

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001928.D
 Acq On : 10 Mar 2020 17:33
 Operator : SY/MD
 Sample : L1871-09
 Misc : 8.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 04:00:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	136495	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	266084	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	238795	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	96328	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	85187	58.46	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	116.92%	
35) Dibromofluoromethane	7.74	113	77915	53.63	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	107.26%	
50) Toluene-d8	10.19	98	326204	53.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.49	95	104097	48.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.72%	

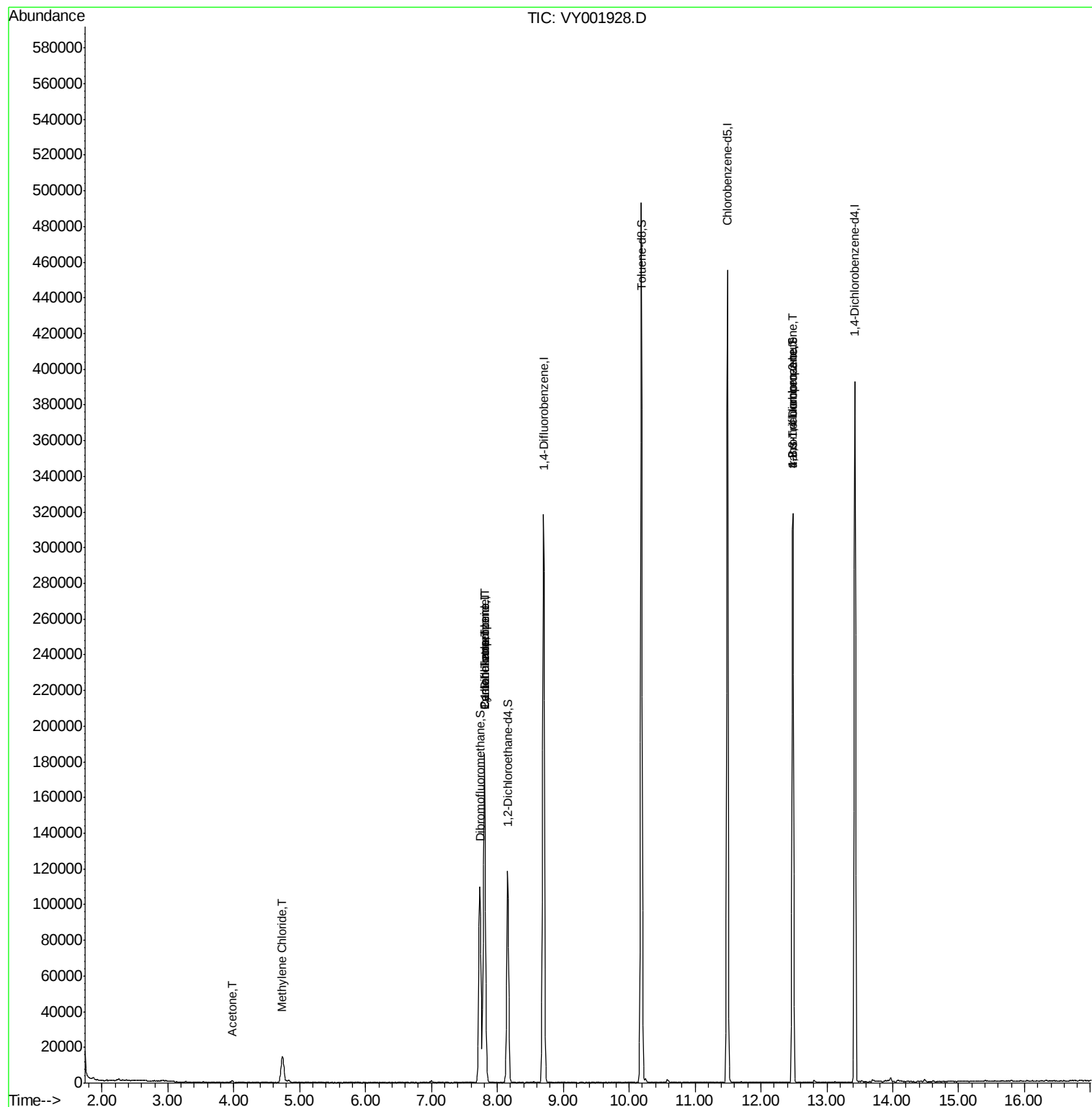
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.68	94	28	Below Cal	#	4
11) Tert butyl alcohol	5.00	59	69	Below Cal	#	74
16) Acetone	3.97	43	1556	3.666	ug/l #	74
20) Methylene Chloride	4.74	84	11133	6.120	ug/l	97
31) Cyclohexane	7.80	56	3329	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11556	4.513	ug/l #	50
38) Carbon Tetrachloride	7.81	117	13973	6.388	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	54006	47.249	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	54006	95.442	ug/l #	17

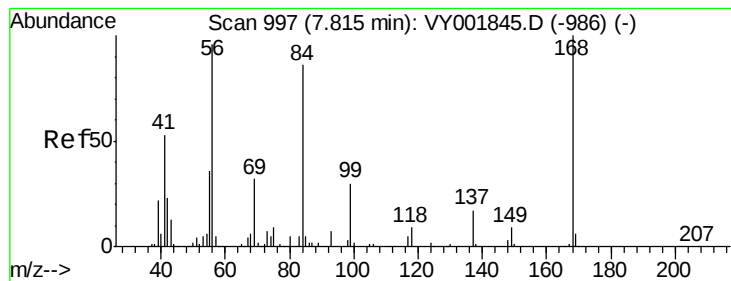
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
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Quant Time: Mar 11 04:00:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 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: VY001928.D

Acq: 10 Mar 2020 17:33

Instrument :

MSVOA_Y

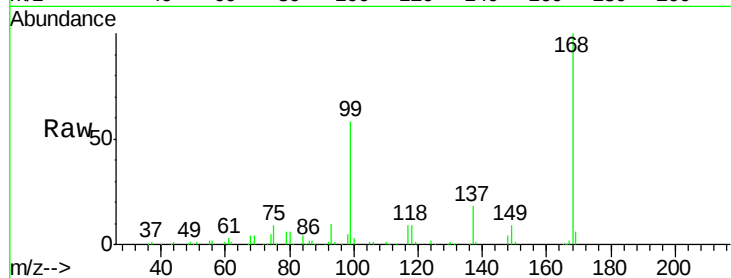
ClientSampleId :

Tot Ion:168 Resp: 136495

Ion Ratio Lower Upper

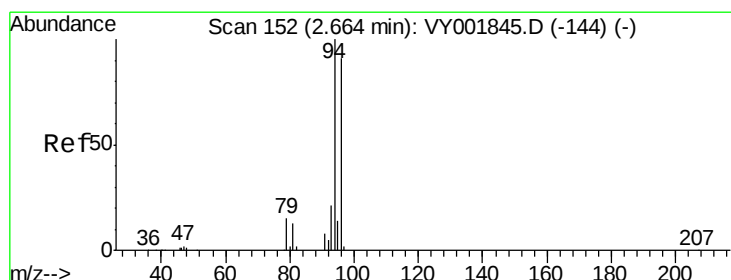
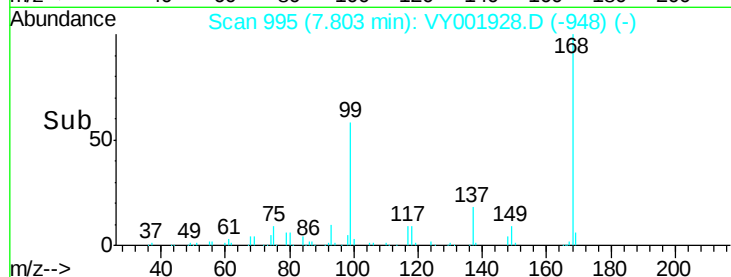
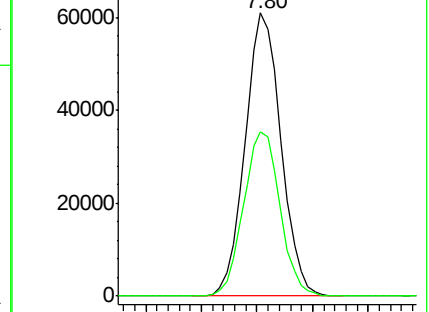
168 100

99 57.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001928.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001928.D (-948) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001928.D

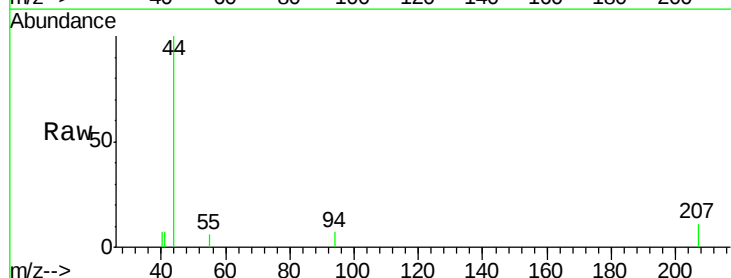
Acq: 10 Mar 2020 17:33

Tgt Ion: 94 Resp: 28

Ion Ratio Lower Upper

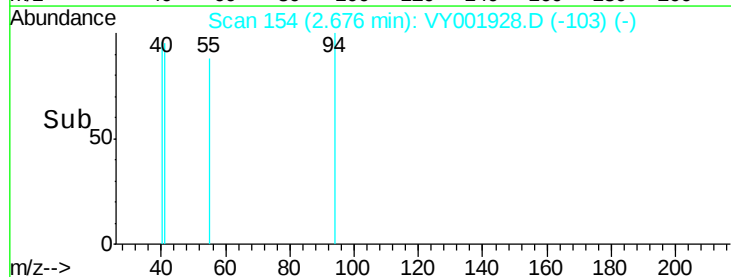
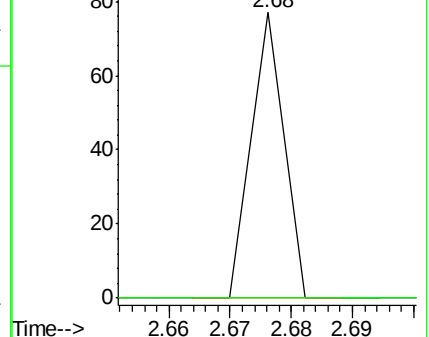
94 100

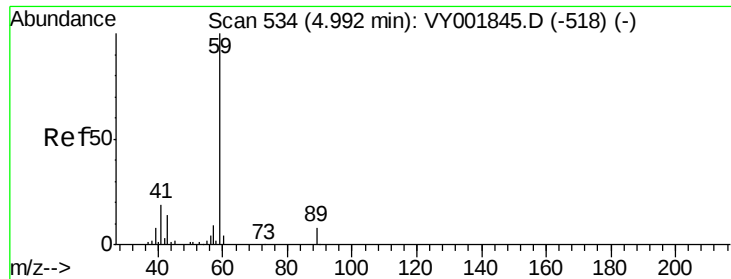
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001928.D (-103) (-)

Ion 95.90 (95.60 to 96.60): VY001928.D (-103) (-)



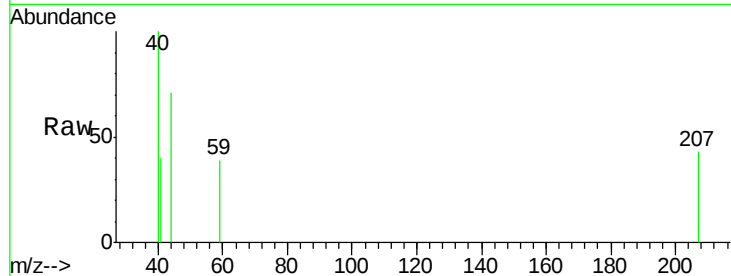


#11

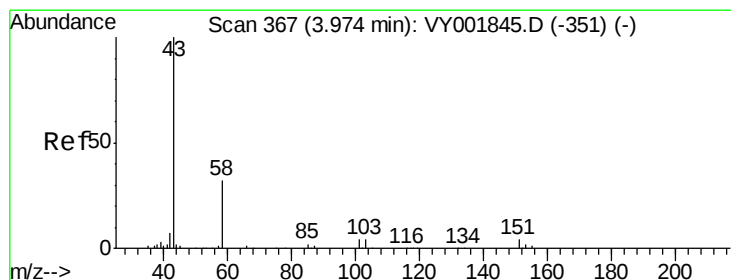
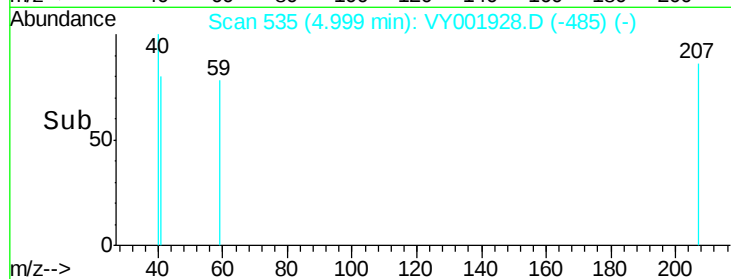
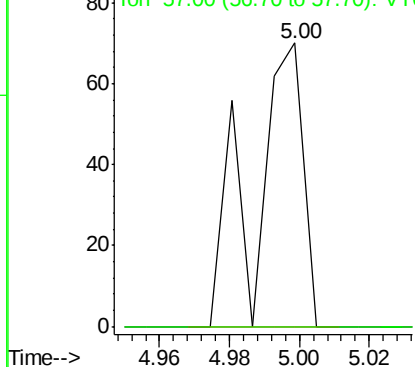
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001928.D
 Acq: 10 Mar 2020 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 59 Resp: 69
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



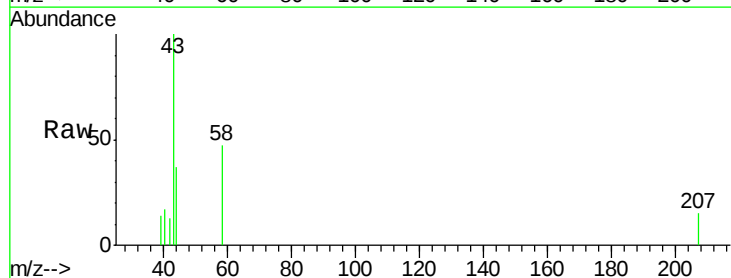
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



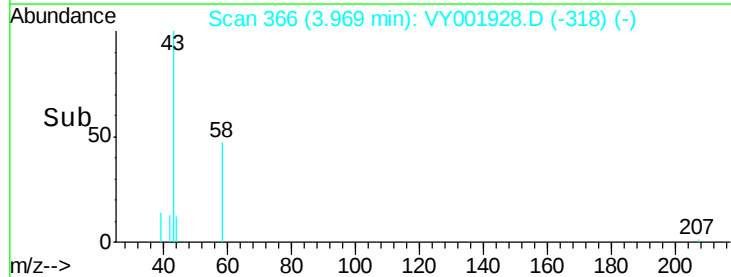
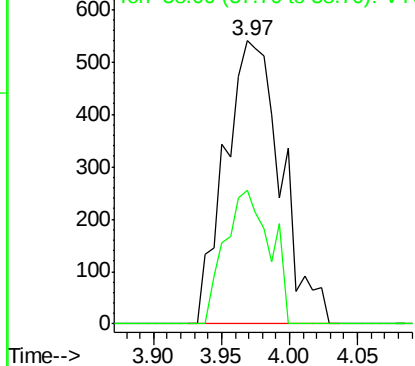
#16

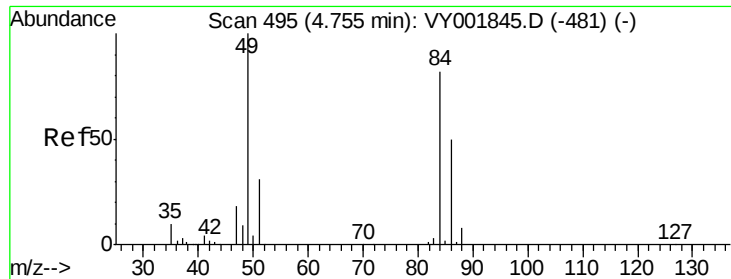
Acetone
 Concen: 3.666 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY001928.D
 Acq: 10 Mar 2020 17:33

Tgt Ion: 43 Resp: 1556
 Ion Ratio Lower Upper
 43 100
 58 47.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

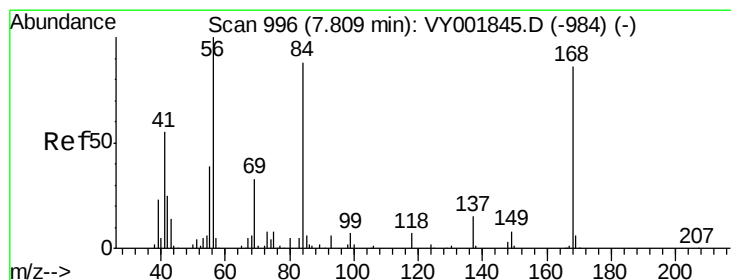
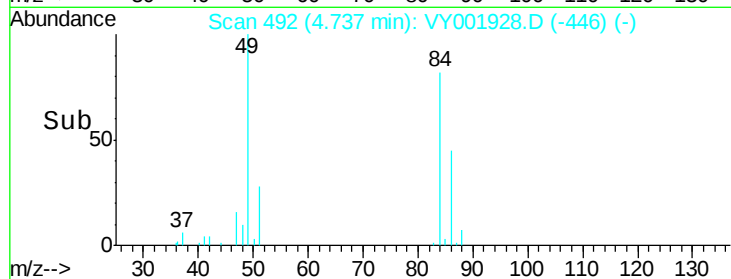
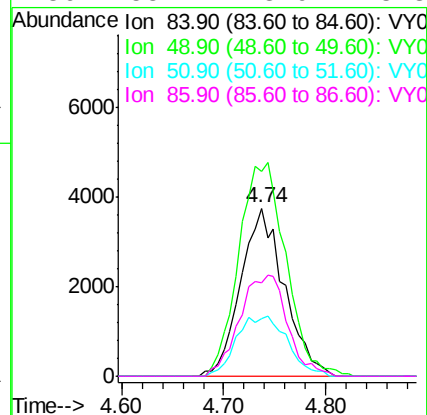
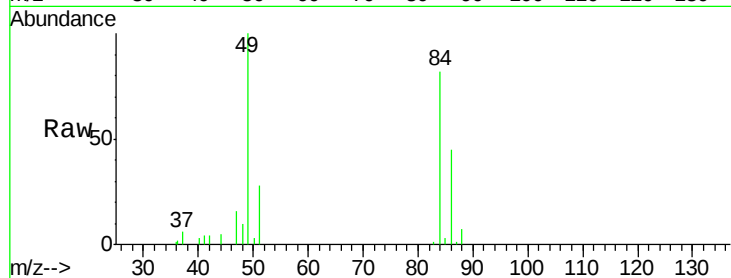




#20
Methvlene Chloride
Concen: 6.120 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

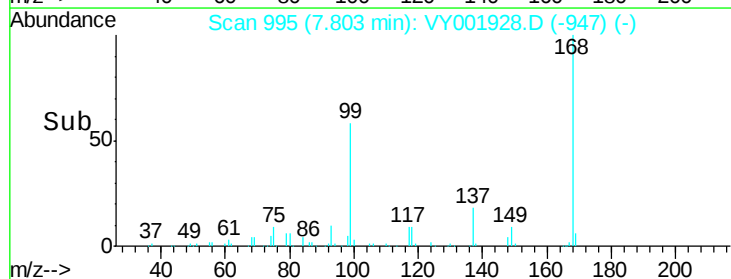
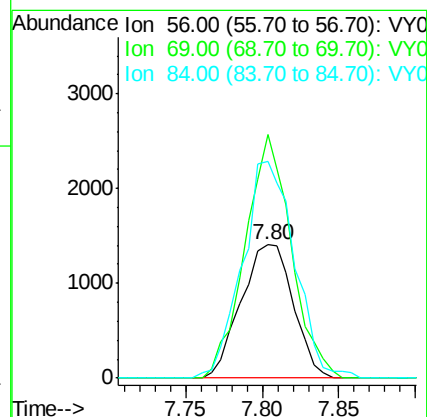
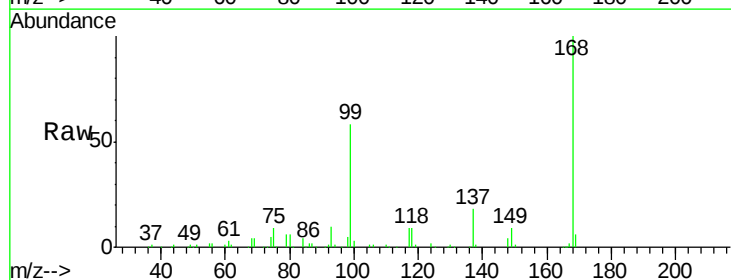
Instrument :
MSVOA_Y
ClientSampleId :

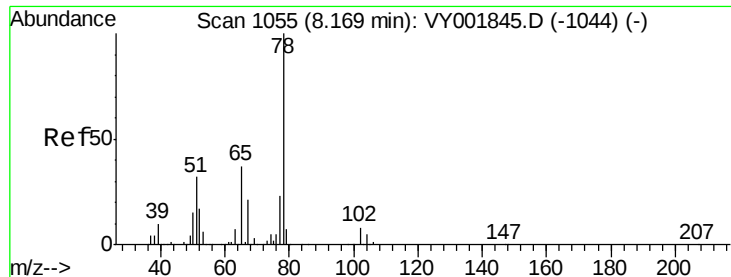
Tot Ion: 84 Resp: 11133
Ion Ratio Lower Upper
84 100
49 122.0 98.2 147.2
51 34.2 30.2 45.2
86 55.2 48.9 73.3



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

Tgt Ion: 56 Resp: 3329
Ion Ratio Lower Upper
56 100
69 182.5 26.7 40.1#
84 162.6 70.4 105.6#

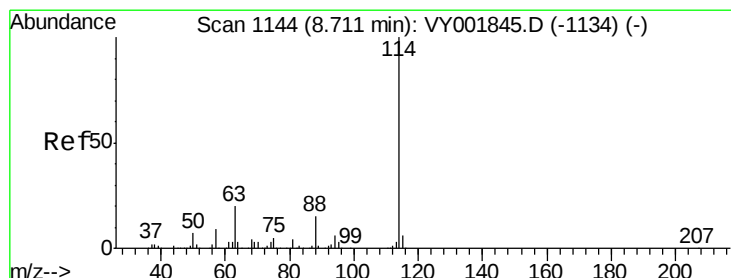
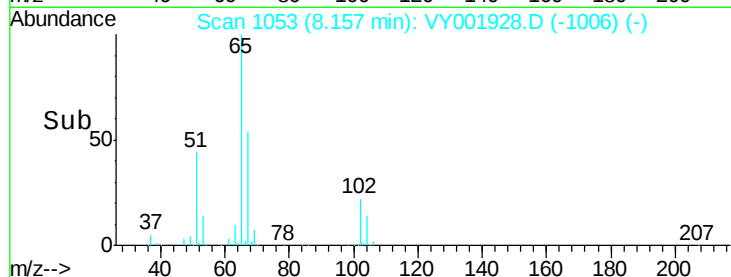
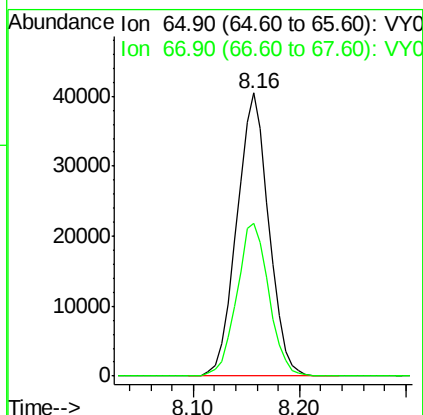
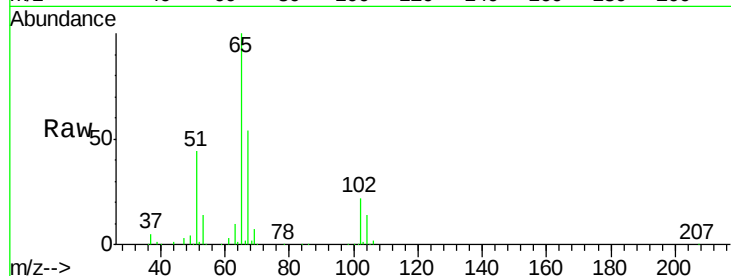




#33
 1,2-Dichloroethane-d4
 Concen: 58.460 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001928.D
 Acq: 10 Mar 2020 17:33

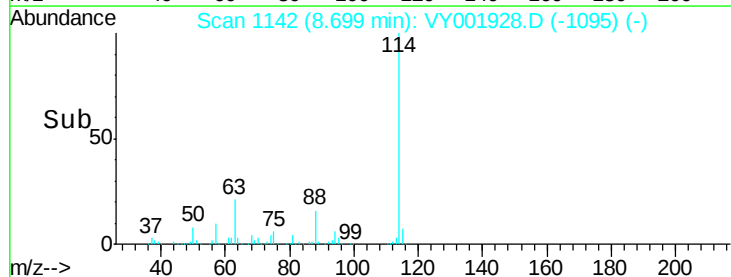
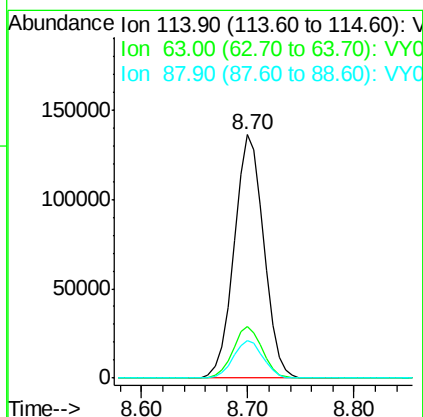
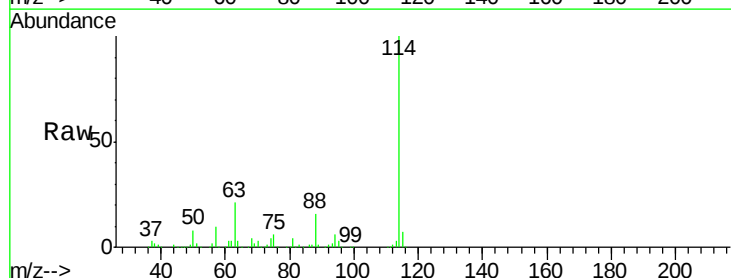
Instrument :
 MSVOA_Y
 ClientSampled :

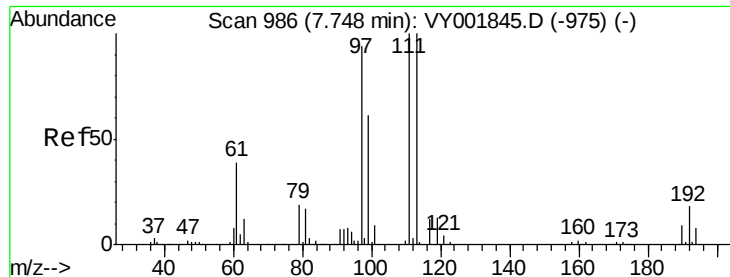
Tot Ion: 65 Resp: 85187
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001928.D
 Acq: 10 Mar 2020 17:33

Tgt Ion: 114 Resp: 266084
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.4
 88 15.6 0.0 30.4

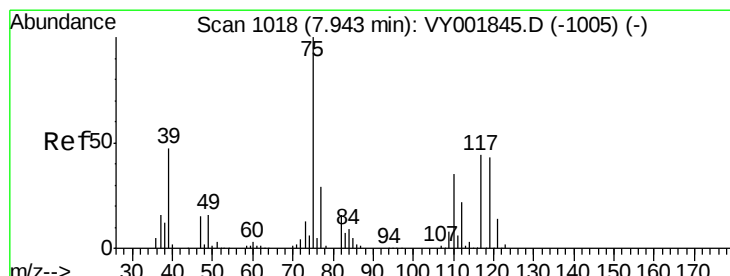
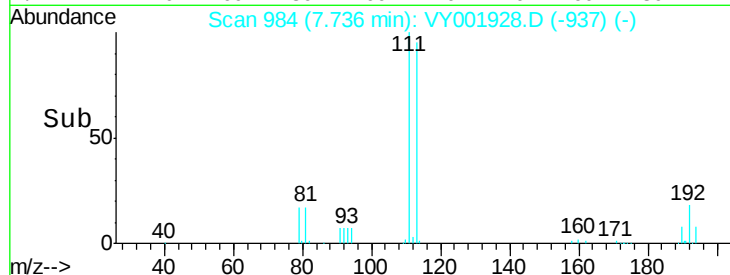
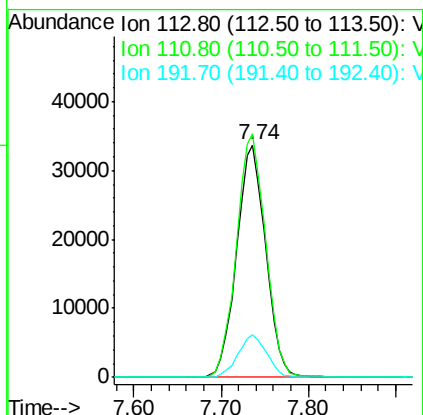
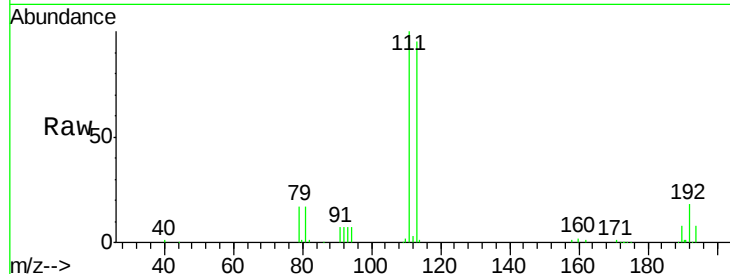




#35
Dibromofluoromethane
Concen: 53.626 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

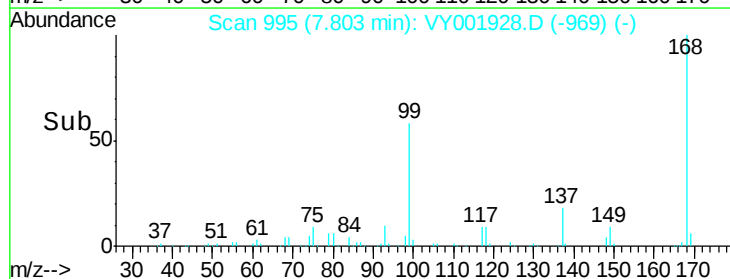
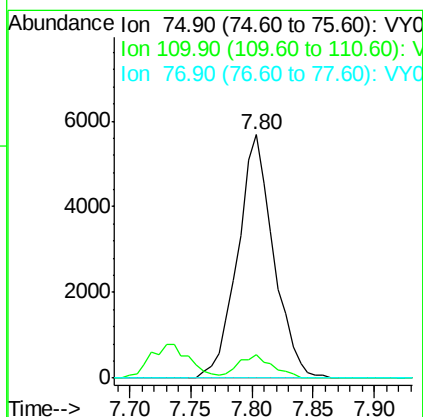
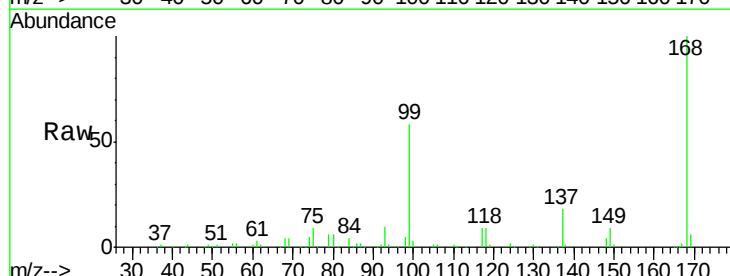
Instrument :
MSVOA_Y
ClientSampleId :

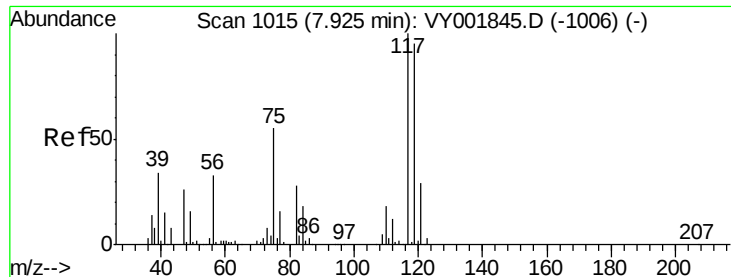
Tot Ion:113 Resp: 77915
Ion Ratio Lower Upper
113 100
111 105.4 81.8 122.8
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.14 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

Tgt Ion: 75 Resp: 11556
Ion Ratio Lower Upper
75 100
110 8.9 17.4 52.2#
77 0.0 24.2 36.2#

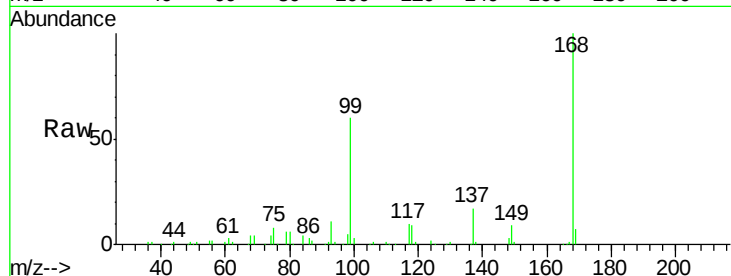




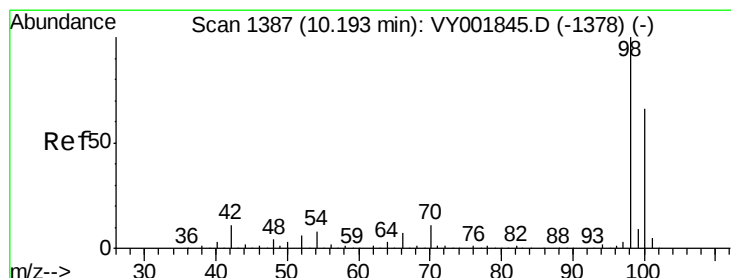
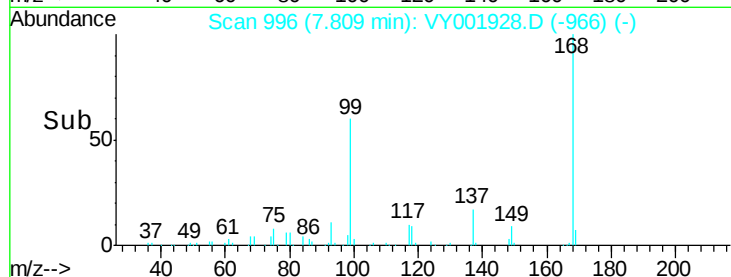
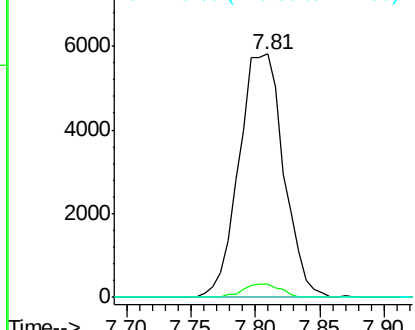
#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 13973
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 23.5 35.3#

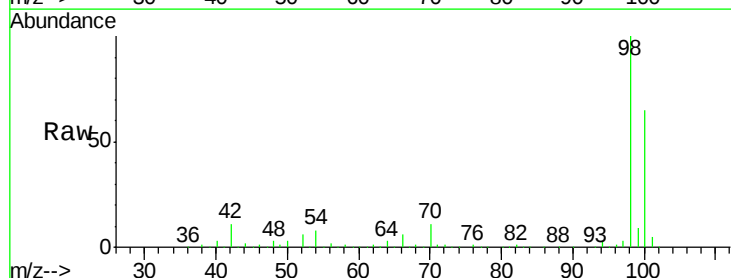


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

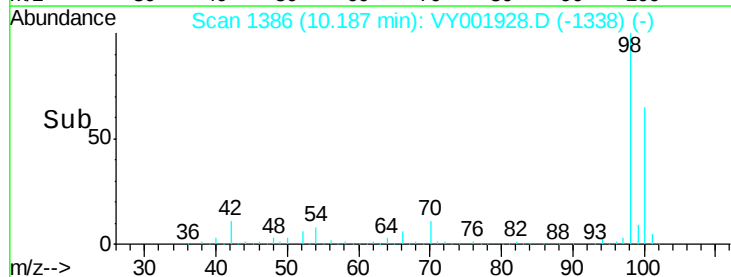
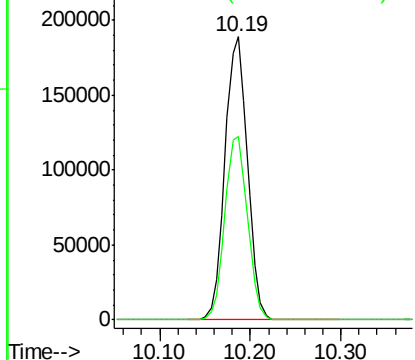


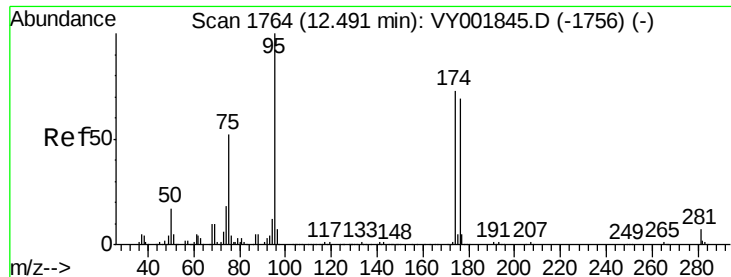
#50
Toluene-d8
Concen: 53.242 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

Tgt Ion: 98 Resp: 326204
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

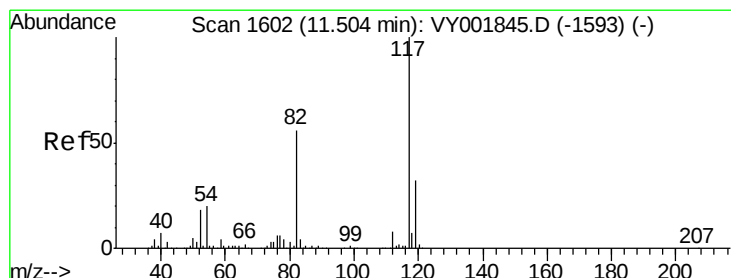
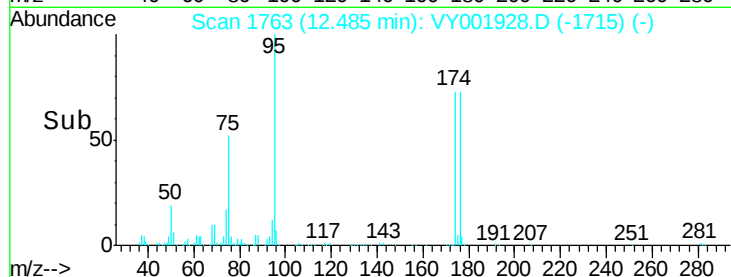
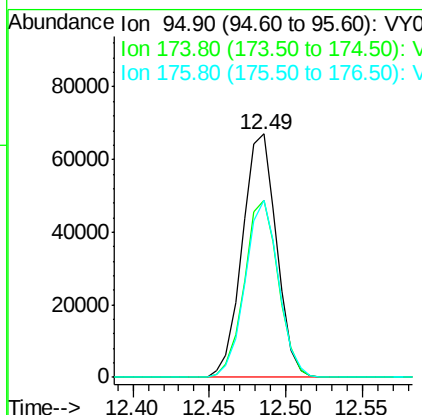
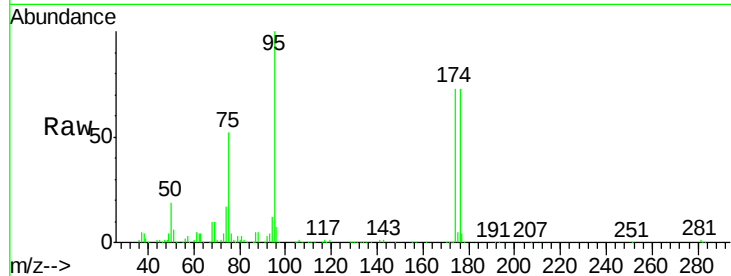




#62
4-Bromofluorobenzene
Concen: 48.864 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

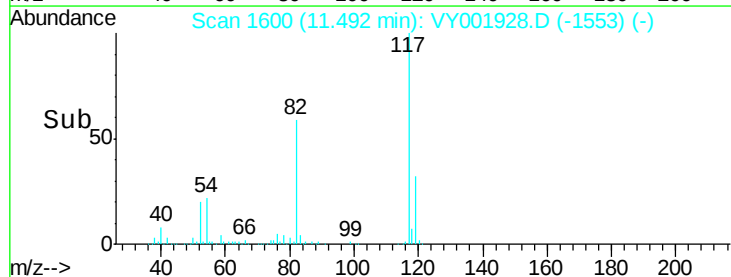
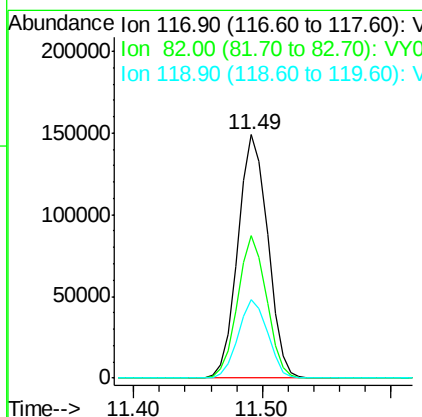
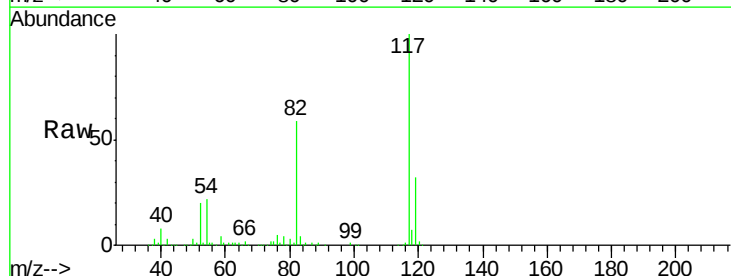
Instrument :
MSVOA_Y
ClientSampleId :

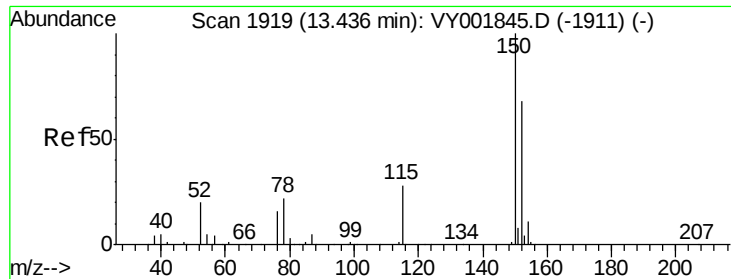
Tot Ion	95	Resp	104097
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	145.0
176	70.8	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

Tgt Ion	117	Resp	238795
Ion Ratio	Lower	Upper	
117	100		
82	58.6	44.5	66.7
119	32.3	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001928.D

Acq: 10 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

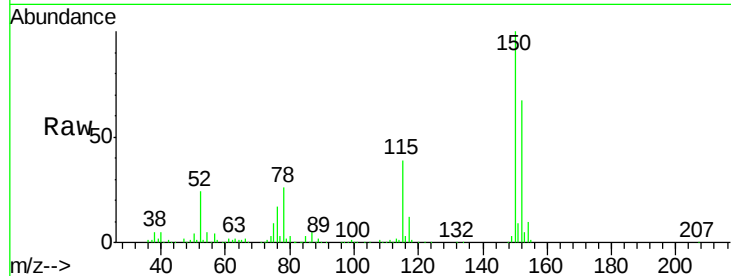
Tot Ion:152 Resp: 96328

Ion Ratio Lower Upper

152 100

115 62.7 29.9 89.7

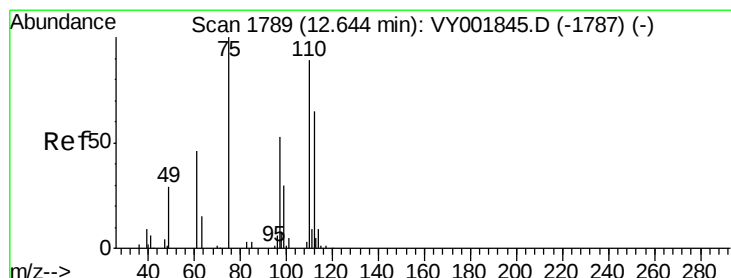
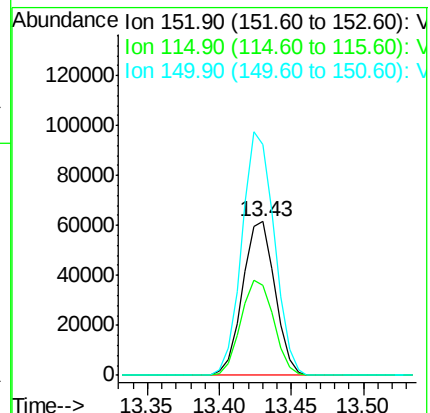
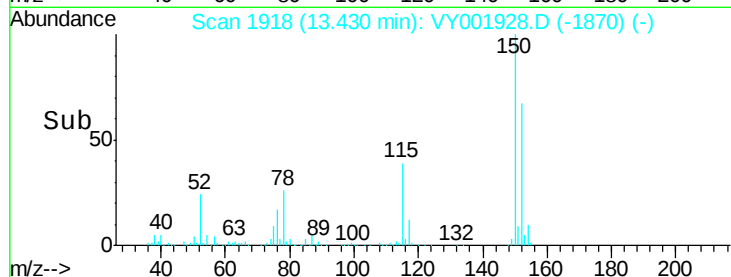
150 158.3 0.0 340.6



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: 47.249 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001928.D

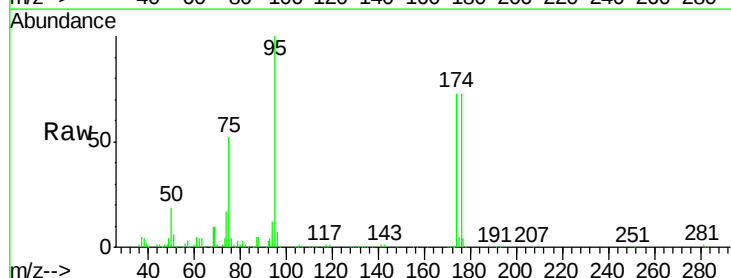
Acq: 10 Mar 2020 17:33

Tgt Ion: 75 Resp: 54006

Ion Ratio Lower Upper

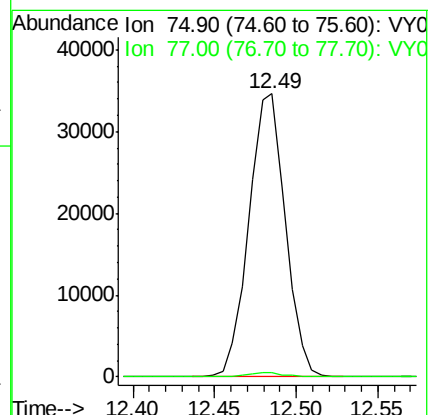
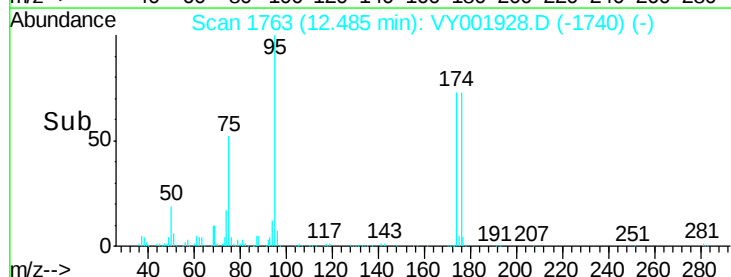
75 100

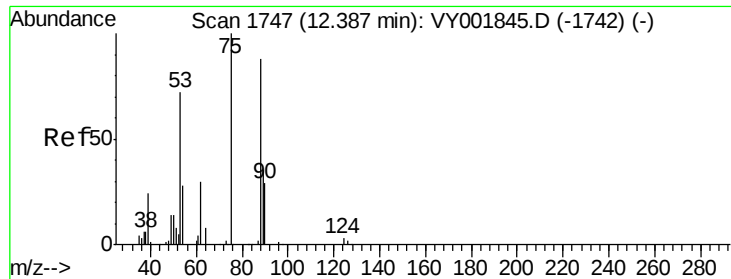
77 1.5 0.0 0.0#



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: 95.442 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001928.D

Acq: 10 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

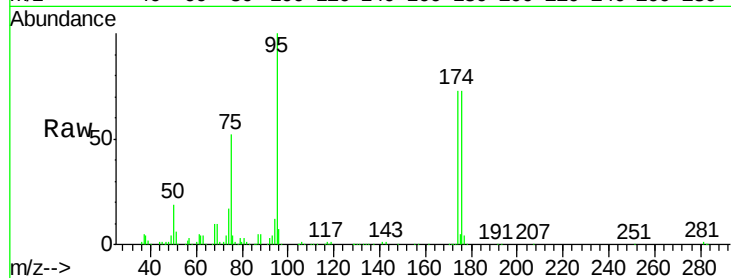
Tot Ion: 75 Resp: 54006

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#



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

