

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002428.D
 Acq On : 21 Apr 2020 13:09
 Operator : SY/MD
 Sample : VY0421SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 14:59:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	440034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	392188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	197436	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	104406	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
35) Dibromofluoromethane	7.73	113	116420	50.30	ug/l	-0.01
Spiked Amount			Recovery	=	100.60%	
50) Toluene-d8	10.19	98	462958	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.49	95	157825	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	

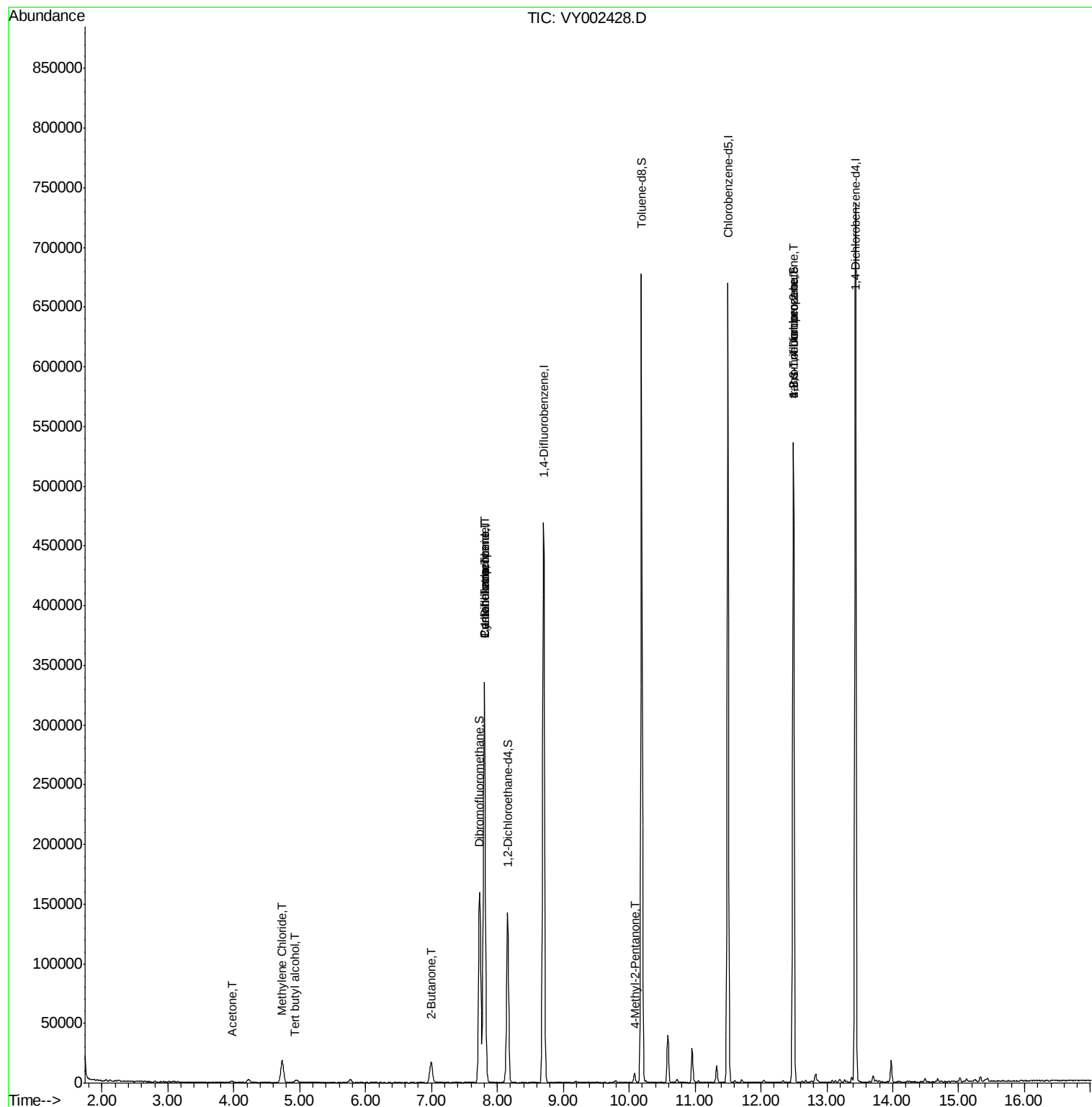
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.93	59	959	3.901	ug/l #	74
16) Acetone	3.97	43	2782	5.061	ug/l	97
20) Methylene Chloride	4.73	84	15852	5.154	ug/l	99
25) 2-Butanone	7.01	43	1002	1.279	ug/l #	41
31) Cyclohexane	7.80	56	4861	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17491	4.940	ug/l #	48
38) Carbon Tetrachloride	7.80	117	25143	7.050	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	5398	3.347	ug/l	96
76) 1,2,3-Trichloropropane	12.49	75	72119	41.463	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	72119	80.807	ug/l #	19

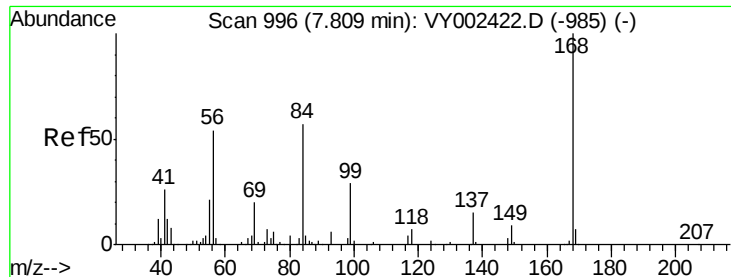
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
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: VY002428.D

Acq: 21 Apr 2020 13:09

Instrument :

MSVOA_Y

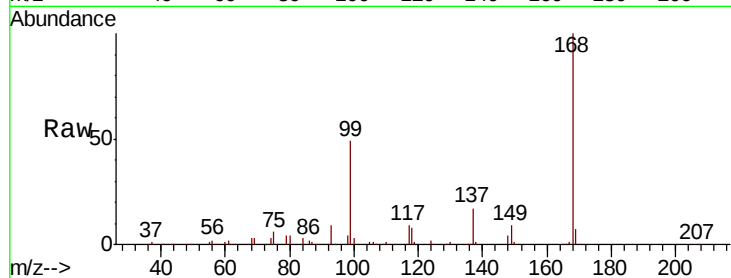
ClientSampleId :

Tot Ion:168 Resp: 282799

Ion Ratio Lower Upper

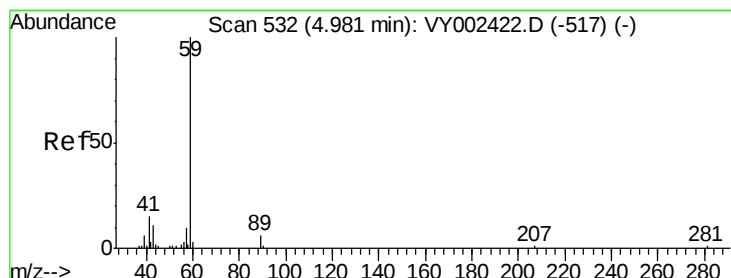
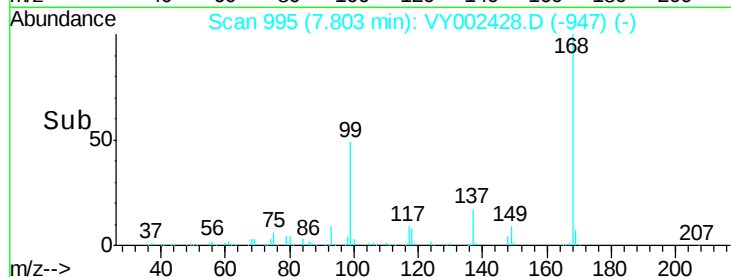
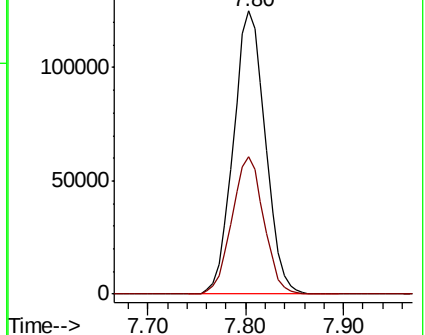
168 100

99 48.6 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)



#11

Tert butyl alcohol

Concen: 3.901 ug/l

RT: 4.93 min Scan# 524

Delta R.T. -0.05 min

Lab File: VY002428.D

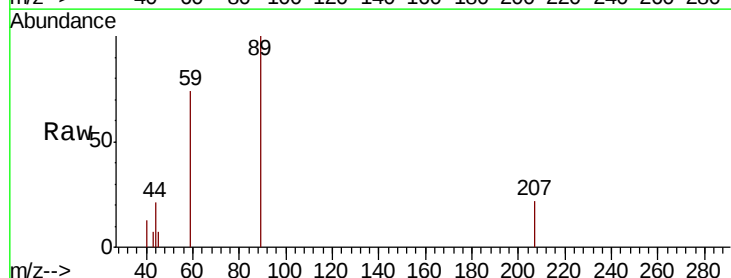
Acq: 21 Apr 2020 13:09

Tgt Ion: 59 Resp: 959

Ion Ratio Lower Upper

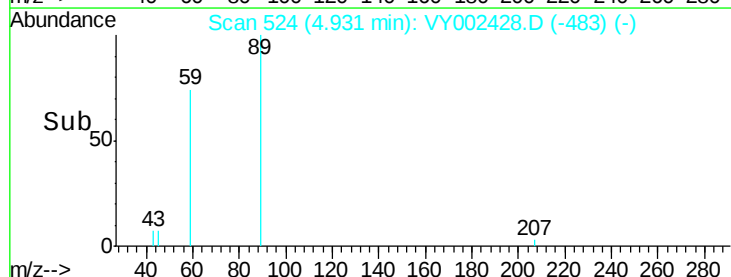
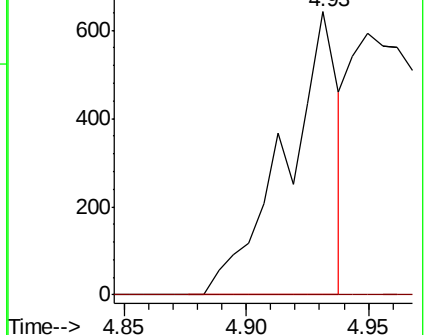
59 100

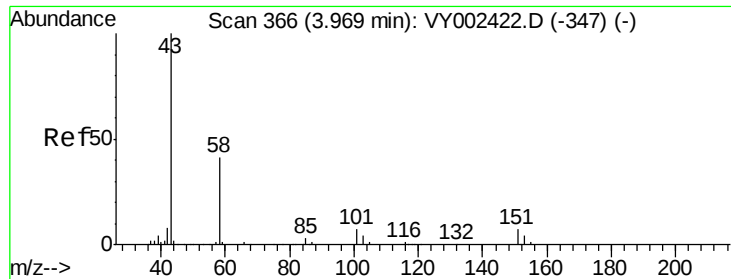
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY002422.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY002422.D (-517) (-)





#16

Acetone

Concen: 5.061 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Instrument :

MSVOA_Y

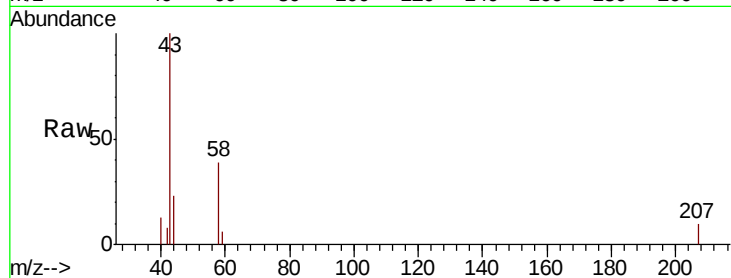
ClientSampleId :

Tot Ion: 43 Resp: 2782

Ion Ratio Lower Upper

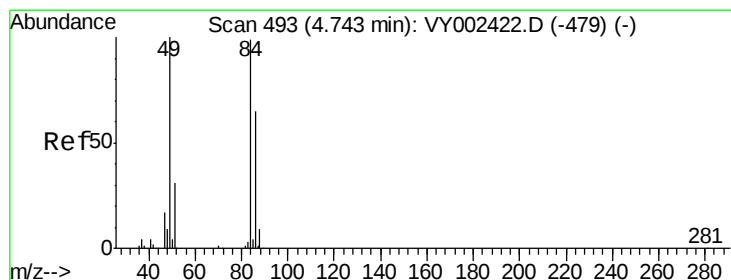
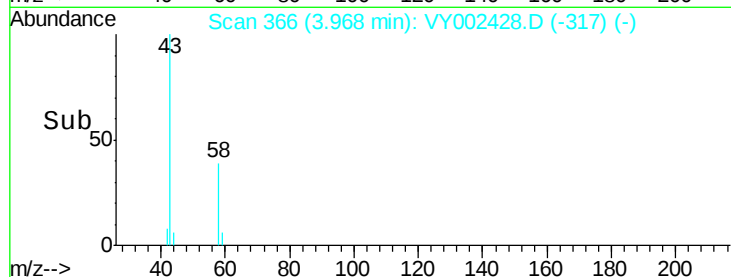
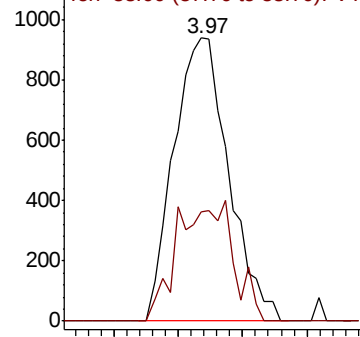
43 100

58 38.8 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 5.154 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Tgt Ion: 84 Resp: 15852

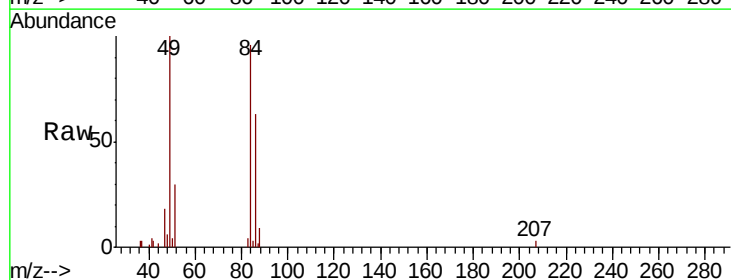
Ion Ratio Lower Upper

84 100

49 104.1 81.0 121.6

51 31.2 24.9 37.3

86 66.0 52.7 79.1

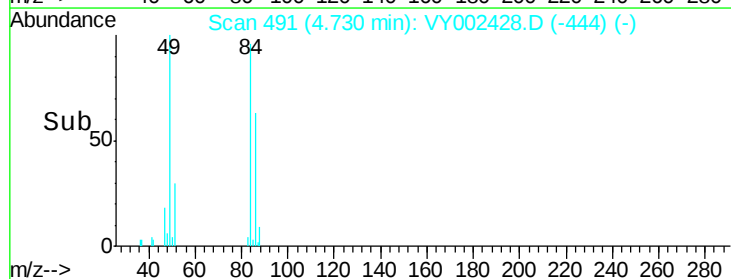
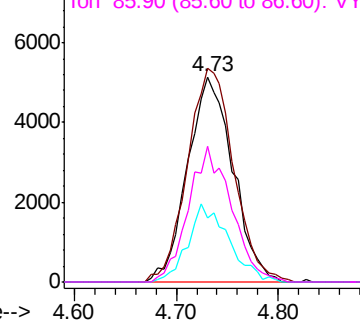


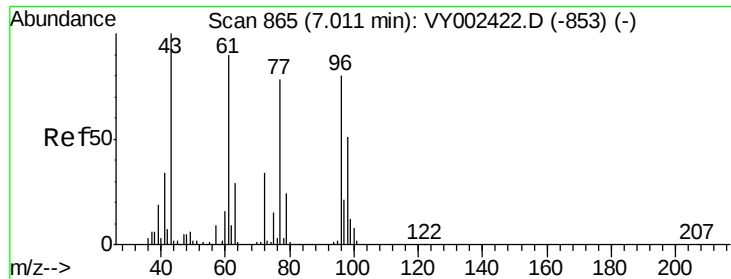
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#25

2-Butanone

Concen: 1.279 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

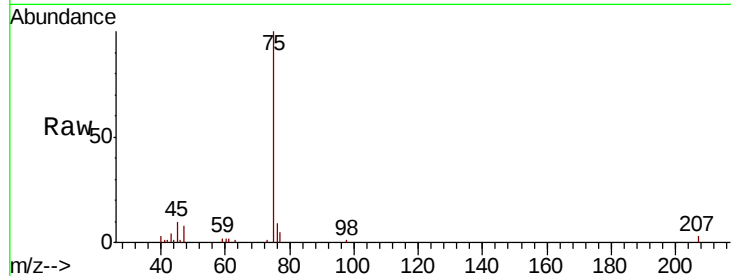
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1002

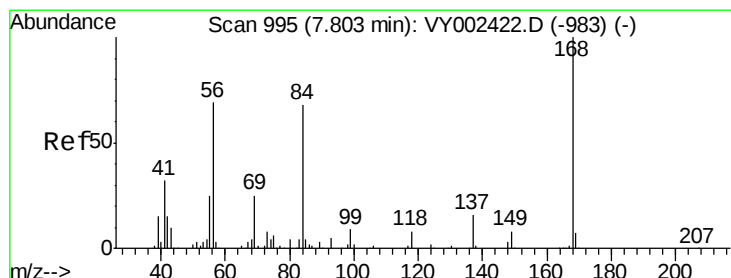
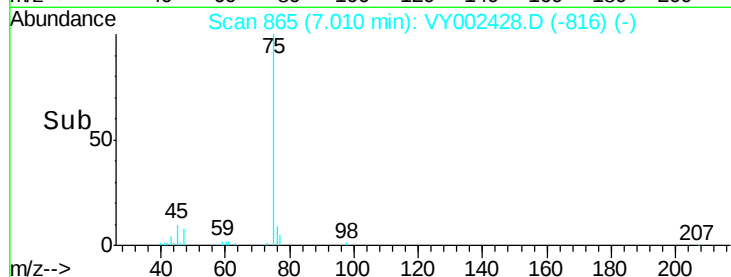
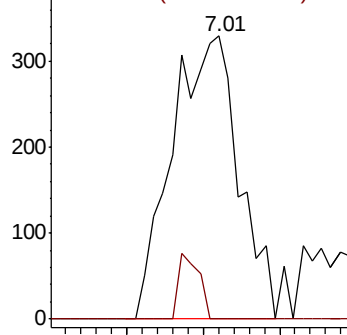
Ion Ratio Lower Upper

43 100

72 0.0 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.142 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

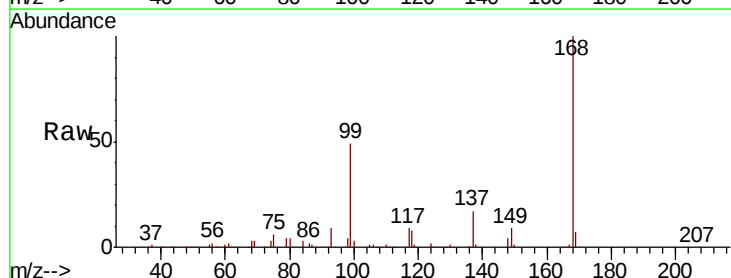
Tgt Ion: 56 Resp: 4861

Ion Ratio Lower Upper

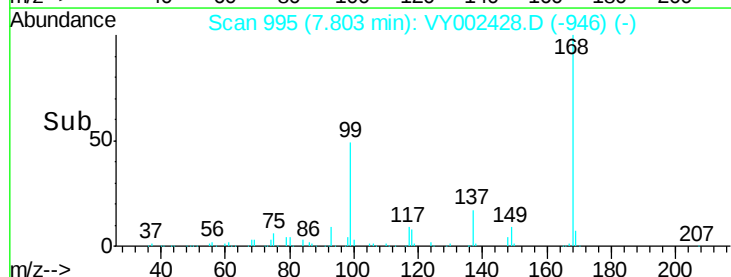
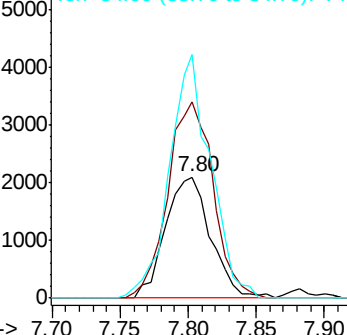
56 100

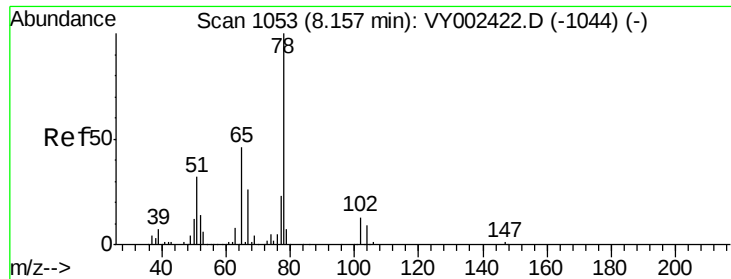
69 162.4 29.1 43.7#

84 201.4 79.4 119.2#



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

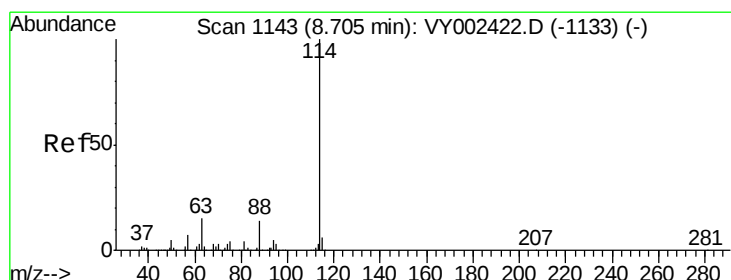
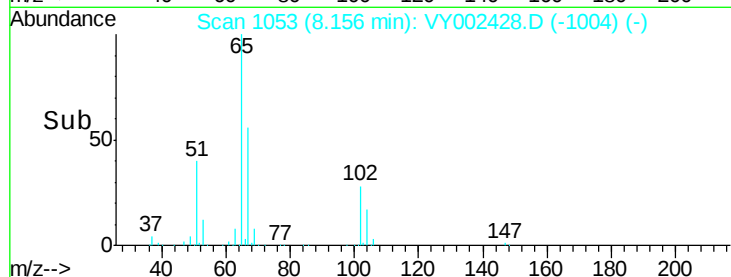
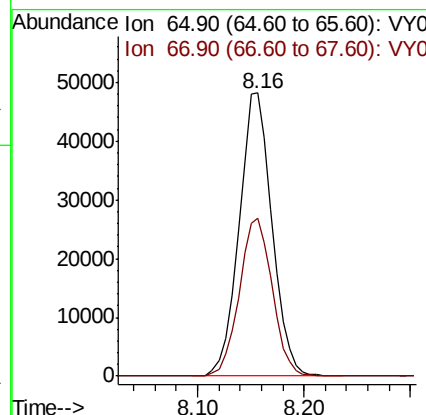
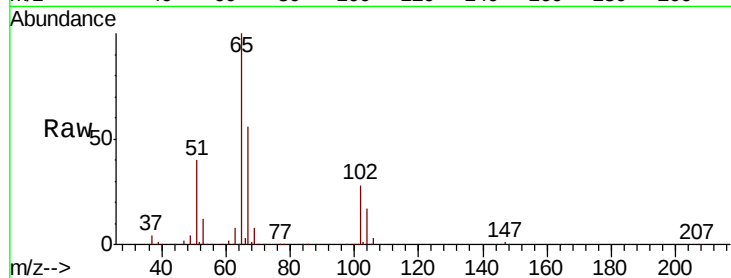




#33
 1,2-Dichloroethane-d4
 Concen: 50.761 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002428.D
 Acq: 21 Apr 2020 13:09

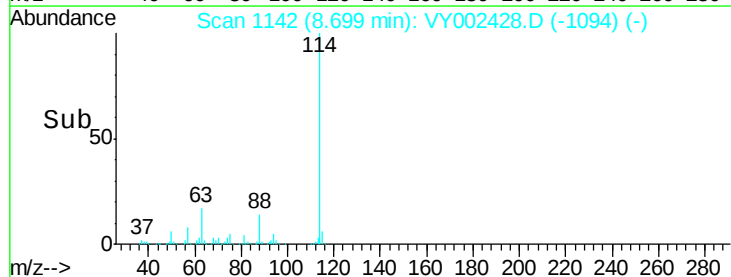
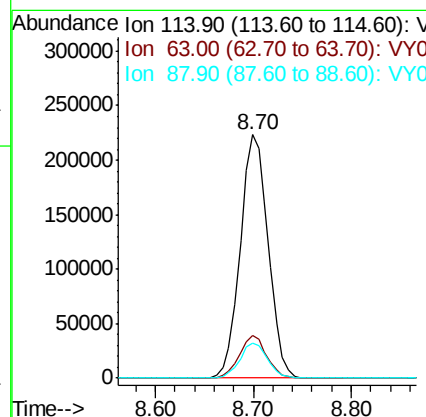
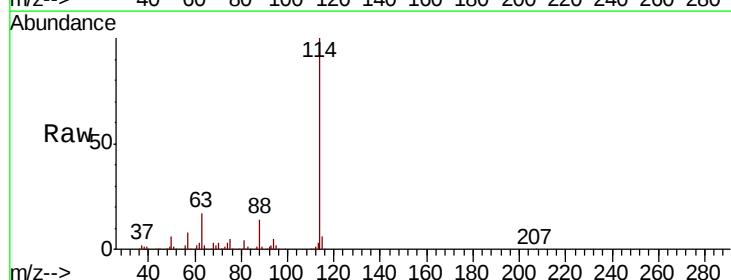
Instrument :
 MSVOA_Y
 ClientSampleId :

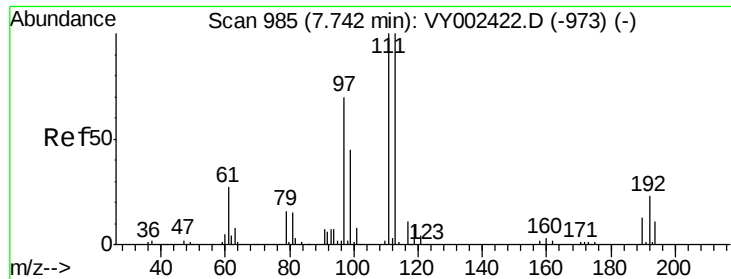
Tot Ion: 65 Resp: 104406
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002428.D
 Acq: 21 Apr 2020 13:09

Tgt Ion: 114 Resp: 440034
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 31.0
 88 14.3 0.0 28.2

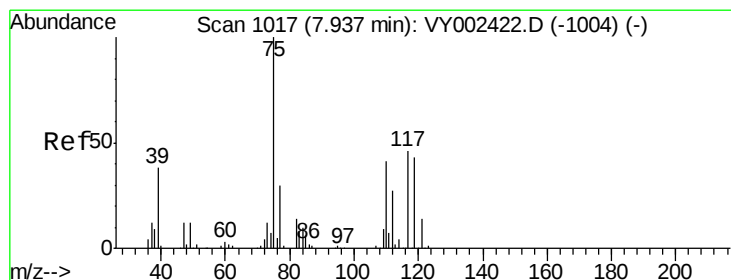
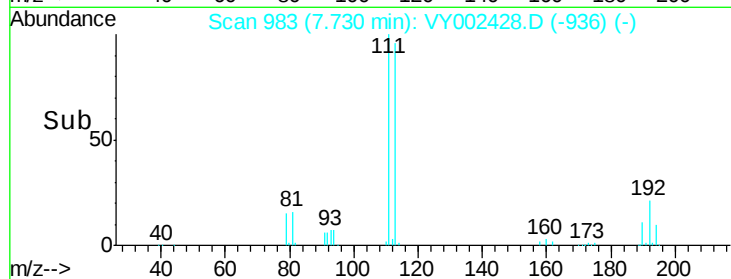
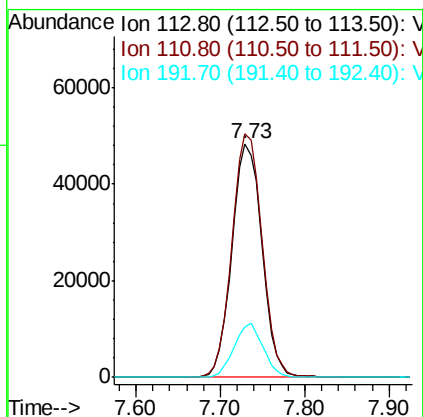
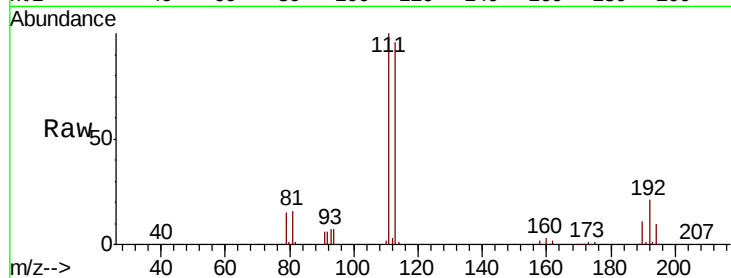




#35
 Dibromofluoromethane
 Concen: 50.300 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002428.D
 Acq: 21 Apr 2020 13:09

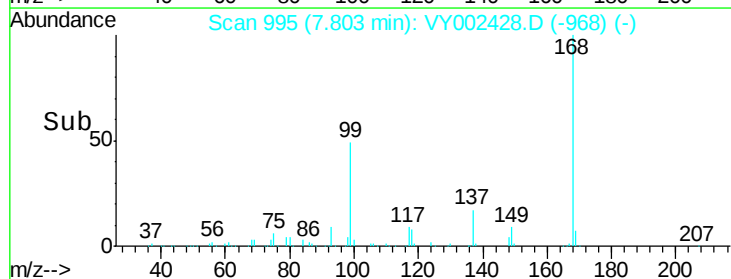
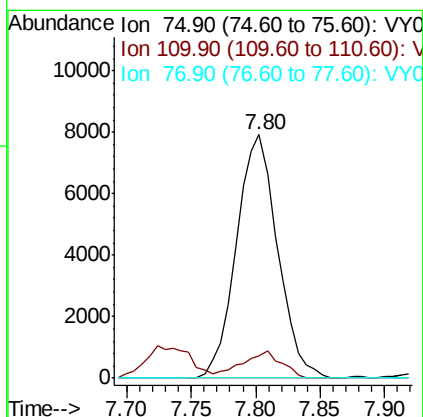
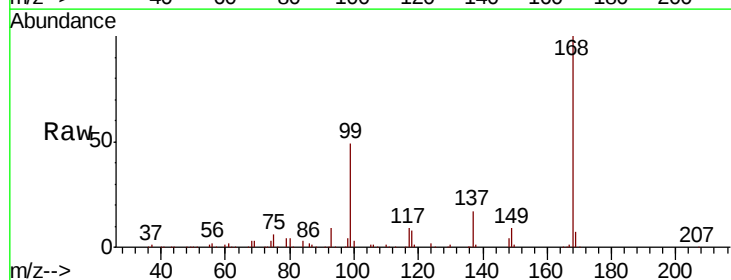
Instrument :
 MSVOA_Y
 ClientSampleId :

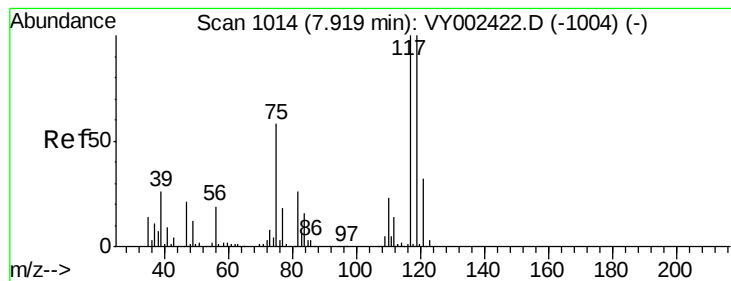
Tot Ion:113 Resp: 116420
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.7 122.5
 192 22.3 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 4.940 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002428.D
 Acq: 21 Apr 2020 13:09

Tgt Ion: 75 Resp: 17491
 Ion Ratio Lower Upper
 75 100
 110 10.6 20.4 61.2#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 7.050 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Instrument :

MSVOA_Y

ClientSampleId :

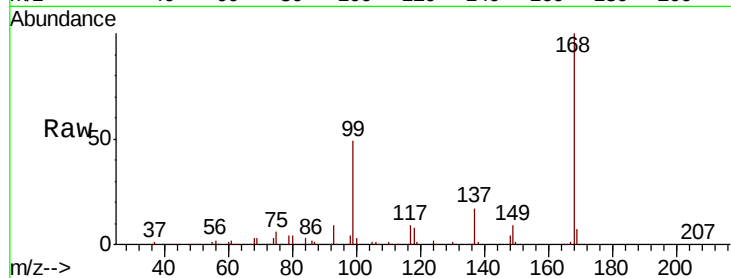
Tot Ion:117 Resp: 25143

Ion Ratio Lower Upper

117 100

119 5.3 79.6 119.4#

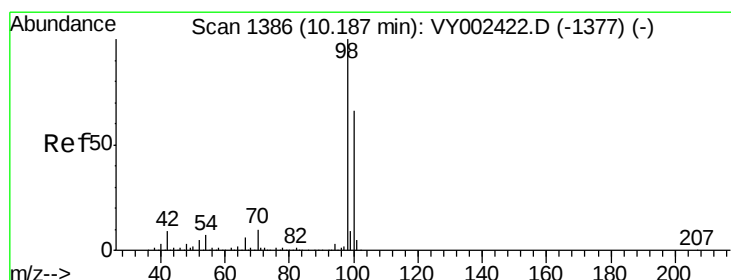
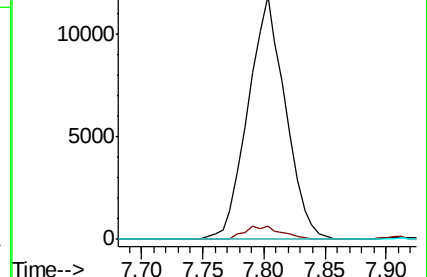
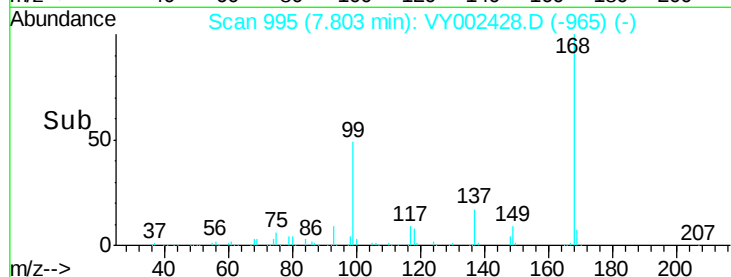
121 0.0 25.4 38.2#



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: 49.455 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002428.D

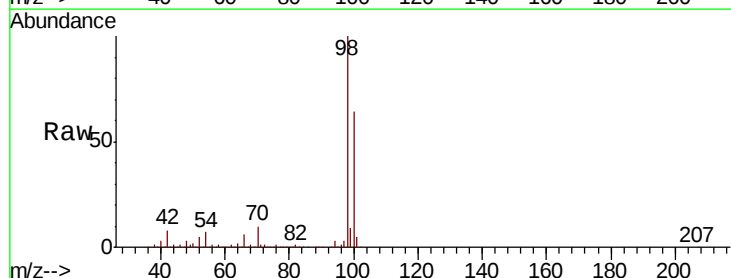
Acq: 21 Apr 2020 13:09

Tgt Ion: 98 Resp: 462958

Ion Ratio Lower Upper

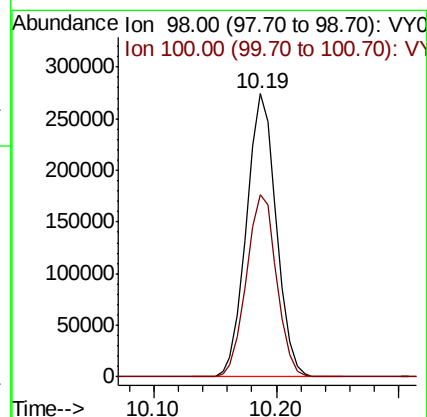
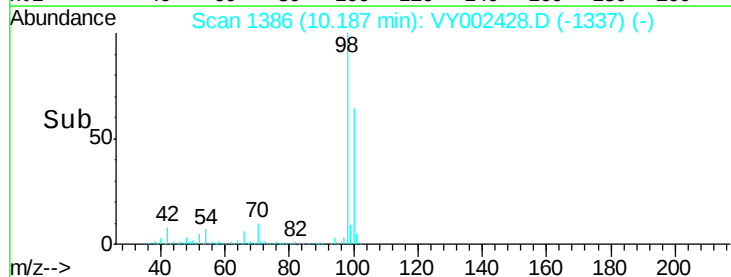
98 100

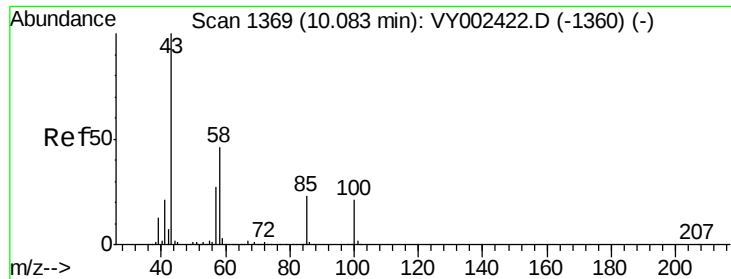
100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 3.347 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Instrument :

MSVOA_Y

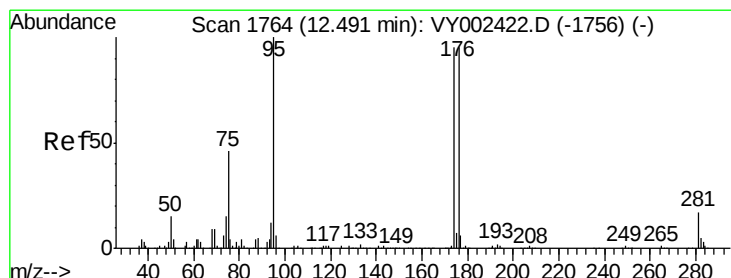
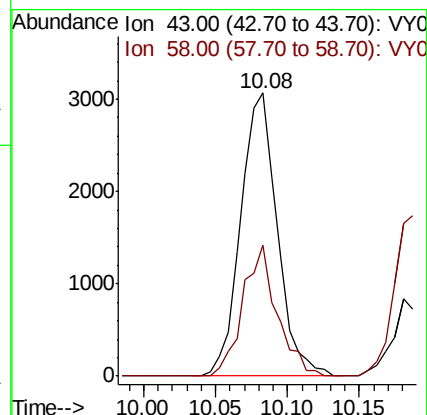
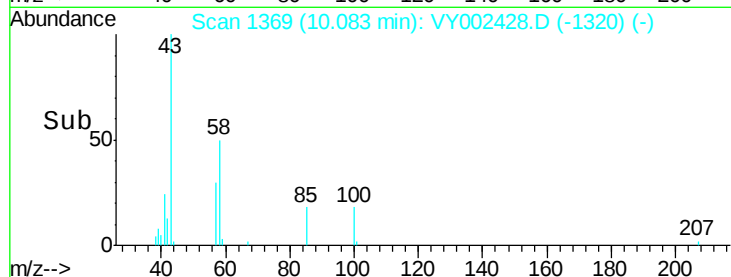
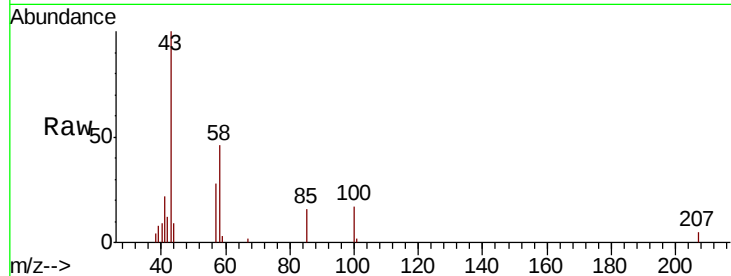
ClientSampleId :

Tot Ion: 43 Resp: 5398

Ion Ratio Lower Upper

43 100

58 43.2 36.8 55.2



#62

4-Bromofluorobenzene

Concen: 51.064 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

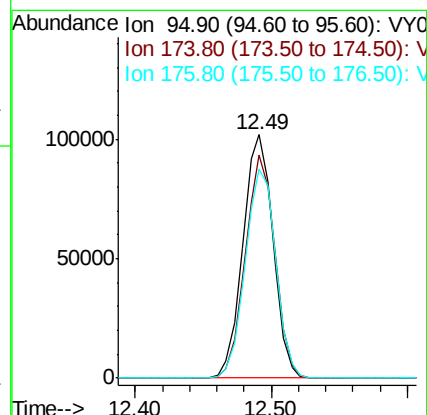
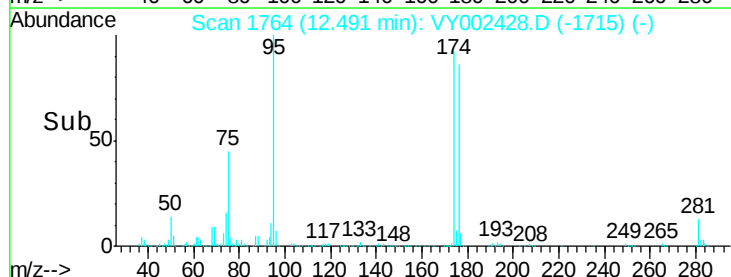
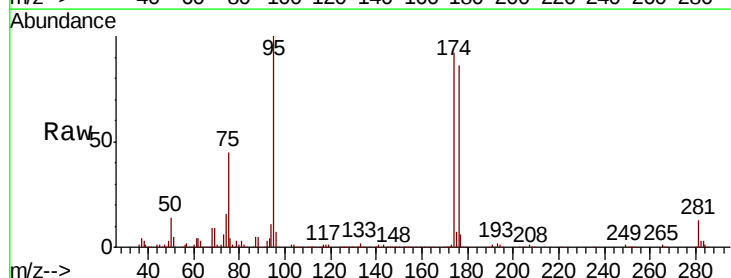
Tgt Ion: 95 Resp: 157825

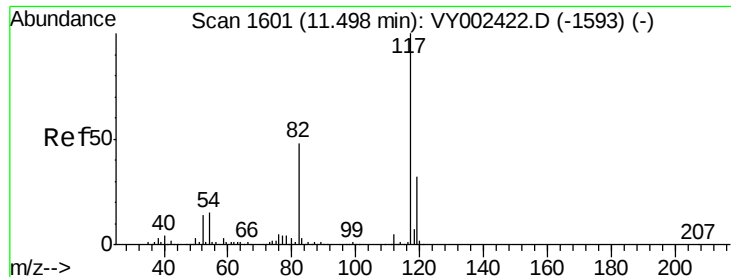
Ion Ratio Lower Upper

95 100

174 89.9 0.0 185.8

176 87.2 0.0 181.2

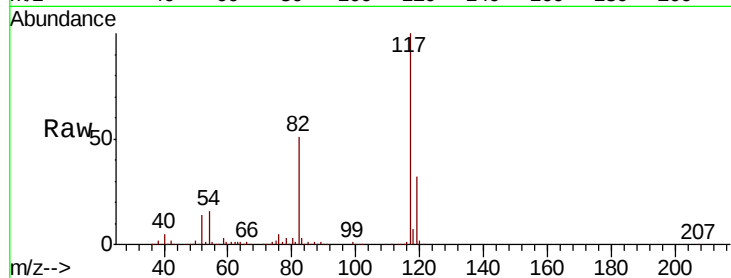




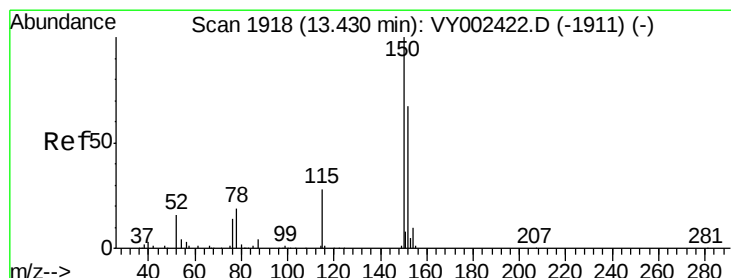
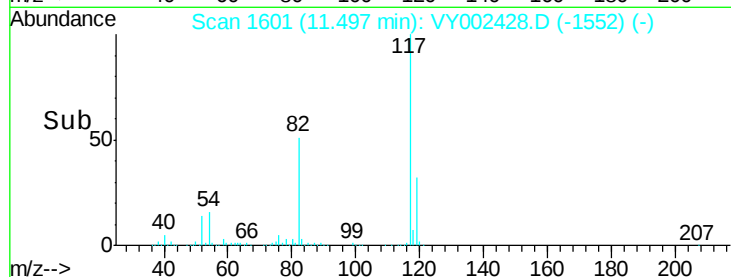
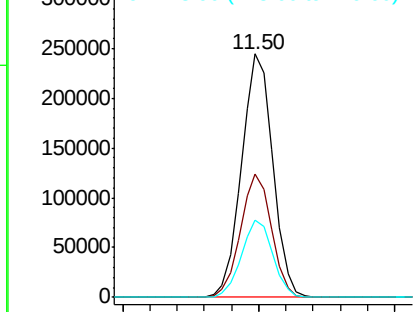
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002428.D
Acq: 21 Apr 2020 13:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 392188
Ion Ratio Lower Upper
117 100
82 50.7 38.4 57.6
119 32.0 25.3 37.9

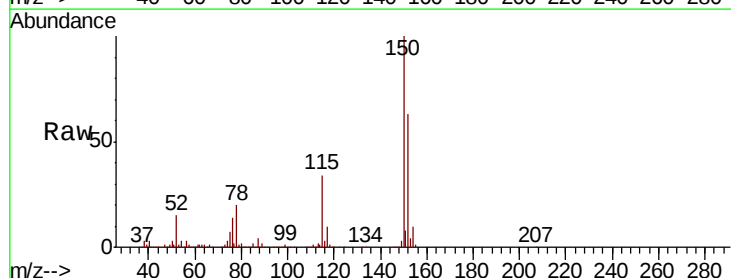


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

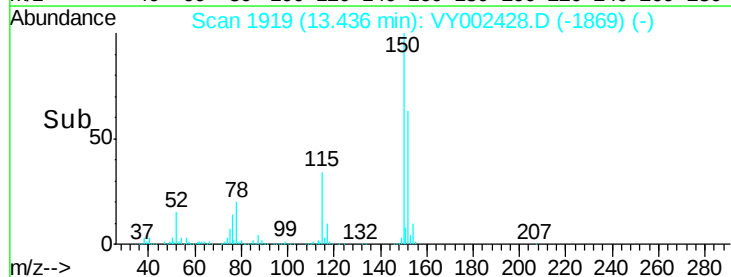
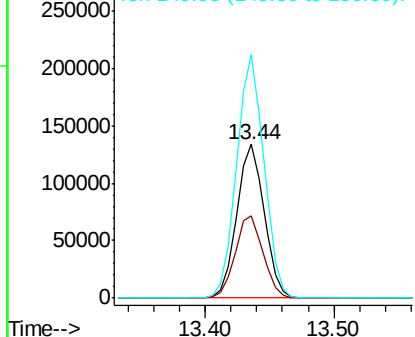


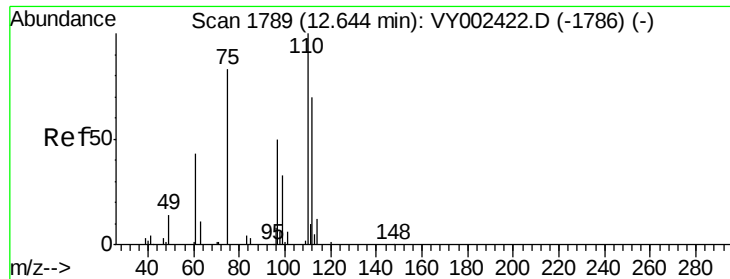
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002428.D
Acq: 21 Apr 2020 13:09

Tgt Ion:152 Resp: 197436
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.8
150 158.1 0.0 344.0



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: 41.463 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Instrument :

MSVOA_Y

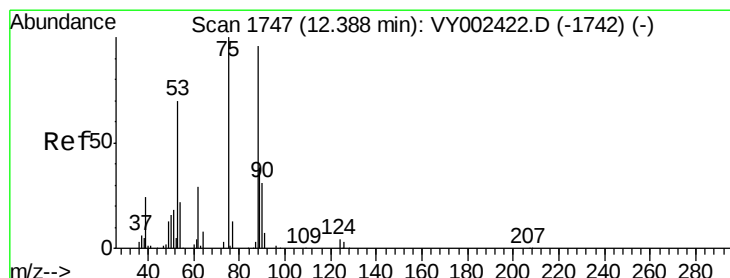
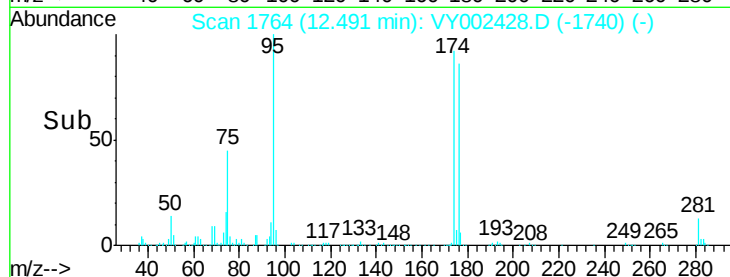
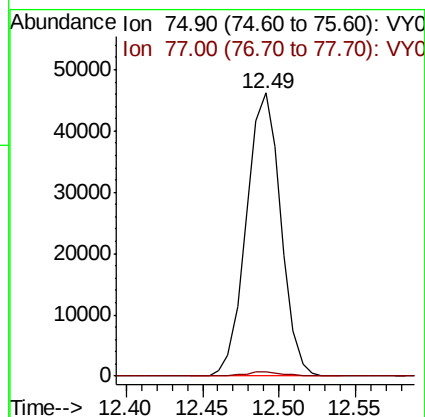
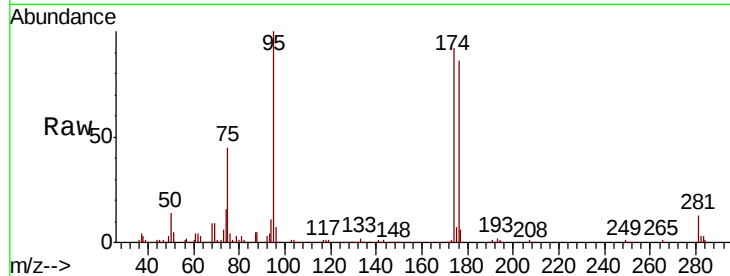
ClientSampled :

Tot Ion: 75 Resp: 72119

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.807 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Tgt Ion: 75 Resp: 72119

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.2 37.9 56.9#

