

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002064.D
 Acq On : 25 Mar 2020 14:16
 Operator : SY/MD
 Sample : L1754-01RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:34:58 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	7.82	168	145705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	283666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	97483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	93869	60.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.70%	
35) Dibromofluoromethane	7.75	113	84273	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
50) Toluene-d8	10.20	98	341319	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.50	95	109290	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.67	94	48	Below Cal	#	74
11) Tert butyl alcohol	5.03	59	22	Below Cal	#	74
16) Acetone	3.99	43	1319	2.911	ug/l	93
20) Methylene Chloride	4.75	84	5295	2.727	ug/l	94
36) 1,1-Dichloropropene	7.82	75	12436	4.556	ug/l #	50
38) Carbon Tetrachloride	7.82	117	14966	6.418	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	55610	48.076	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	55610	97.112	ug/l #	17

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Instrument :

MSVOA_Y

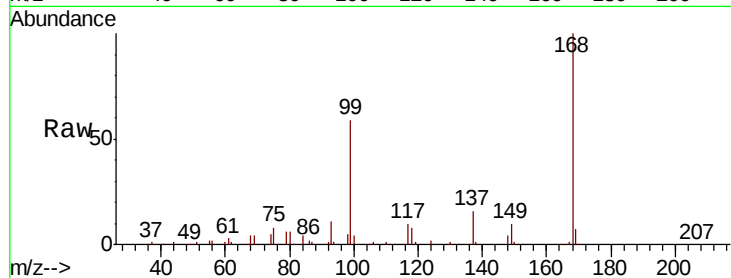
ClientSampleId :

Tot Ion:168 Resp: 145705

Ion Ratio Lower Upper

168 100

99 58.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

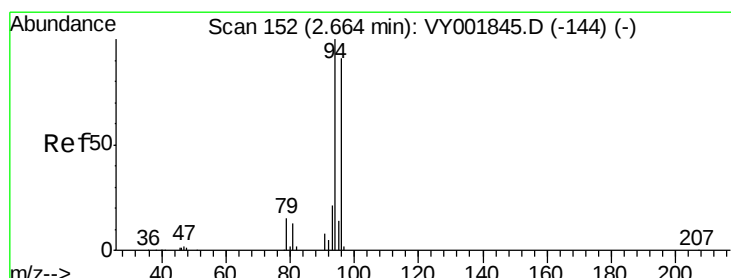
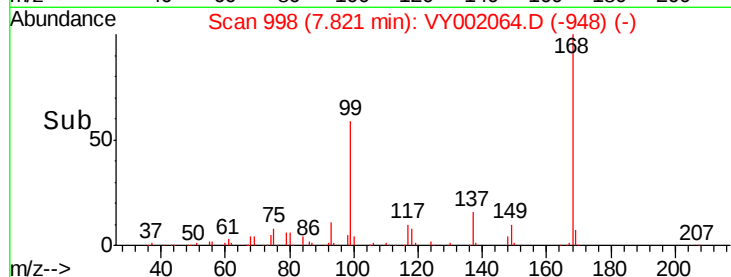
40000

20000

0

7.70 7.80 7.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002064.D

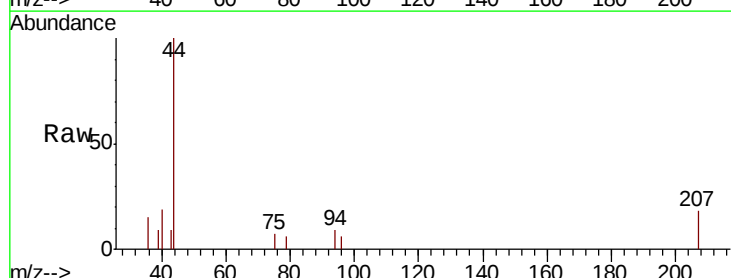
Acq: 25 Mar 2020 14:16

Tgt Ion: 94 Resp: 48

Ion Ratio Lower Upper

94 100

96 67.1 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

200

150

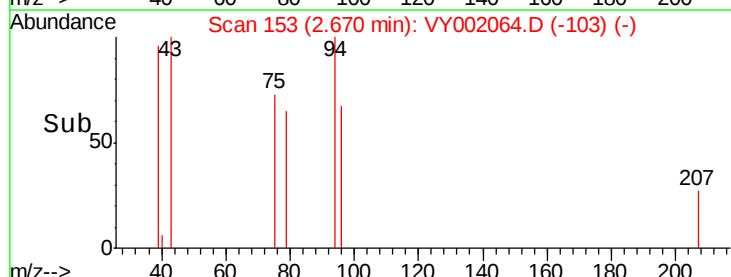
100

50

0

2.66 2.68

Time-->



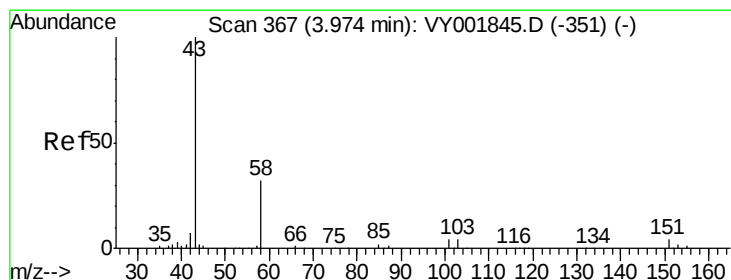
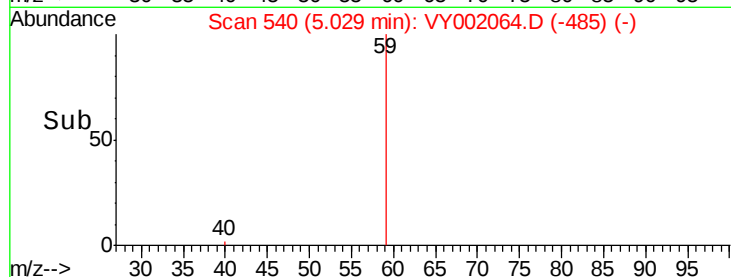
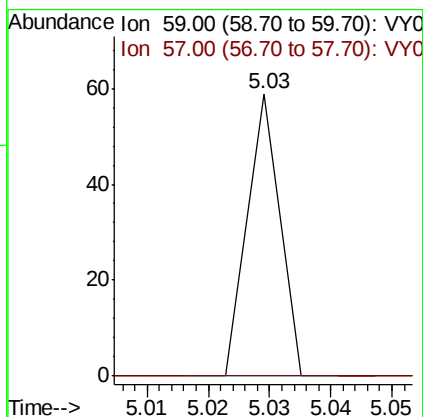
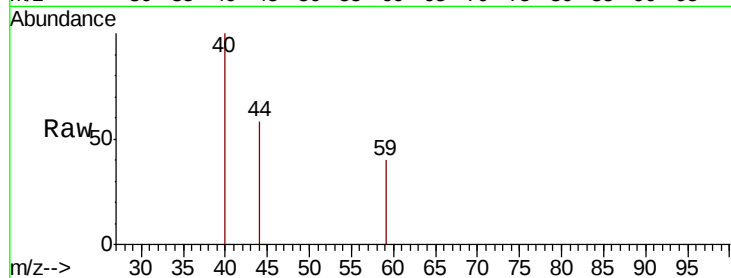


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.03 min Scan# 540
 Delta R.T. 0.04 min
 Lab File: VY002064.D
 Acq: 25 Mar 2020 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :

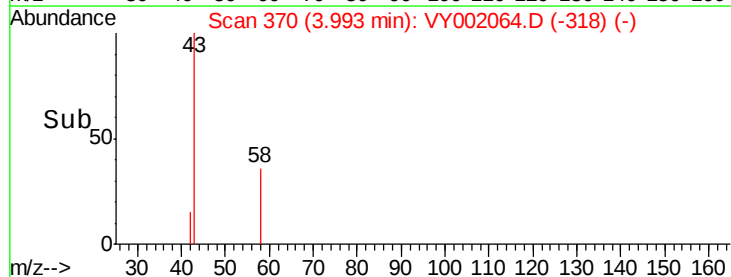
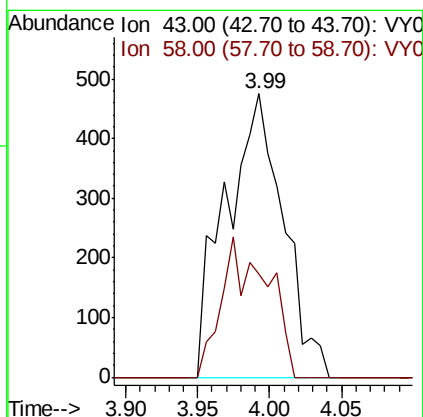
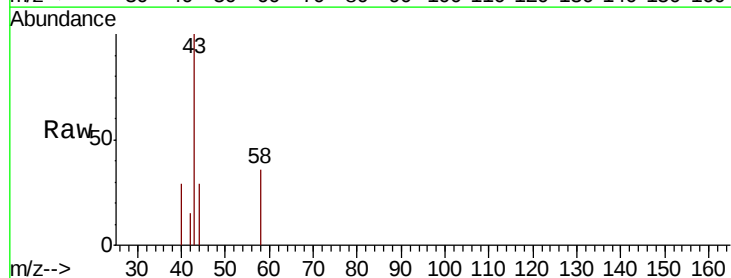
Tot Ion: 59 Resp: 22
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

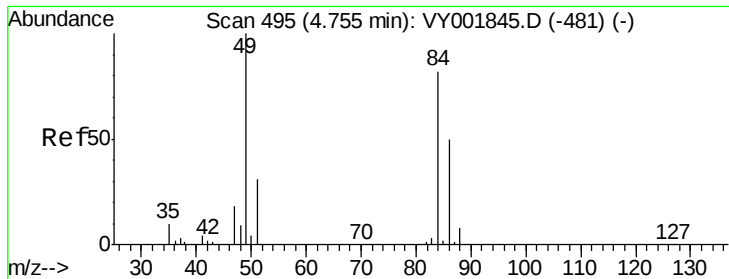


#16

Acetone
 Concen: 2.911 ug/l
 RT: 3.99 min Scan# 370
 Delta R.T. 0.02 min
 Lab File: VY002064.D
 Acq: 25 Mar 2020 14:16

Tgt Ion: 43 Resp: 1319
 Ion Ratio Lower Upper
 43 100
 58 36.4 25.9 38.9

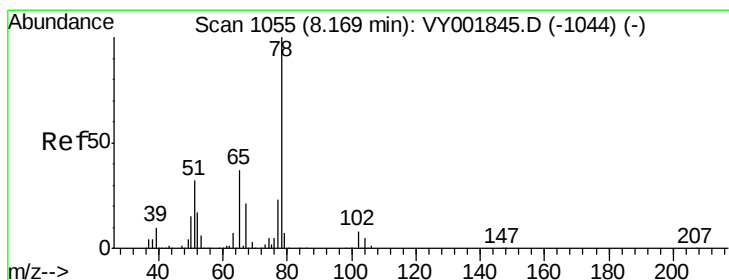
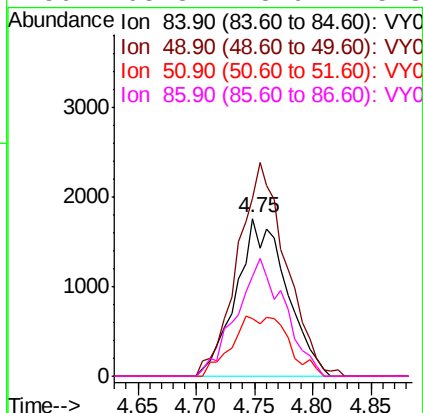
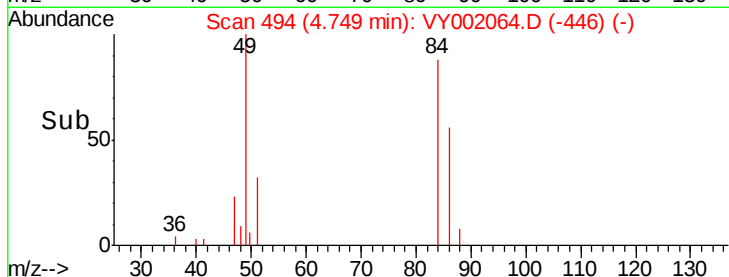
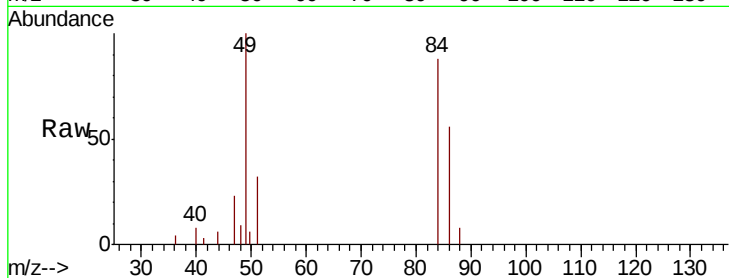




#20
Methvlene Chloride
Concen: 2.727 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002064.D
Acq: 25 Mar 2020 14:16

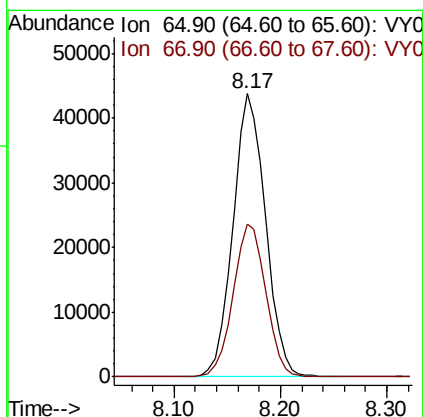
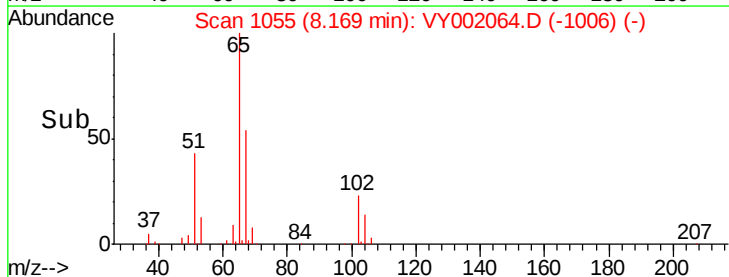
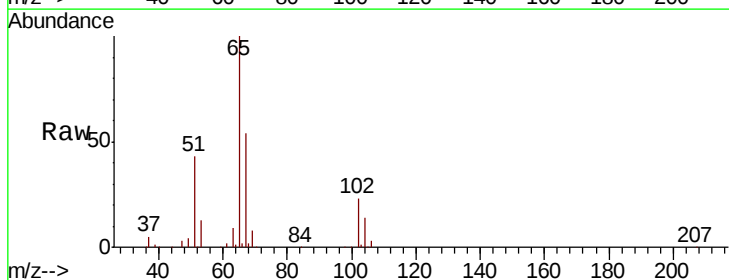
Instrument :
MSVOA_Y
ClientSampleId :

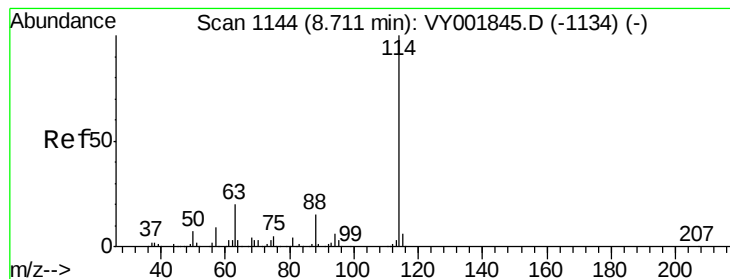
Tot Ion: 84 Resp: 5295
Ion Ratio Lower Upper
84 100
49 113.2 98.2 147.2
51 36.5 30.2 45.2
86 63.3 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 60.347 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002064.D
Acq: 25 Mar 2020 14:16

Tgt Ion: 65 Resp: 93869
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

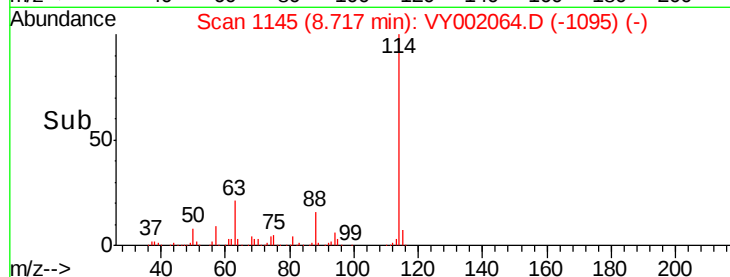
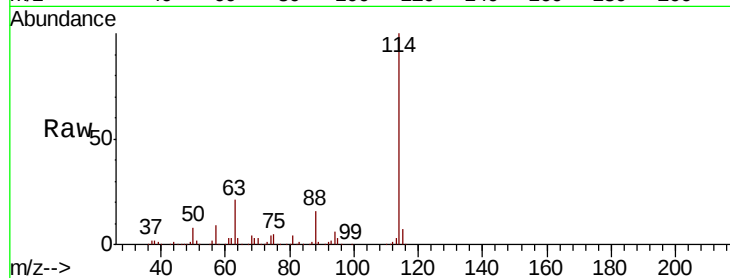
Tot Ion:114 Resp: 283666

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

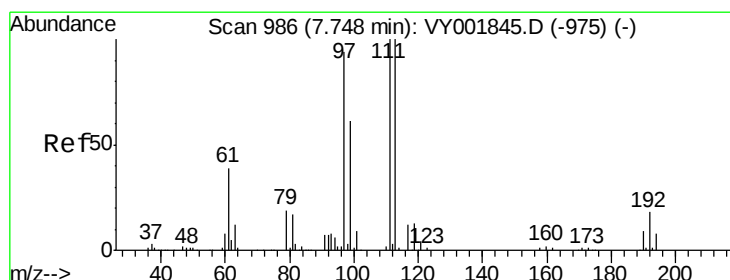
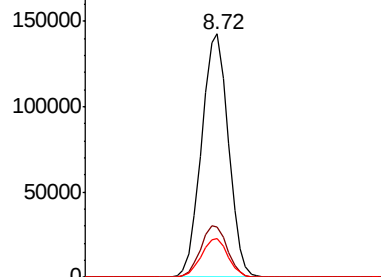
88 16.2 0.0 30.4



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: 54.407 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

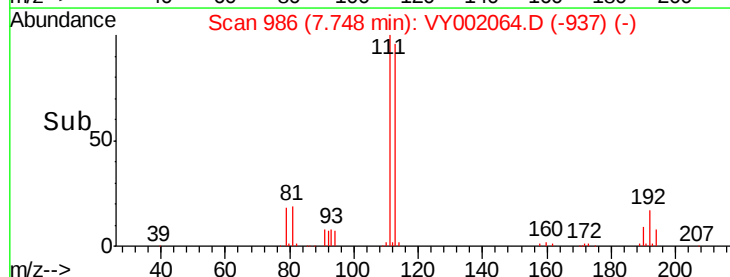
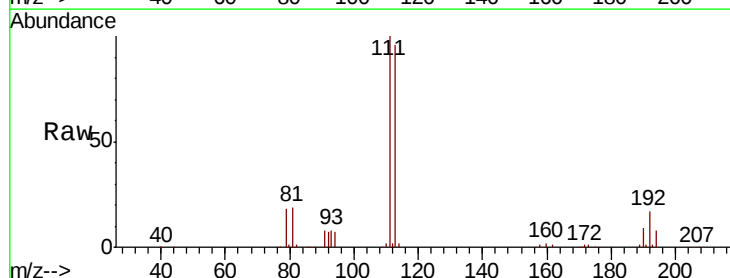
Tgt Ion:113 Resp: 84273

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

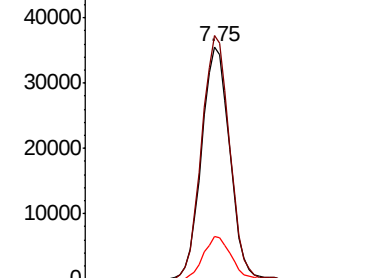
192 17.7 14.2 21.2

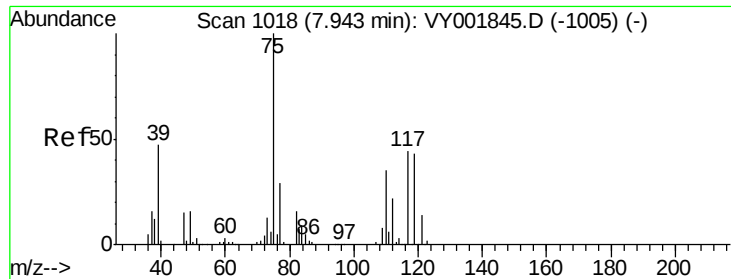


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

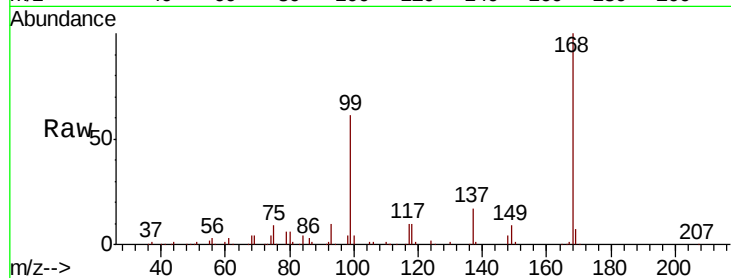




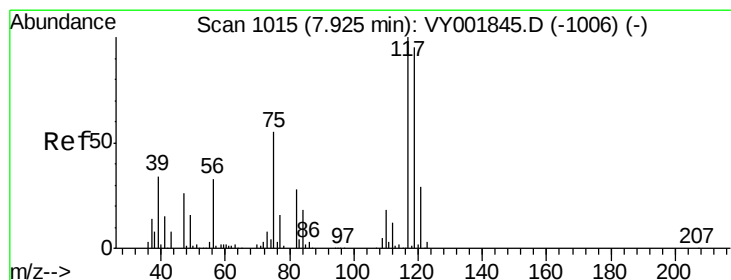
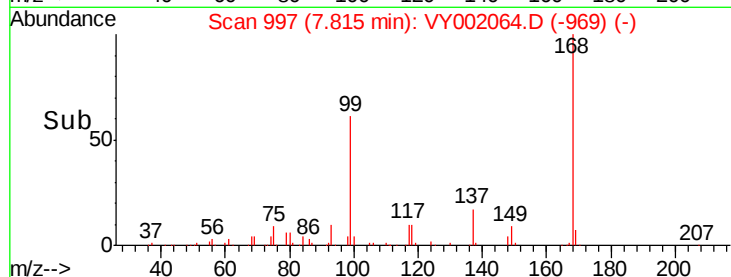
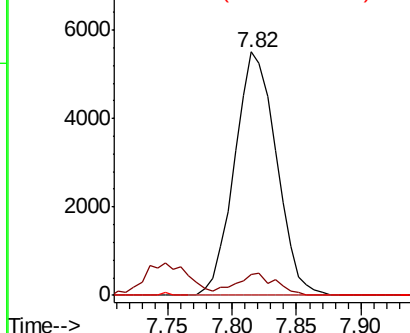
#36
 1,1-Dichloropropene
 Concen: 4.556 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY002064.D
 Acq: 25 Mar 2020 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.4	52.2#
77	0.0	24.2	36.2#

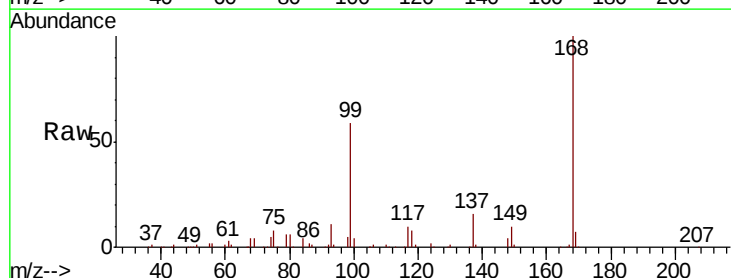


Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1005) (-)
 Ion 109.90 (109.60 to 110.60): VY001845.D (-1005) (-)
 Ion 76.90 (76.60 to 77.60): VY001845.D (-1005) (-)

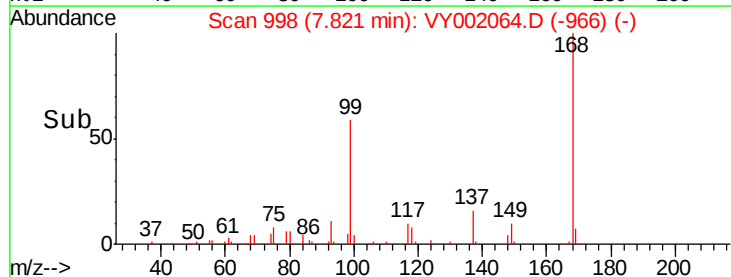
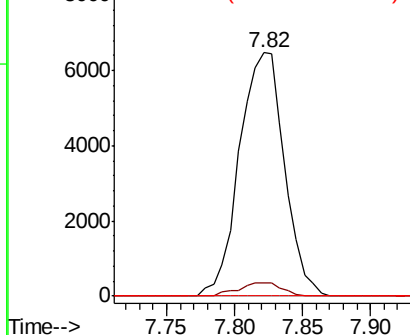


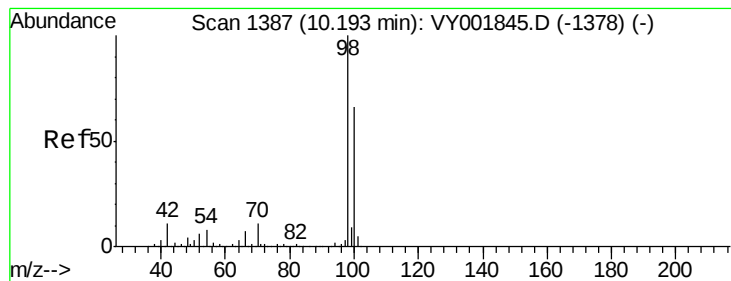
#38
 Carbon Tetrachloride
 Concen: 6.418 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY002064.D
 Acq: 25 Mar 2020 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.3	114.5#
121	0.0	23.5	35.3#



Abundance Ion 116.80 (116.50 to 117.50): VY001845.D (-1006) (-)
 Ion 118.80 (118.50 to 119.50): VY001845.D (-1006) (-)
 Ion 120.80 (120.50 to 121.50): VY001845.D (-1006) (-)





#50

Toluene-d8

Concen: 52.256 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Instrument :

MSVOA_Y

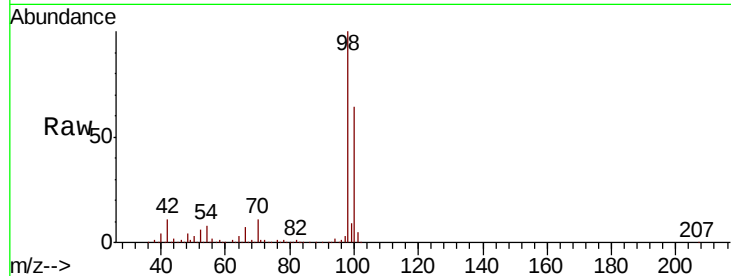
ClientSampled :

Tot Ion: 98 Resp: 341319

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.20

200000

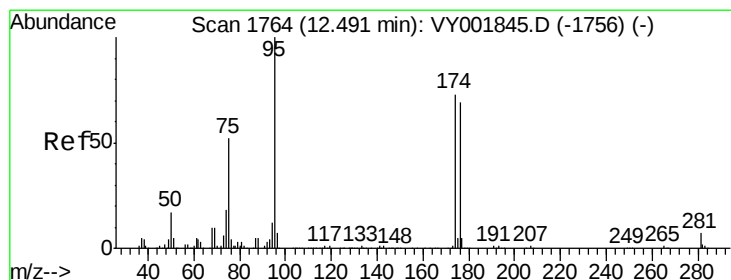
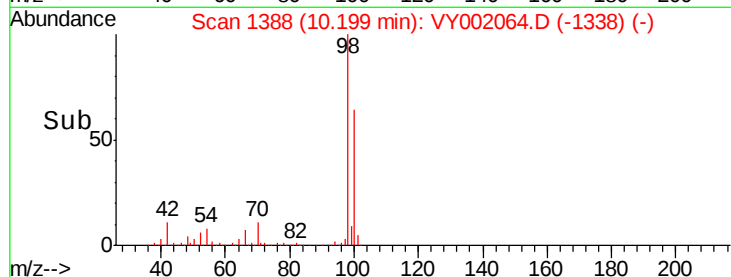
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.121 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

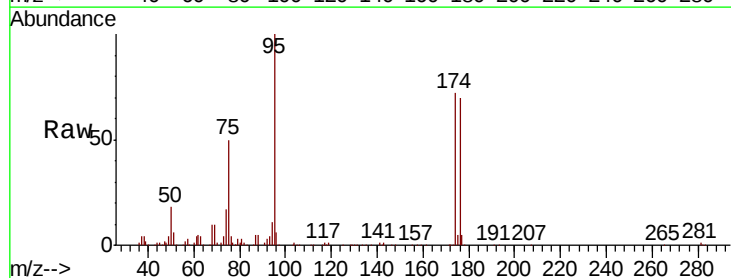
Tgt Ion: 95 Resp: 109290

Ion Ratio Lower Upper

95 100

174 72.3 0.0 145.0

176 69.8 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.50

100000

80000

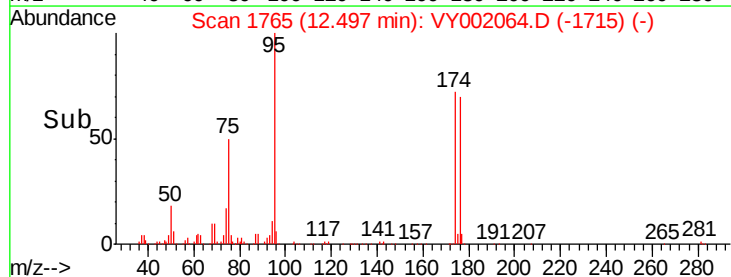
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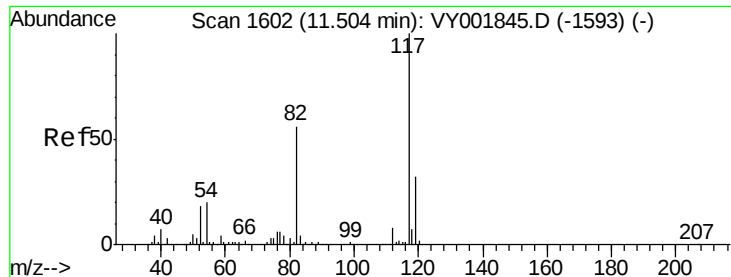
40000

20000

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Time-->

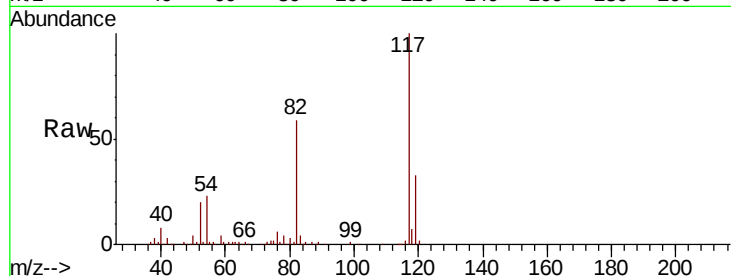




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002064.D
Acq: 25 Mar 2020 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.5	66.7
119	32.5	25.7	38.5

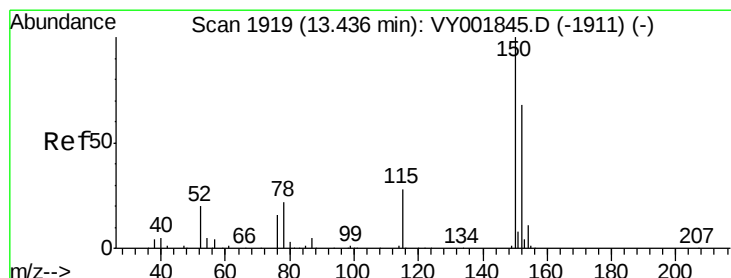
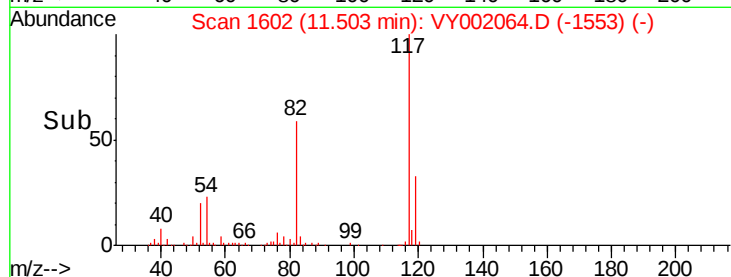
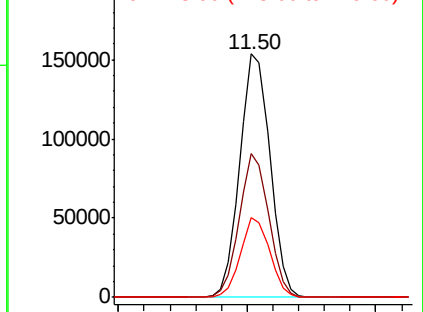


Abundance

Ion 116.90 (116.60 to 117.60): V

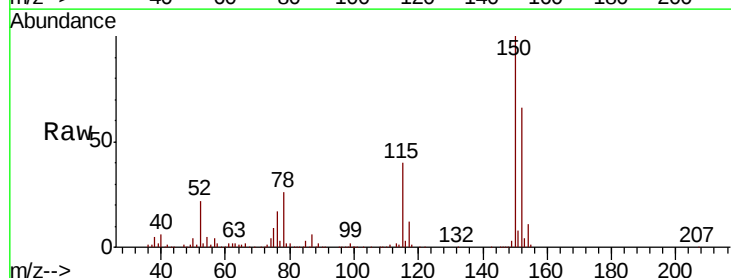
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002064.D
Acq: 25 Mar 2020 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.9	89.7
150	155.1	0.0	340.6

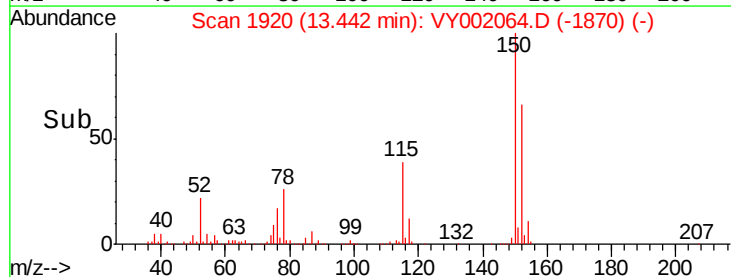
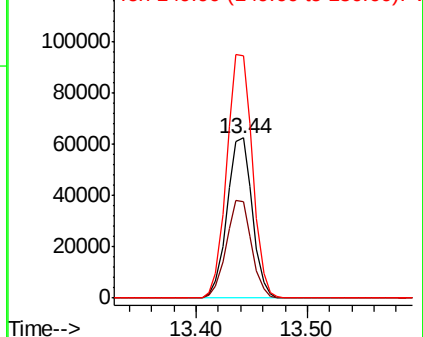


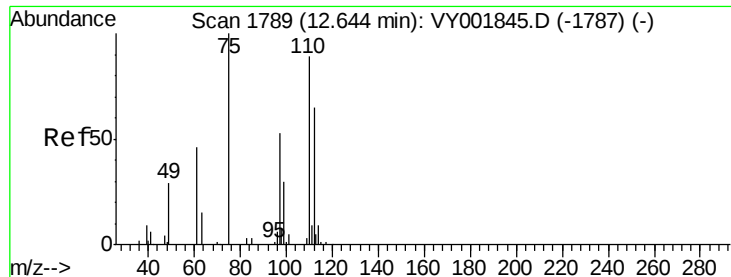
Abundance

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: 48.076 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.15 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Instrument :

MSVOA_Y

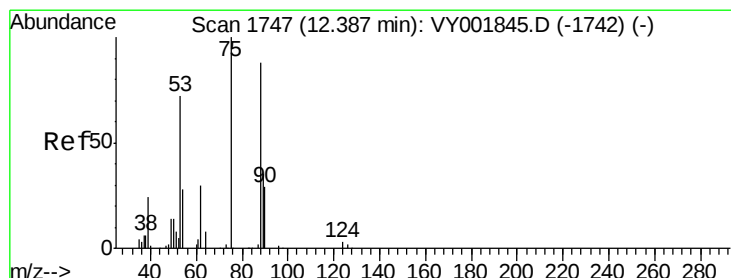
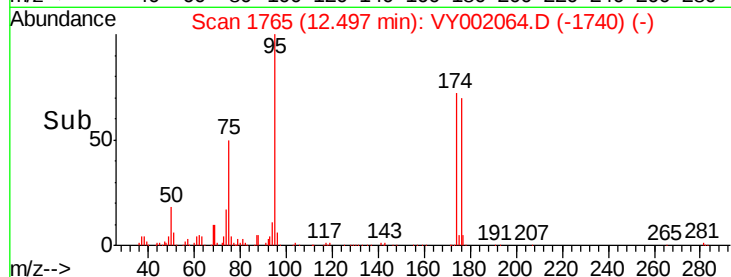
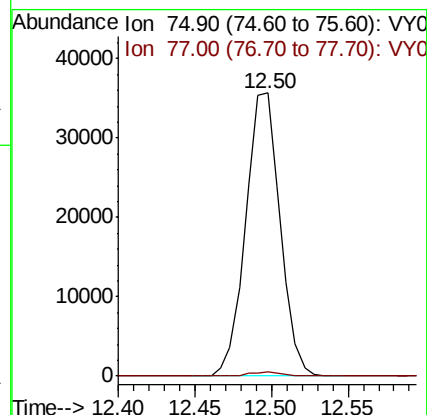
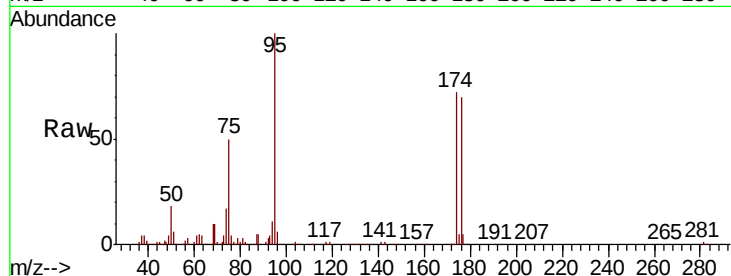
ClientSampleId :

Tot Ion: 75 Resp: 55610

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.112 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Tgt Ion: 75 Resp: 55610

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#

