

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002615.D
 Acq On : 06 May 2020 15:02
 Operator : SY/MD
 Sample : L2523-01
 Misc : 10.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 07 04:15:01 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	7.82	168	273120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	418971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	357464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	171581	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	109299	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
35) Dibromofluoromethane	7.74	113	121699	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
50) Toluene-d8	10.19	98	477336	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.49	95	152608	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	

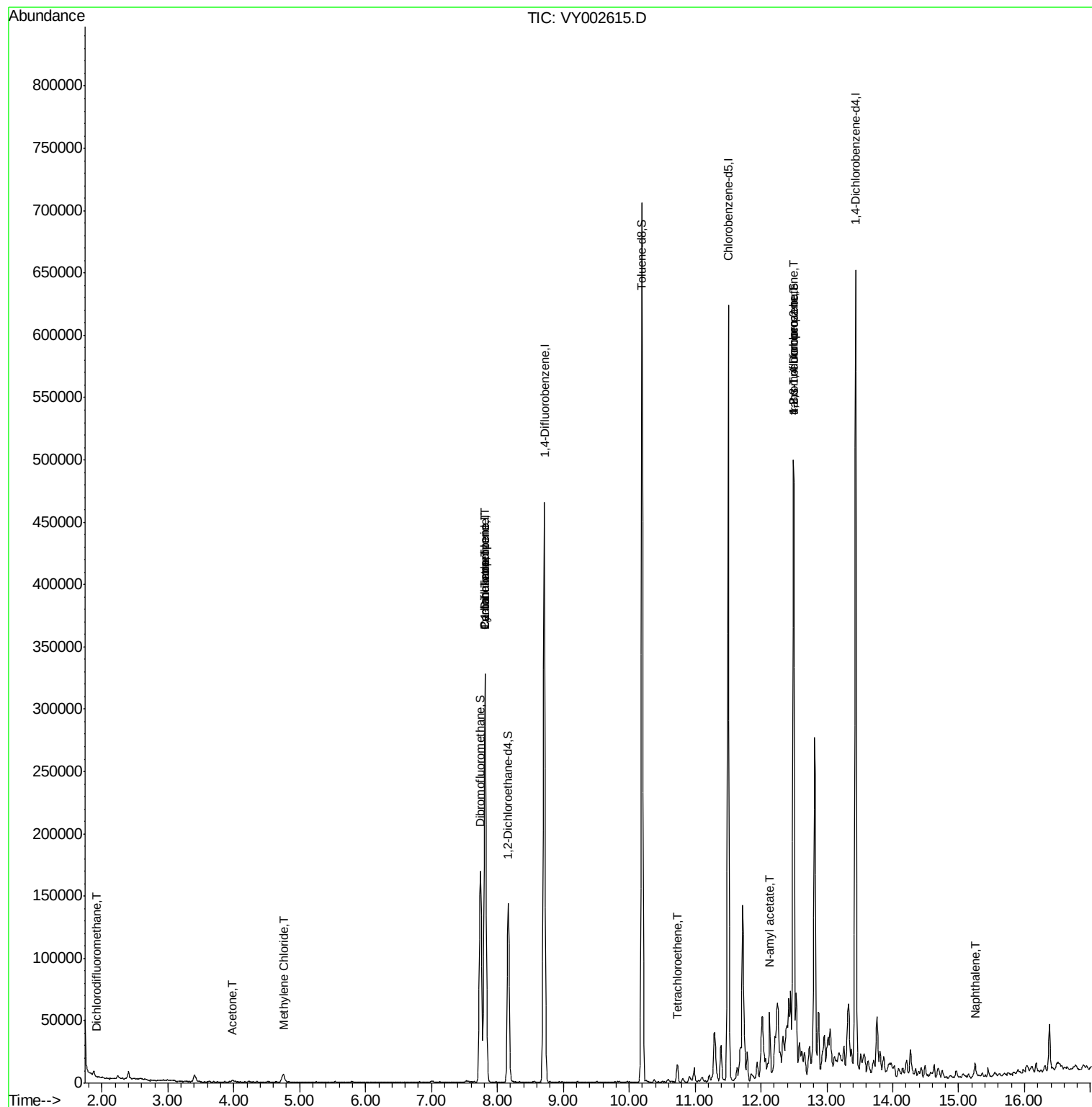
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	121	1.836	ug/l #	43
16) Acetone	3.98	43	2859	6.032	ug/l #	86
20) Methylene Chloride	4.75	84	5324	2.009	ug/l	91
31) Cyclohexane	7.81	56	4379	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	17543	4.995	ug/l #	49
38) Carbon Tetrachloride	7.82	117	23802	6.207	ug/l #	15
64) Tetrachloroethene	10.73	164	3286	1.035	ug/l	95
74) N-amyl acetate	12.13	43	10552	3.945	ug/l #	66
76) 1,2,3-Trichloropropane	12.49	75	74797	49.054	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	74797	98.363	ug/l #	16
95) Naphthalene	15.25	128	8087	1.301	ug/l	98

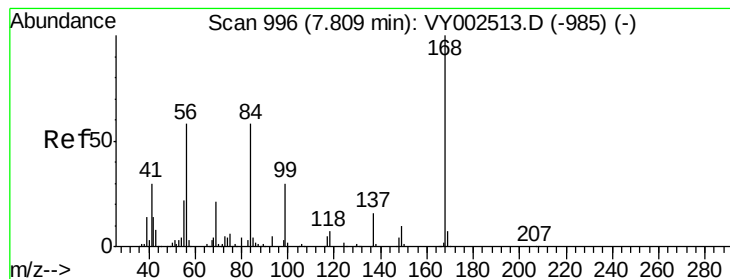
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
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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: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002615.D

Acq: 06 May 2020 15:02

Instrument :

MSVOA_Y

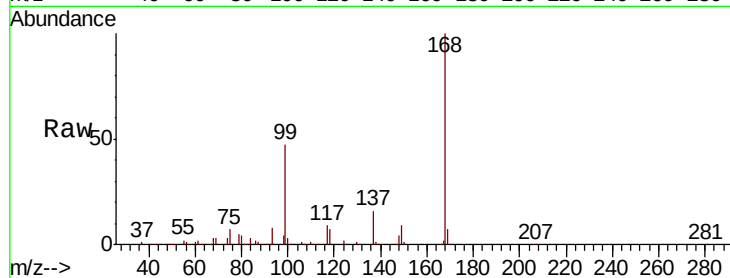
ClientSampled :

Tot Ion:168 Resp: 273120

Ion Ratio Lower Upper

168 100

99 47.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002615.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002615.D (-947) (-)

7.82

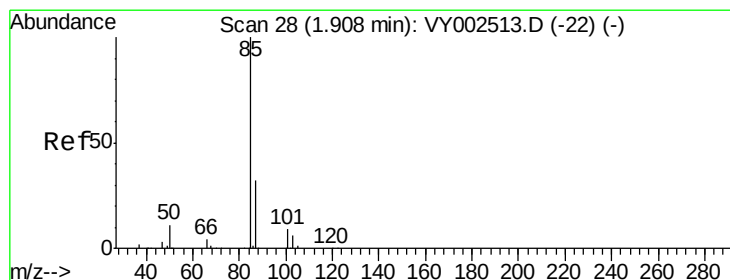
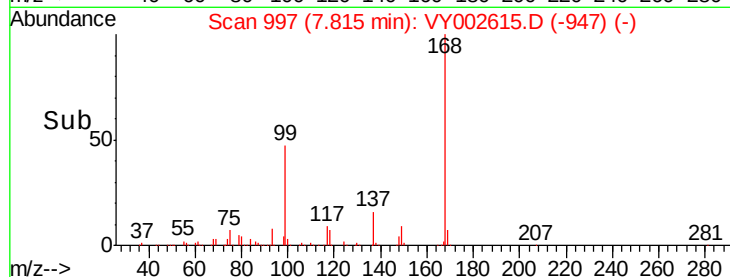
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.836 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002615.D

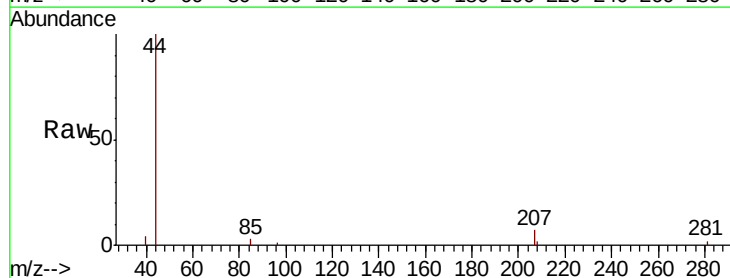
Acq: 06 May 2020 15:02

Tgt Ion: 85 Resp: 121

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002615.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002615.D (-1) (-)

1.91

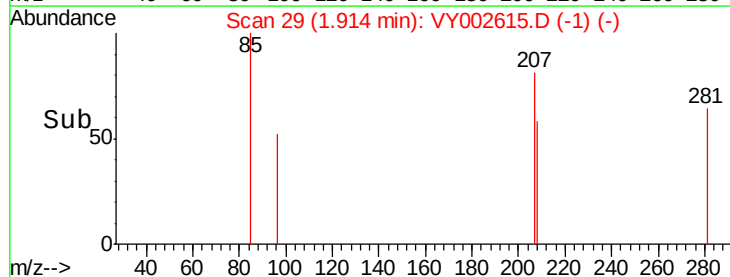
100

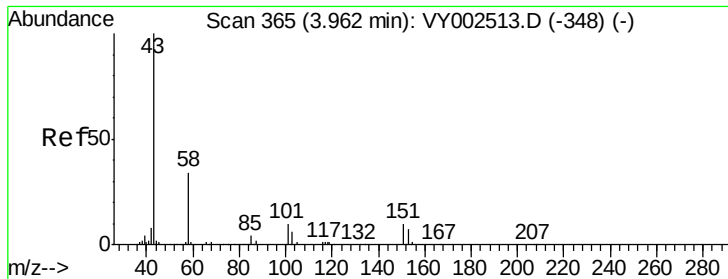
50

0

1.88 1.90 1.92 1.94

Time-->

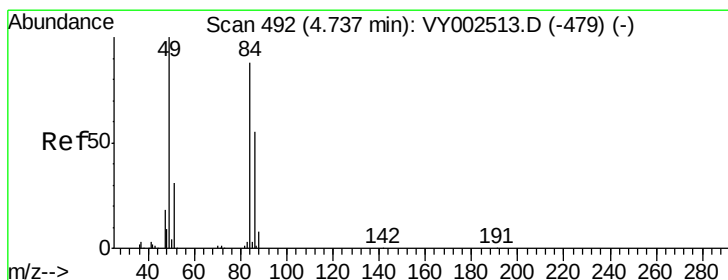
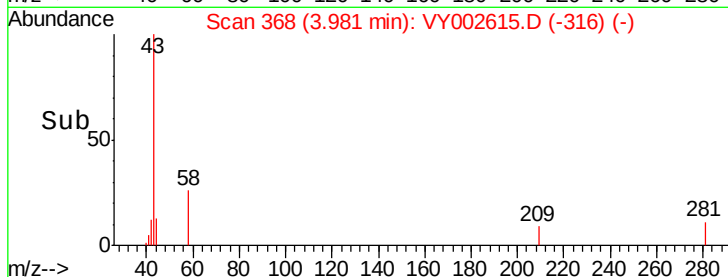
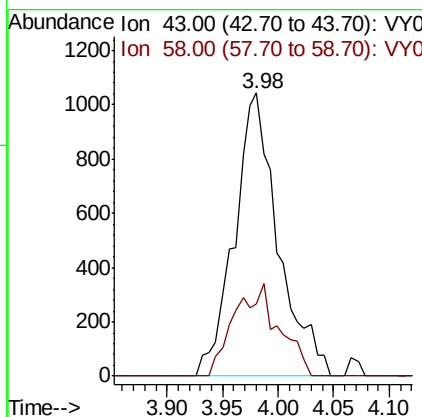
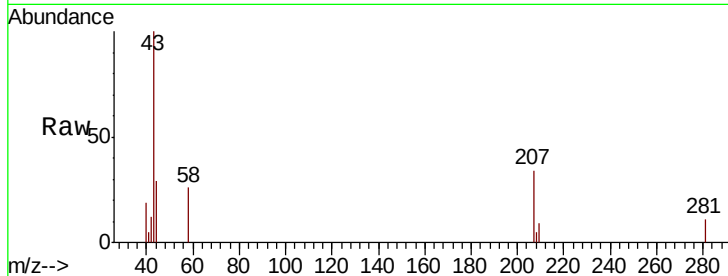




#16
Acetone
Concen: 6.032 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002615.D
Acq: 06 May 2020 15:02

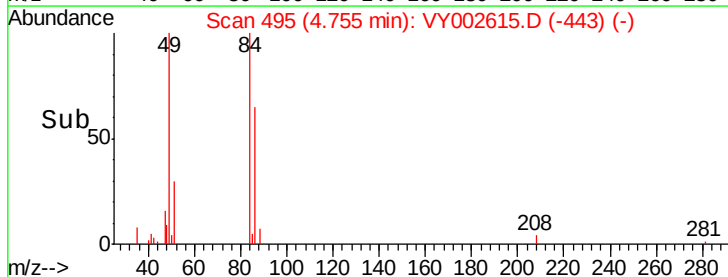
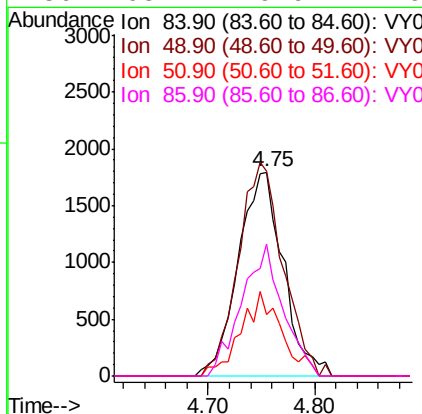
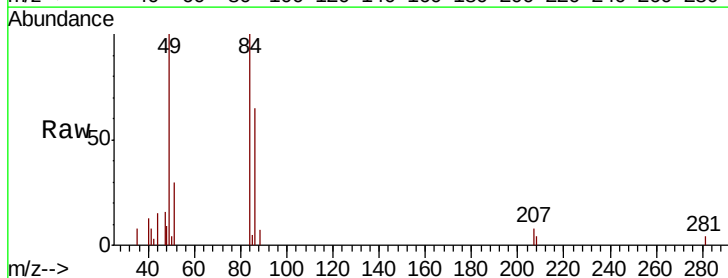
Instrument :
MSVOA_Y
ClientSampleId :

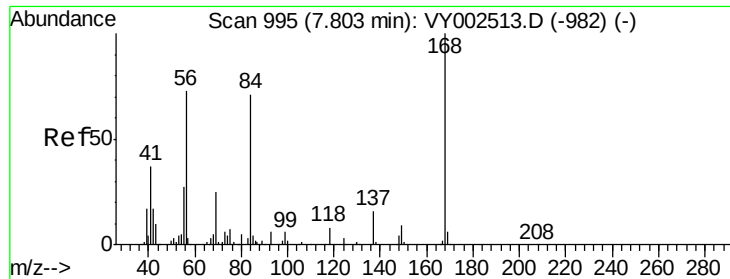
Tot Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
58 25.6 26.9 40.3#



#20
Methylene Chloride
Concen: 2.009 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002615.D
Acq: 06 May 2020 15:02

Tgt Ion: 84 Resp: 5324
Ion Ratio Lower Upper
84 100
49 100.4 90.5 135.7
51 30.5 28.3 42.5
86 65.1 49.9 74.9

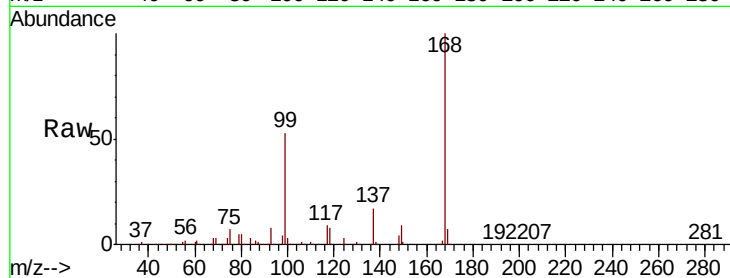




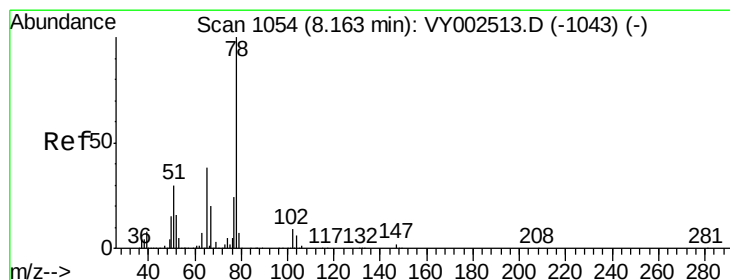
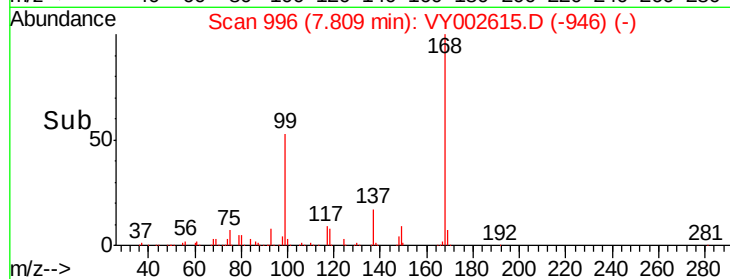
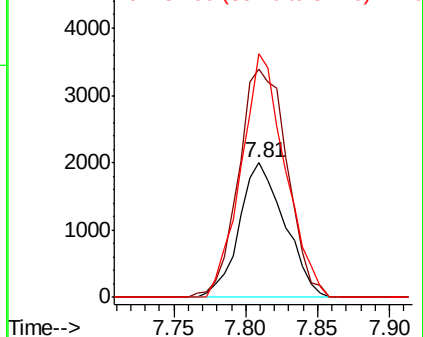
#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002615.D
Acq: 06 May 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 4379
Ion Ratio Lower Upper
56 100
69 169.9 27.6 41.4#
84 181.1 77.7 116.5#

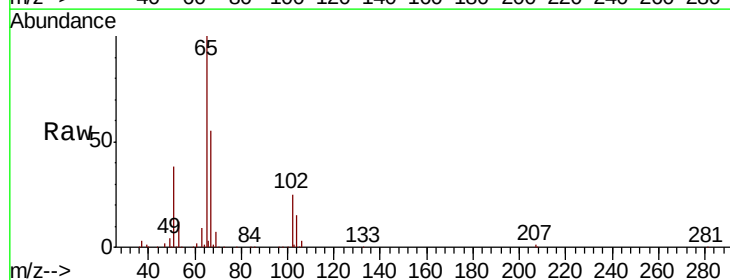


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

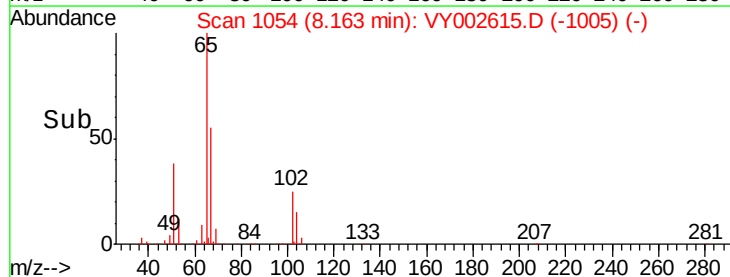
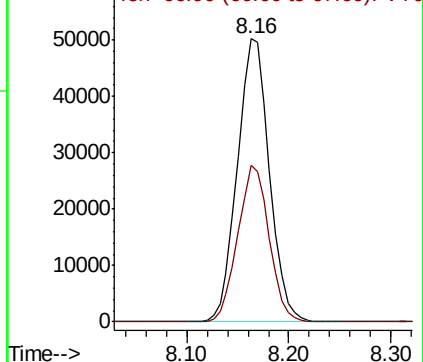


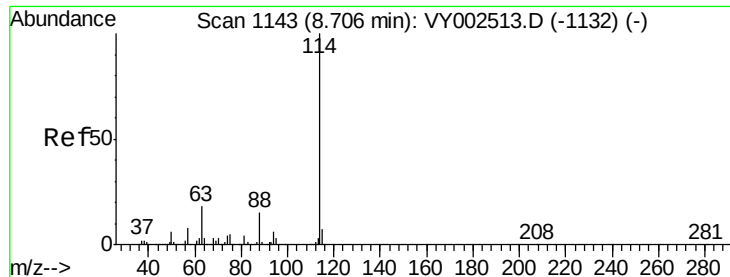
#33
1,2-Dichloroethane-d4
Concen: 47.595 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002615.D
Acq: 06 May 2020 15:02

Tgt Ion: 65 Resp: 109299
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2



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

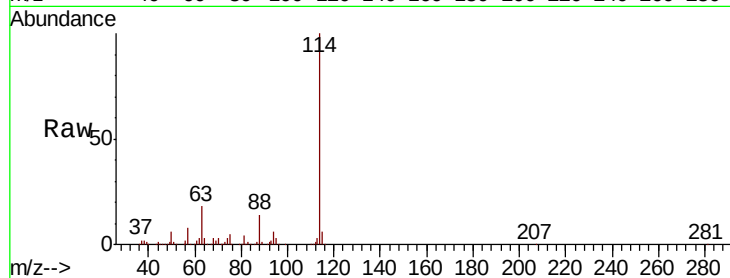




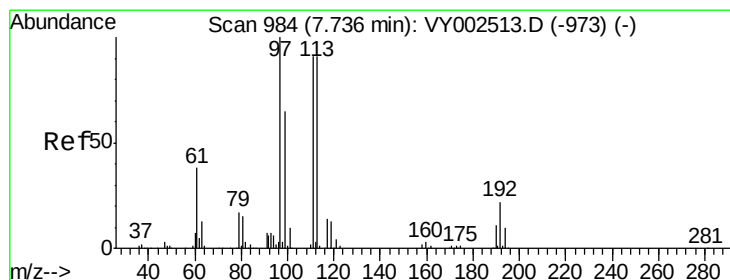
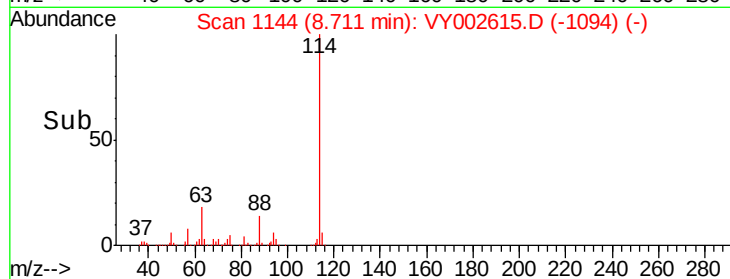
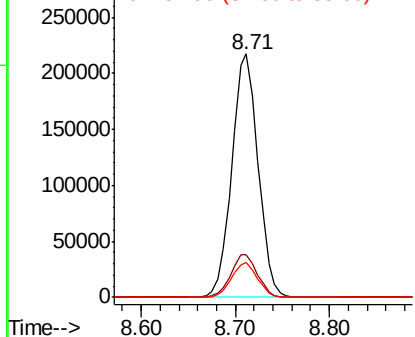
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002615.D
 Acq: 06 May 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:114 Resp: 418971
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 14.3 0.0 29.6

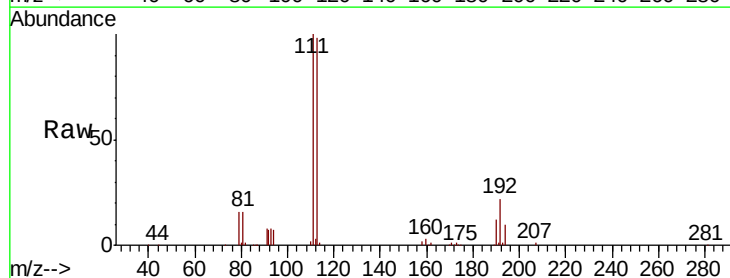


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

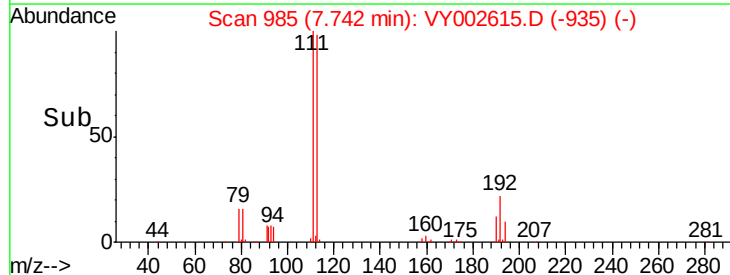
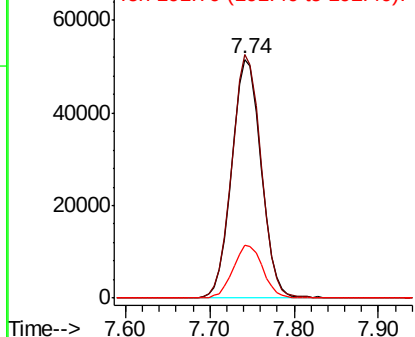


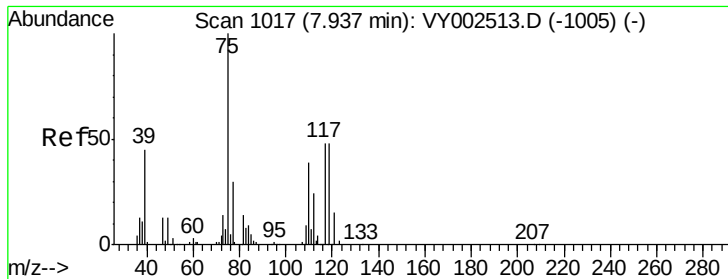
#35
 Dibromofluoromethane
 Concen: 50.790 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002615.D
 Acq: 06 May 2020 15:02

Tgt Ion:113 Resp: 121699
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.6
 192 22.2 18.2 27.4



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

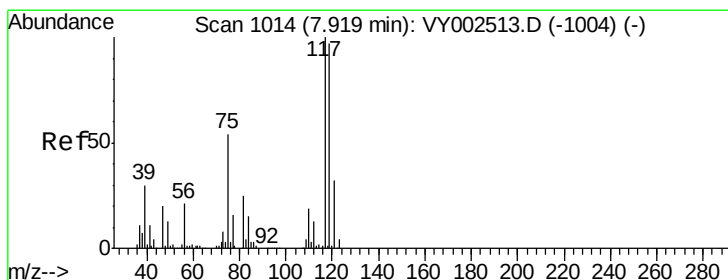
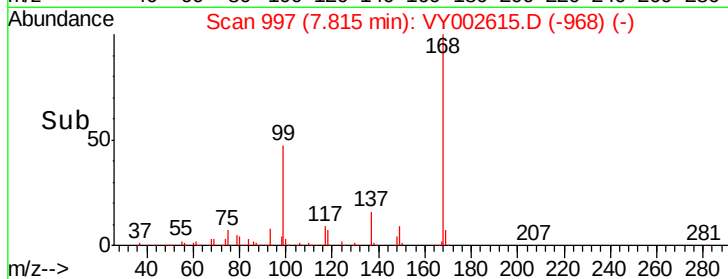
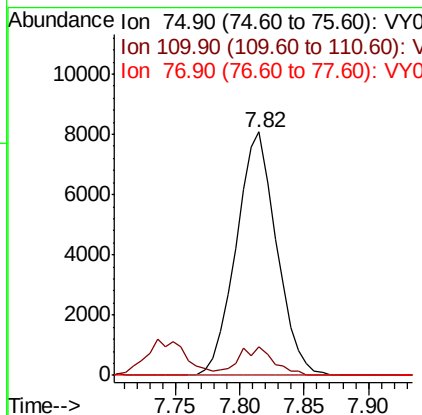
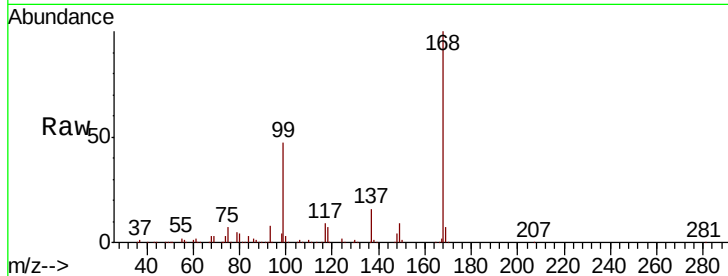




#36
 1,1-Dichloropropene
 Concen: 4.995 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002615.D
 Acq: 06 May 2020 15:02

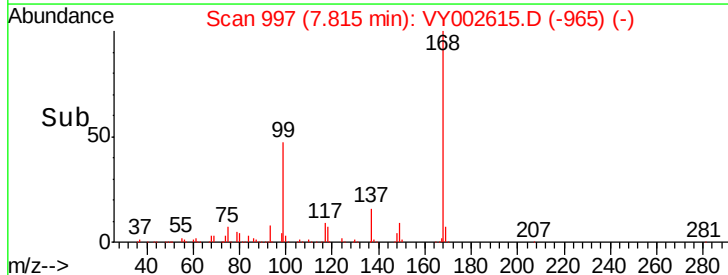
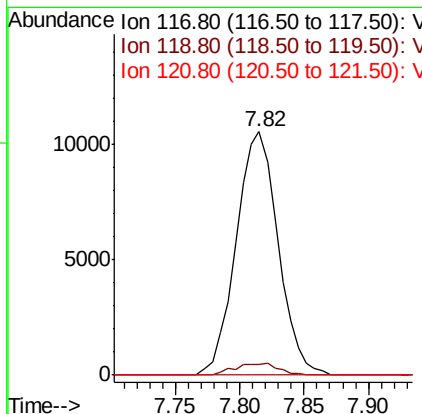
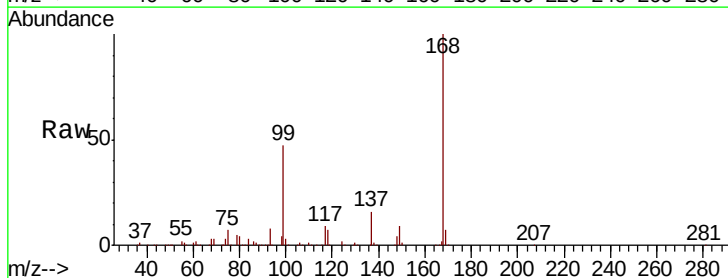
Instrument :
 MSVOA_Y
 ClientSampled :

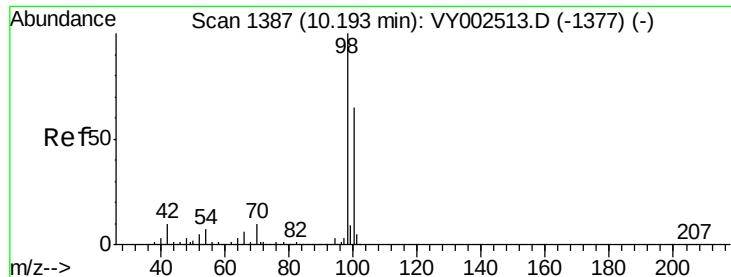
Tot Ion	75	110	77	Resp	Lower	Upper
75	100					
110	10.3	19.1				57.3#
77	0.0	24.6				37.0#



#38
 Carbon Tetrachloride
 Concen: 6.207 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002615.D
 Acq: 06 May 2020 15:02

Tgt Ion	117	119	121	Resp	Lower	Upper
117	100					
119	4.6	77.1				115.7#
121	0.0	25.2				37.8#





#50

Toluene-d8

Concen: 51.013 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002615.D

Acq: 06 May 2020 15:02

Instrument :

MSVOA_Y

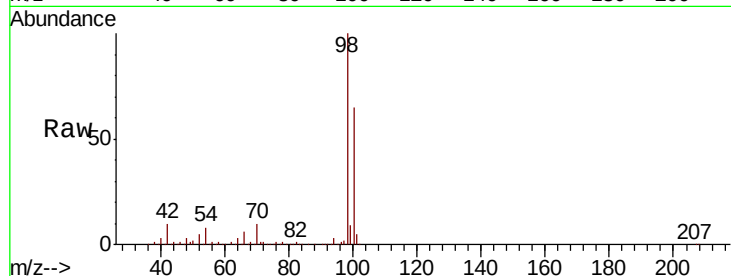
ClientSampleId :

Tot Ion: 98 Resp: 477336

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

300000

250000

200000

150000

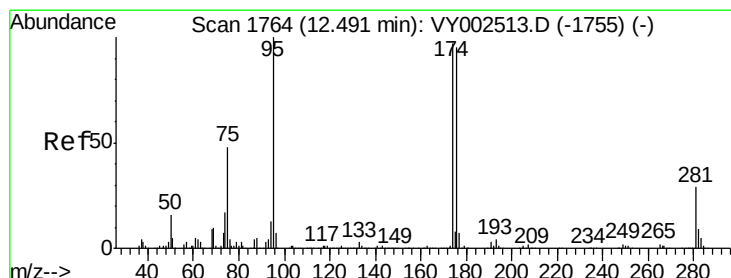
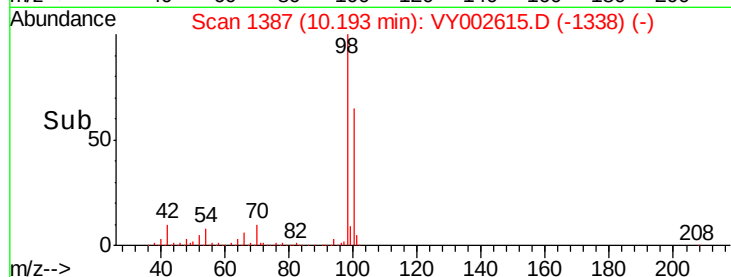
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 48.064 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002615.D

Acq: 06 May 2020 15:02

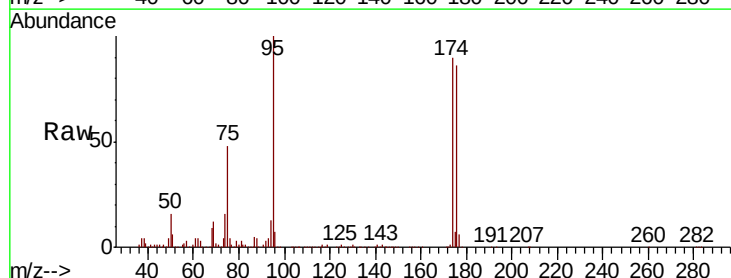
Tgt Ion: 95 Resp: 152608

Ion Ratio Lower Upper

95 100

174 92.1 0.0 188.8

176 89.7 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

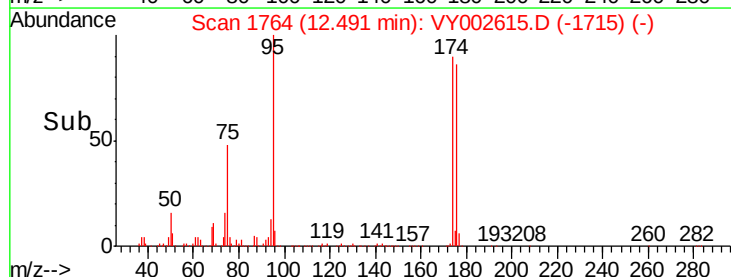
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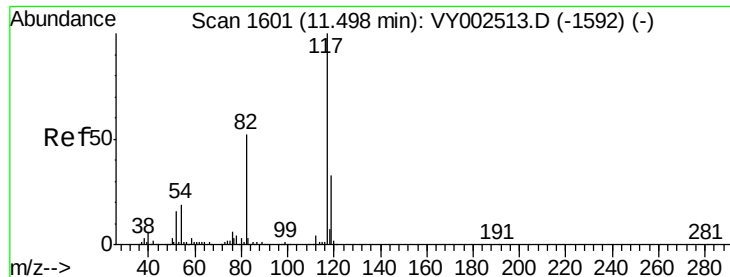
50000

0

12.45 12.50 12.55

Time-->

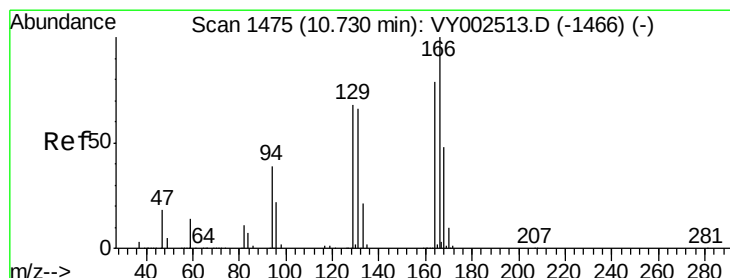
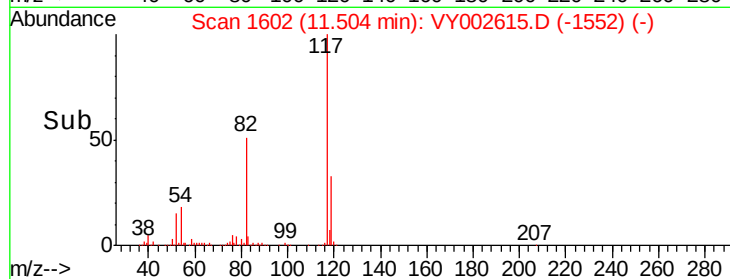
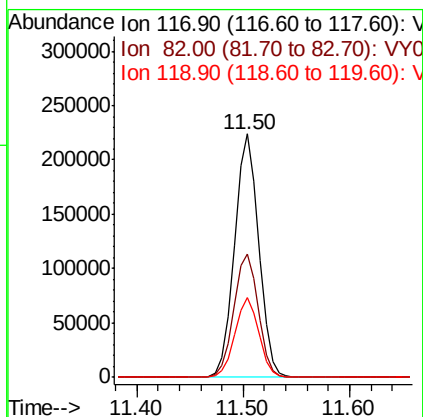
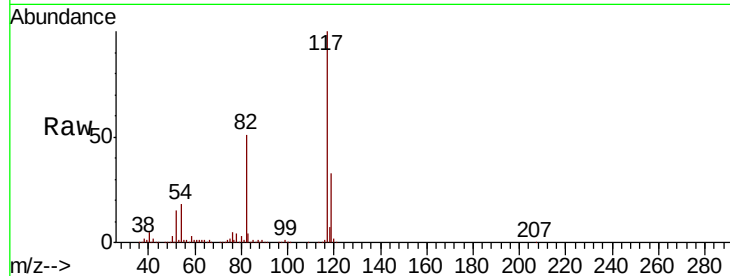




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002615.D
Acq: 06 May 2020 15:02

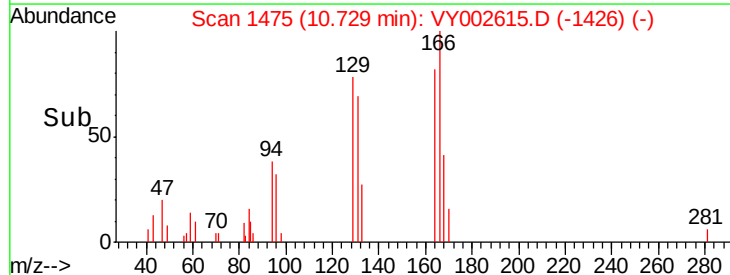
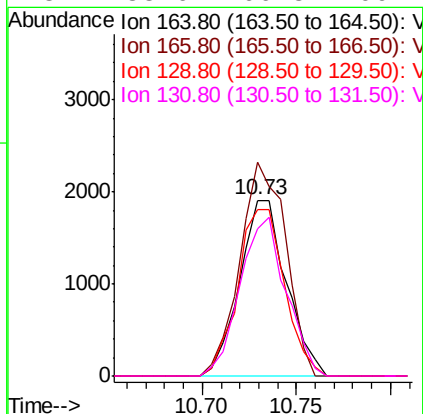
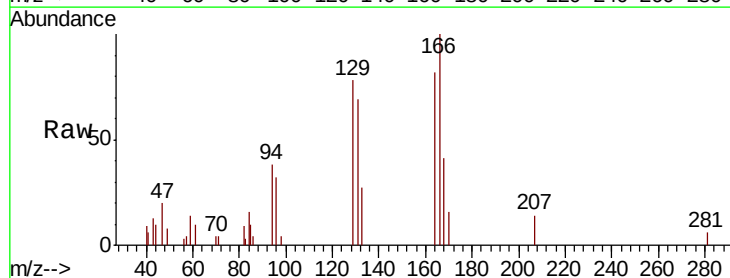
Instrument :
MSVOA_Y
ClientSampled :

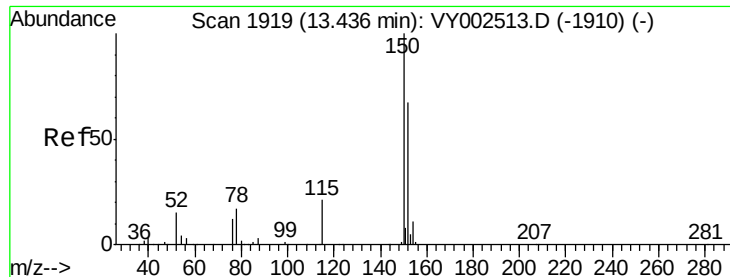
Tot Ion:117 Resp: 357464
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 1.035 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002615.D
Acq: 06 May 2020 15:02

Tgt Ion:164 Resp: 3286
Ion Ratio Lower Upper
164 100
166 121.6 100.7 151.1
129 94.9 68.3 102.5
131 83.6 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002615.D

Acq: 06 May 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

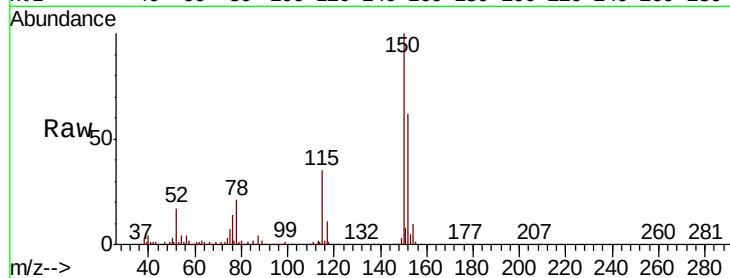
Tot Ion:152 Resp: 171581

Ion Ratio Lower Upper

152 100

115 53.8 27.5 82.4

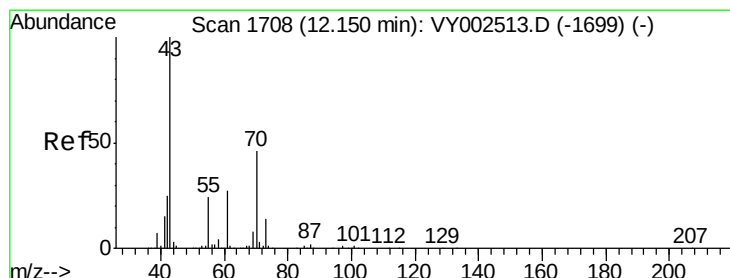
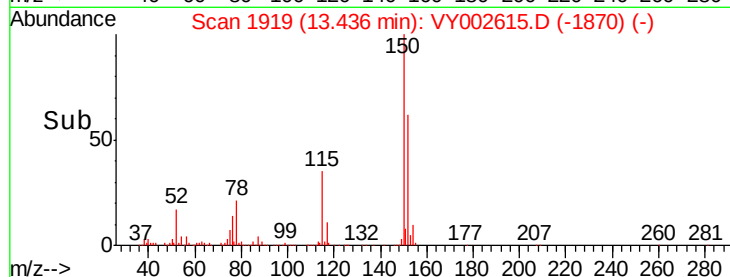
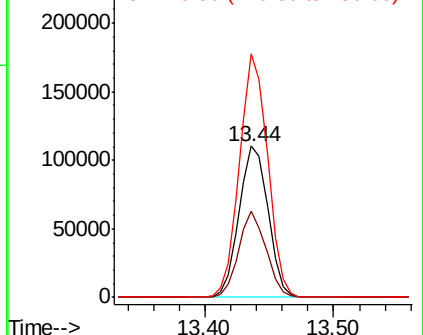
150 156.7 0.0 346.4



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



#74

N-amil acetate

Concen: 3.945 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.02 min

Lab File: VY002615.D

Acq: 06 May 2020 15:02

Tgt Ion: 43 Resp: 10552

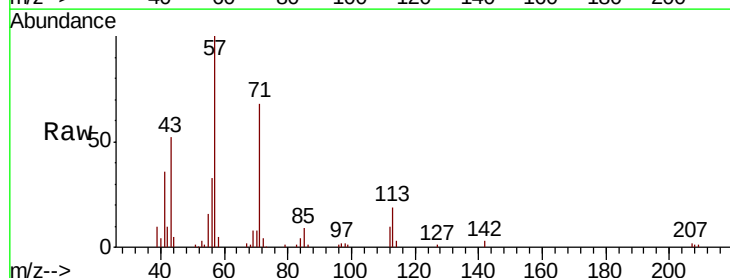
Ion Ratio Lower Upper

43 100

70 24.3 36.7 55.1#

55 16.4 19.2 28.8#

61 0.0 21.1 31.7#

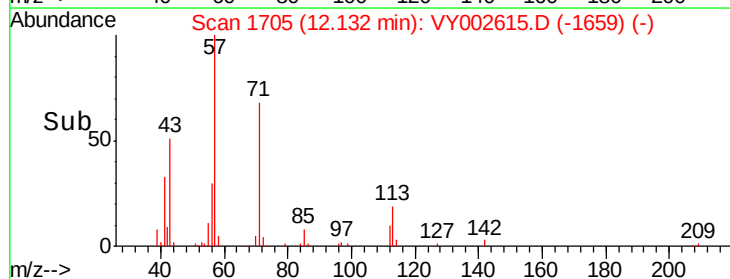
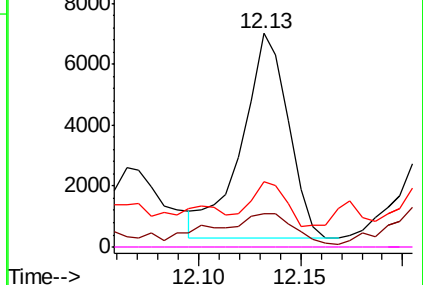


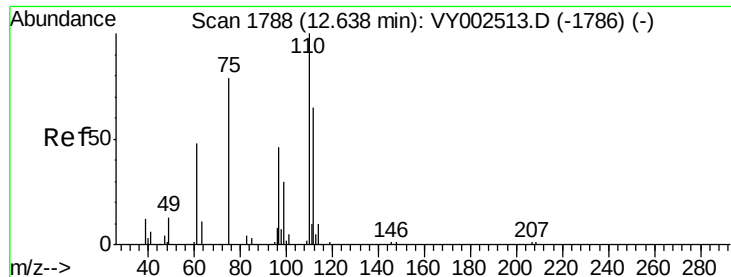
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

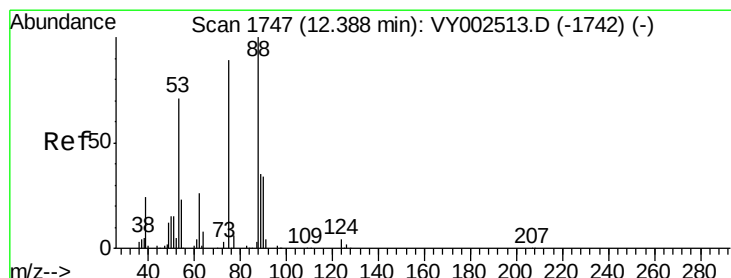
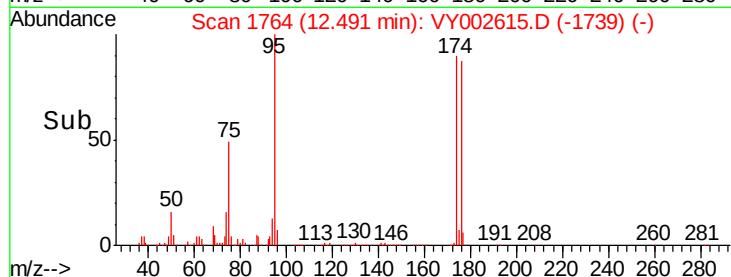
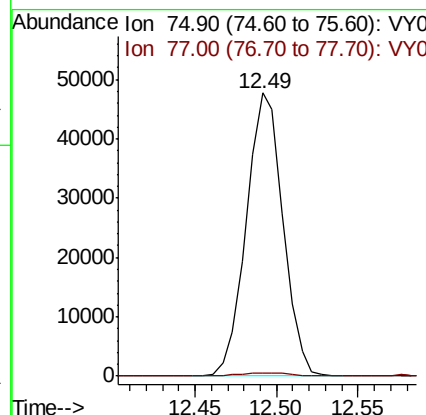
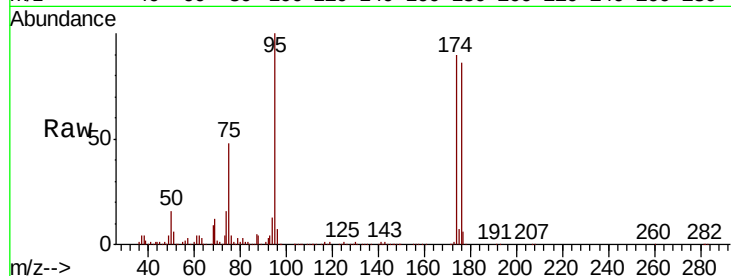




#76
 1,2,3-Trichloropropane
 Concen: 49.054 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002615.D
 Acq: 06 May 2020 15:02

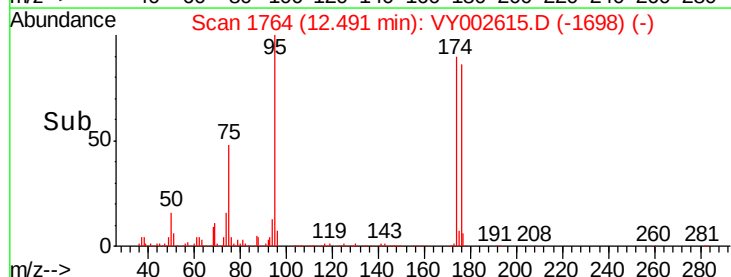
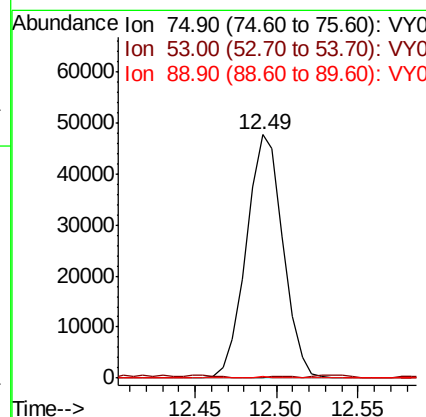
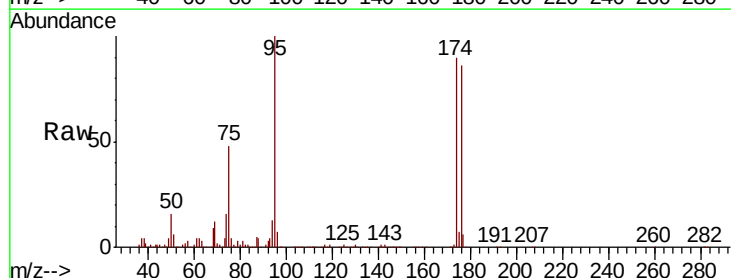
Instrument :
 MSVOA_Y
 ClientSampled :

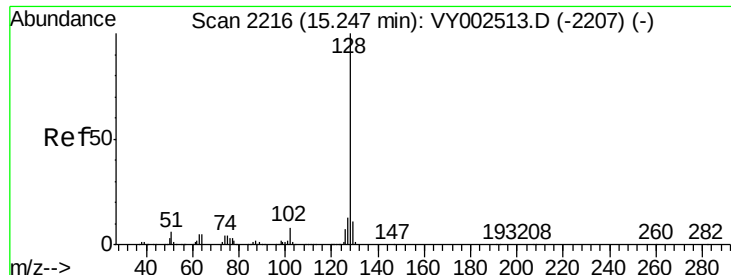
Tot Ion: 75 Resp: 74797
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.363 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002615.D
 Acq: 06 May 2020 15:02

Tgt Ion: 75 Resp: 74797
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.0#
 89 0.2 37.4 56.0#





#95

Naphthalene

Concen: 1.301 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002615.D

Acq: 06 May 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

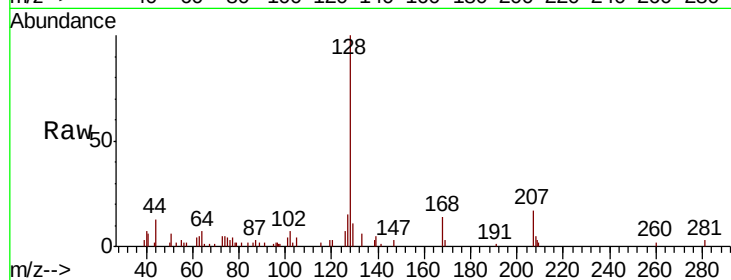
Tot Ion:128 Resp: 8087

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 12.3 8.8 13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

