

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001284.D
 Acq On : 17 Jan 2020 22:22
 Operator : SY/MD
 Sample : L1008-08
 Misc : 5.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-011620

Quant Time: Jan 18 03:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	191353	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	345115	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	315701	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	151400	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	110098	54.48	ug/l	0.03
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.75	113	102968	50.96	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.21	98	409802	52.63	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.50	95	151286	47.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.06%	

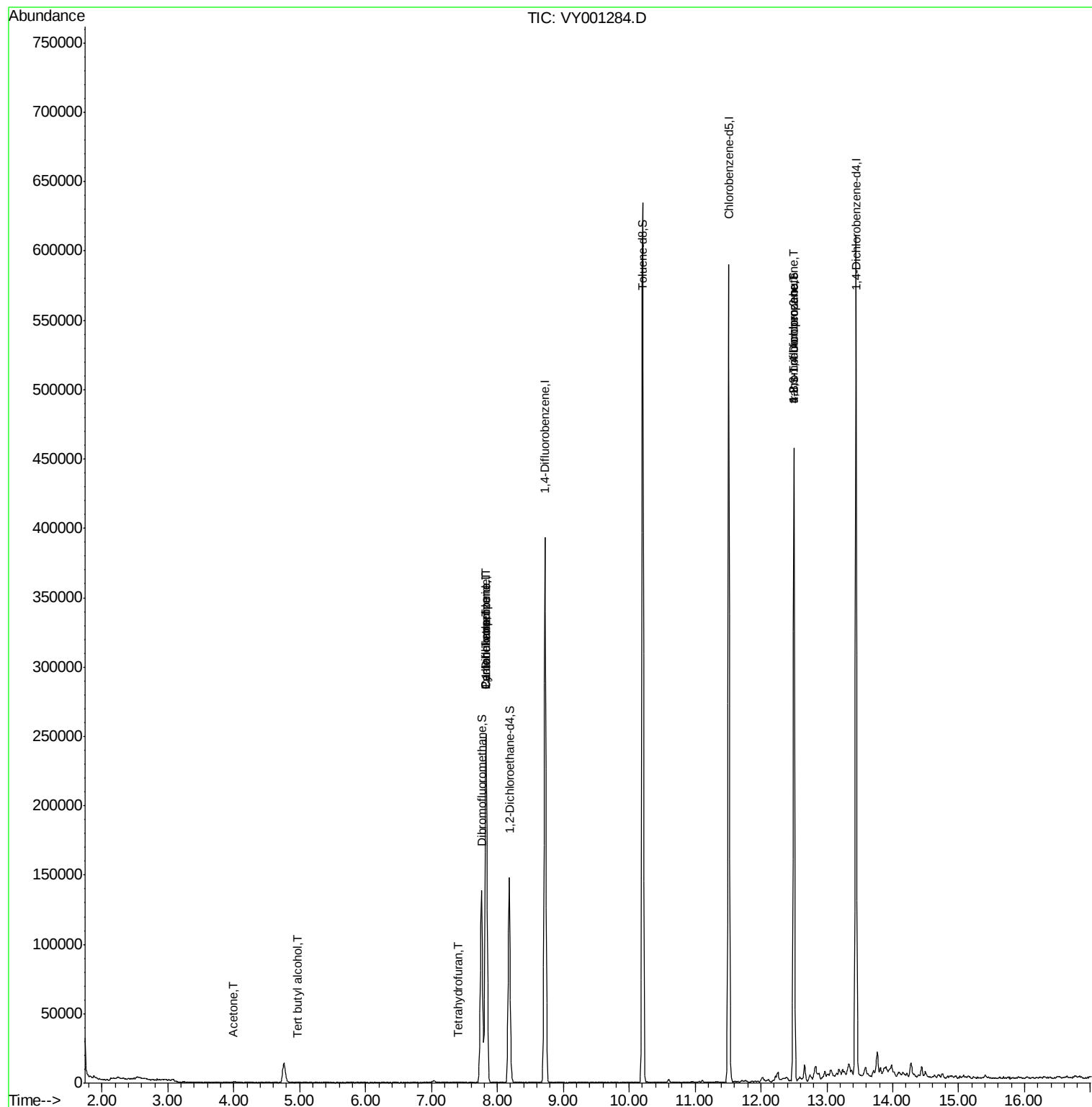
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	273	1.34	ug/l #	73
16) Acetone	3.99	43	693	1.48	ug/l #	88
20) Methylene Chloride	4.76	84	10687	Below	Cal	96
29) Tetrahydrofuran	7.40	42	576	1.15	ug/l #	75
31) Cyclohexane	7.82	56	3918	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	14531	4.62	ug/l #	48
38) Carbon Tetrachloride	7.83	117	18409	6.39	ug/l #	15
76) 1,2,3-Trichloropropane	12.50	75	75796	46.77	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	75796	79.30	ug/l #	6

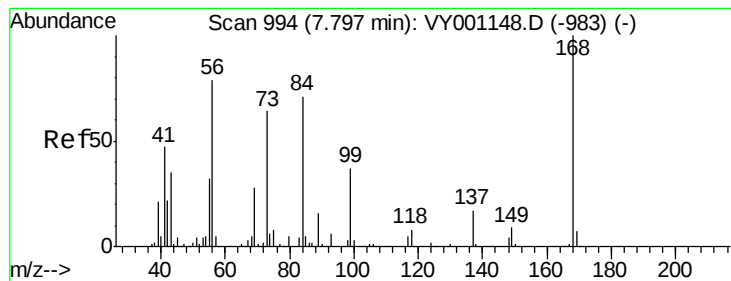
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

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MSVOA_Y

ClientSampleId :

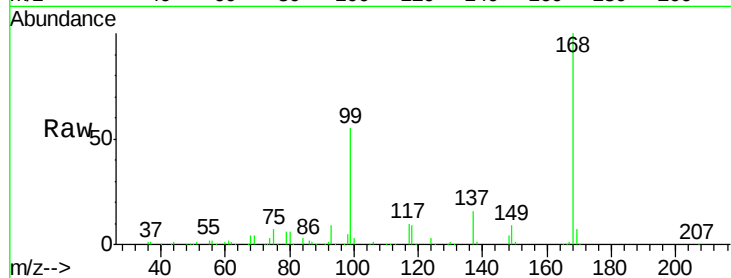
CL-01-011620

Tgt Ion:168 Resp: 191353

Ion Ratio Lower Upper

168 100

99 55.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.83

80000

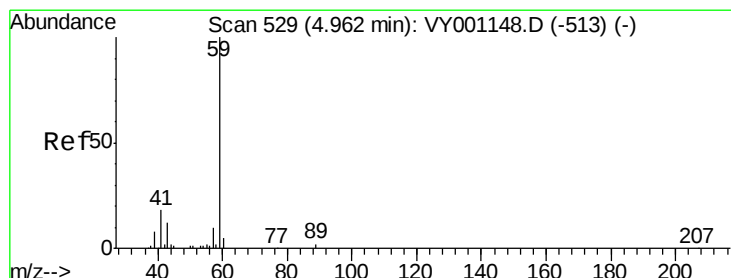
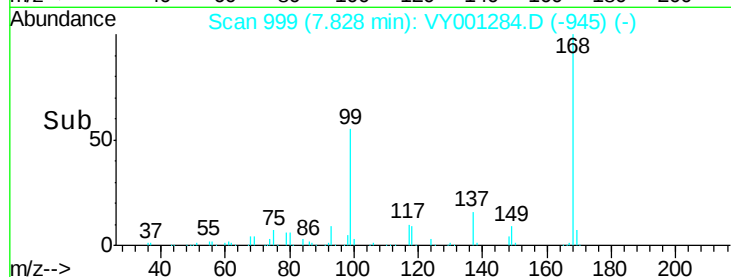
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.34 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY001284.D

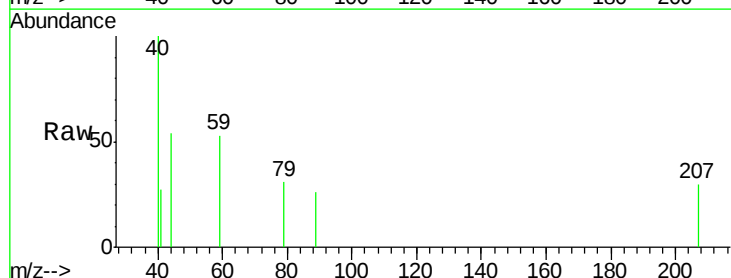
Acq: 17 Jan 2020 22:22

Tgt Ion: 59 Resp: 273

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

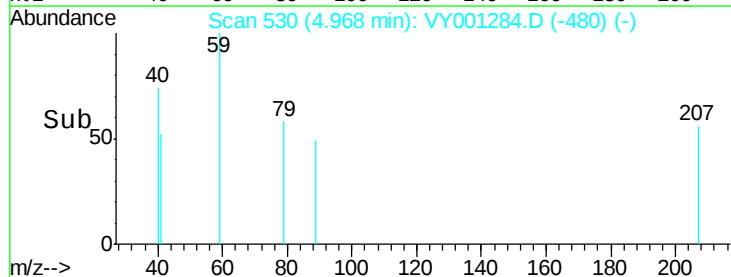
4.97

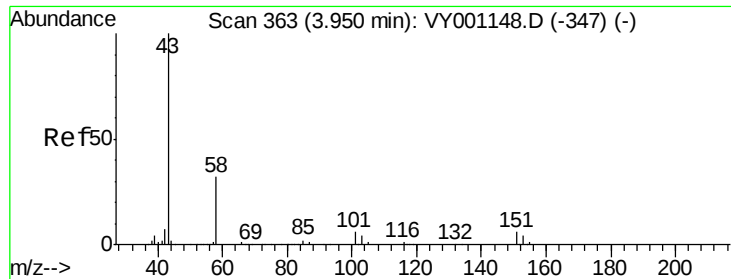
100

50

0

Time-->





#16

Acetone

Concen: 1.48 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.04 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

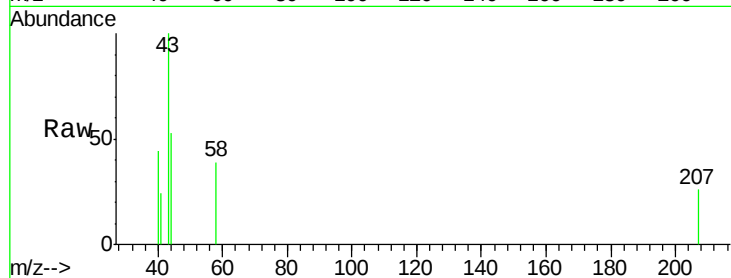
CL-01-011620

Tgt Ion: 43 Resp: 693

Ion Ratio Lower Upper

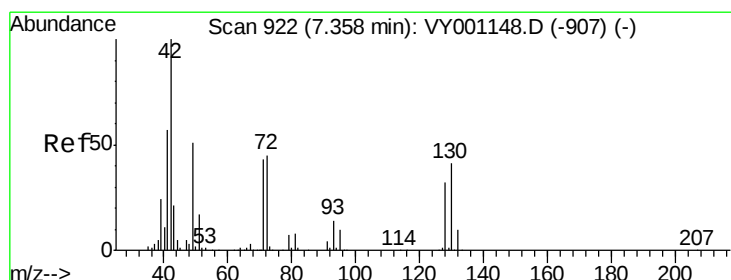
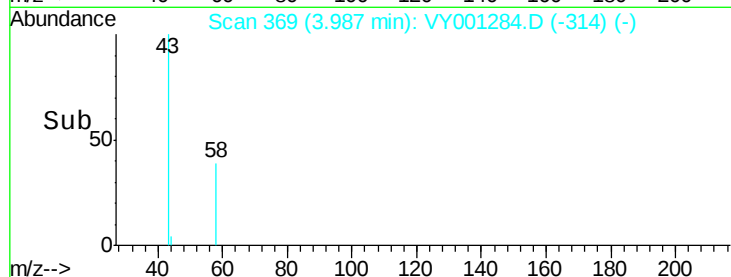
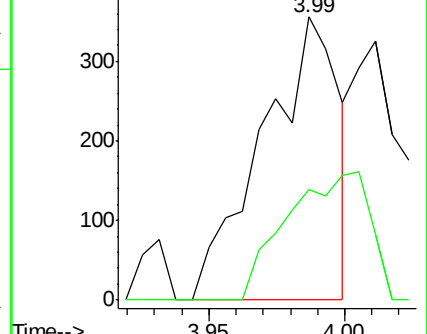
43 100

58 39.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#29

Tetrahydrofuran

Concen: 1.15 ug/l

RT: 7.40 min Scan# 929

Delta R.T. 0.04 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

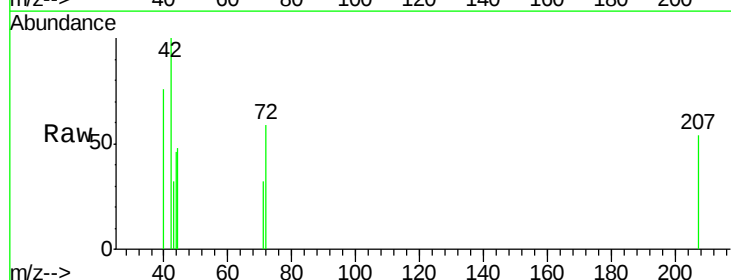
Tgt Ion: 42 Resp: 576

Ion Ratio Lower Upper

42 100

72 28.1 36.9 55.3#

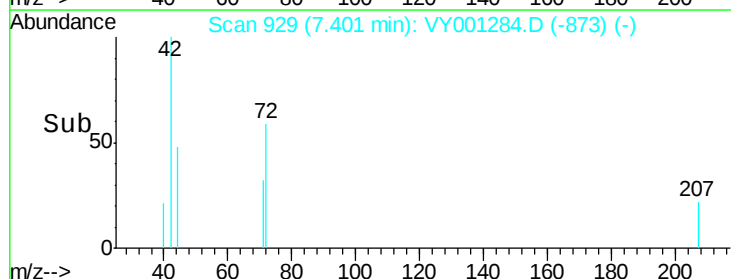
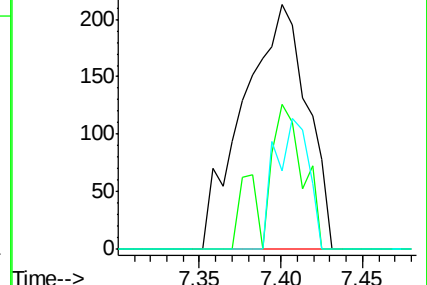
71 27.8 34.0 51.0#

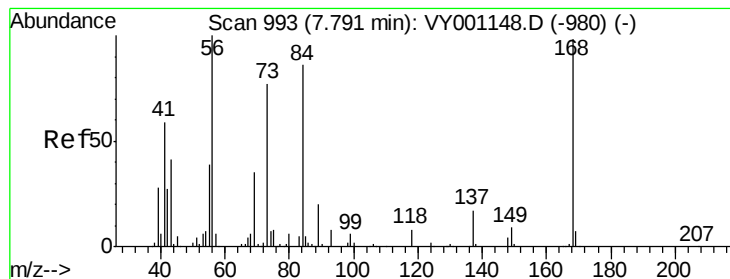


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.03 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-011620

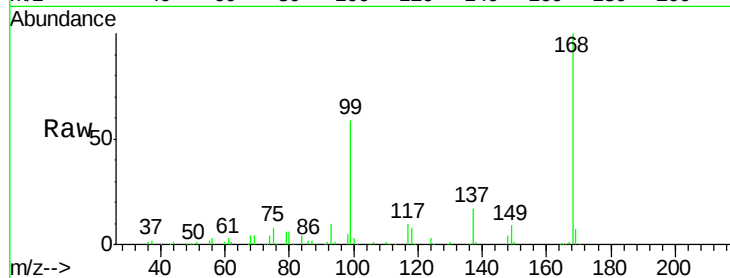
Tgt Ion: 56 Resp: 3918

Ion Ratio Lower Upper

56 100

69 148.3 27.8 41.8#

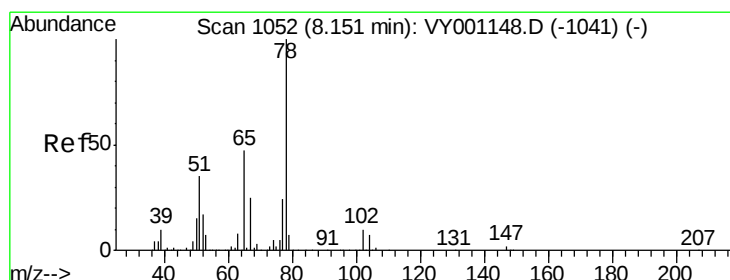
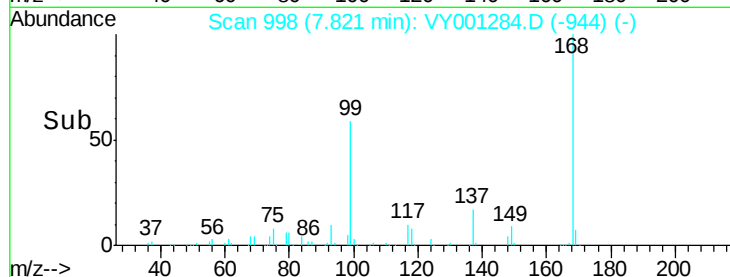
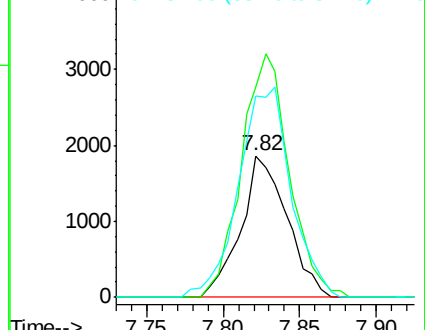
84 142.7 68.9 103.3#



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: 54.48 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001284.D

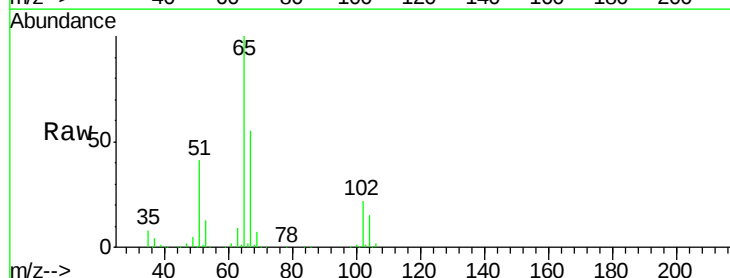
Acq: 17 Jan 2020 22:22

Tgt Ion: 65 Resp: 110098

Ion Ratio Lower Upper

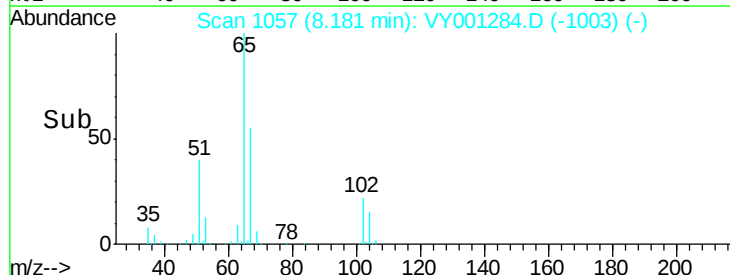
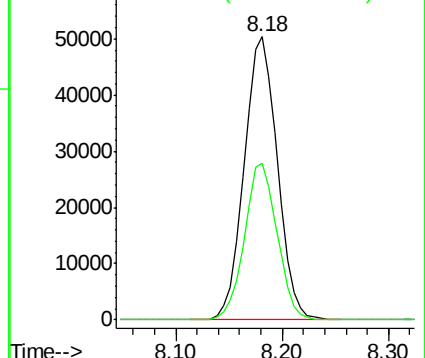
65 100

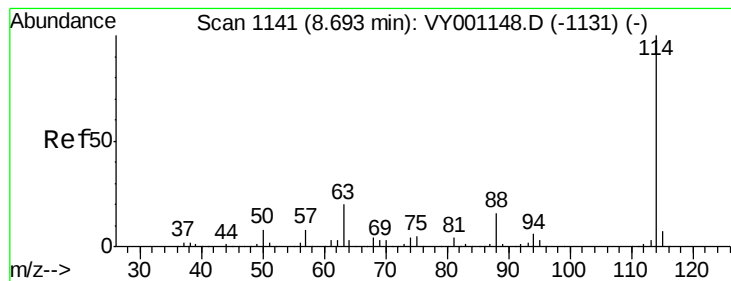
67 54.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-011620

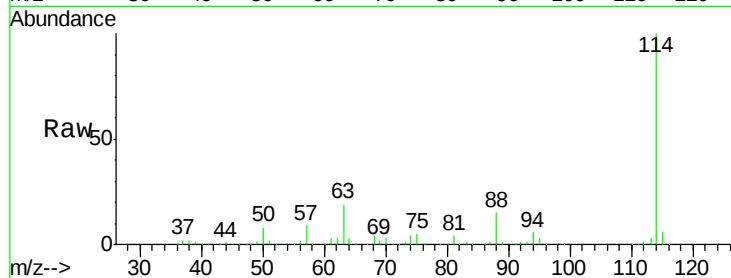
Tgt Ion:114 Resp: 345115

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

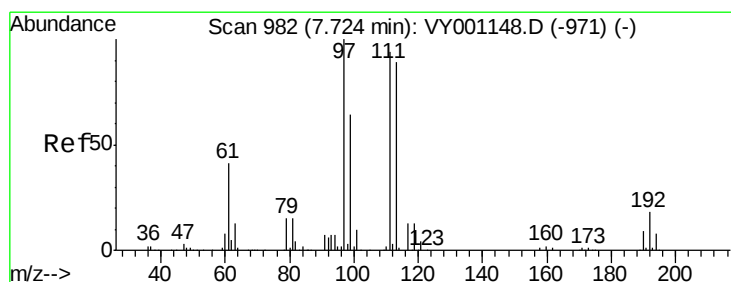
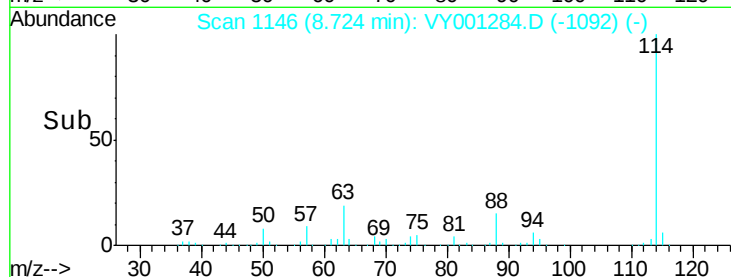
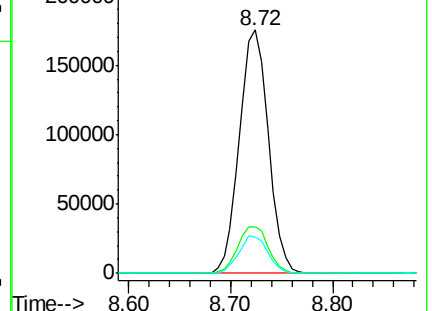
88 15.0 0.0 32.4



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: 50.96 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.03 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

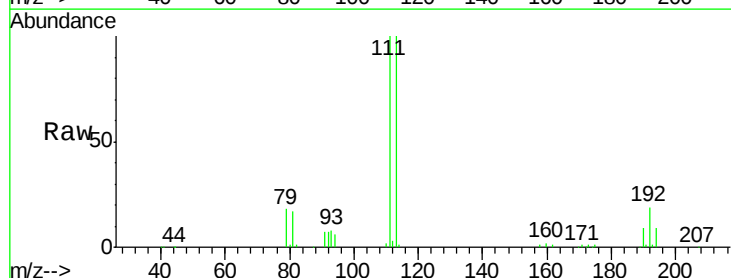
Tgt Ion:113 Resp: 102968

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

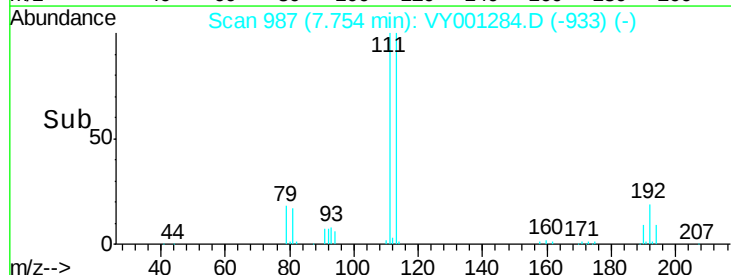
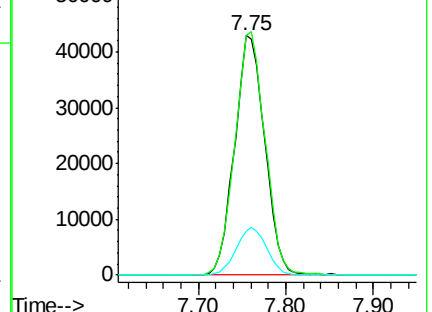
192 20.0 15.4 23.2

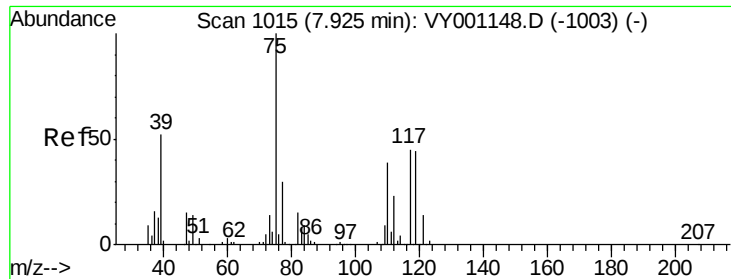


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

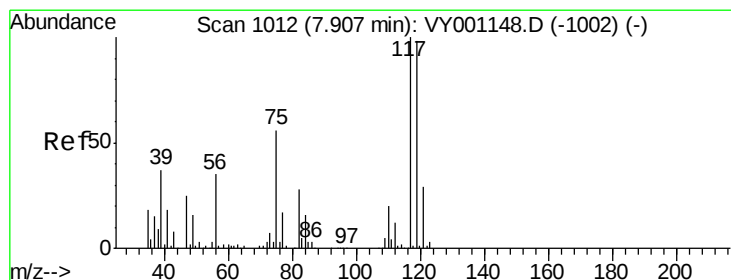
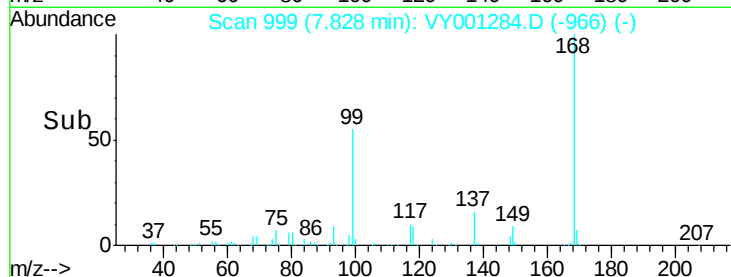
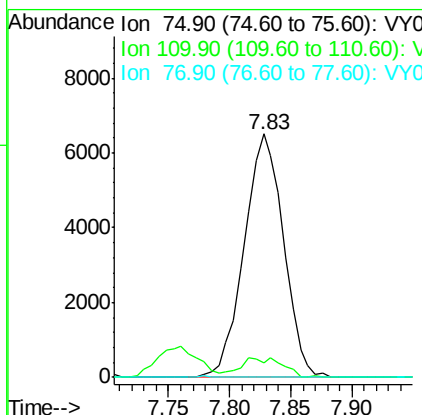
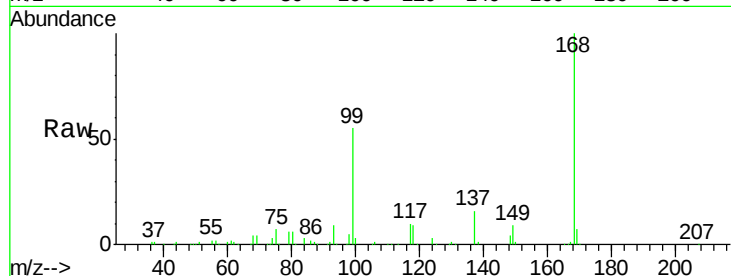




#36
 1,1-Dichloropropene
 Concen: 4.62 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.10 min
 Lab File: VY001284.D
 Acq: 17 Jan 2020 22:22

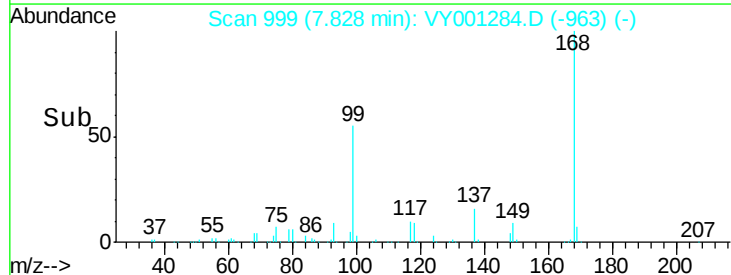
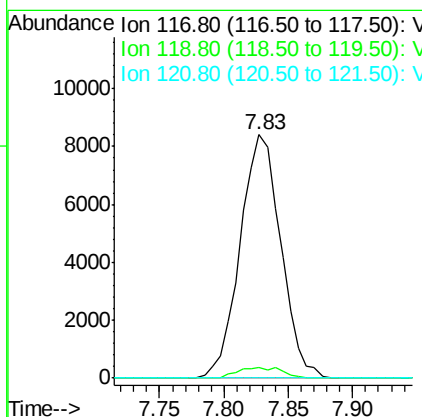
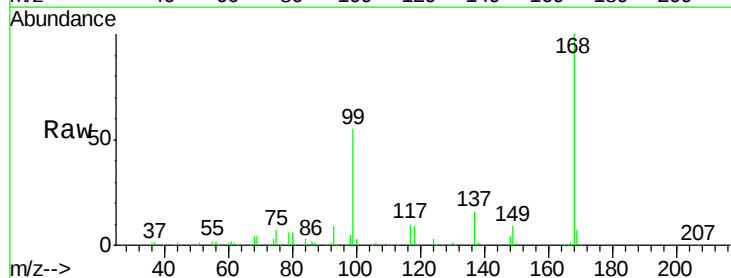
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-011620

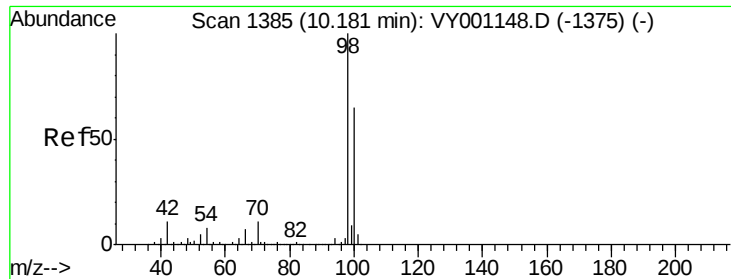
Tgt Ion: 75 Resp: 14531
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.39 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.08 min
 Lab File: VY001284.D
 Acq: 17 Jan 2020 22:22

Tgt Ion: 117 Resp: 18409
 Ion Ratio Lower Upper
 117 100
 119 4.5 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.63 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

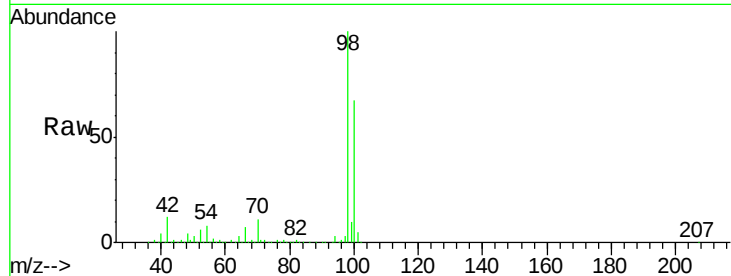
CL-01-011620

Tgt Ion: 98 Resp: 409802

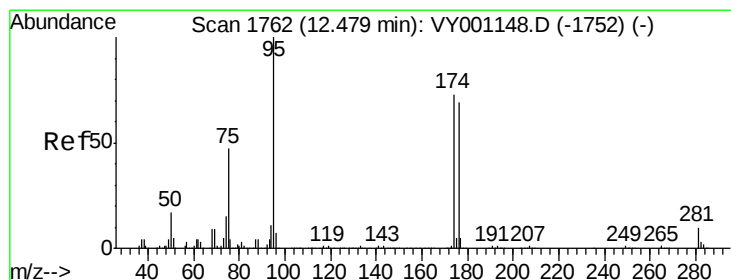
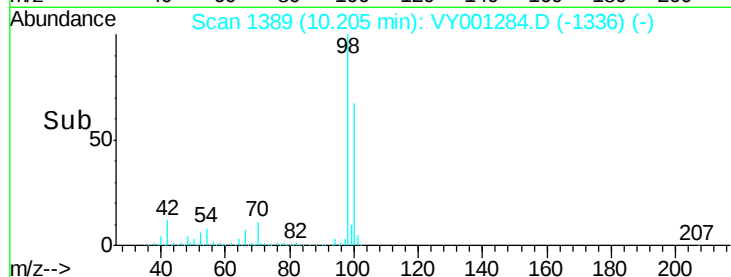
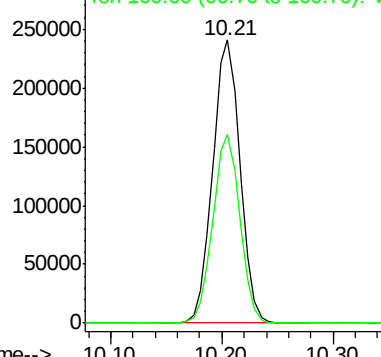
Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)



#62

4-Bromofluorobenzene

Concen: 47.53 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

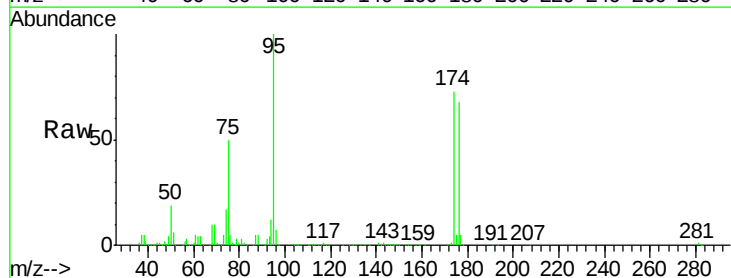
Tgt Ion: 95 Resp: 151286

Ion Ratio Lower Upper

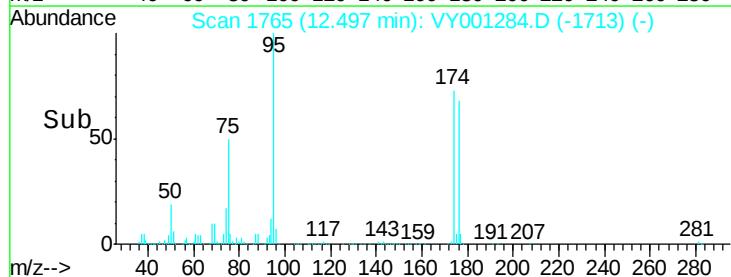
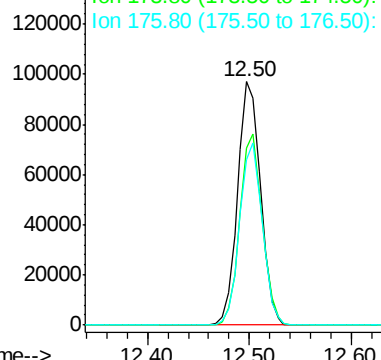
95 100

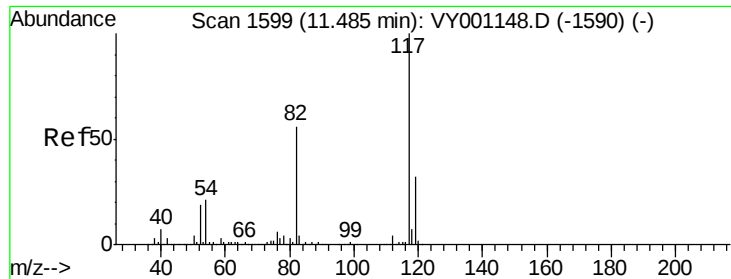
174 76.3 0.0 143.2

176 73.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

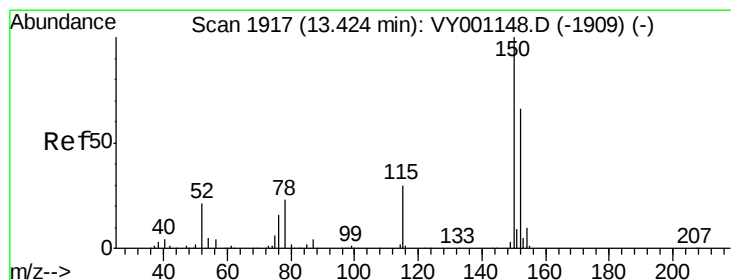
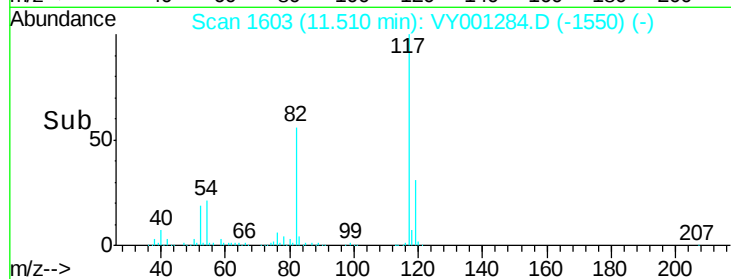
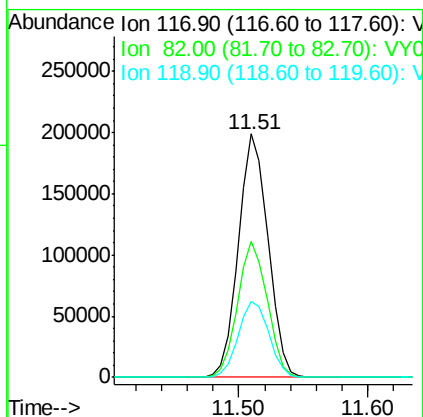
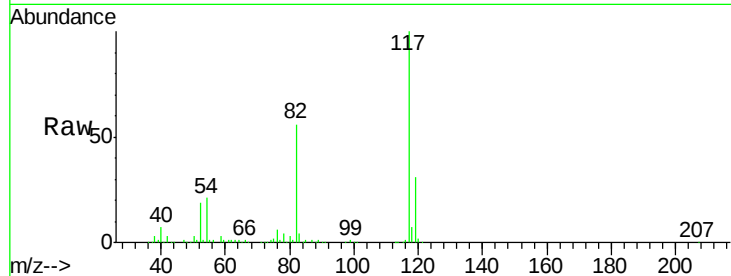




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001284.D
Acq: 17 Jan 2020 22:22

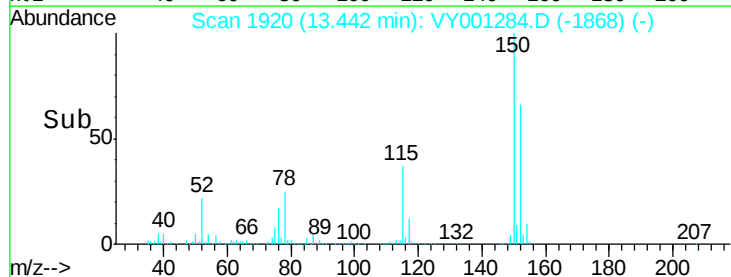
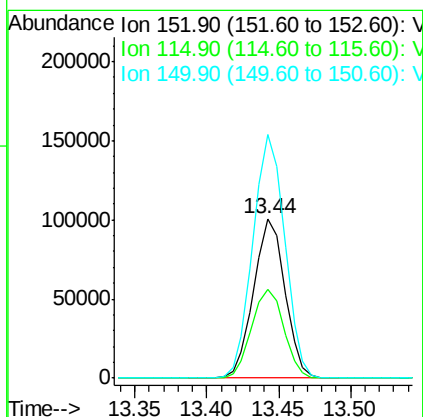
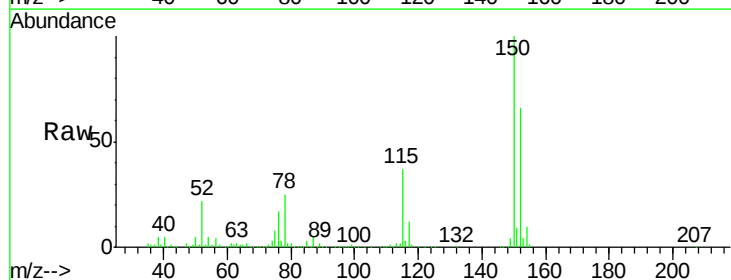
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-011620

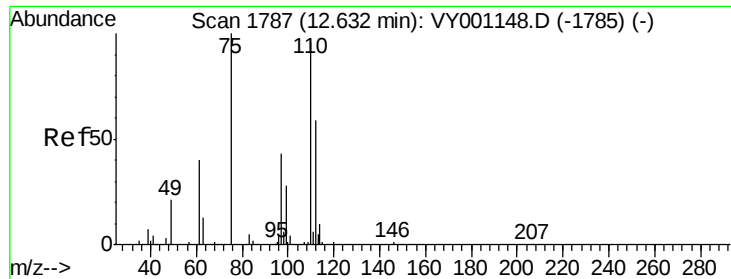
Tgt Ion:117 Resp: 315701
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.02 min
Lab File: VY001284.D
Acq: 17 Jan 2020 22:22

Tgt Ion:152 Resp: 151400
Ion Ratio Lower Upper
152 100
115 57.6 30.9 92.5
150 155.6 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 46.77 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.13 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampled :

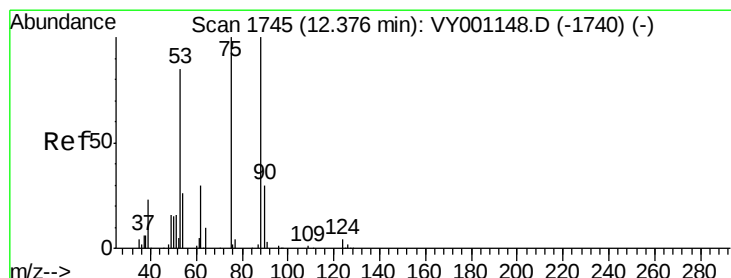
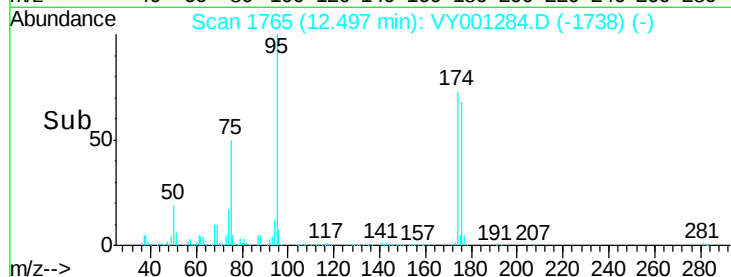
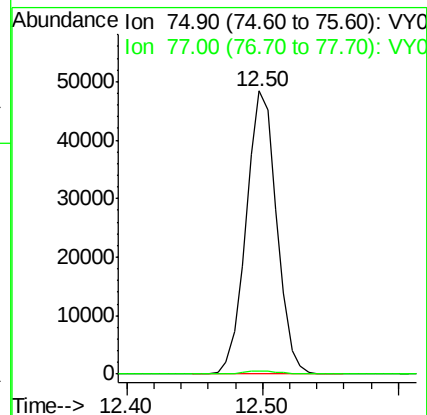
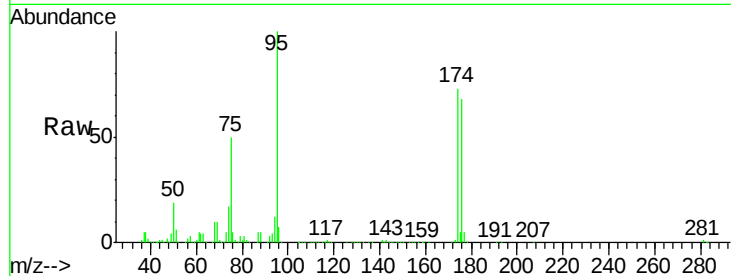
CL-01-011620

Tgt Ion: 75 Resp: 75796

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.30 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.12 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Tgt Ion: 75 Resp: 75796

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 0.0 0.0

