

Data File : VY002445.D
Acq On : 21 Apr 2020 19:47
Operator : SY/MD
Sample : L2344-01RE
Misc : 6.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1

Quant Time: Apr 22 02:38:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	352402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	94311	58.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.42%	
35) Dibromofluoromethane	7.74	113	102767	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
50) Toluene-d8	10.19	98	400862	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.49	95	107264	43.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.68%	

Target Compounds

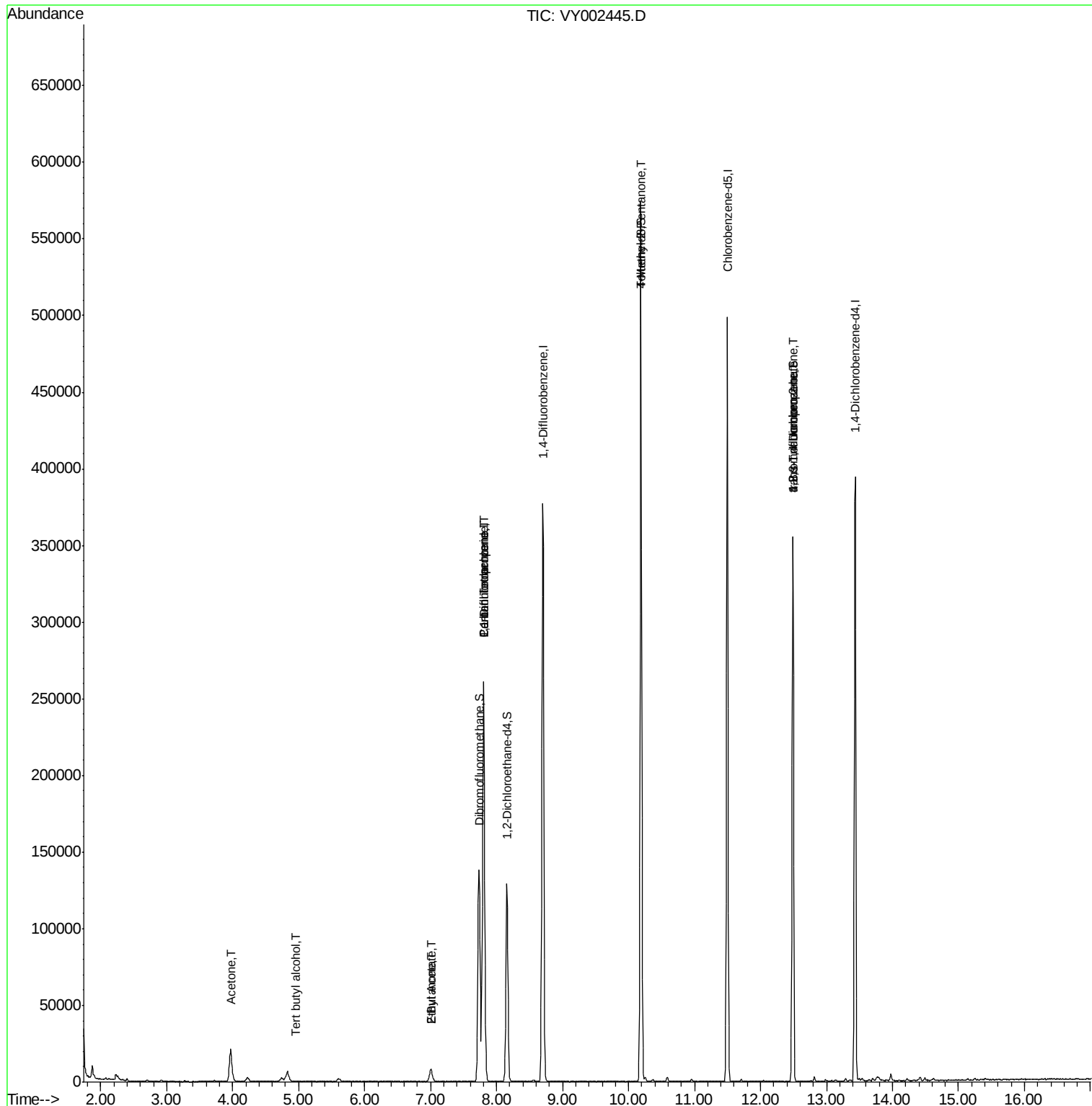
						Qvalue
11) Tert butyl alcohol	4.96	59	585	3.047	ug/l #	74
16) Acetone	3.97	43	35194	81.978	ug/l	96
25) 2-Butanone	7.01	43	9358	15.292	ug/l	93
36) 1,1-Dichloropropene	7.81	75	13170	4.645	ug/l #	47
37) Ethyl Acetate	7.01	43	9358	7.057	ug/l #	64
38) Carbon Tetrachloride	7.80	117	19361	6.779	ug/l #	15
51) 4-Methyl-2-Pentanone	10.19	43	1317	1.020	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	50086	50.434	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50086	98.292	ug/l #	19

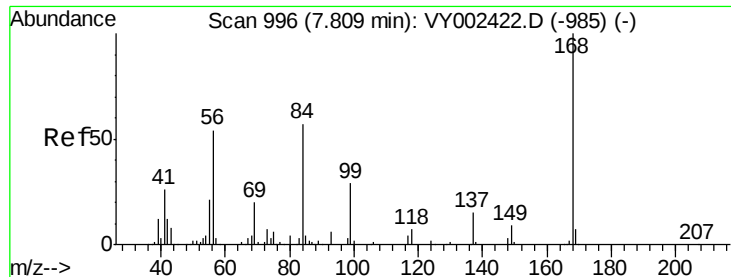
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

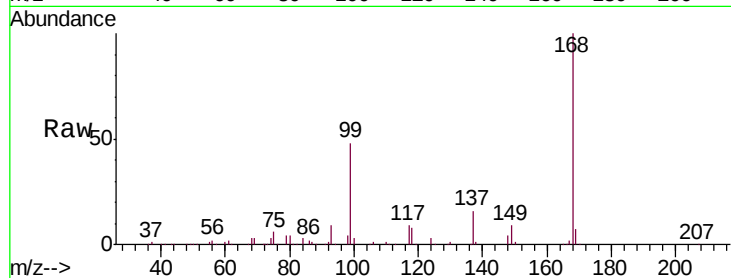
TP-2-1

Tgt Ion:168 Resp: 220882

Ion Ratio Lower Upper

168 100

99 47.9 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.80

100000

80000

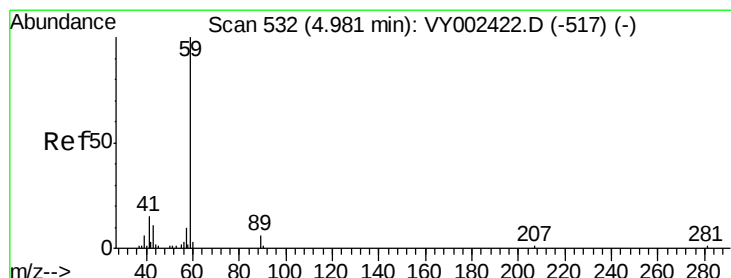
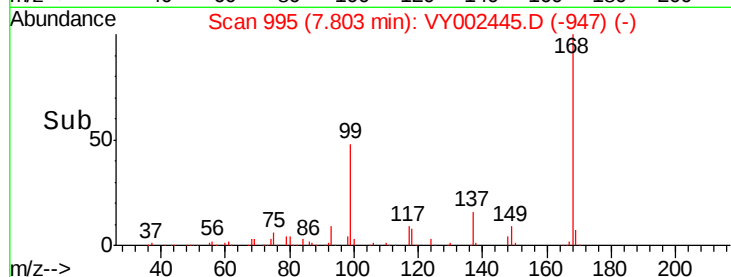
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.047 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.02 min

Lab File: VY002445.D

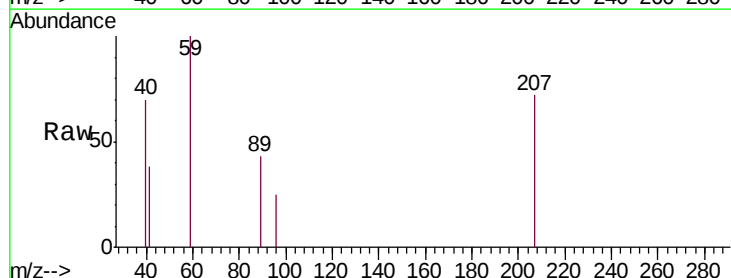
Acq: 21 Apr 2020 19:47

Tgt Ion: 59 Resp: 585

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY002422.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY002422.D (-517) (-)

4.96

300

250

200

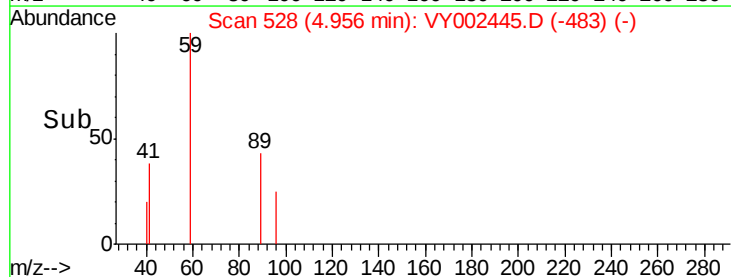
150

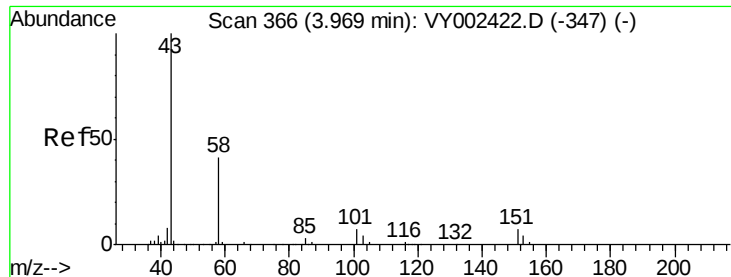
100

50

0

Time-->





#16

Acetone

Concen: 81.978 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

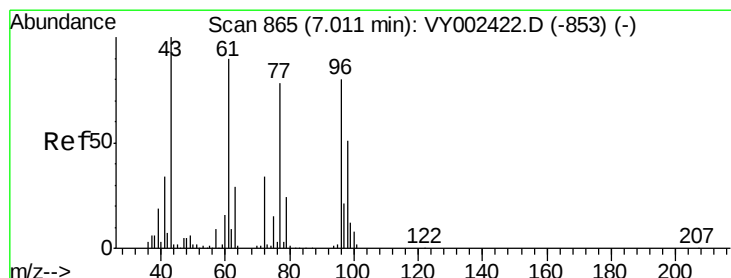
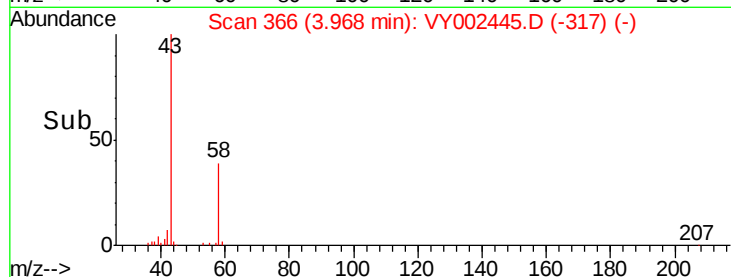
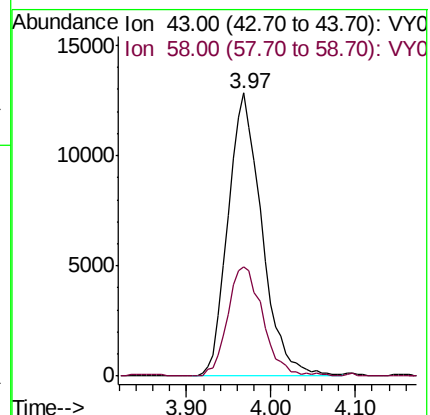
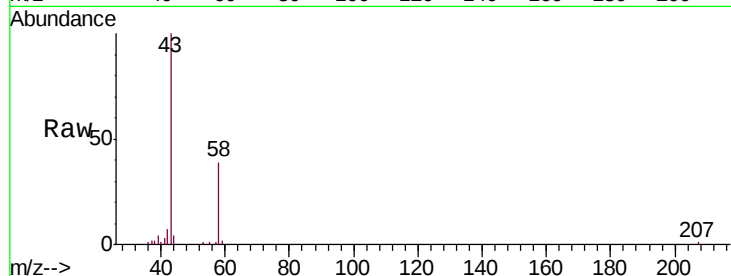
TP-2-1

Tgt Ion: 43 Resp: 35194

Ion Ratio Lower Upper

43 100

58 38.5 32.6 48.8



#25

2-Butanone

Concen: 15.292 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002445.D

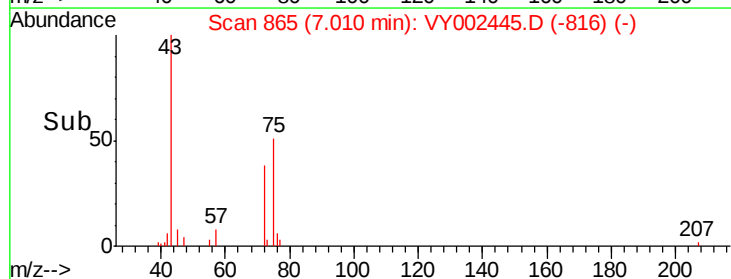
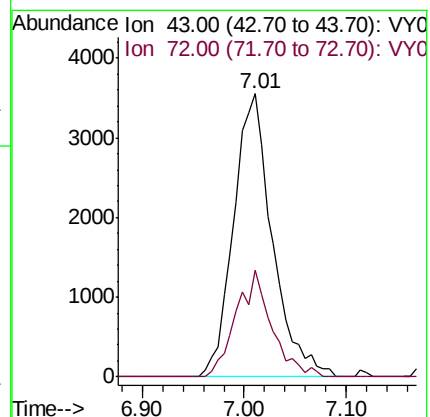
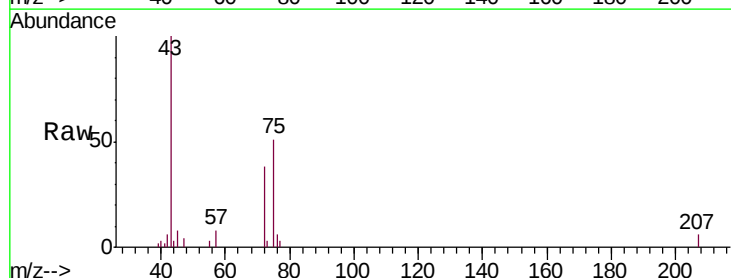
Acq: 21 Apr 2020 19:47

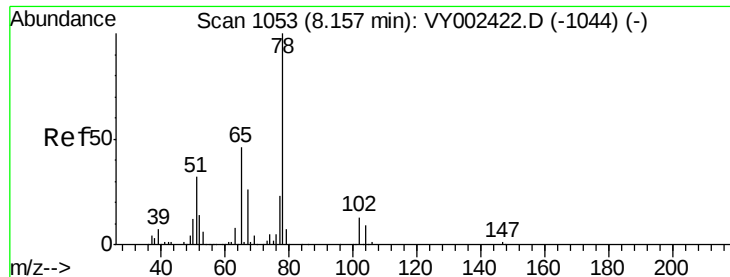
Tgt Ion: 43 Resp: 9358

Ion Ratio Lower Upper

43 100

72 37.6 27.0 40.6





#33

1,2-Dichloroethane-d4

Concen: 58.706 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

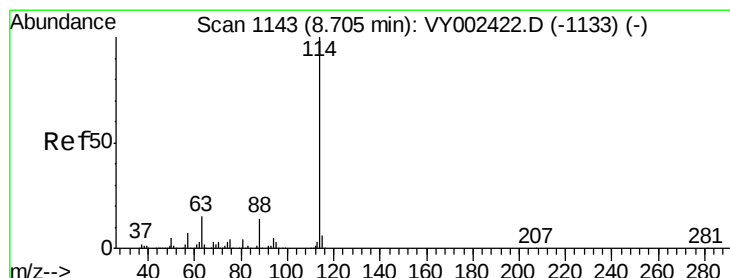
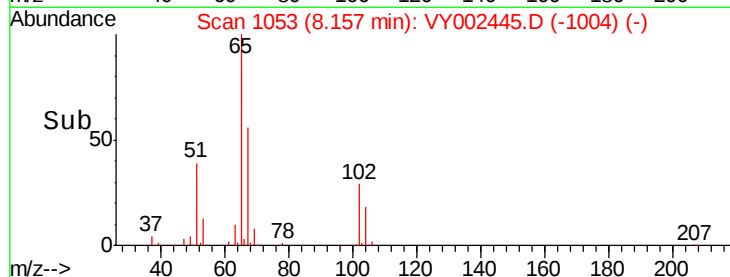
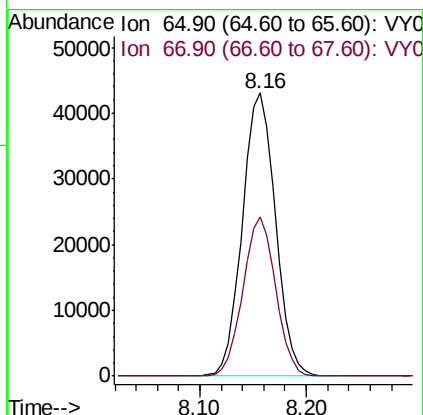
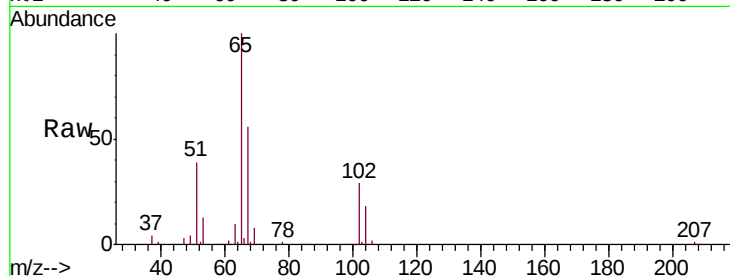
TP-2-1

Tgt Ion: 65 Resp: 94311

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

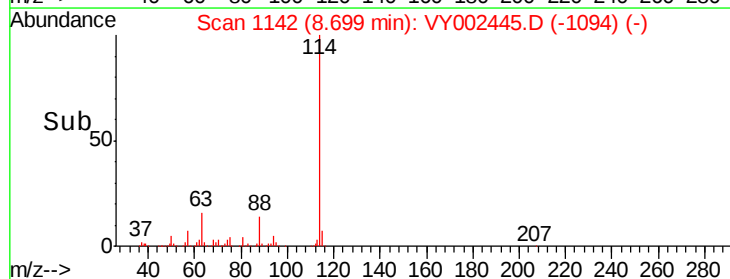
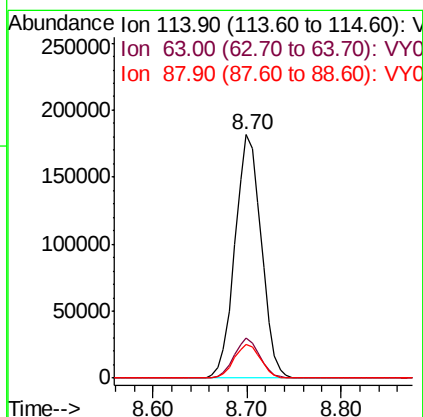
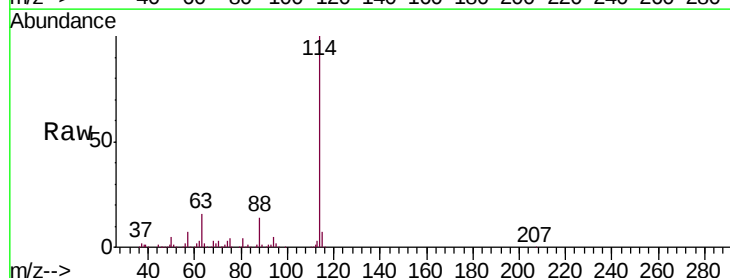
Tgt Ion: 114 Resp: 352402

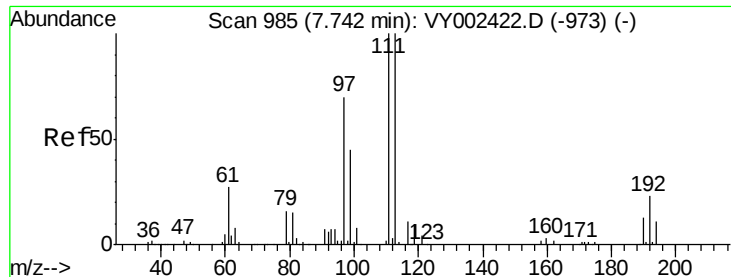
Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.0

88 13.9 0.0 28.2

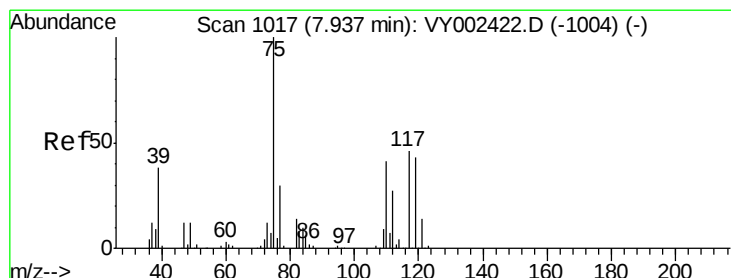
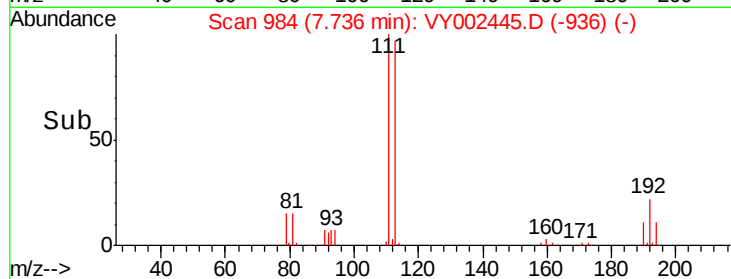
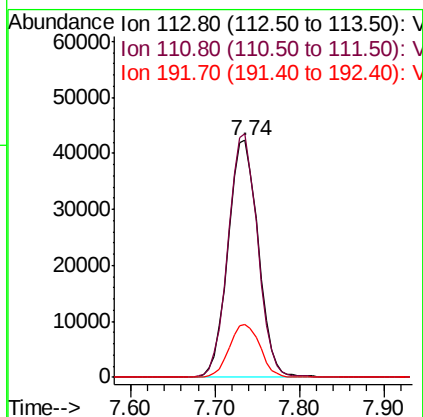
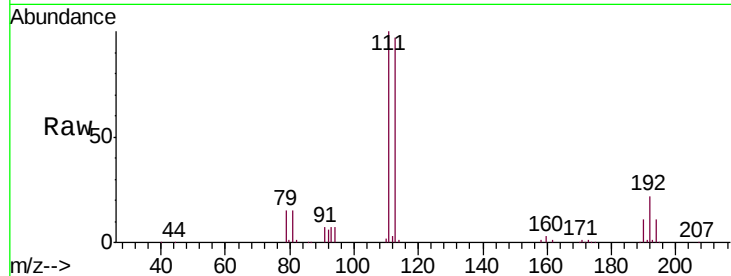




#35
 Dibromofluoromethane
 Concen: 55.443 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002445.D
 Acq: 21 Apr 2020 19:47

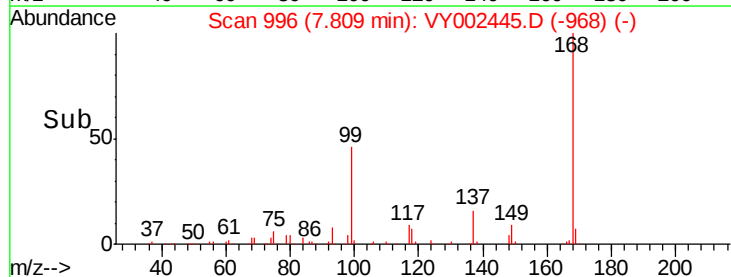
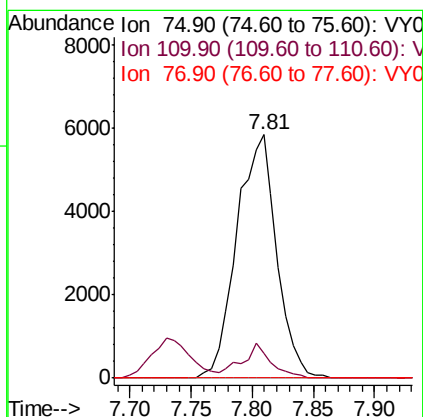
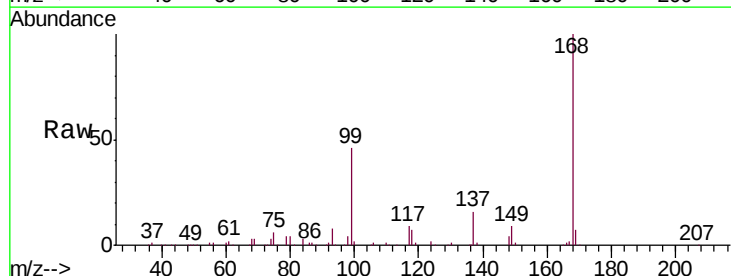
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-1

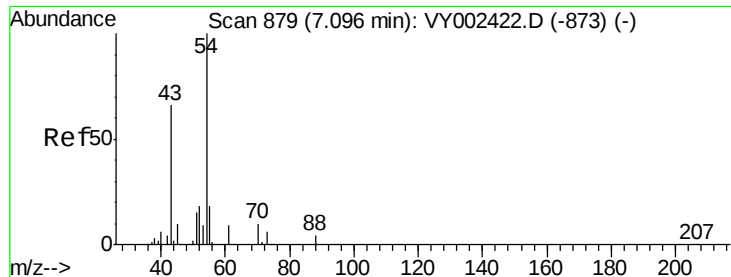
Tgt Ion:113 Resp: 102767
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.7 122.5
 192 22.6 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002445.D
 Acq: 21 Apr 2020 19:47

Tgt Ion: 75 Resp: 13170
 Ion Ratio Lower Upper
 75 100
 110 10.4 20.4 61.2#
 77 0.0 25.5 38.3#

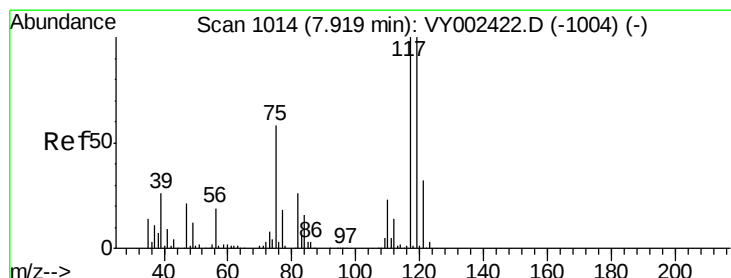
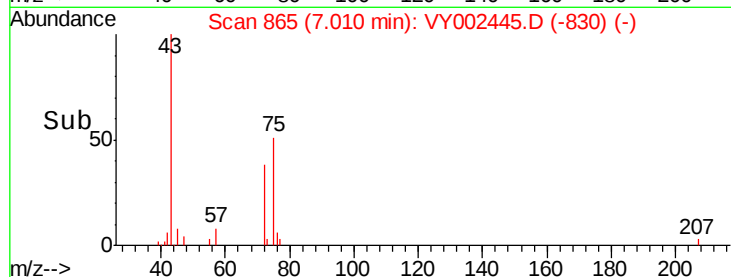
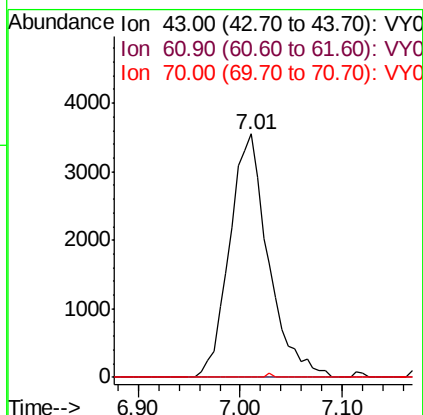
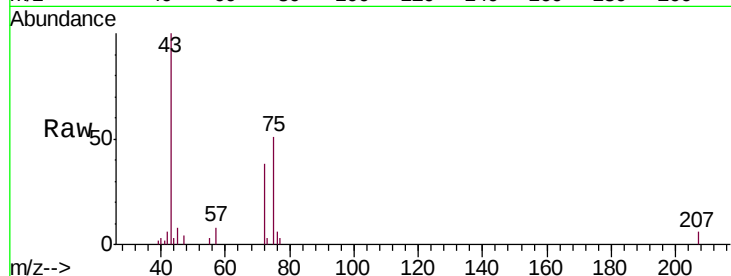




#37
Ethyl Acetate
Concen: 7.057 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.09 min
Lab File: VY002445.D
Acq: 21 Apr 2020 19:47

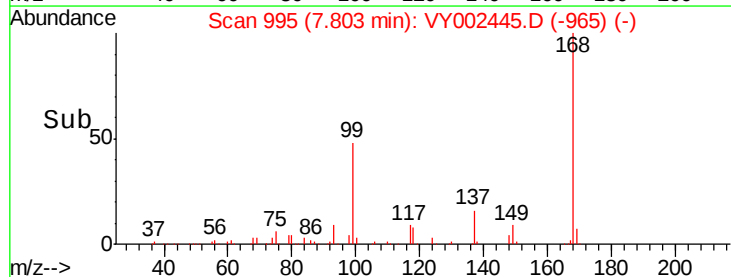
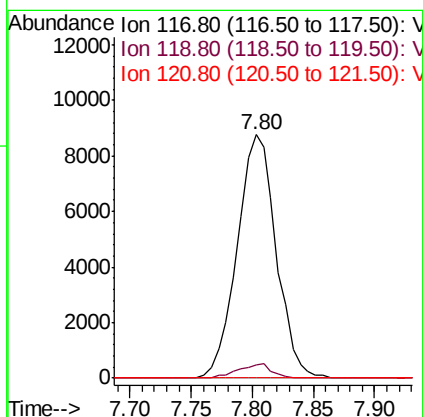
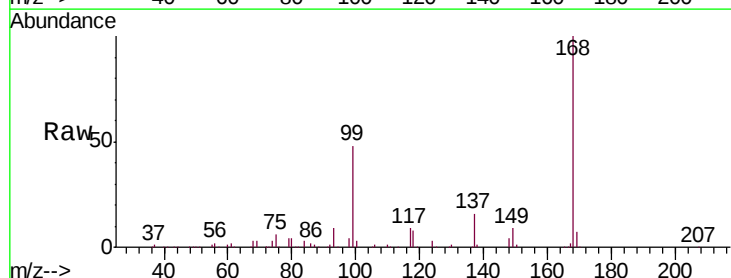
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1

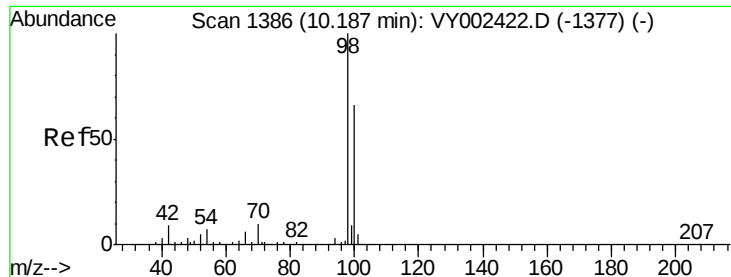
Tgt Ion: 43 Resp: 9358
Ion Ratio Lower Upper
43 100
61 0.0 13.5 20.3#
70 0.2 10.6 16.0#



#38
Carbon Tetrachloride
Concen: 6.779 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002445.D
Acq: 21 Apr 2020 19:47

Tgt Ion: 117 Resp: 19361
Ion Ratio Lower Upper
117 100
119 5.4 79.6 119.4#
121 0.0 25.4 38.2#





#50

Toluene-d8

Concen: 53.470 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampled :

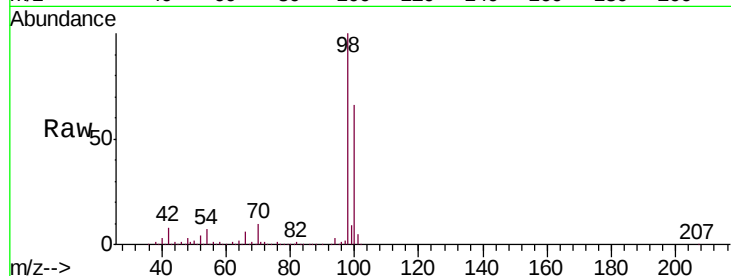
TP-2-1

Tgt Ion: 98 Resp: 400862

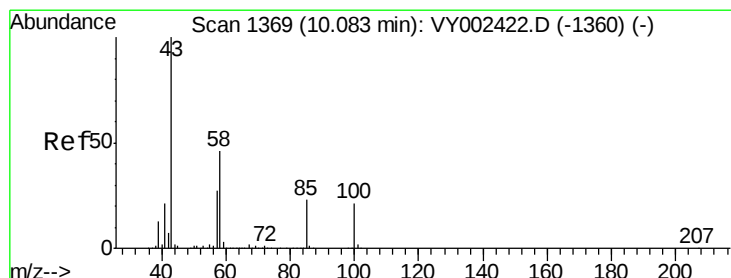
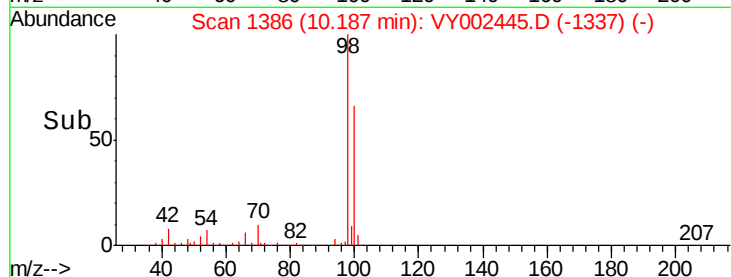
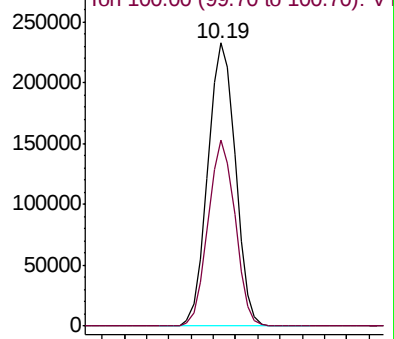
Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002422.D (-1377) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.020 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002445.D

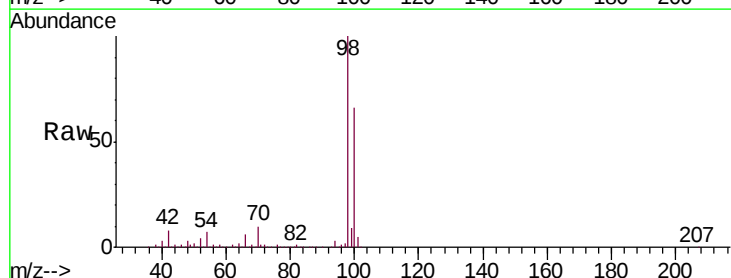
Acq: 21 Apr 2020 19:47

Tgt Ion: 43 Resp: 1317

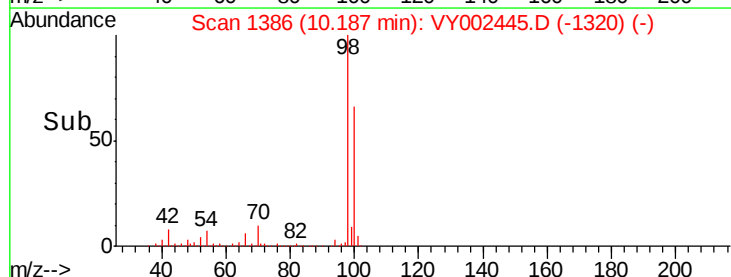
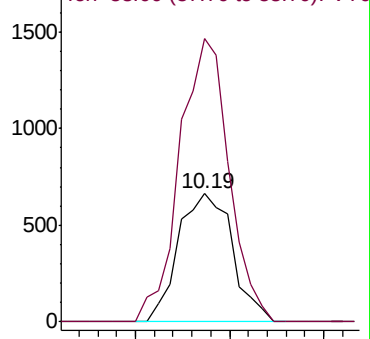
Ion Ratio Lower Upper

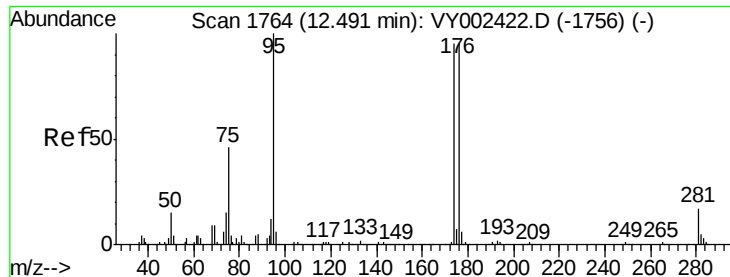
43 100

58 202.4 36.8 55.2#



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-1360) (-)

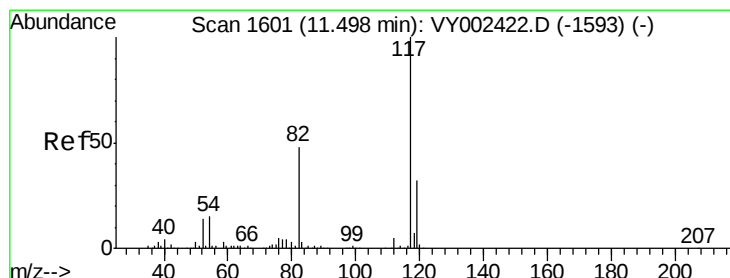
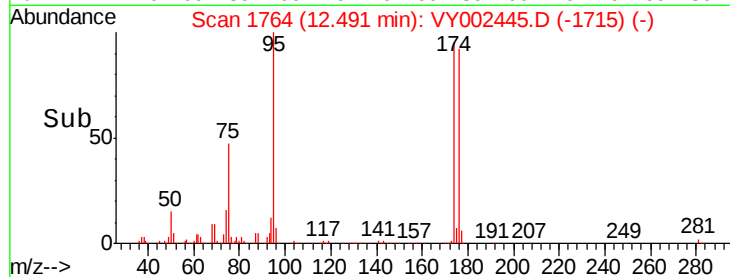
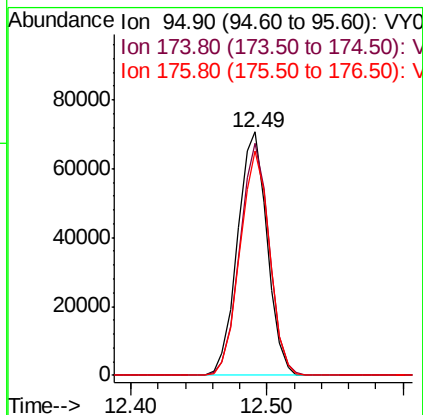
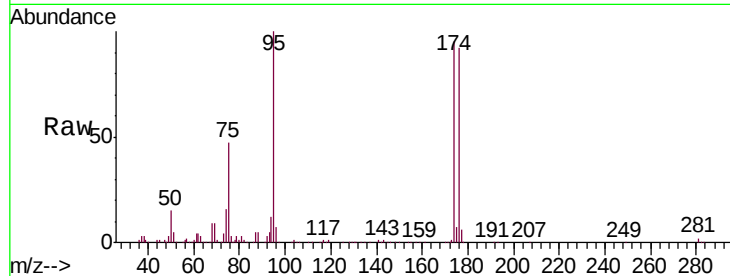




#62
4-Bromofluorobenzene
Concen: 43.335 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002445.D
Acq: 21 Apr 2020 19:47

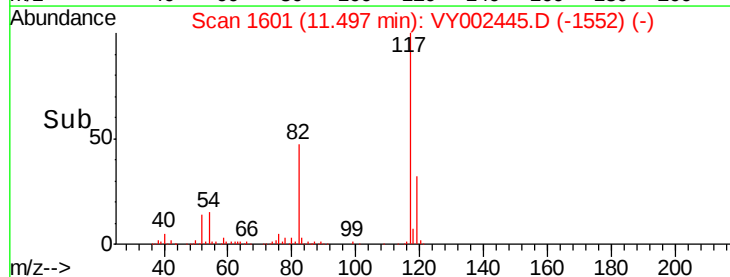
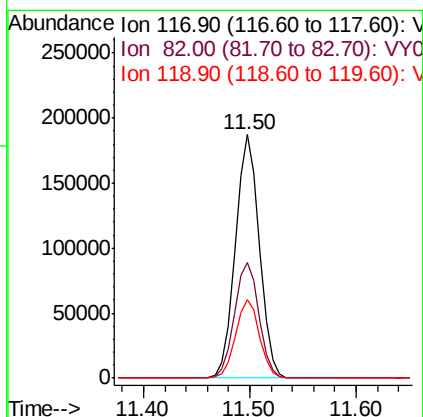
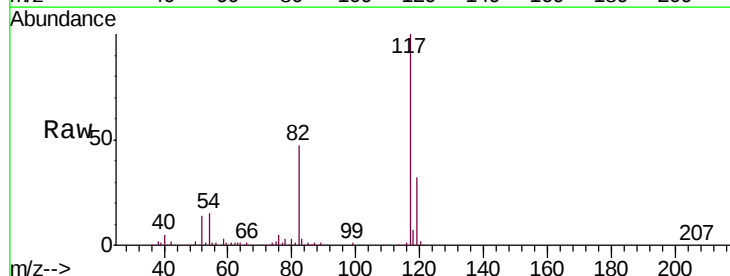
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1

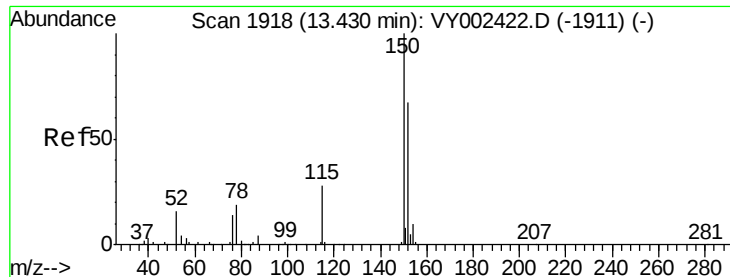
Tgt Ion: 95 Resp: 107264
Ion Ratio Lower Upper
95 100
174 94.6 0.0 185.8
176 92.2 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002445.D
Acq: 21 Apr 2020 19:47

Tgt Ion: 117 Resp: 295904
Ion Ratio Lower Upper
117 100
82 47.5 38.4 57.6
119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-1

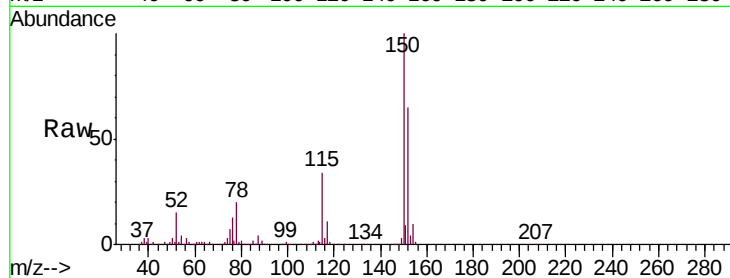
Tgt Ion:152 Resp: 112726

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.8

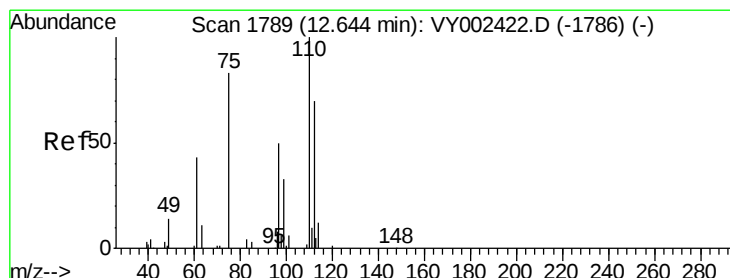
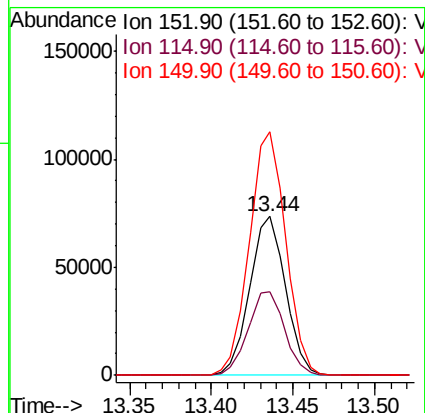
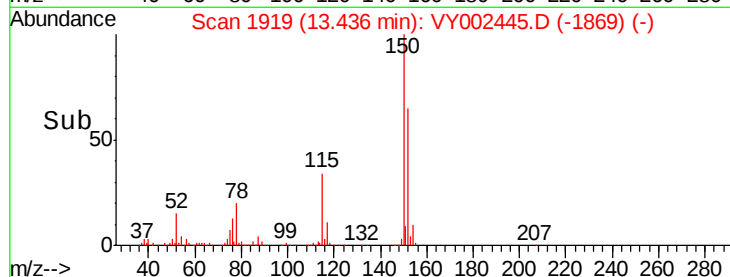
150 155.3 0.0 344.0



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: 50.434 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002445.D

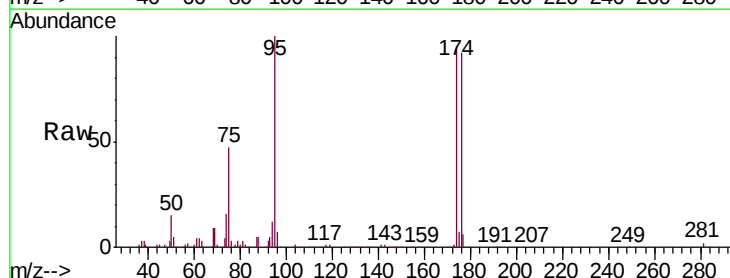
Acq: 21 Apr 2020 19:47

Tgt Ion: 75 Resp: 50086

Ion Ratio Lower Upper

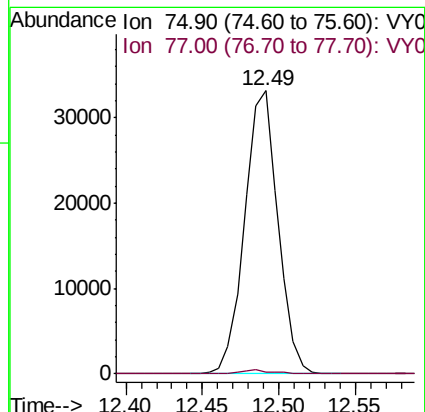
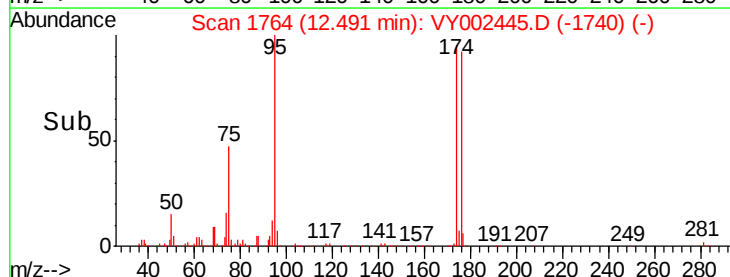
75 100

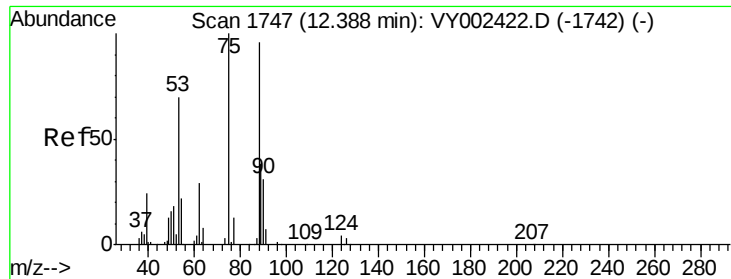
77 1.4 0.0 0.0#



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: 98.292 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-1

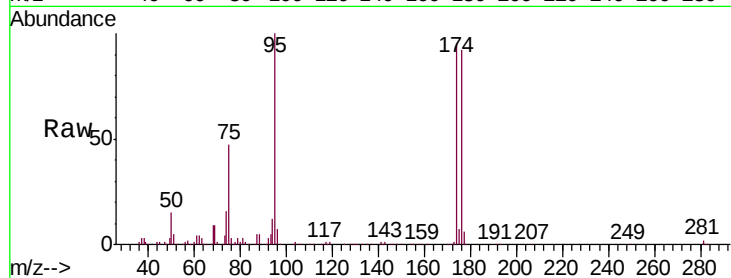
Tgt Ion: 75 Resp: 50086

Ion Ratio Lower Upper

75 100

53 0.1 58.7 88.1#

89 0.1 37.9 56.9#



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

