

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002614.D
 Acq On : 06 May 2020 14:39
 Operator : SY/MD
 Sample : L2483-16RE
 Misc : 8.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 07 04:14:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	314139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	483790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	416169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	169353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	140155	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
35) Dibromofluoromethane	7.74	113	145222	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.19	98	561443	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.49	95	164881	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

Target Compounds

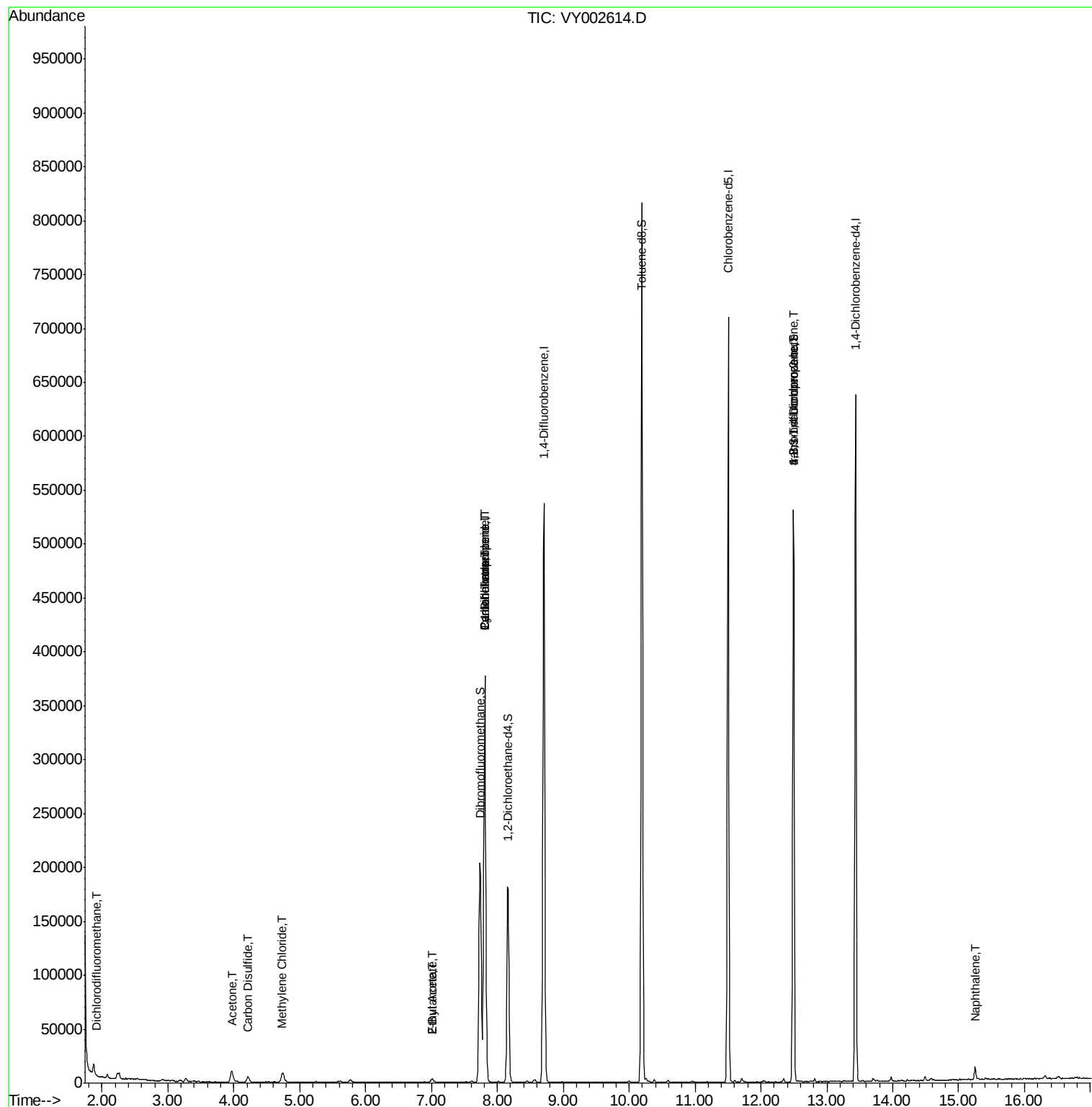
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	167	1.847	ug/l #	43
16) Acetone	3.97	43	19747	36.225	ug/l	98
17) Carbon Disulfide	4.21	76	10258	1.261	ug/l	98
20) Methylene Chloride	4.74	84	6719	2.204	ug/l	95
25) 2-Butanone	7.01	43	4863	5.450	ug/l	96
31) Cyclohexane	7.81	56	5220	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	19930	4.914	ug/l #	49
37) Ethyl Acetate	7.01	43	4863	2.333	ug/l #	67
38) Carbon Tetrachloride	7.81	117	28764	6.496	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	80580	53.542	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	80580	107.362	ug/l #	15
95) Naphthalene	15.25	128	9970	1.625	ug/l	99

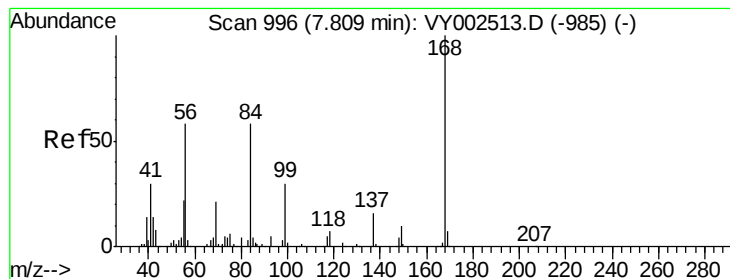
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002614.D
Acq On : 06 May 2020 14:39
Operator : SY/MD
Sample : L2483-16RE
Misc : 8.04G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 07 04:14:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

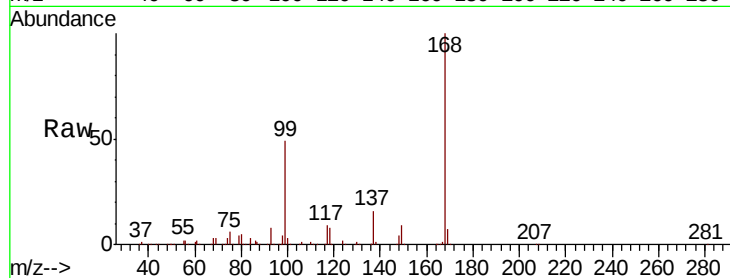
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 314139

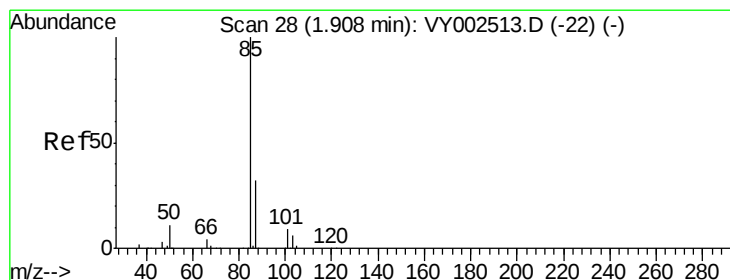
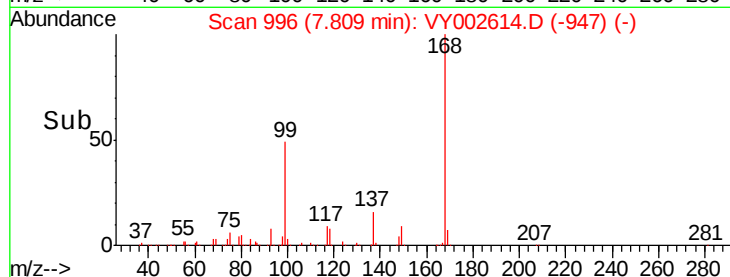
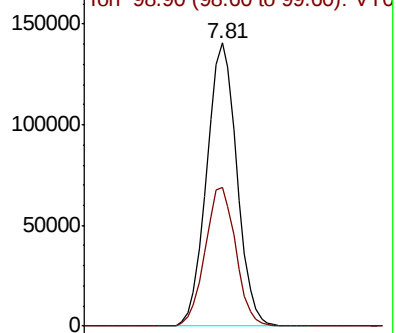
Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002614.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 1.847 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002614.D

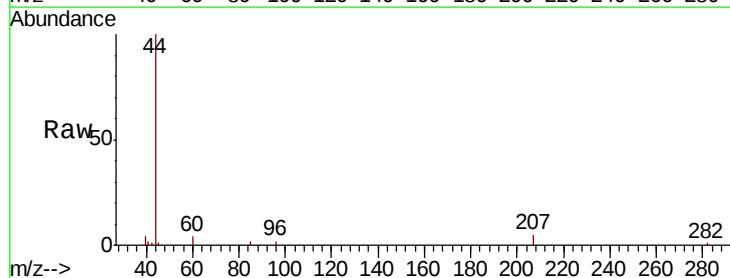
Acq: 06 May 2020 14:39

Tgt Ion: 85 Resp: 167

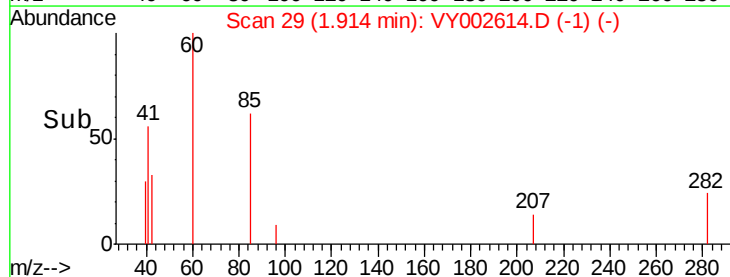
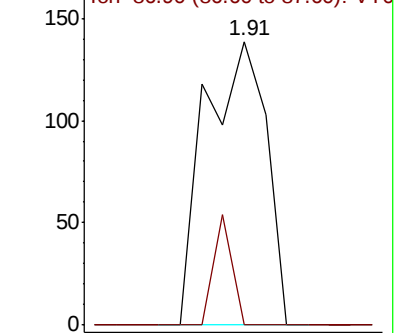
Ion Ratio Lower Upper

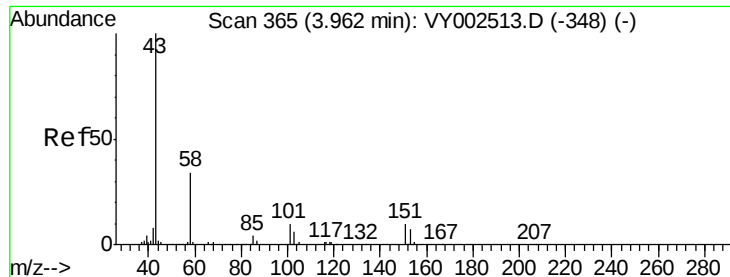
85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002614.D (-1) (-)





#16

Acetone

Concen: 36.225 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

Instrument :

MSVOA_Y

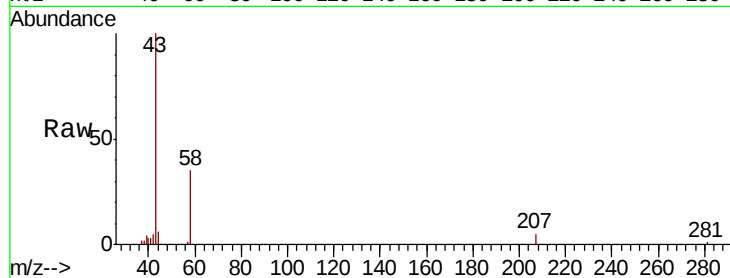
ClientSampleId :

Tot Ion: 43 Resp: 19747

Ion Ratio Lower Upper

43 100

58 34.6 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

8000

6000

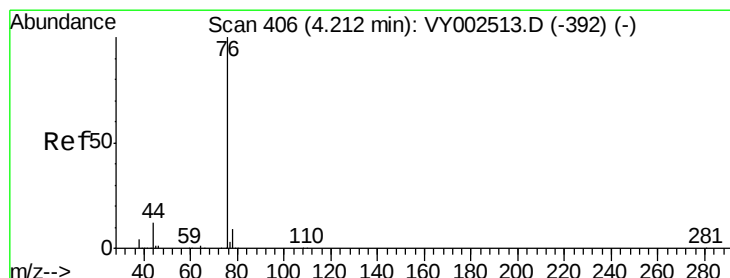
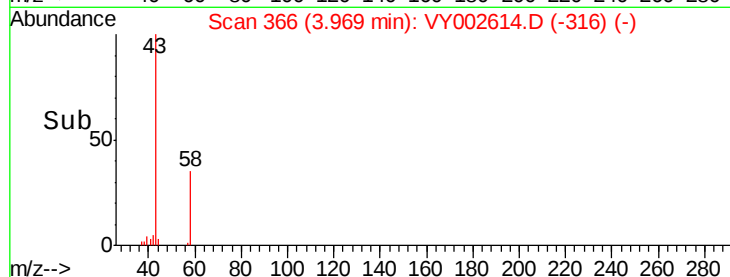
4000

2000

0

3.90 3.97 4.00 4.10

Time-->



#17

Carbon Disulfide

Concen: 1.261 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002614.D

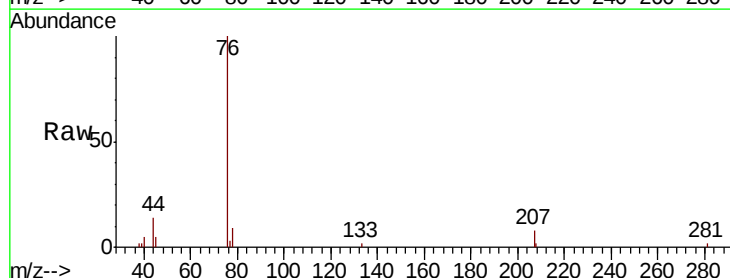
Acq: 06 May 2020 14:39

Tgt Ion: 76 Resp: 10258

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4000

3000

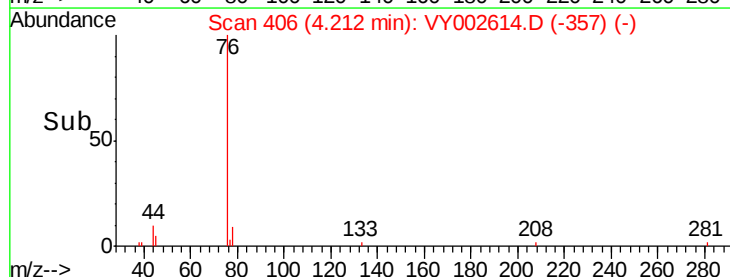
2000

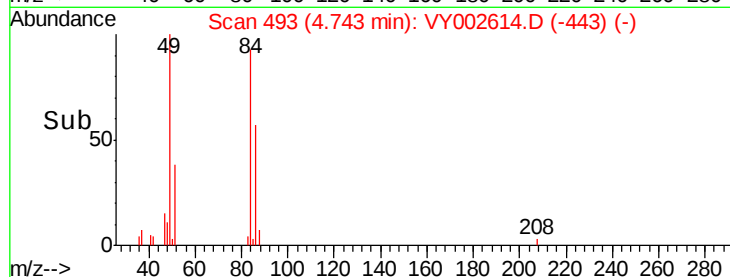
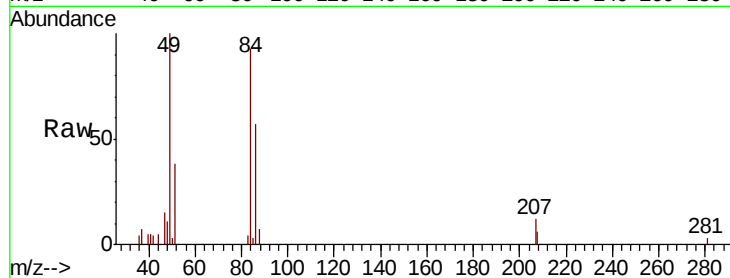
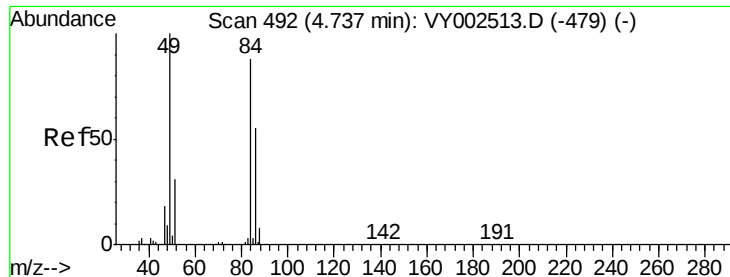
1000

0

4.10 4.15 4.20 4.25 4.30

Time-->

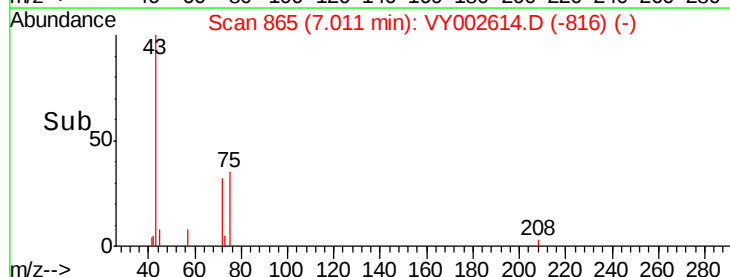
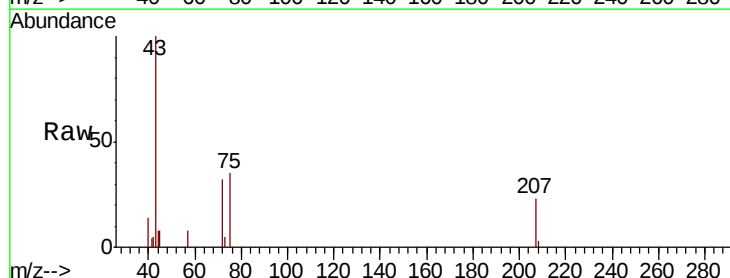
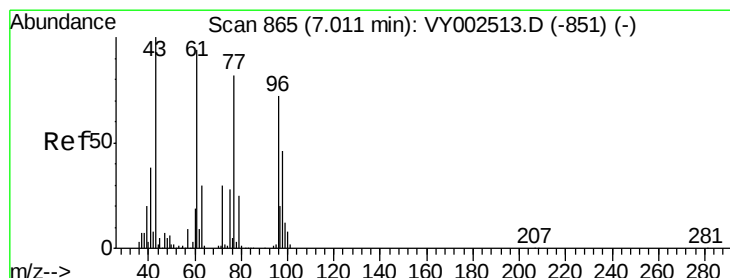
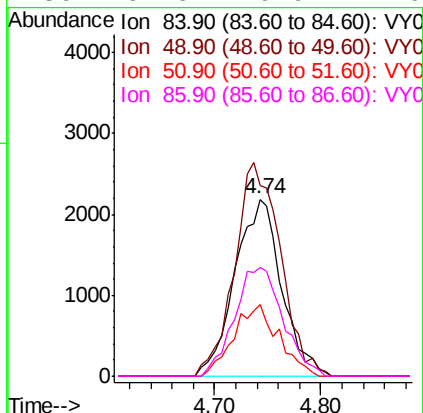




#20
Methvlene Chloride
Concen: 2.204 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002614.D
Acq: 06 May 2020 14:39

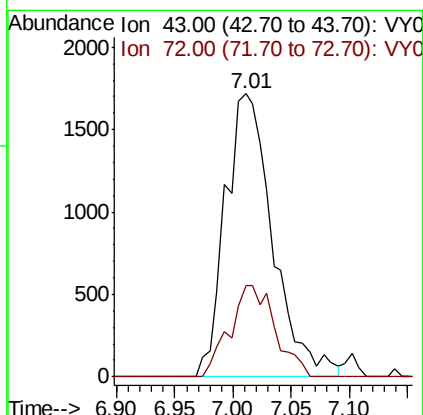
Instrument :
MSVOA_Y
ClientSampleId :

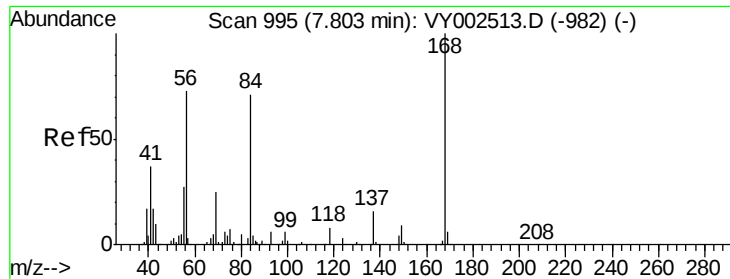
Tot Ion:	84	Resp:	6719
Ion	Ratio	Lower	Upper
84	100		
49	107.6	90.5	135.7
51	40.6	28.3	42.5
86	61.6	49.9	74.9



#25
2-Butanone
Concen: 5.450 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002614.D
Acq: 06 May 2020 14:39

Tgt Ion:	43	Resp:	4863
Ion	Ratio	Lower	Upper
43	100		
72	32.4	24.1	36.1

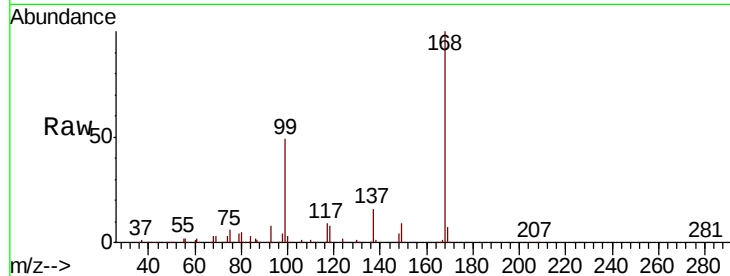




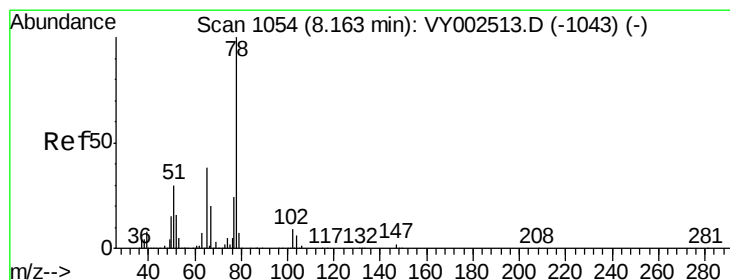
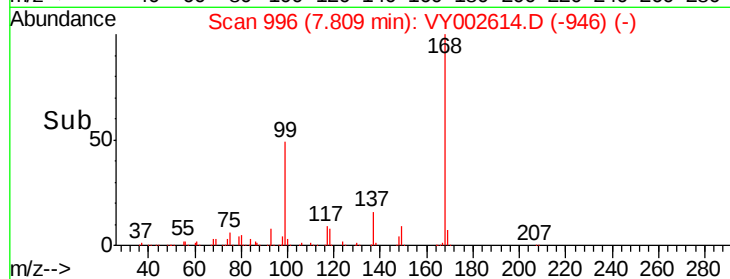
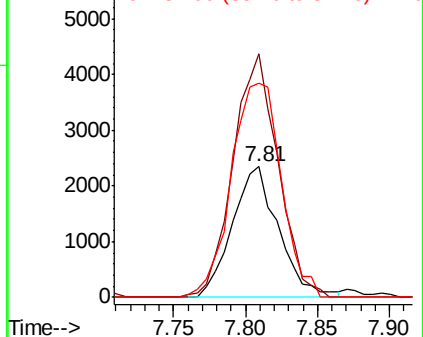
#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002614.D
Acq: 06 May 2020 14:39

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 5220
Ion Ratio Lower Upper
56 100
69 186.4 27.6 41.4#
84 163.8 77.7 116.5#

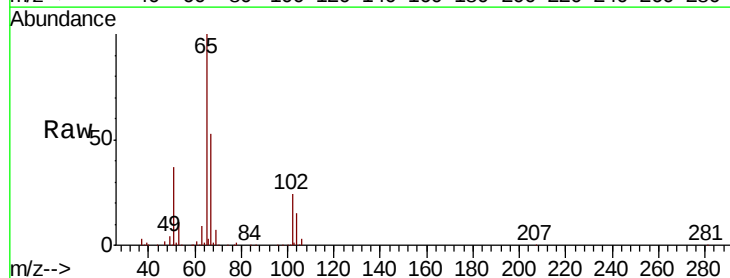


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

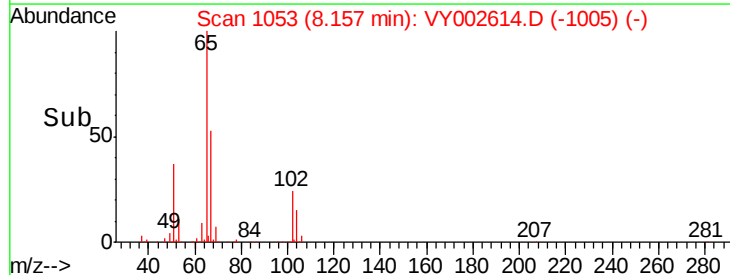
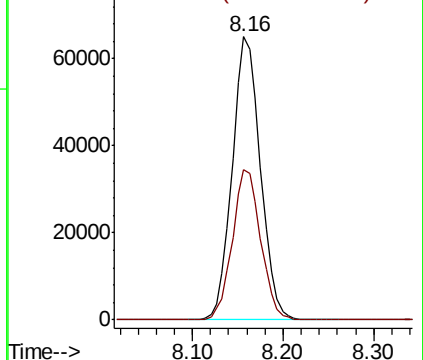


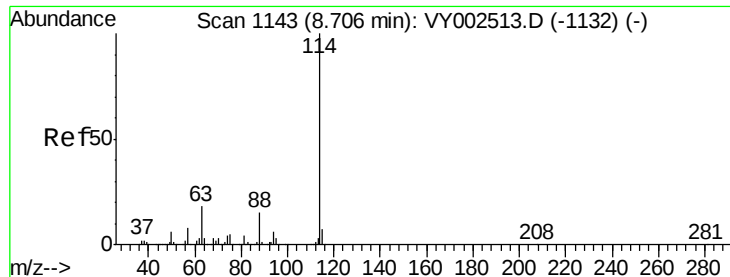
#33
1,2-Dichloroethane-d4
Concen: 53.062 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002614.D
Acq: 06 May 2020 14:39

Tgt Ion: 65 Resp: 140155
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

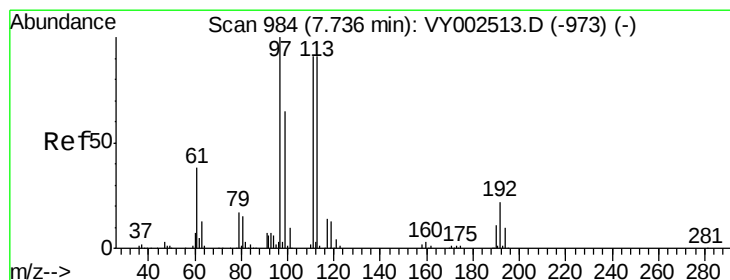
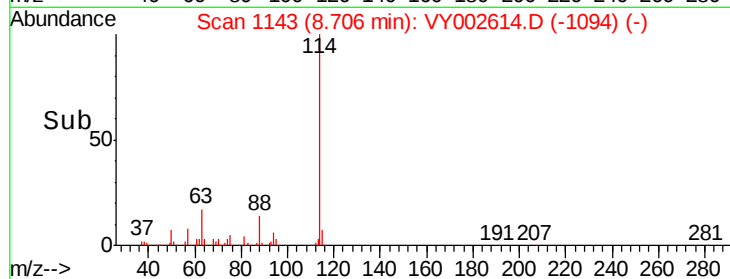
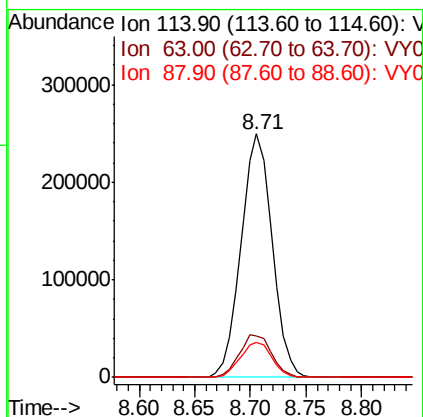
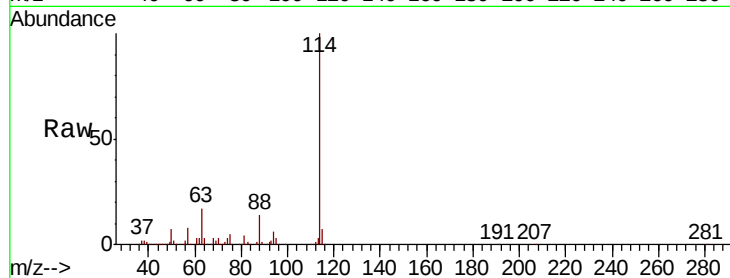




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002614.D
 Acq: 06 May 2020 14:39

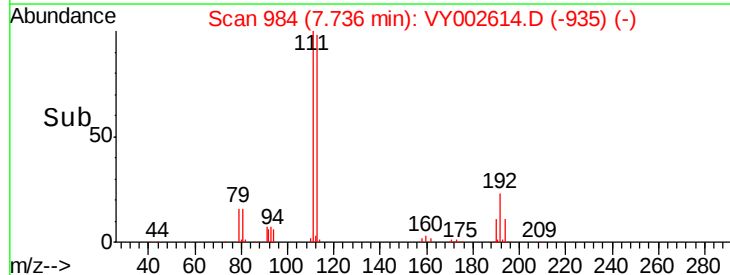
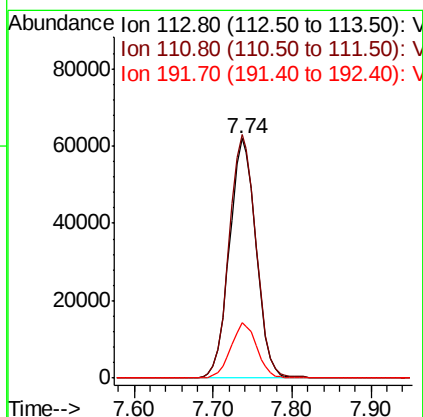
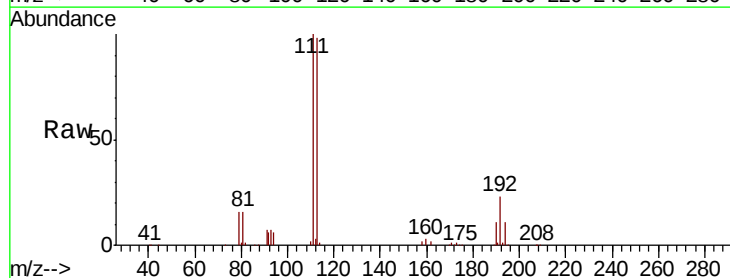
Instrument :
 MSVOA_Y
 ClientSampleId :

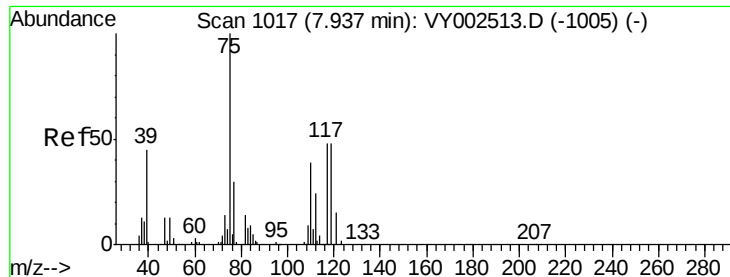
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.4
88	14.3	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 52.487 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002614.D
 Acq: 06 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	22.5	18.2	27.4





#36

1,1-Dichloropropene

Concen: 4.914 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

Instrument :
MSVOA_Y
ClientSampleId :

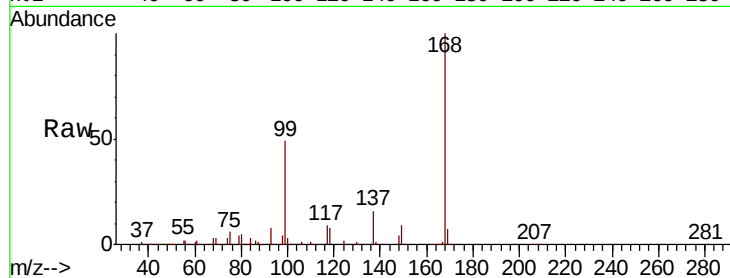
Tot Ion: 75 Resp: 19930

Ion Ratio Lower Upper

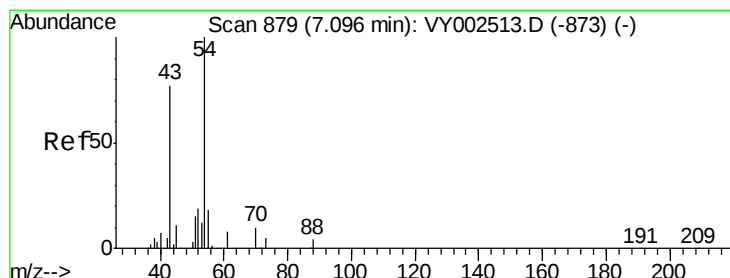
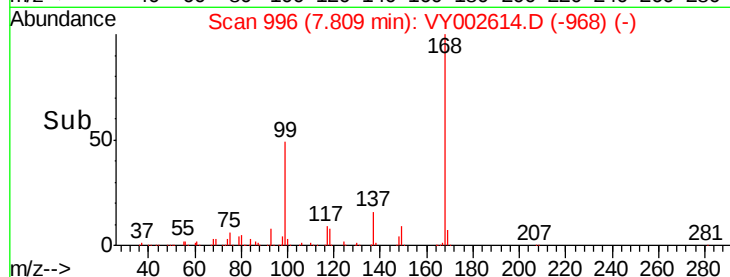
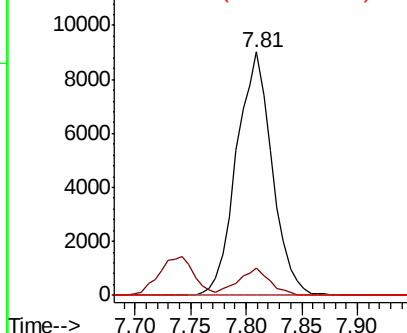
75 100

110 9.9 19.1 57.3#

77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): VY0
Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 2.333 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.09 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

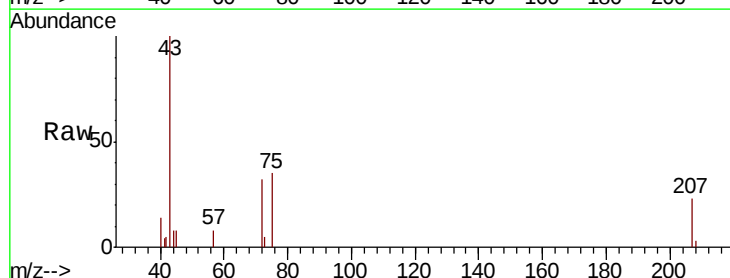
Tgt Ion: 43 Resp: 4863

Ion Ratio Lower Upper

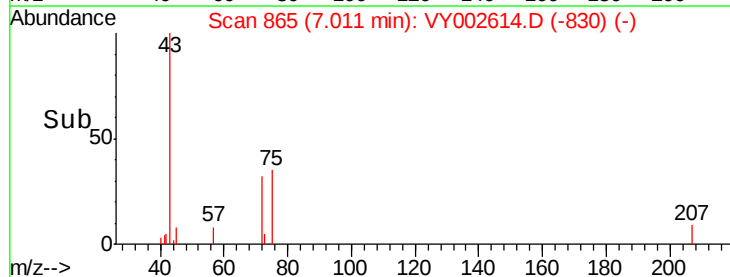
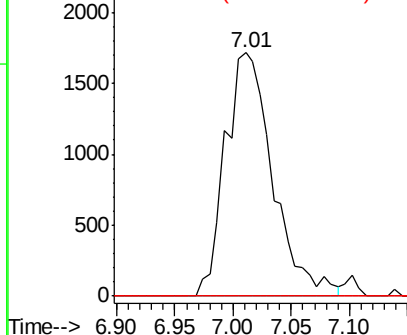
43 100

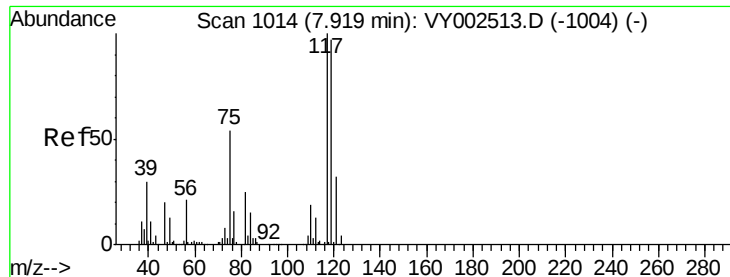
61 0.0 11.6 17.4#

70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

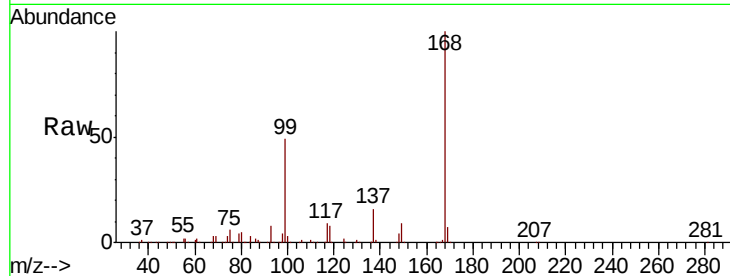




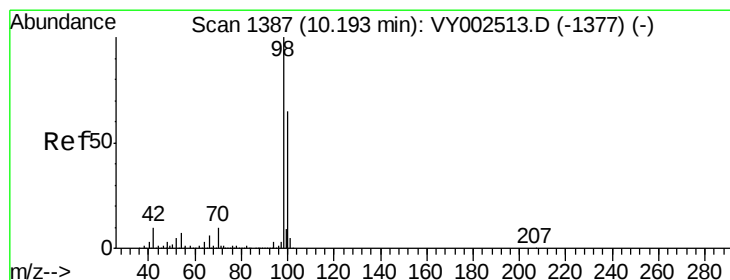
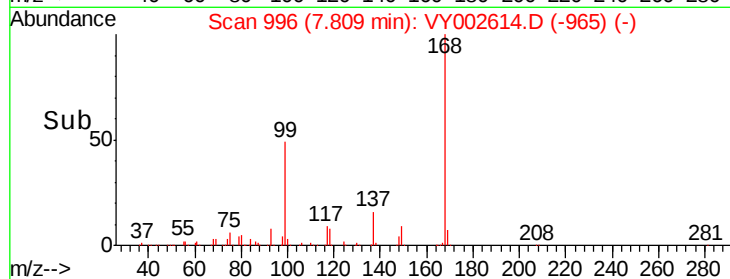
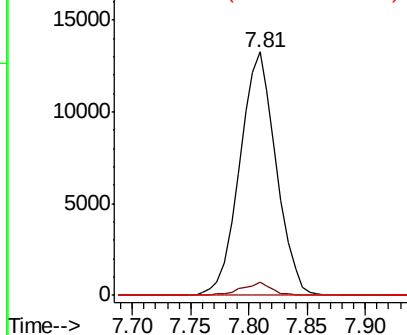
#38
Carbon Tetrachloride
Concen: 6.496 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002614.D
Acq: 06 May 2020 14:39

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 28764
Ion Ratio Lower Upper
117 100
119 5.3 77.1 115.7#
121 0.0 25.2 37.8#

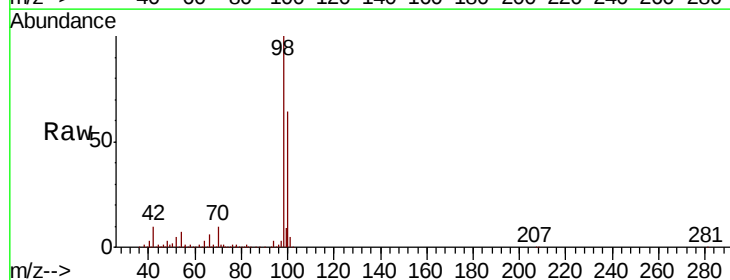


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

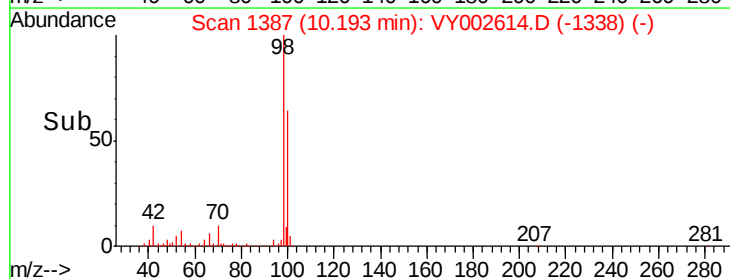
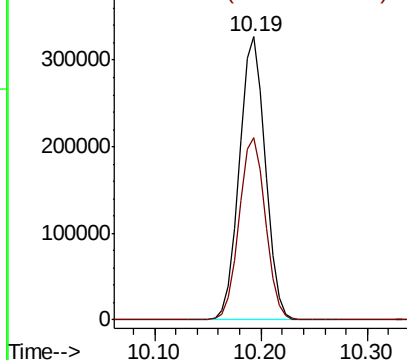


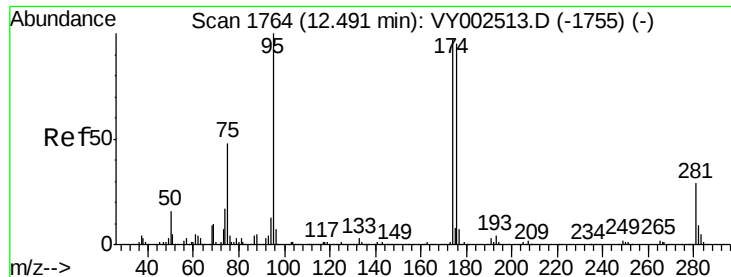
#50
Toluene-d8
Concen: 51.962 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002614.D
Acq: 06 May 2020 14:39

Tgt Ion: 98 Resp: 561443
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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





#62

4-Bromofluorobenzene

Concen: 44.972 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

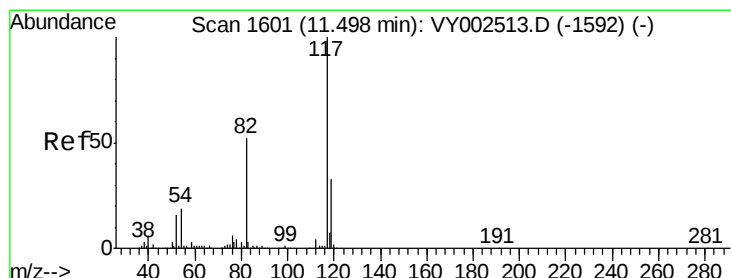
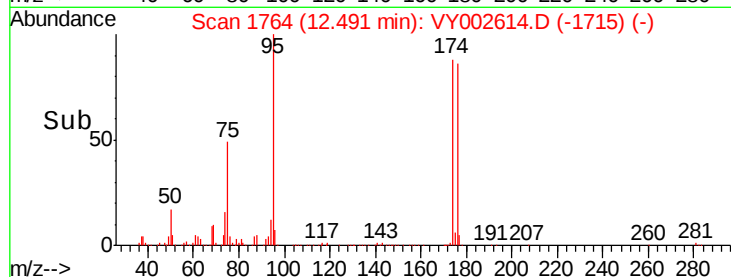
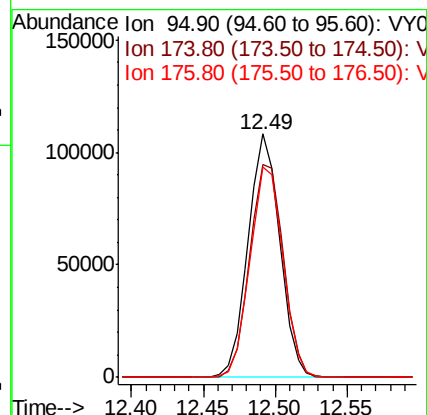
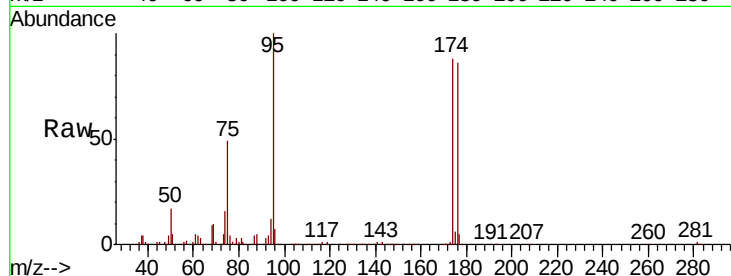
Tot Ion: 95 Resp: 164881

Ion Ratio Lower Upper

95 100

174 92.7 0.0 188.8

176 89.7 0.0 183.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

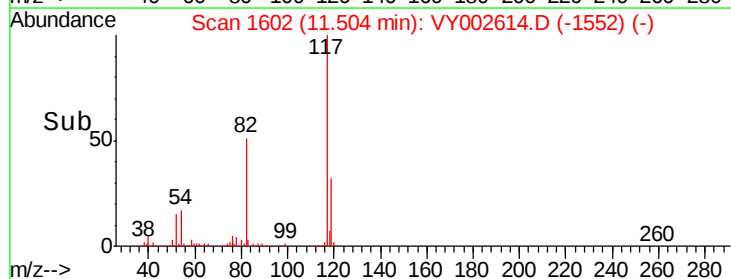
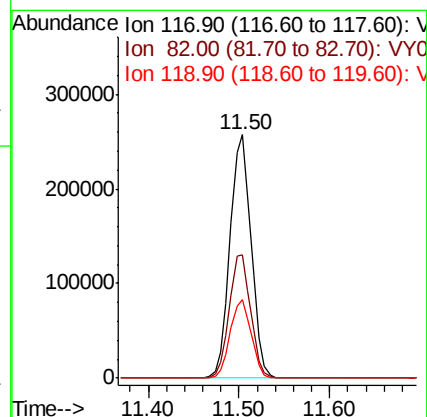
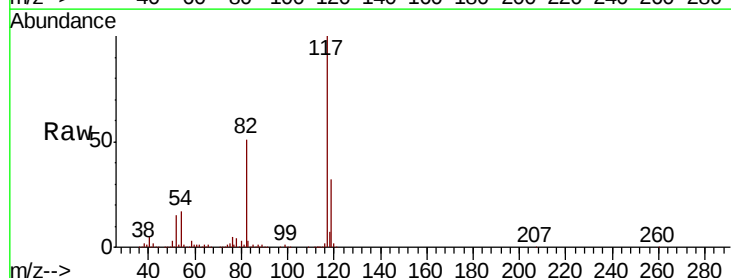
Tgt Ion: 117 Resp: 416169

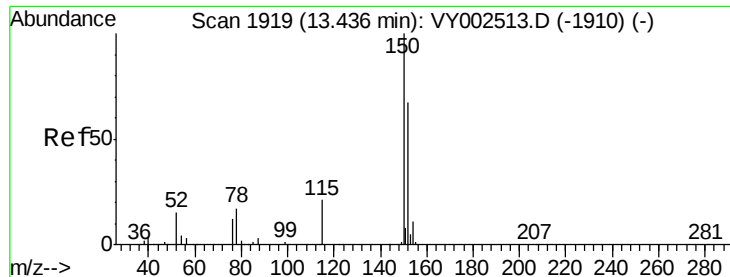
Ion Ratio Lower Upper

117 100

82 50.8 41.3 61.9

119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

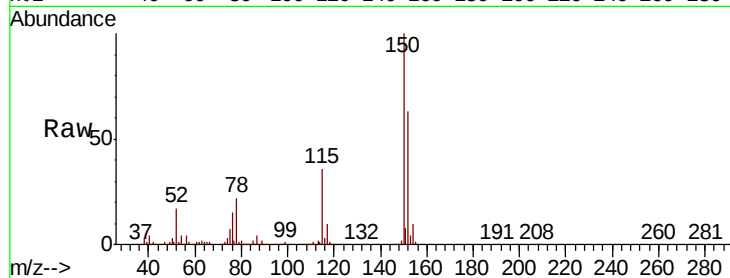
Tot Ion:152 Resp: 169353

Ion Ratio Lower Upper

152 100

115 55.3 27.5 82.4

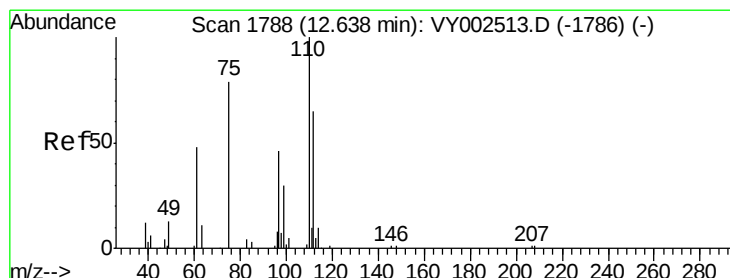
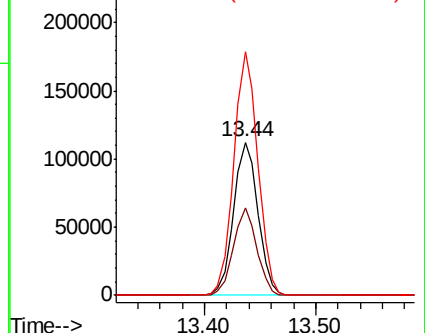
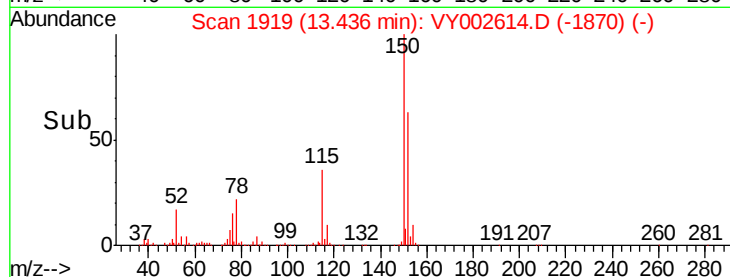
150 157.2 0.0 346.4



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: 53.542 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002614.D

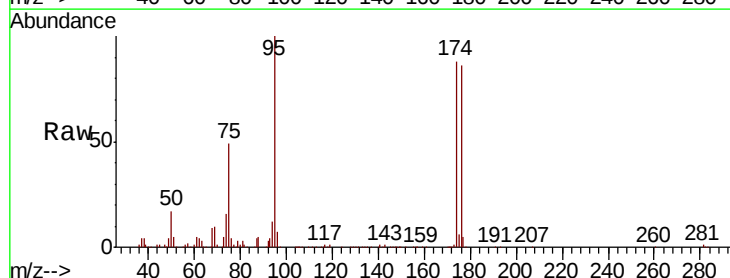
Acq: 06 May 2020 14:39

Tgt Ion: 75 Resp: 80580

Ion Ratio Lower Upper

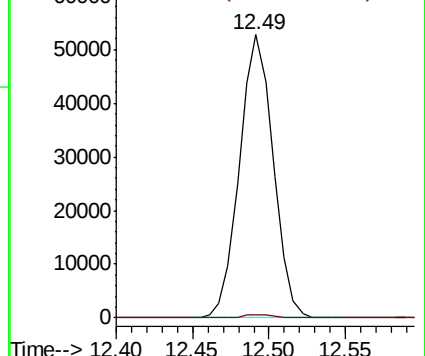
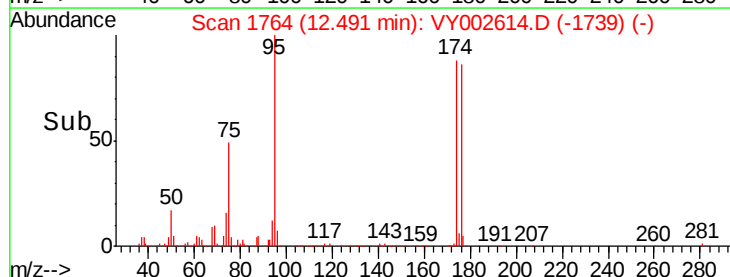
75 100

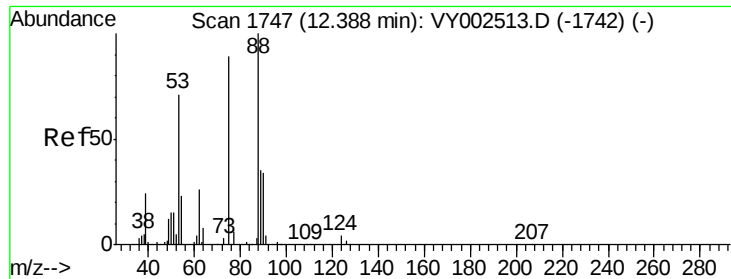
77 1.3 0.0 0.0#



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: 107.362 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

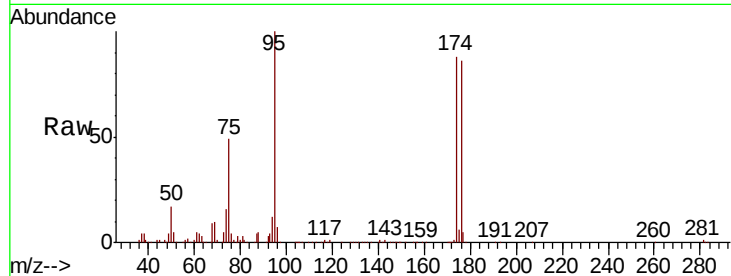
Tot Ion: 75 Resp: 80580

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

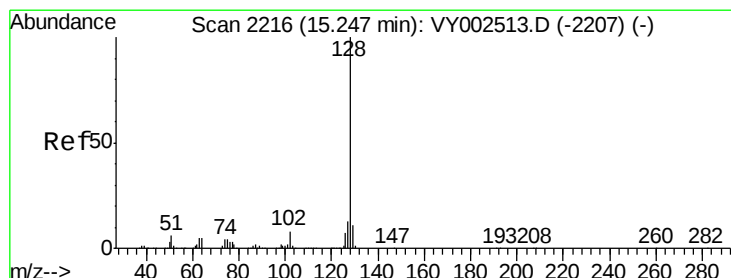
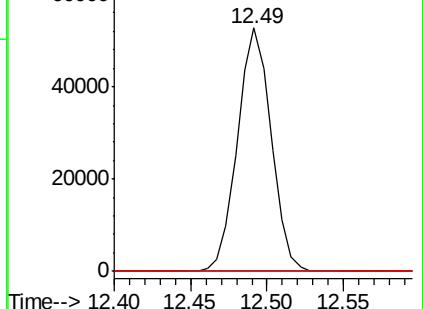
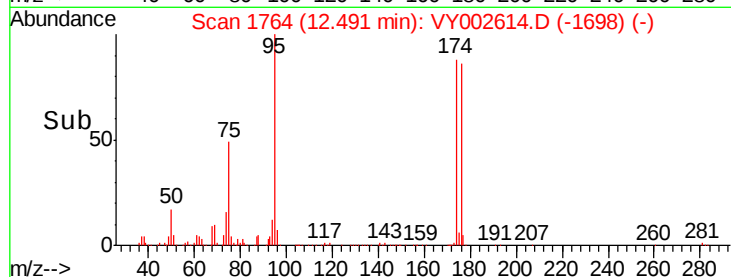
89 0.0 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY002614.D (-1764) (-)

Ion 53.00 (52.70 to 53.70): VY002614.D (-1764) (-)

Ion 88.90 (88.60 to 89.60): VY002614.D (-1764) (-)



#95

Naphthalene

Concen: 1.625 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002614.D

Acq: 06 May 2020 14:39

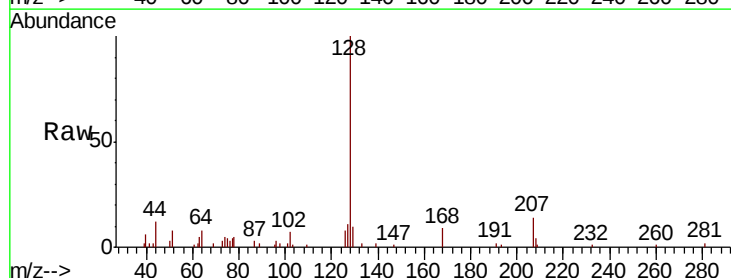
Tgt Ion: 128 Resp: 9970

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VY002614.D (-2216) (-)

Ion 127.00 (126.70 to 127.70): VY002614.D (-2216) (-)

Ion 129.00 (128.70 to 129.70): VY002614.D (-2216) (-)

