

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001299.D
 Acq On : 20 Jan 2020 16:33
 Operator : SY/MD
 Sample : L1164-01
 Misc : 7.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	195928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	361178	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	328701	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	158294	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	117016	56.55	ug/l	0.00
Spiked Amount			Recovery	=	113.10%	
35) Dibromofluoromethane	7.74	113	107826	50.99	ug/l	-0.01
Spiked Amount			Recovery	=	101.98%	
50) Toluene-d8	10.19	98	428366	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.49	95	160727	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	

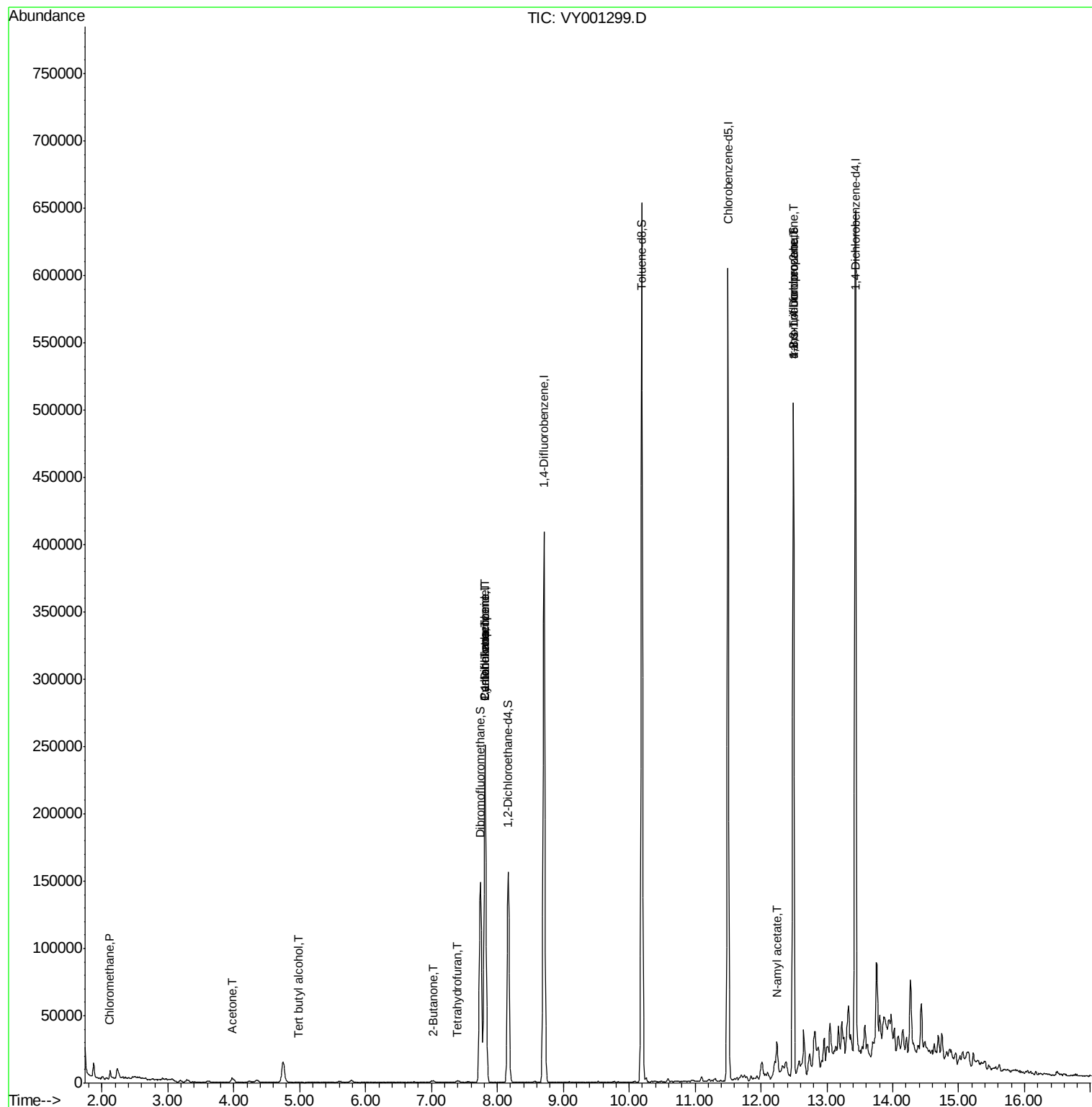
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	4907	2.262	ug/l	95
11) Tert butyl alcohol	4.99	59	212	1.018	ug/l	98
16) Acetone	3.97	43	5622	11.698	ug/l #	88
20) Methylene Chloride	4.75	84	11689	Below Cal		96
25) 2-Butanone	7.03	43	1076	1.439	ug/l	97
29) Tetrahydrofuran	7.39	42	605	1.180	ug/l #	78
31) Cyclohexane	7.82	56	4139	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	15324	4.655	ug/l #	49
38) Carbon Tetrachloride	7.82	117	19373	6.422	ug/l #	15
74) N-amyl acetate	12.24	43	7232	1.947	ug/l #	68
76) 1,2,3-Trichloropropane	12.49	75	78198	46.147	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	78198	78.255	ug/l #	7

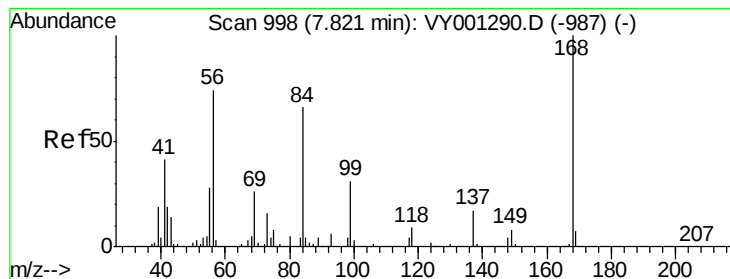
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 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: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

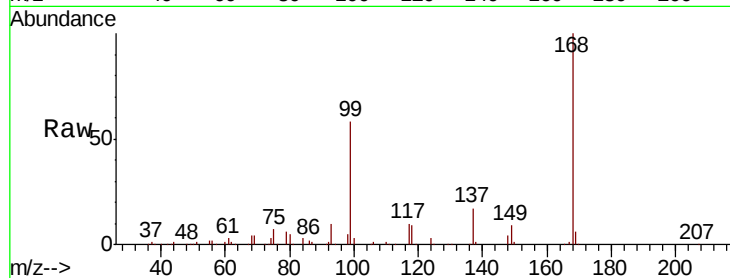
ClientSampleId :

Tot Ion:168 Resp: 195928

Ion Ratio Lower Upper

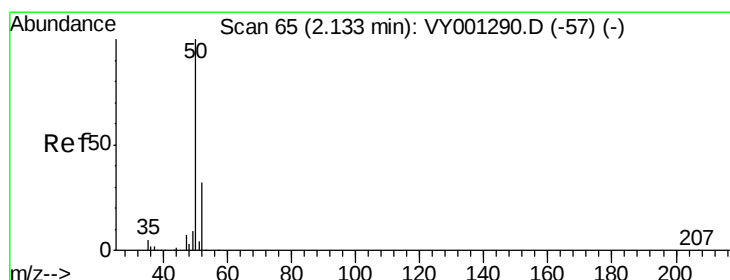
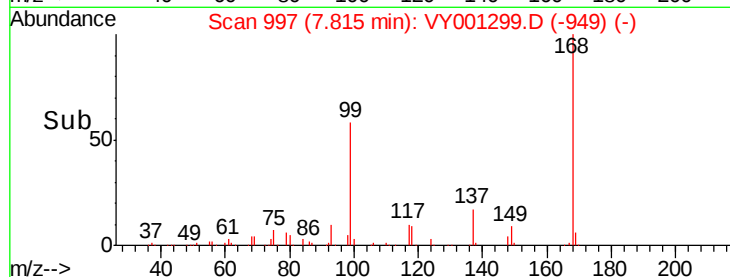
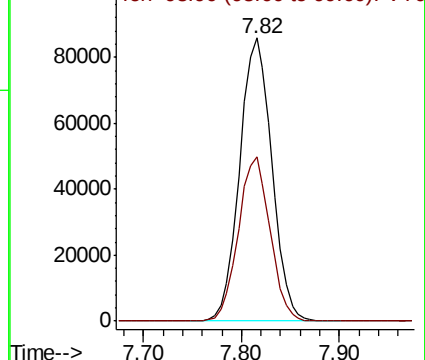
168 100

99 58.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001299.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001299.D (-949) (-)



#3

Chloromethane

Concen: 2.262 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001299.D

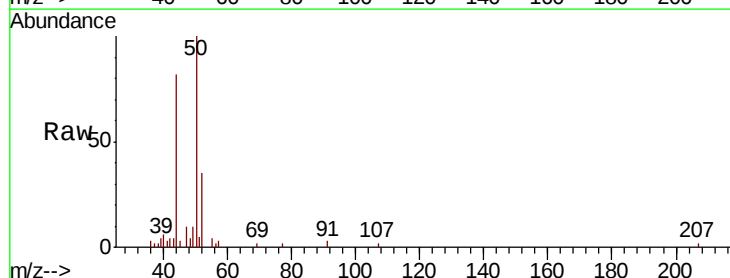
Acq: 20 Jan 2020 16:33

Tgt Ion: 50 Resp: 4907

Ion Ratio Lower Upper

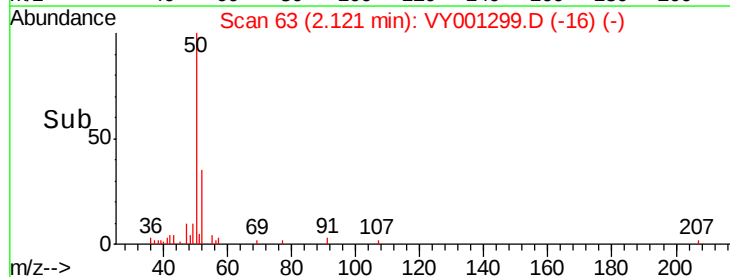
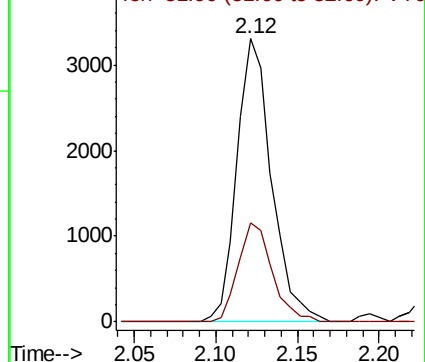
50 100

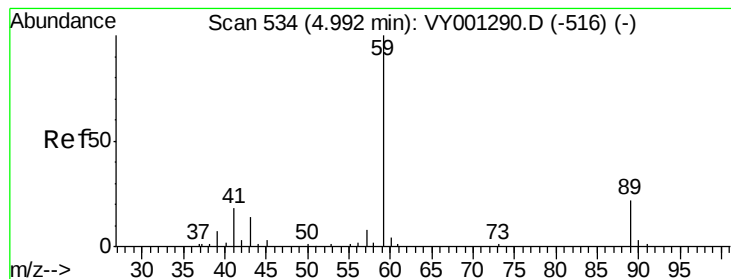
52 35.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001299.D (-16) (-)

Ion 51.90 (51.60 to 52.60): VY001299.D (-16) (-)



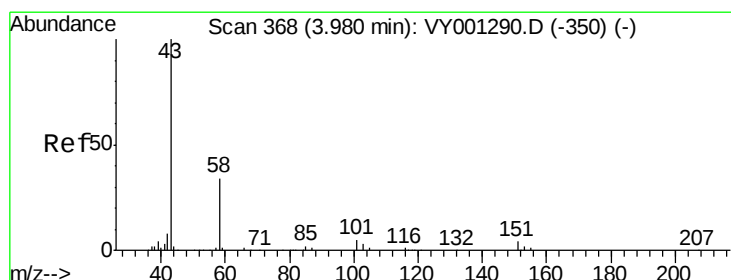
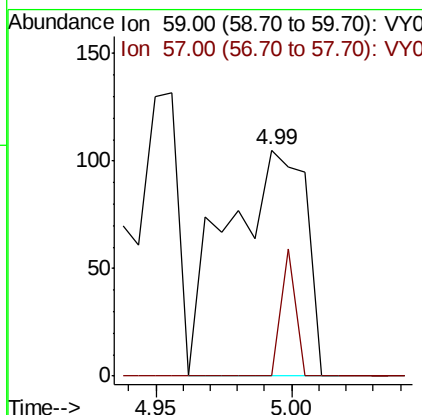
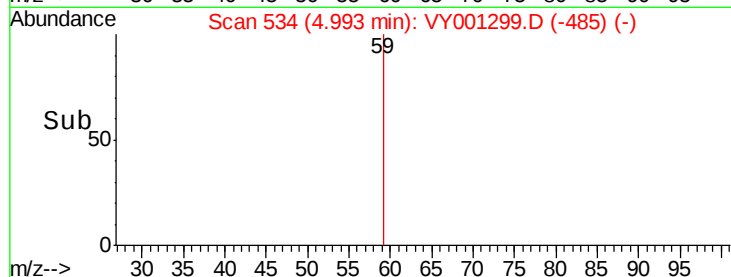
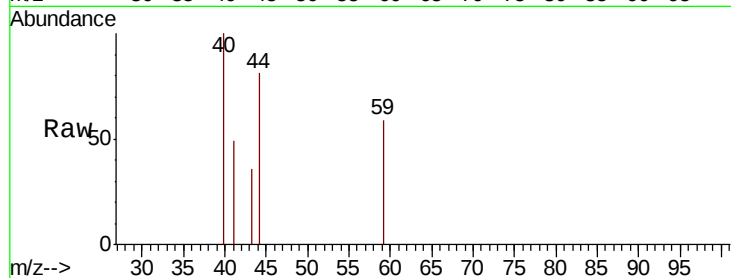


#11

Tert butyl alcohol
 Concen: 1.018 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001299.D
 Acq: 20 Jan 2020 16:33

Instrument :
 MSVOA_Y
 ClientSampled :

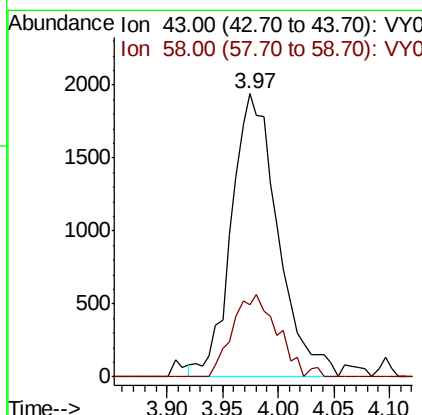
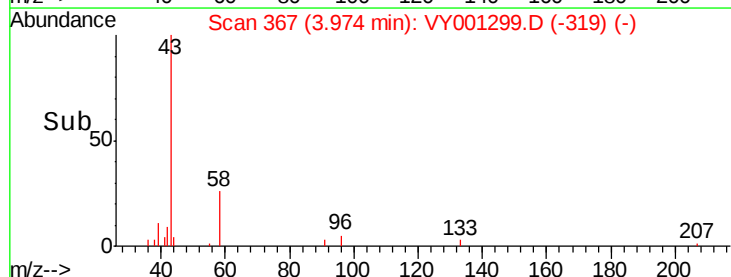
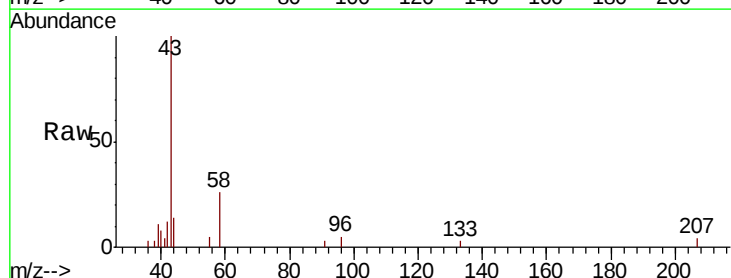
Tot Ion: 59 Resp: 212
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.8 11.8

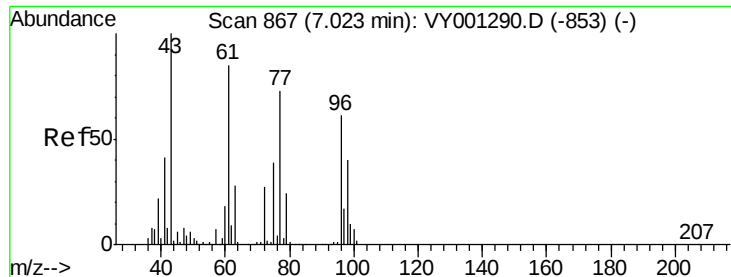


#16

Acetone
 Concen: 11.698 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VY001299.D
 Acq: 20 Jan 2020 16:33

Tgt Ion: 43 Resp: 5622
 Ion Ratio Lower Upper
 43 100
 58 25.6 25.8 38.6#

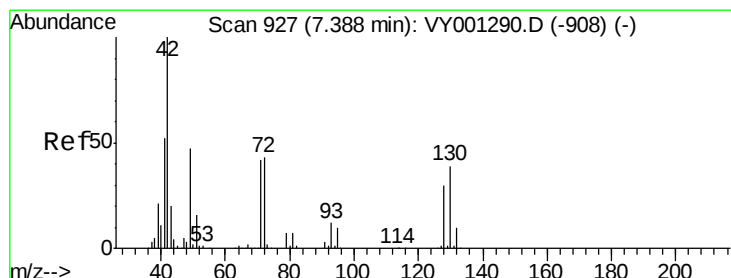
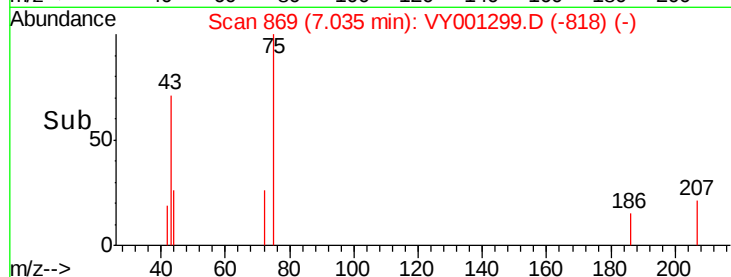
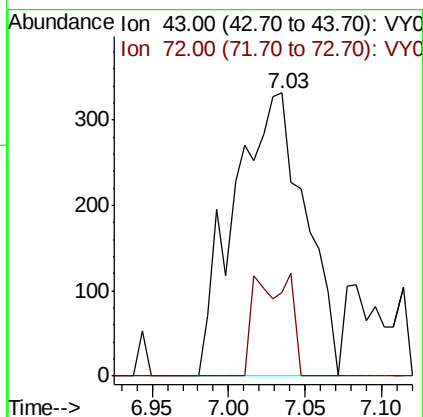
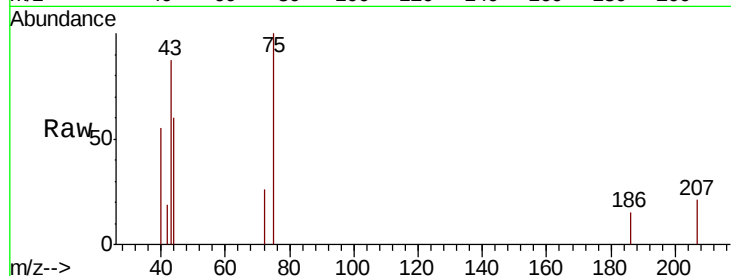




#25
2-Butanone
Concen: 1.439 ug/l
RT: 7.03 min Scan# 869
Delta R.T. 0.01 min
Lab File: VY001299.D
Acq: 20 Jan 2020 16:33

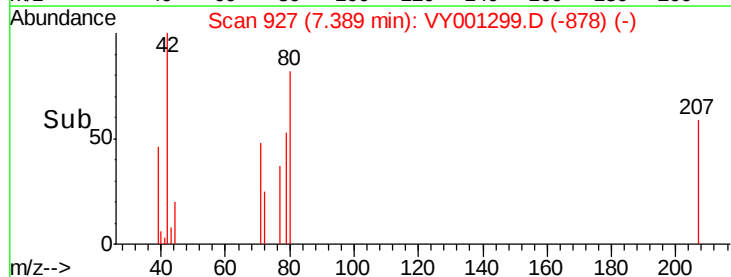
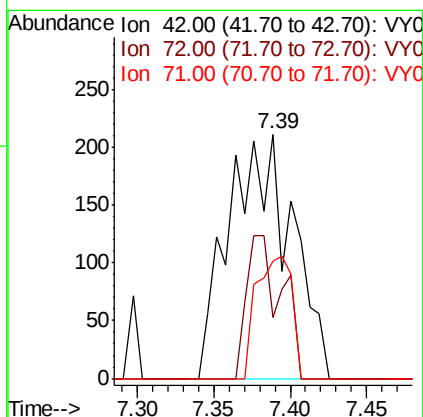
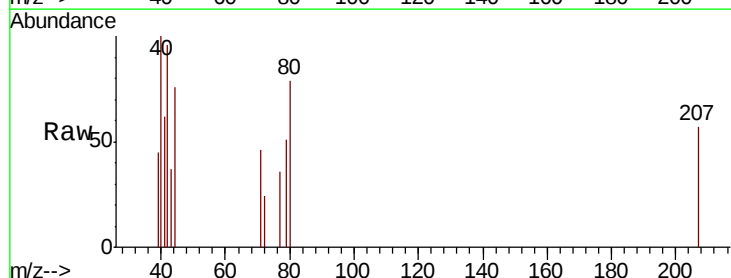
Instrument :
MSVOA_Y
ClientSampled :

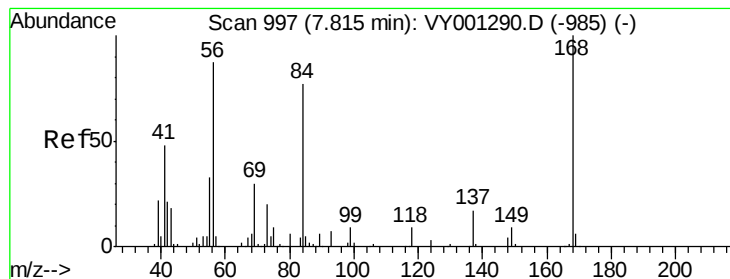
Tot Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
72 29.5 22.2 33.2



#29
Tetrahydrofuran
Concen: 1.180 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.00 min
Lab File: VY001299.D
Acq: 20 Jan 2020 16:33

Tgt Ion: 42 Resp: 605
Ion Ratio Lower Upper
42 100
72 32.2 36.9 55.3#
71 28.1 34.0 51.0#





#31

Cyclohexane

Concen: 1.034 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :
MSVOA_Y
ClientSampled :

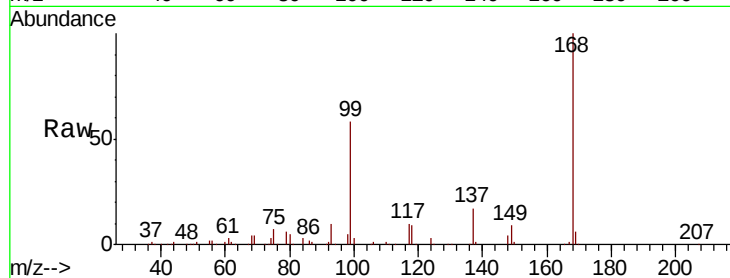
Tot Ion: 56 Resp: 4139

Ion Ratio Lower Upper

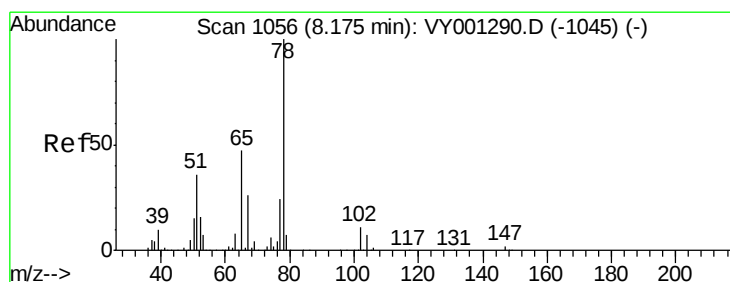
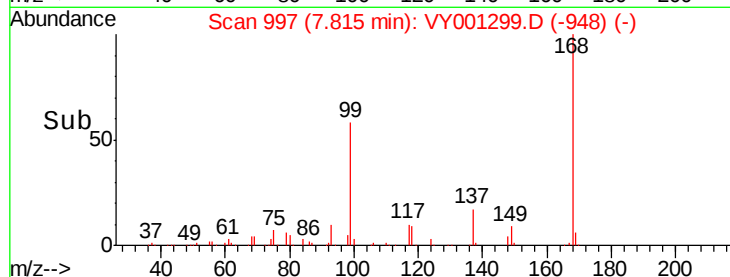
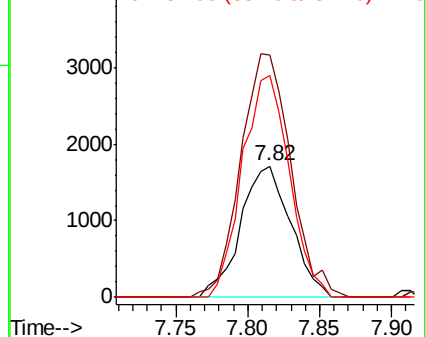
56 100

69 184.1 27.8 41.8#

84 168.5 68.9 103.3#



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: 56.547 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY001299.D

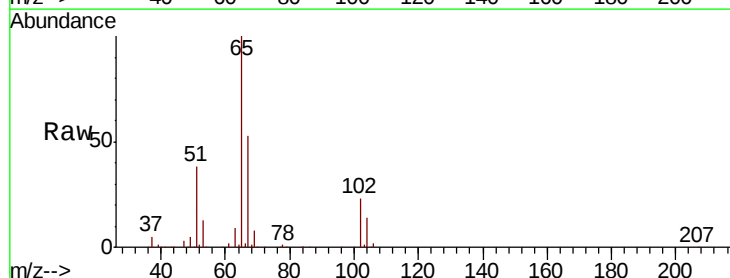
Acq: 20 Jan 2020 16:33

Tgt Ion: 65 Resp: 117016

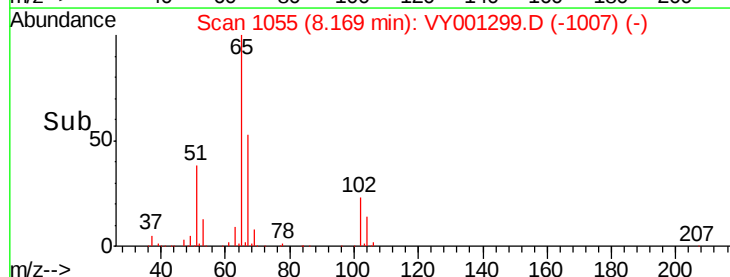
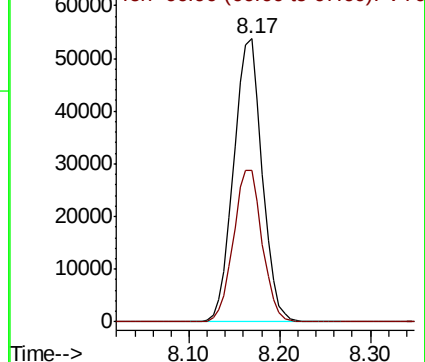
Ion Ratio Lower Upper

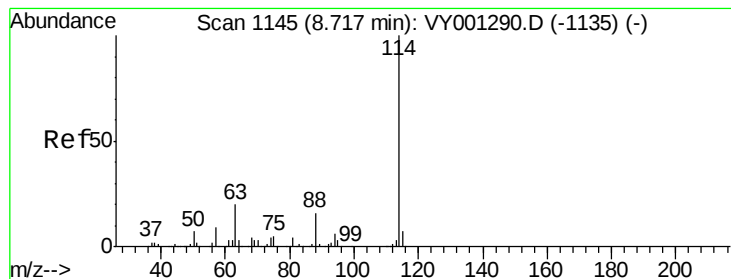
65 100

67 54.3 0.0 105.2



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: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

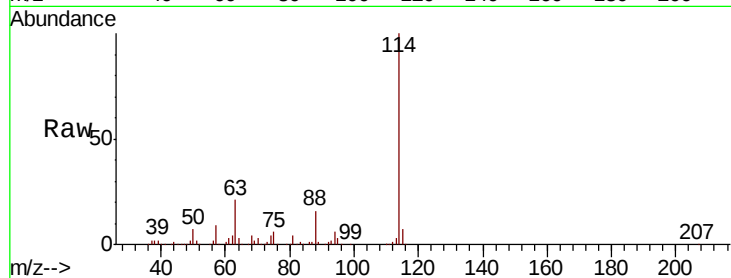
Tot Ion:114 Resp: 361178

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

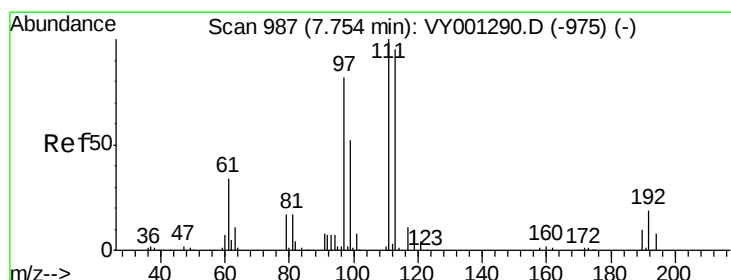
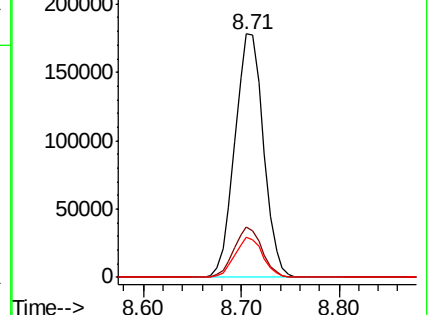
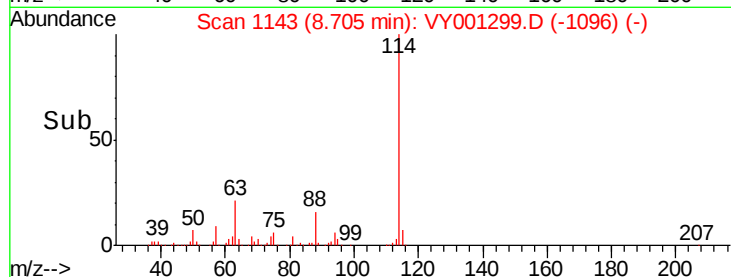
88 16.2 0.0 32.4



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: 50.989 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

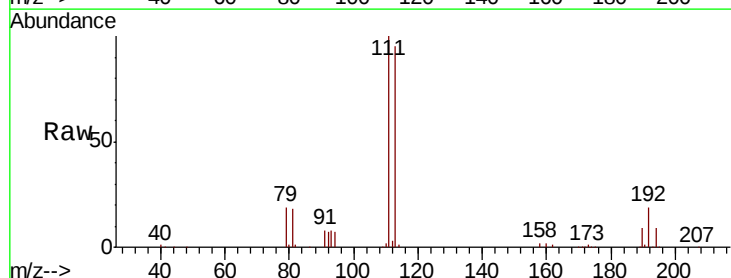
Tgt Ion:113 Resp: 107826

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

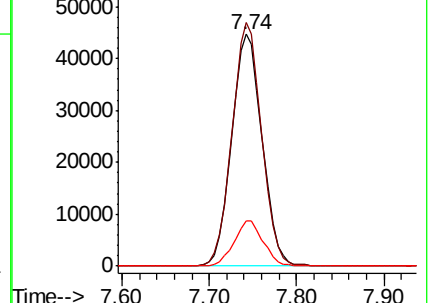
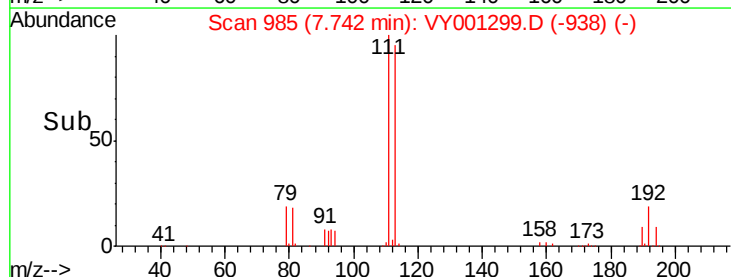
192 18.8 15.4 23.2

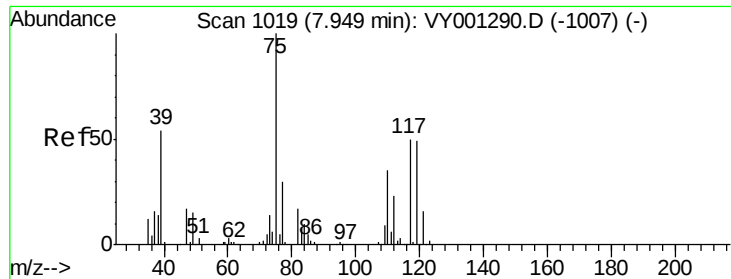


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

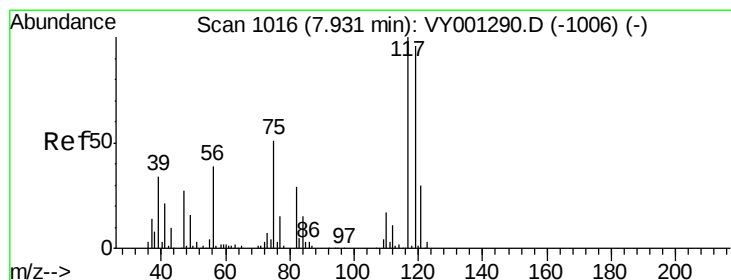
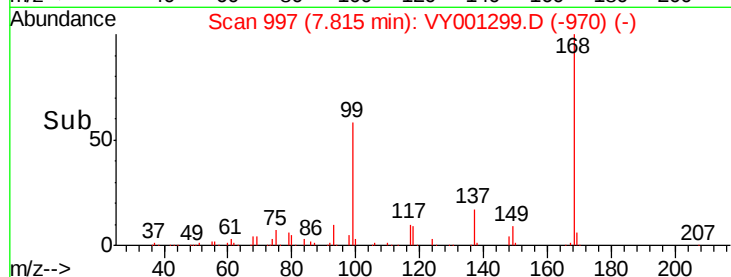
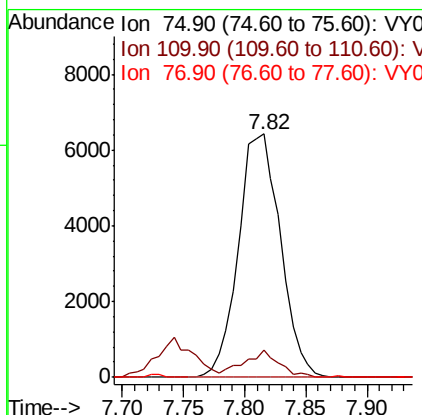
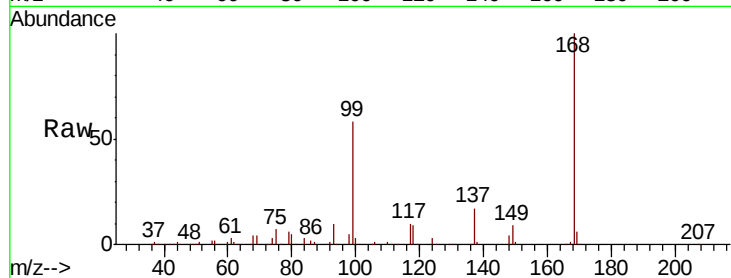




#36
 1,1-Dichloropropene
 Concen: 4.655 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001299.D
 Acq: 20 Jan 2020 16:33

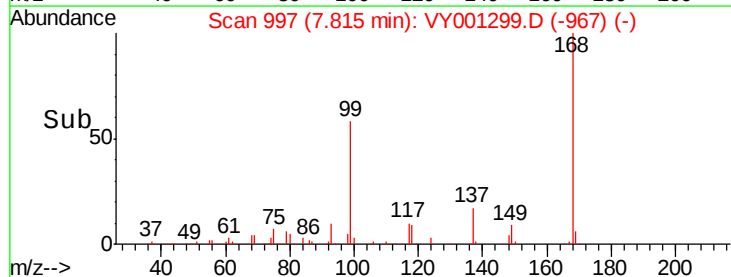
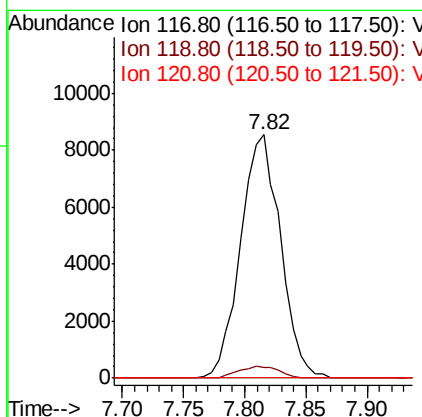
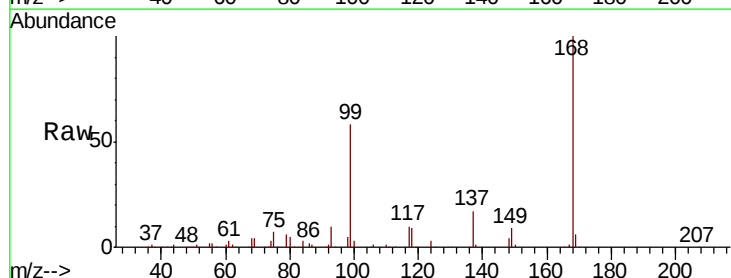
Instrument :
 MSVOA_Y
 ClientSampleId :

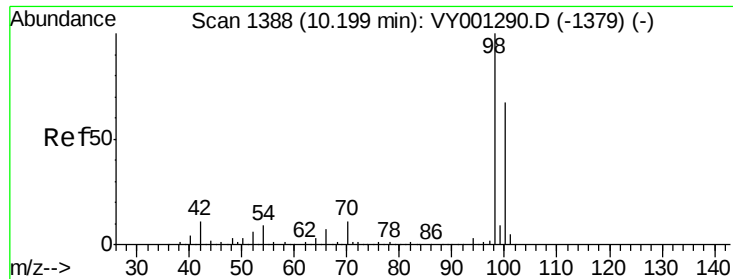
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.8#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.422 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001299.D
 Acq: 20 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.3	117.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 52.572 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

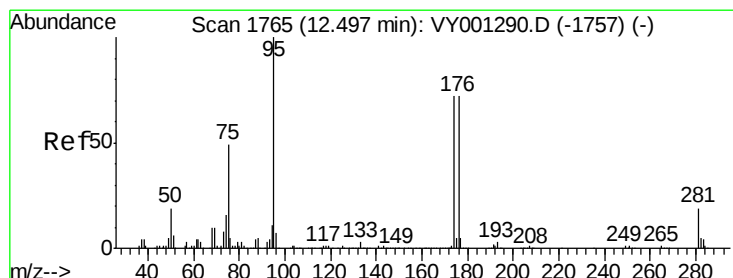
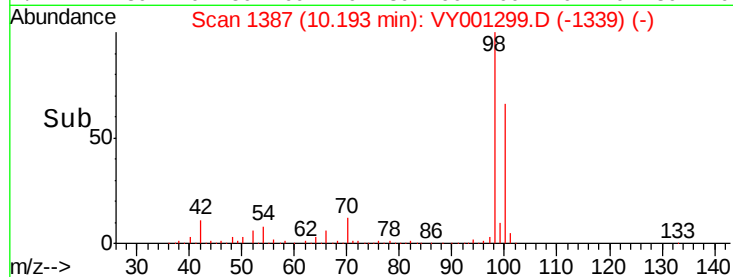
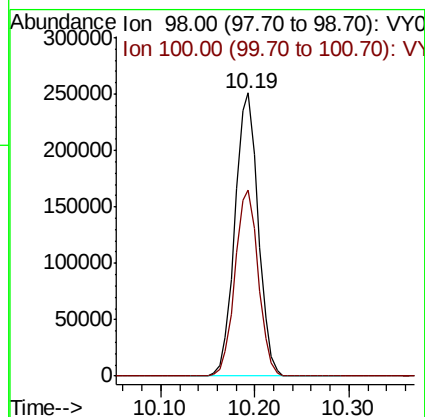
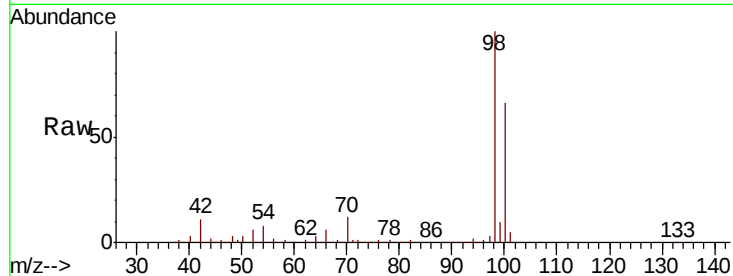
ClientSampleId :

Tot Ion: 98 Resp: 428366

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.248 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

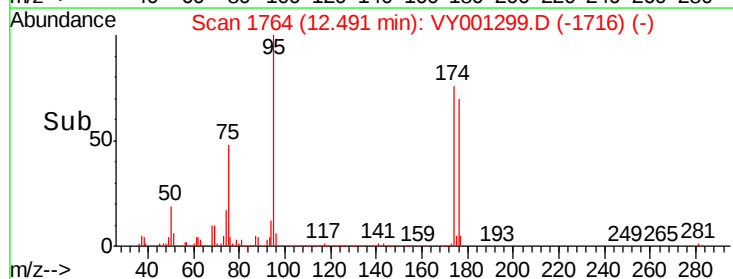
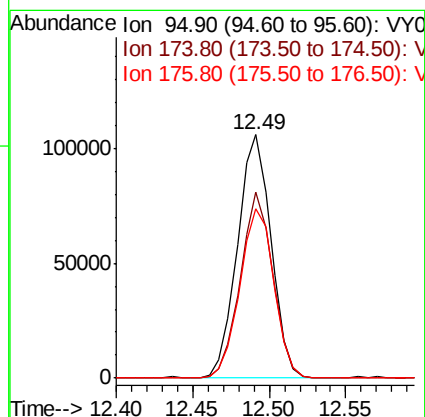
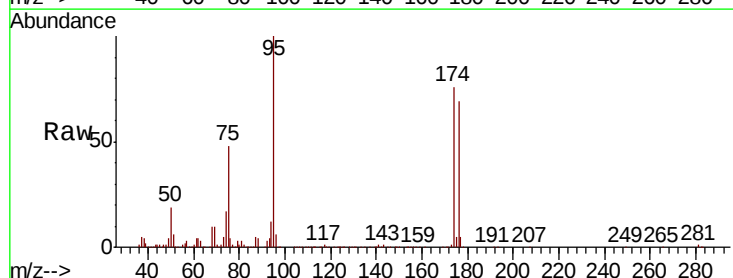
Tgt Ion: 95 Resp: 160727

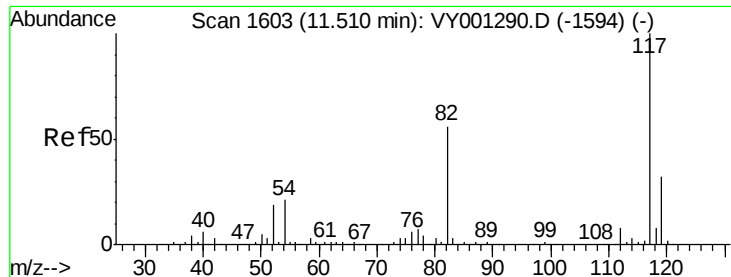
Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.2

176 71.0 0.0 136.0

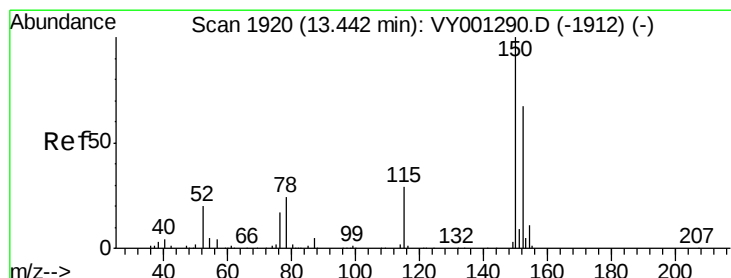
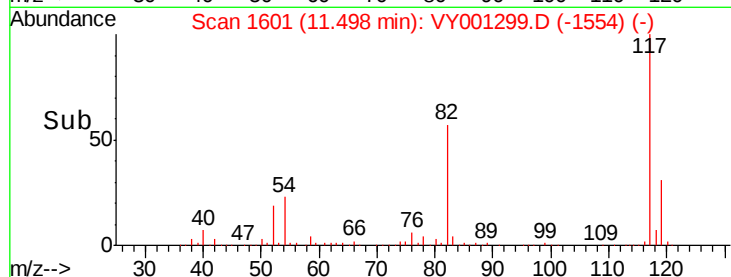
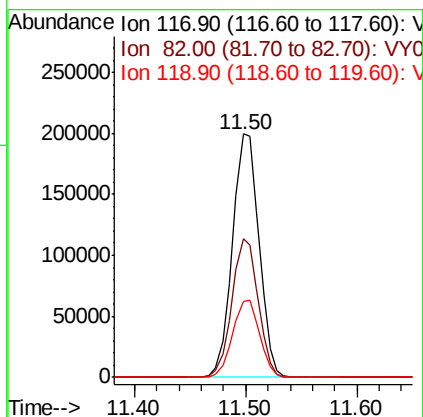
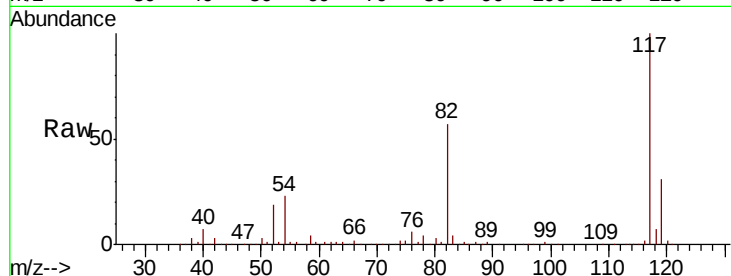




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001299.D
Acq: 20 Jan 2020 16:33

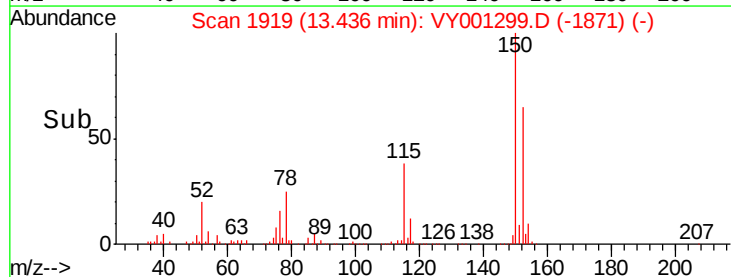
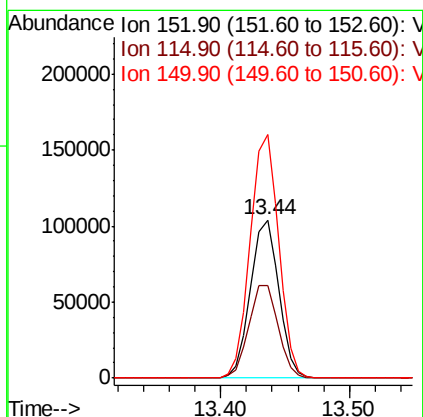
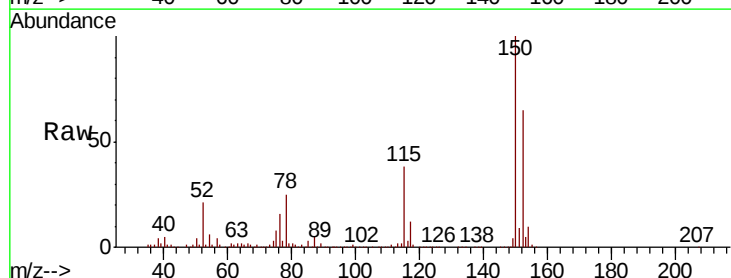
Instrument :
MSVOA_Y
ClientSampled :

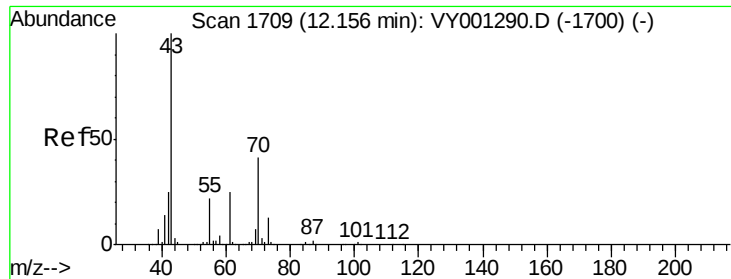
Tot Ion:117 Resp: 328701
Ion Ratio Lower Upper
117 100
82 57.2 44.9 67.3
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001299.D
Acq: 20 Jan 2020 16:33

Tgt Ion:152 Resp: 158294
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.5
150 154.0 0.0 346.8





#74

N-amvl acetate

Concen: 1.947 ug/l

RT: 12.24 min Scan# 1723

Delta R.T. 0.09 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 7232

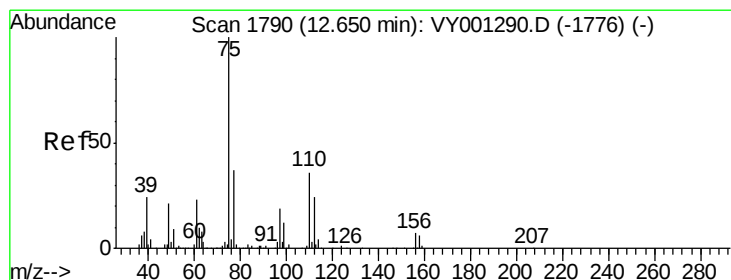
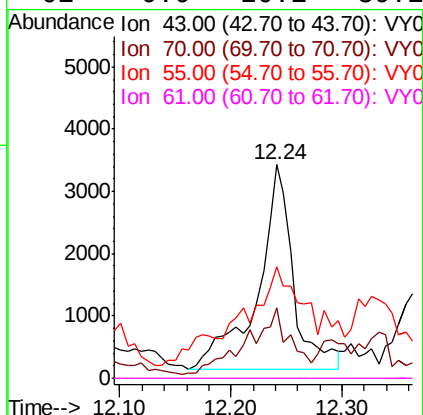
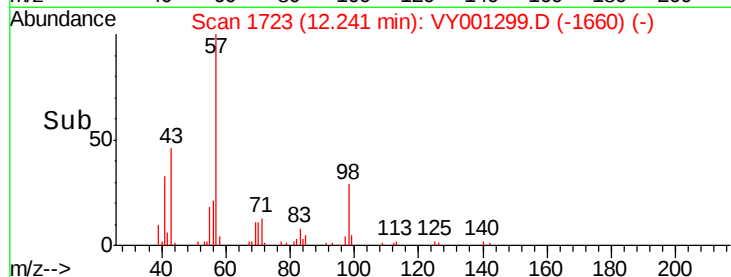
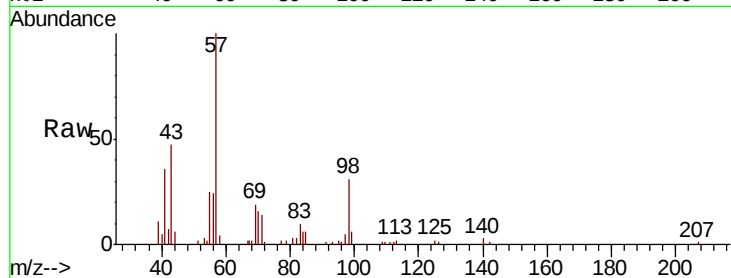
Ion Ratio Lower Upper

43 100

70 39.3 35.0 52.6

55 51.5 18.4 27.6#

61 0.0 20.1 30.1#



#76

1,2,3-Trichloropropane

Concen: 46.147 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.16 min

Lab File: VY001299.D

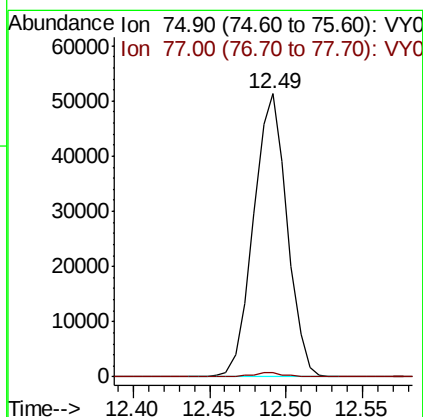
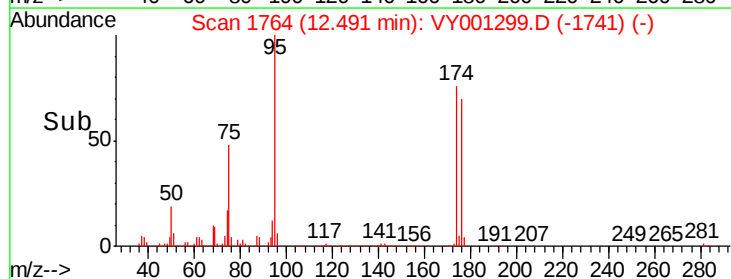
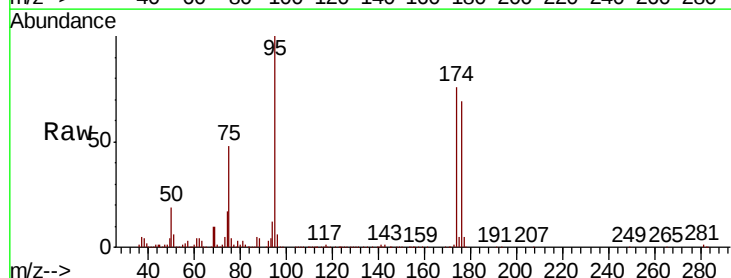
Acq: 20 Jan 2020 16:33

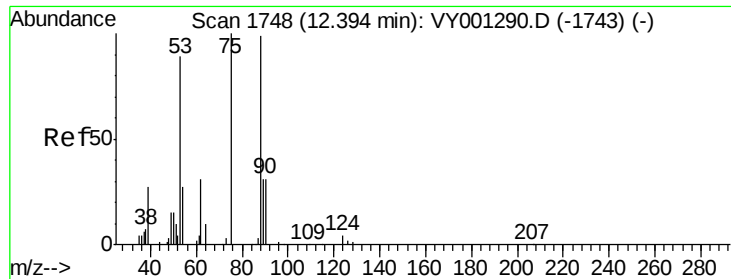
Tgt Ion: 75 Resp: 78198

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 78.255 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 78198

Ion Ratio Lower Upper

75 100

53 0.5 69.4 104.2#

89 0.1 0.0 0.0#

