug/l #	86
25) 2-Butanone	7.00	43	1724	1.703	ug/l #	47
36) 1,1-Dichloropropene	7.80	75	19407	4.351	ug/l #	49
38) Carbon Tetrachloride	7.80	117	25353	6.487	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	88588	39.356	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88588	83.937	ug/l #	19

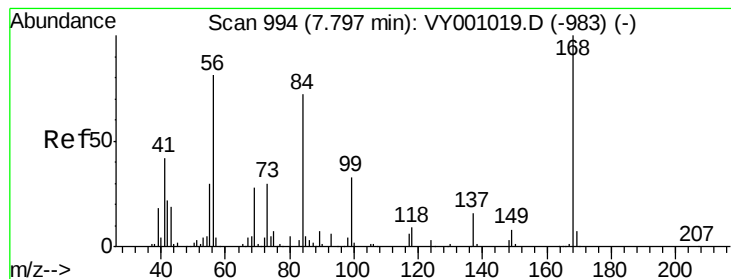
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
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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: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

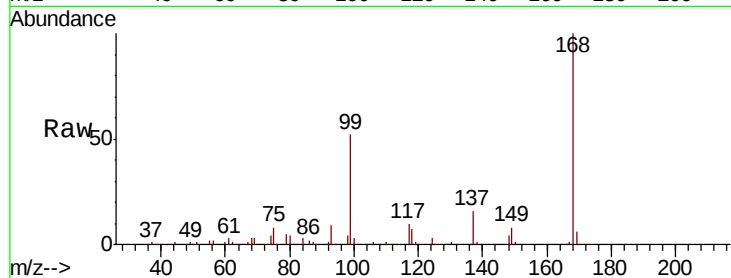
SB-2-(4-5)

Tgt Ion:168 Resp: 253649

Ion Ratio Lower Upper

168 100

99 51.8 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

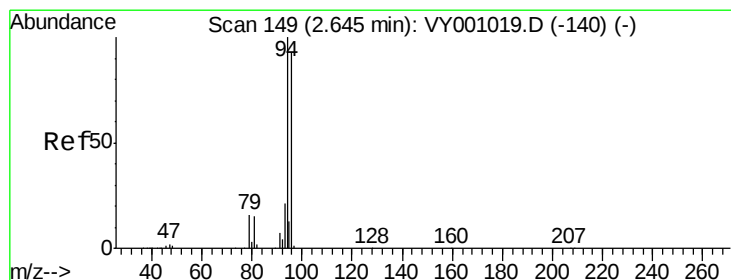
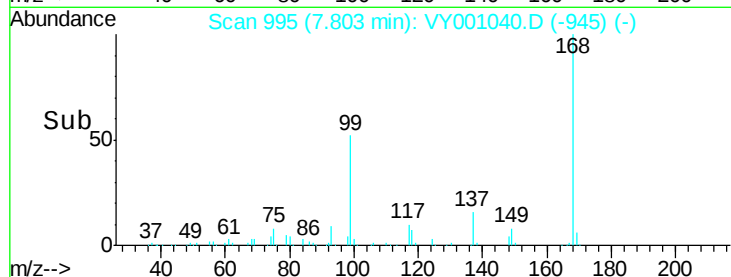
100000

50000

0

7.70 7.80 7.90

Time-->



#5

Bromomethane

Concen: 1.178 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001040.D

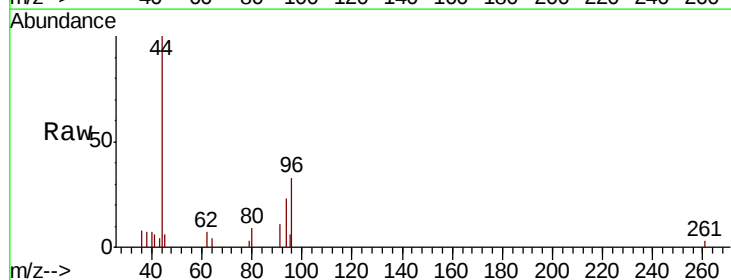
Acq: 24 Dec 2019 12:20

Tgt Ion: 94 Resp: 901

Ion Ratio Lower Upper

94 100

96 143.4 74.2 111.4#



Abundance Ion 93.90 (93.60 to 94.60): VY001019.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VY001019.D (-140) (-)

2.66

600

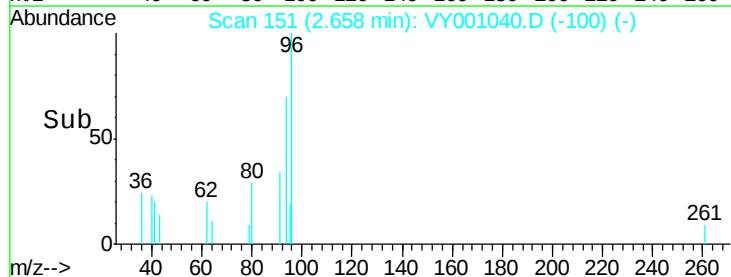
400

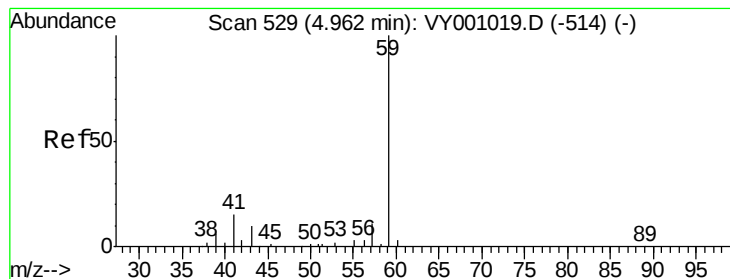
200

0

2.60 2.65 2.70

Time-->



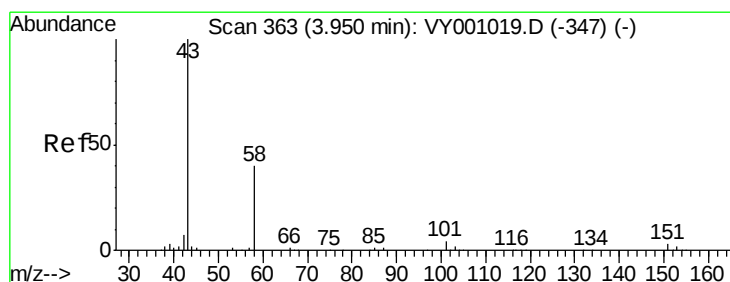
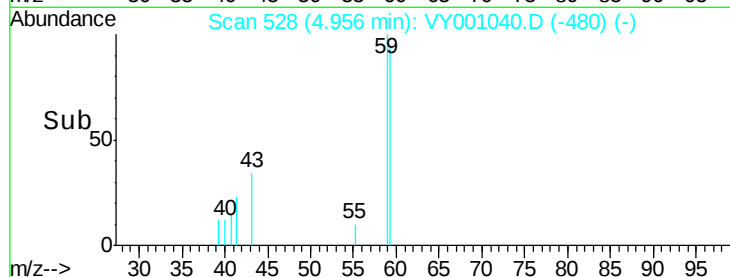
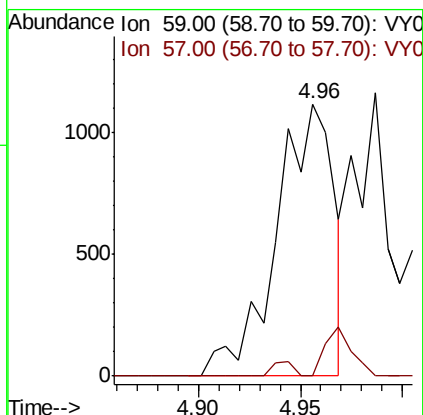
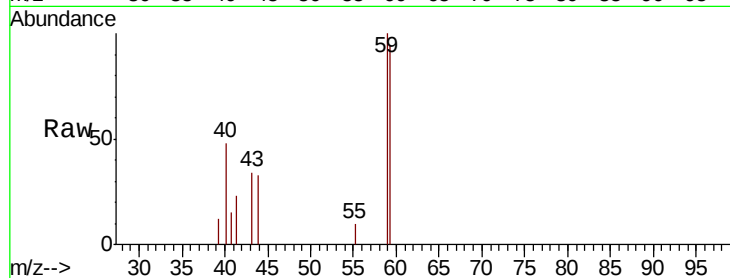


#11

Tert butyl alcohol
 Concen: 7.954 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY001040.D
 Acq: 24 Dec 2019 12:20

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-2-(4-5)

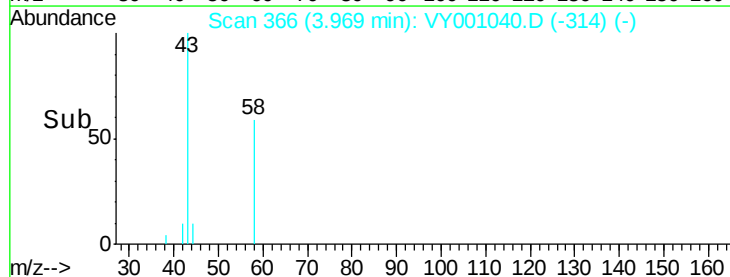
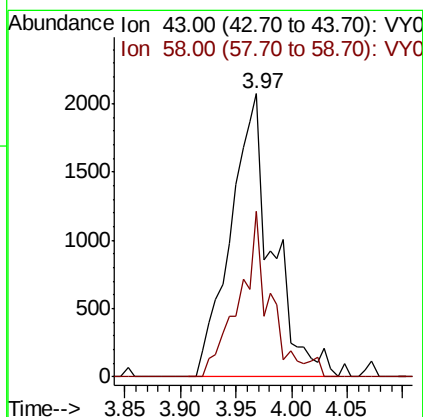
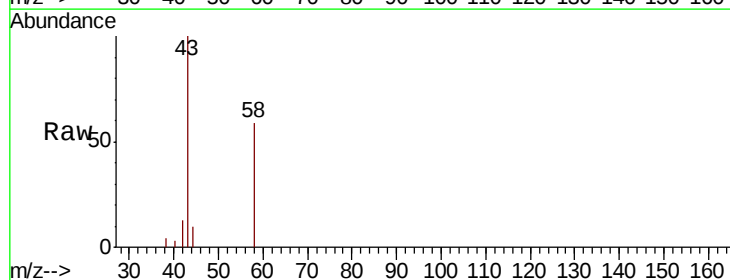
Tgt Ion: 59 Resp: 2188
 Ion Ratio Lower Upper
 59 100
 57 8.2 7.8 11.6

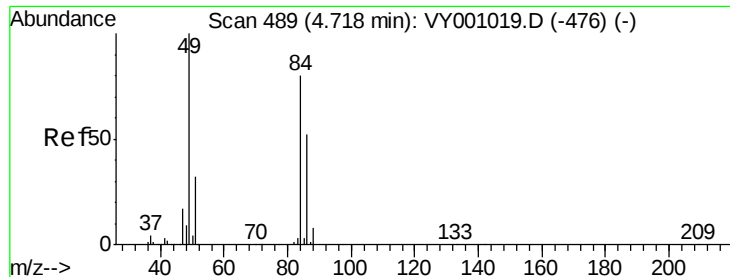


#16

Acetone
 Concen: 9.339 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VY001040.D
 Acq: 24 Dec 2019 12:20

Tgt Ion: 43 Resp: 5382
 Ion Ratio Lower Upper
 43 100
 58 58.6 32.1 48.1#

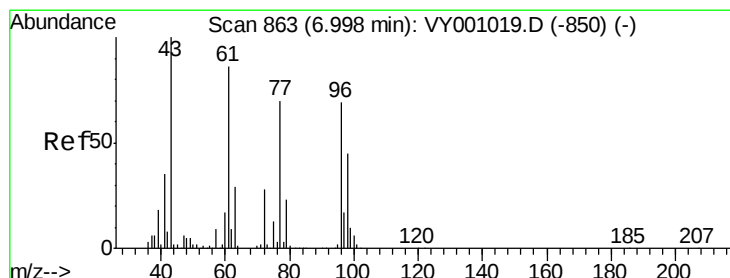
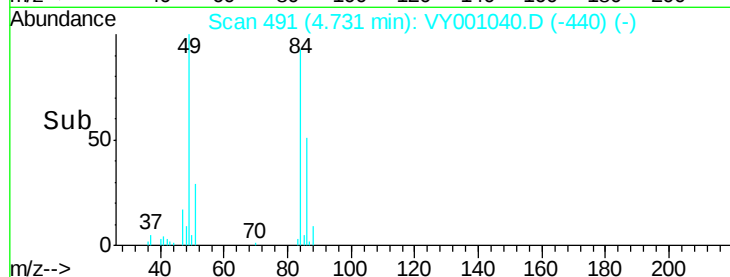
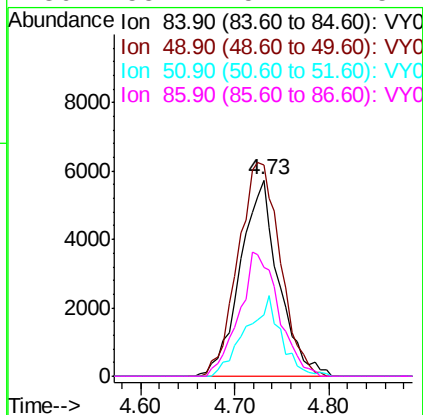
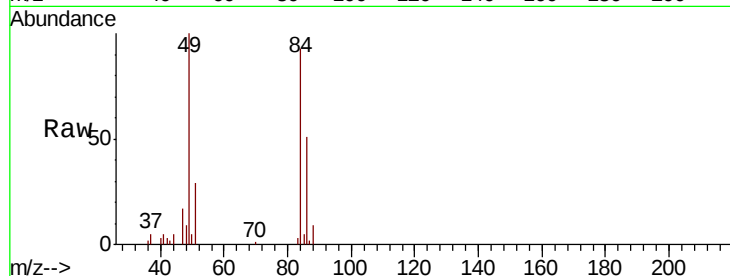




#20
Methylene Chloride
Concen: 4.848 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001040.D
Acq: 24 Dec 2019 12:20

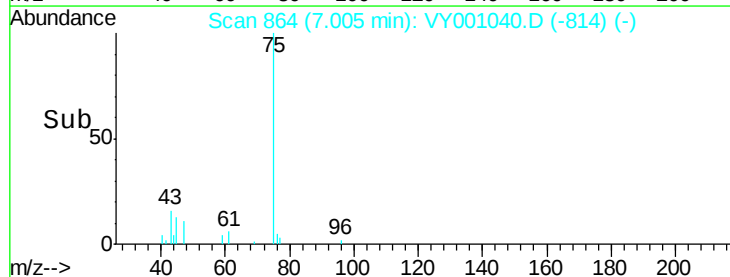
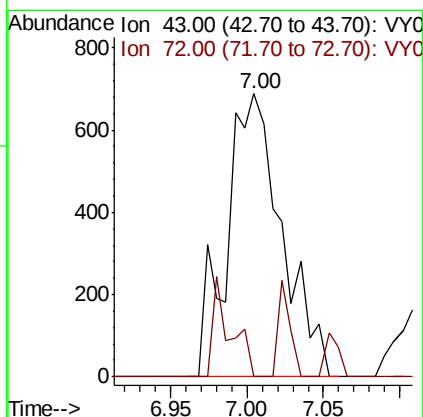
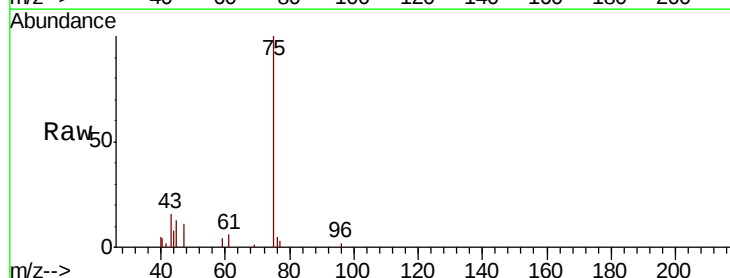
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)

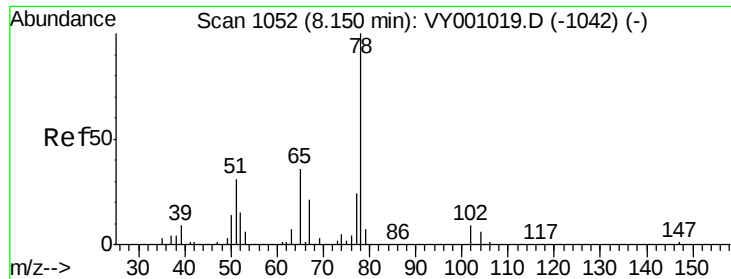
Tgt Ion: 84 Resp: 16447
Ion Ratio Lower Upper
84 100
49 107.3 99.8 149.6
51 31.0 31.4 47.2#
86 55.2 52.2 78.2



#25
2-Butanone
Concen: 1.703 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001040.D
Acq: 24 Dec 2019 12:20

Tgt Ion: 43 Resp: 1724
Ion Ratio Lower Upper
43 100
72 0.0 22.4 33.6#





#33

1,2-Dichloroethane-d4

Concen: 55.935 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

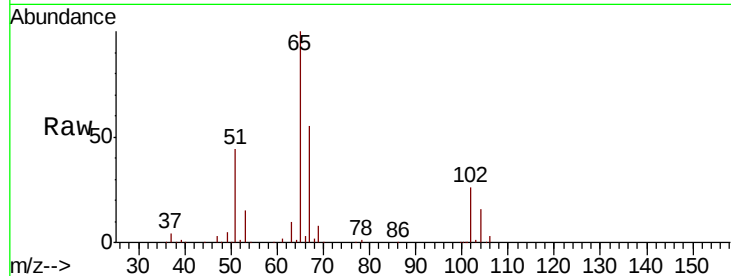
SB-2-(4-5)

Tgt Ion: 65 Resp: 139931

Ion Ratio Lower Upper

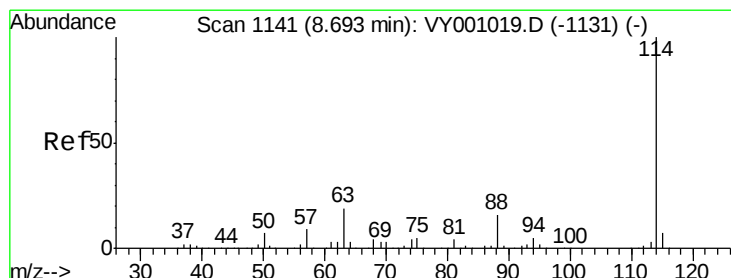
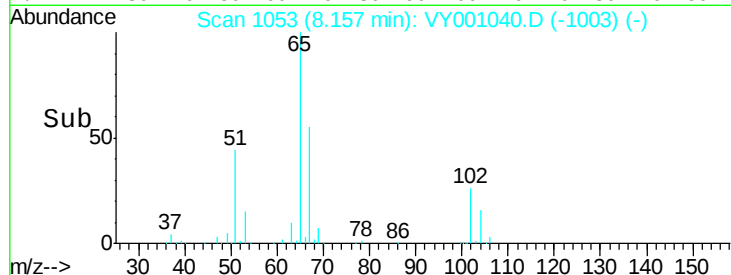
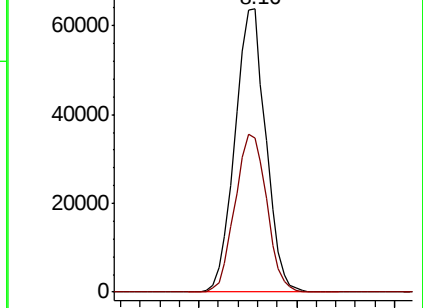
65 100

67 57.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001040.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001040.D (-1042) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

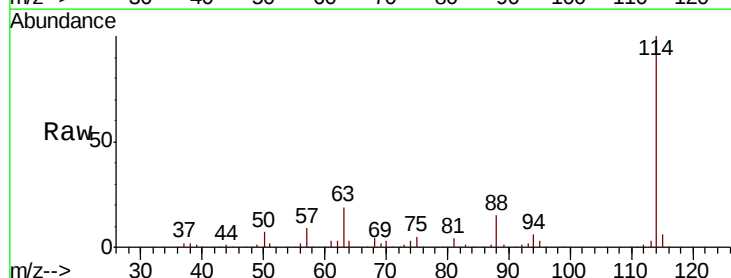
Tgt Ion: 114 Resp: 467601

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

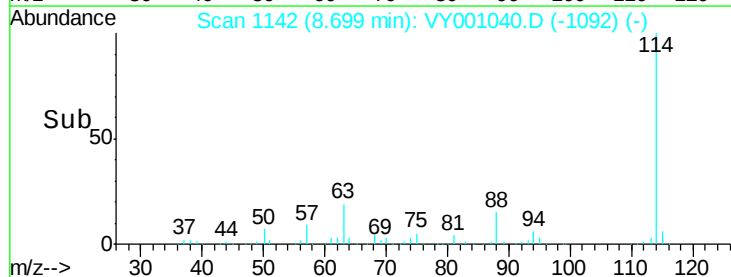
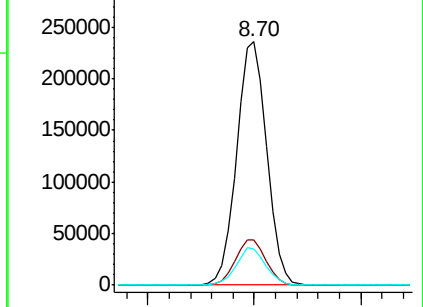
88 14.7 0.0 32.0

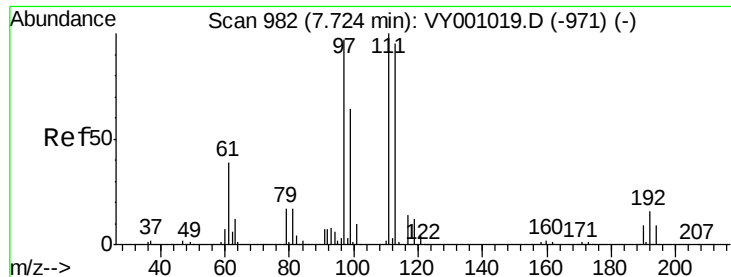


Abundance Ion 113.90 (113.60 to 114.60): VY001040.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY001040.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY001040.D (-1092) (-)

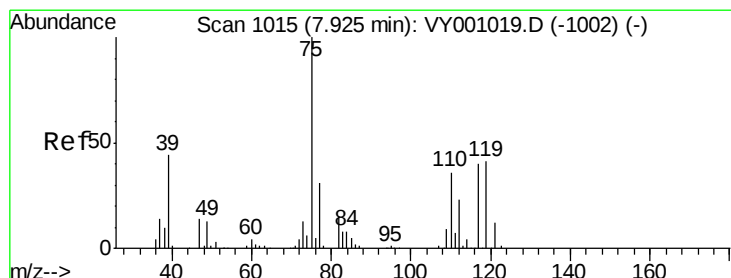
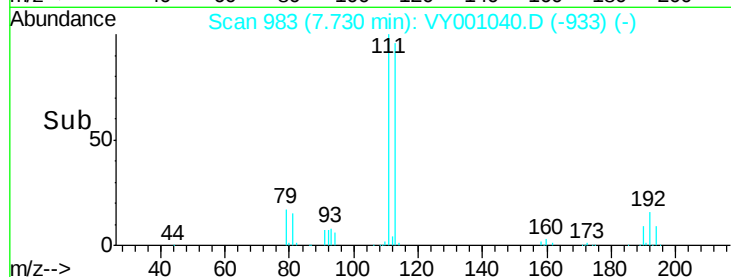
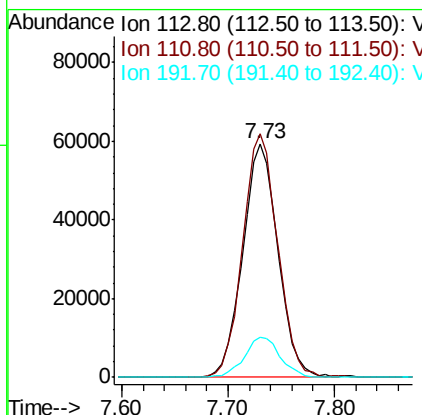
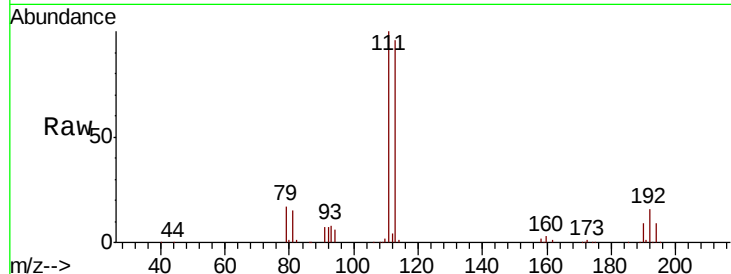




#35
 Dibromofluoromethane
 Concen: 50.155 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001040.D
 Acq: 24 Dec 2019 12:20

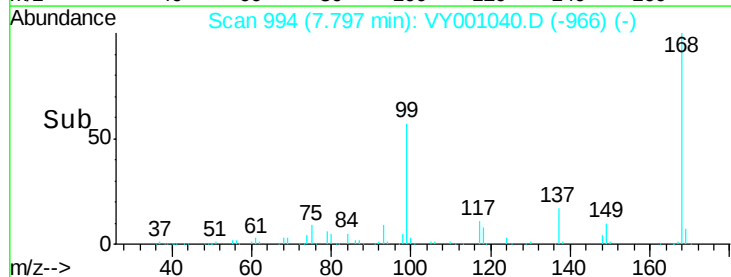
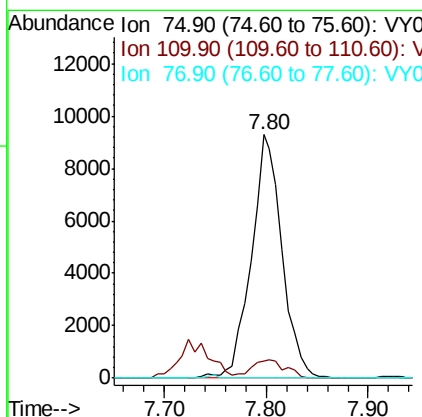
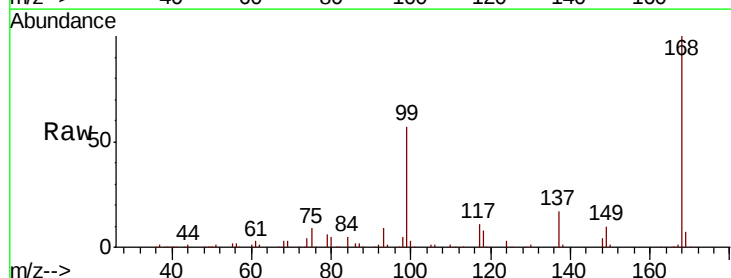
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)

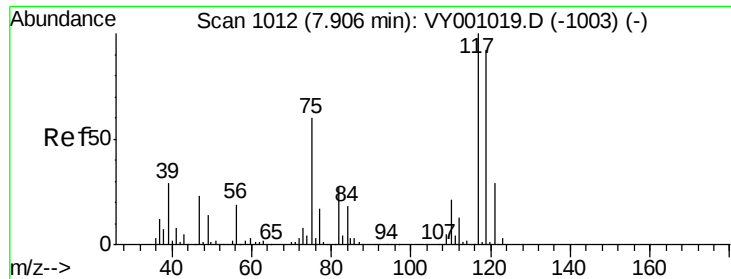
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	17.4	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 4.351 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001040.D
 Acq: 24 Dec 2019 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)

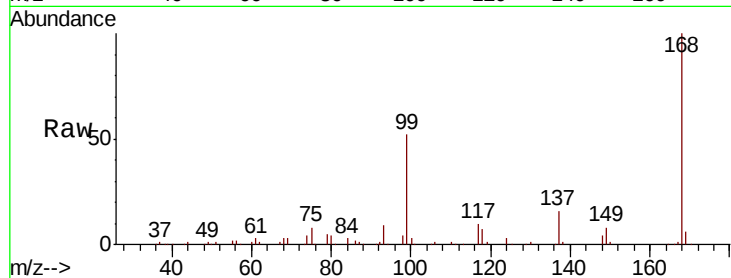
Tgt Ion: 117 Resp: 25353

Ion Ratio Lower Upper

117 100

119 7.2 74.2 111.2#

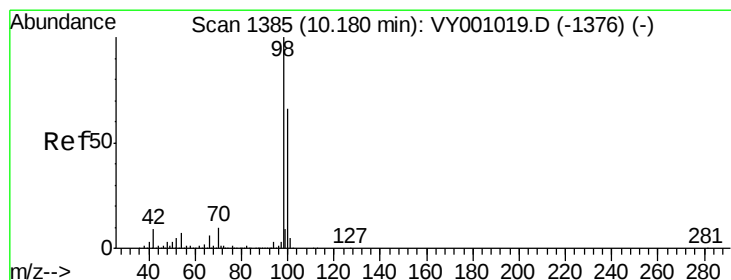
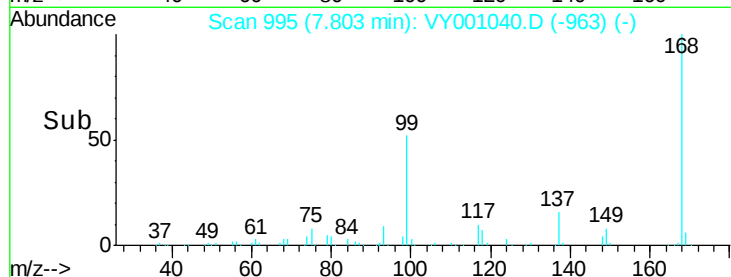
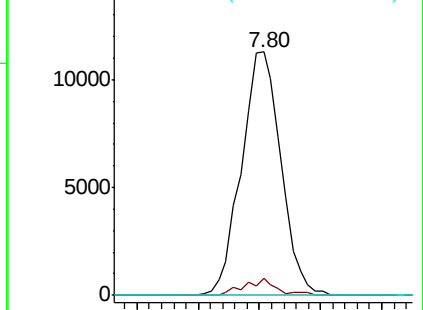
121 0.0 22.9 34.3#



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: 52.036 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001040.D

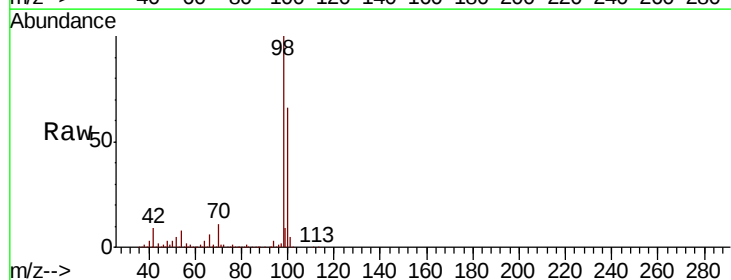
Acq: 24 Dec 2019 12:20

Tgt Ion: 98 Resp: 559937

Ion Ratio Lower Upper

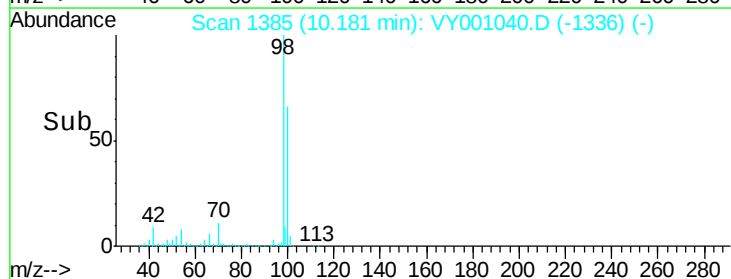
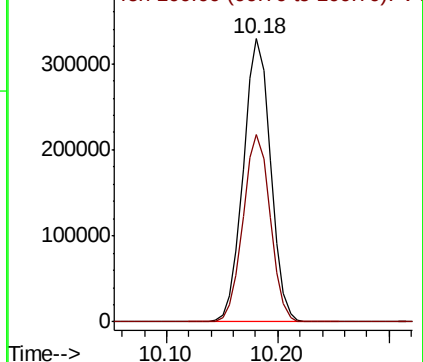
98 100

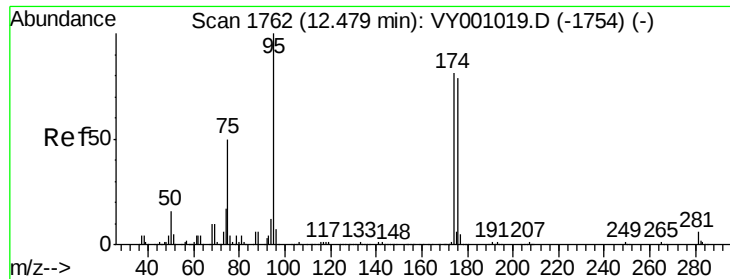
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

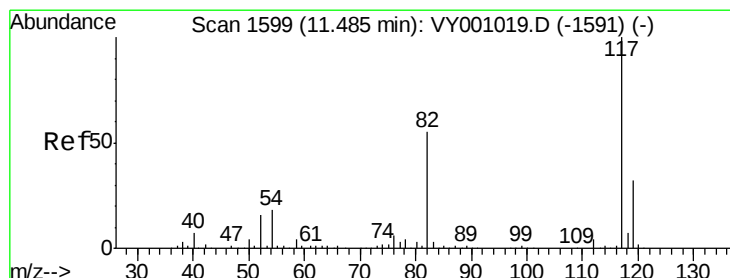
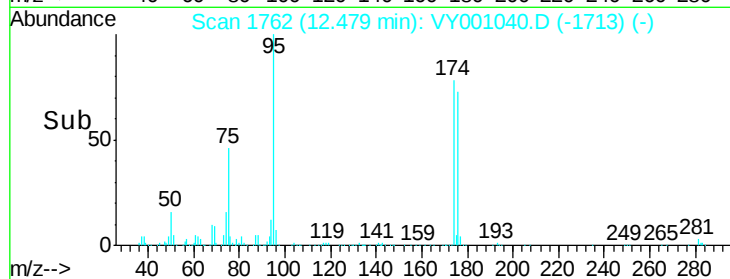
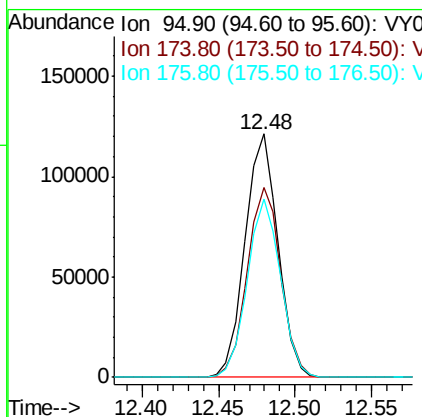
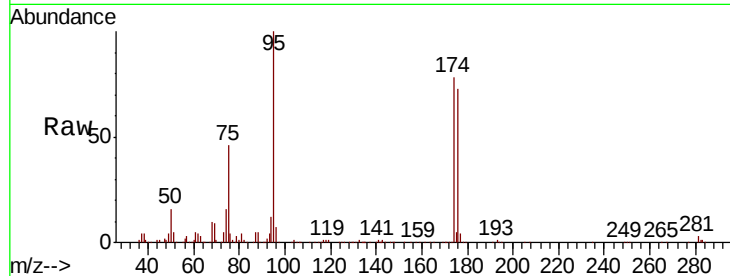




#62
4-Bromofluorobenzene
Concen: 46.108 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001040.D
Acq: 24 Dec 2019 12:20

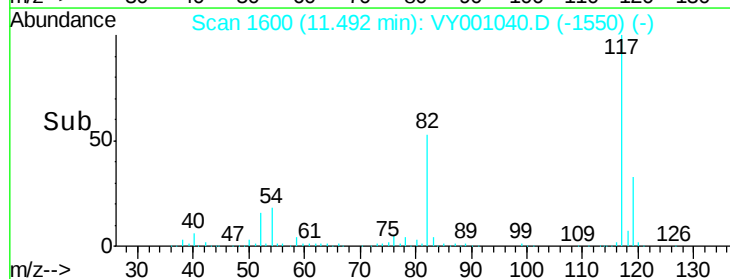
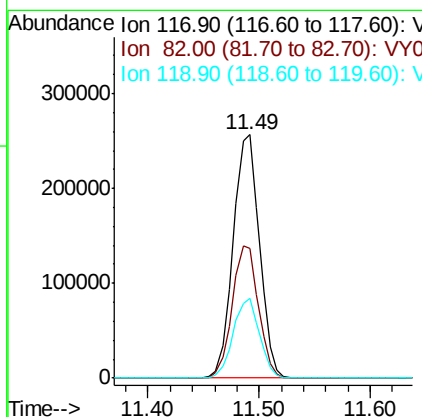
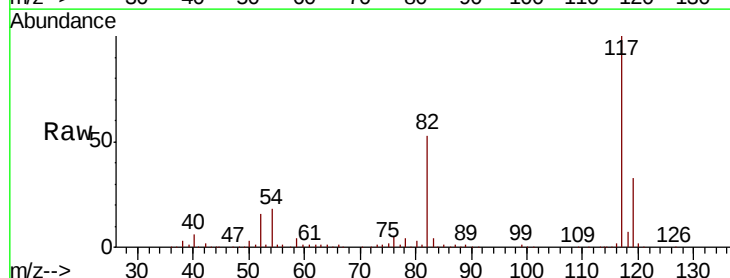
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)

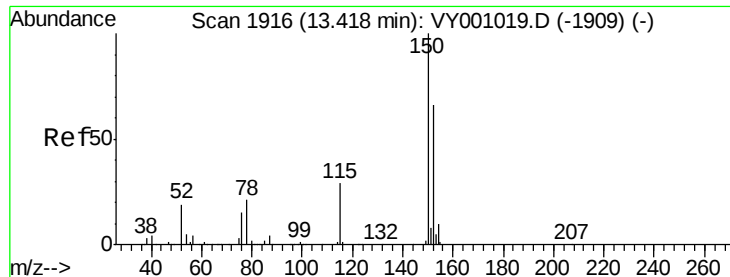
Tgt Ion: 95 Resp: 181401
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.4
176 74.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001040.D
Acq: 24 Dec 2019 12:20

Tgt Ion: 117 Resp: 418304
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 32.8 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: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)

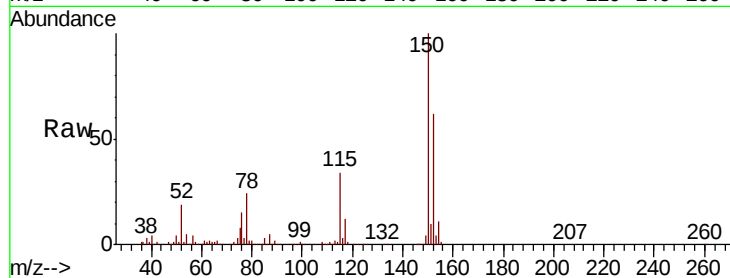
Tgt Ion:152 Resp: 182588

Ion Ratio Lower Upper

152 100

115 59.5 29.8 89.3

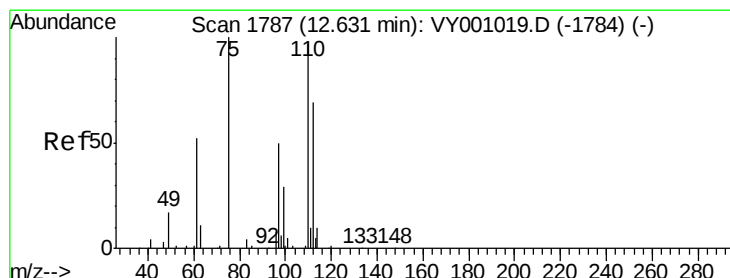
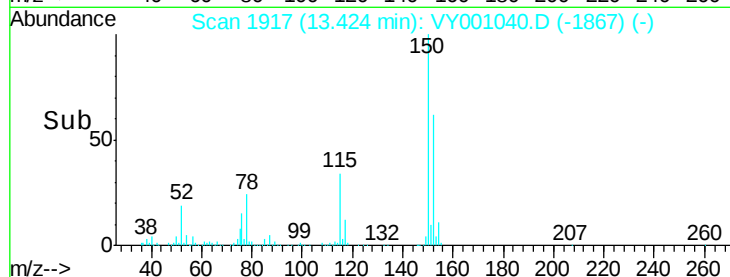
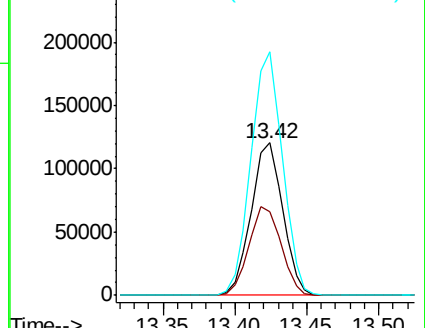
150 159.4 0.0 352.6



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: 39.356 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001040.D

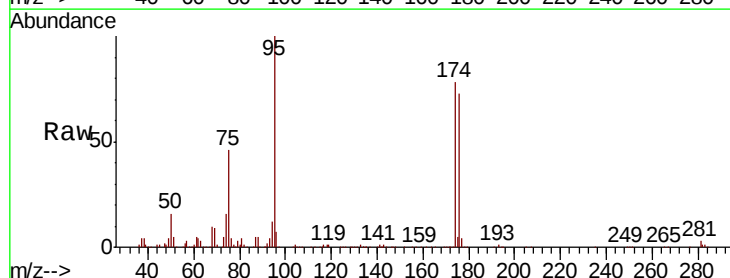
Acq: 24 Dec 2019 12:20

Tgt Ion: 75 Resp: 88588

Ion Ratio Lower Upper

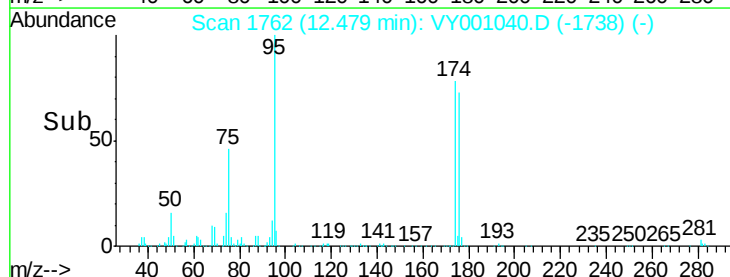
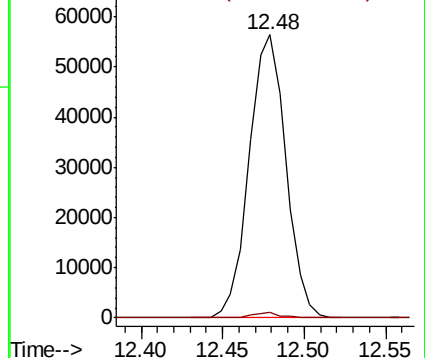
75 100

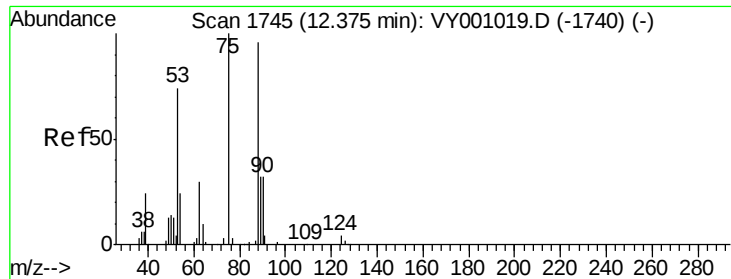
77 1.4 0.0 0.0#



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: 83.937 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)

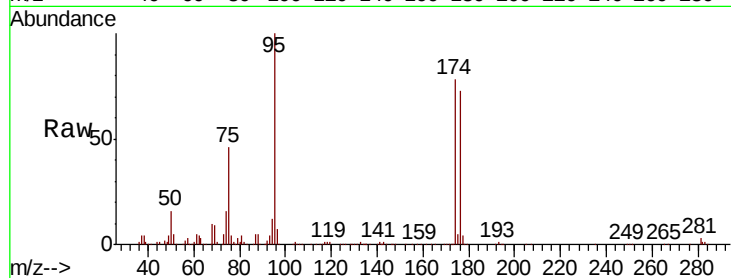
Tgt Ion: 75 Resp: 88588

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.3 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

