

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002217.D
 Acq On : 03 Apr 2020 14:06
 Operator : SY/MD
 Sample : L2117-01
 Misc : 6.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-040220

Quant Time: Apr 04 00:18:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

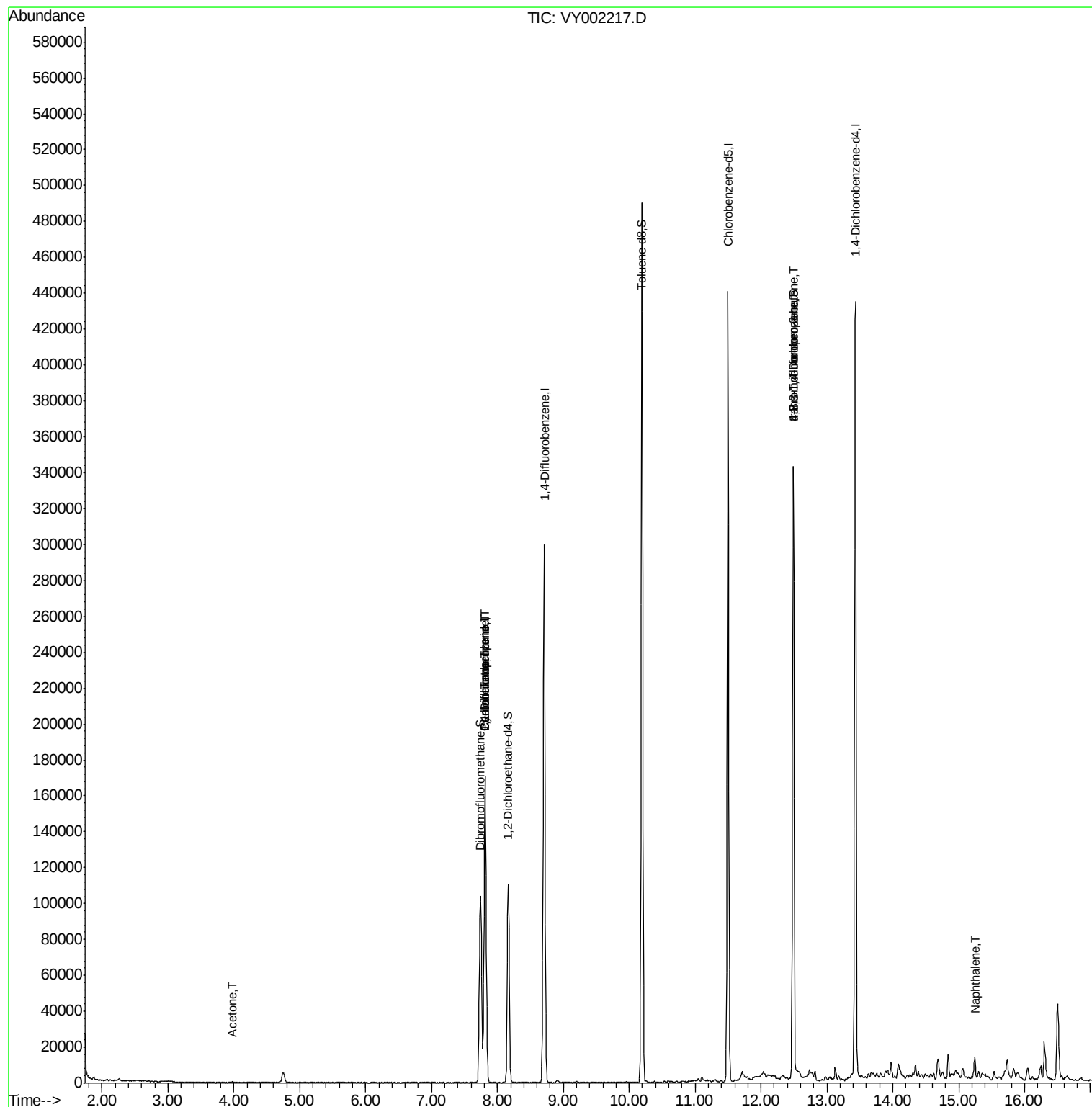
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	129089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	255890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80112	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
35) Dibromofluoromethane	7.74	113	75565	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.19	98	313728	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.49	95	108699	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	732	1.826	ug/l #	75
20) Methylene Chloride	4.74	84	3981	Below Cal		94
31) Cyclohexane	7.81	56	3018	1.015	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	11338	4.684	ug/l #	49
38) Carbon Tetrachloride	7.82	117	13120	6.389	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	56599	47.927	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56599	92.852	ug/l #	17
95) Naphthalene	15.25	128	8460	1.830	ug/l #	92

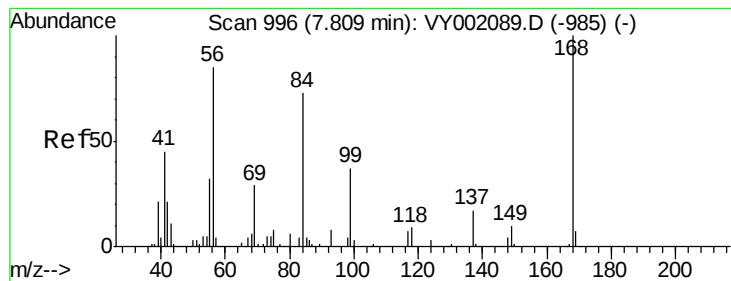
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 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: VY002217.D

Acq: 03 Apr 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

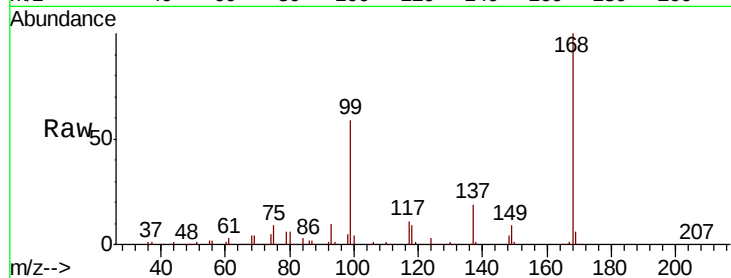
OK-03-040220

Tot Ion:168 Resp: 129089

Ion Ratio Lower Upper

168 100

99 59.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002217.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002217.D (-947) (-)

7.82

60000

50000

40000

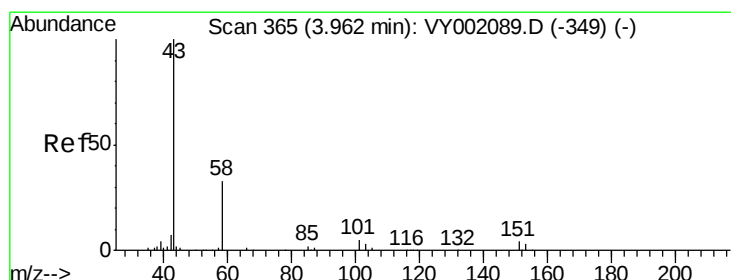
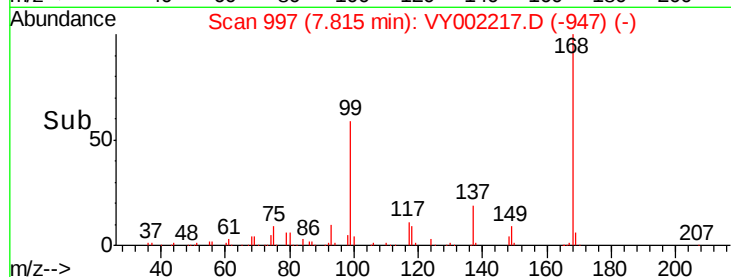
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 1.826 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002217.D

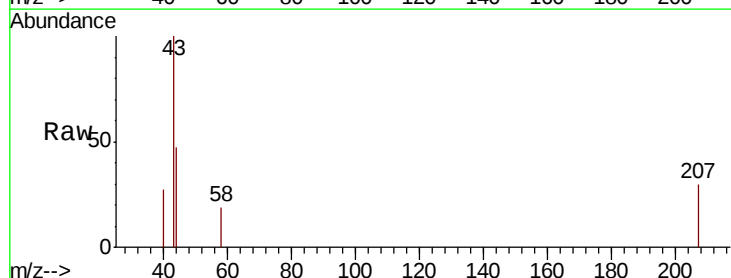
Acq: 03 Apr 2020 14:06

Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

58 18.6 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002217.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002217.D (-316) (-)

3.97

400

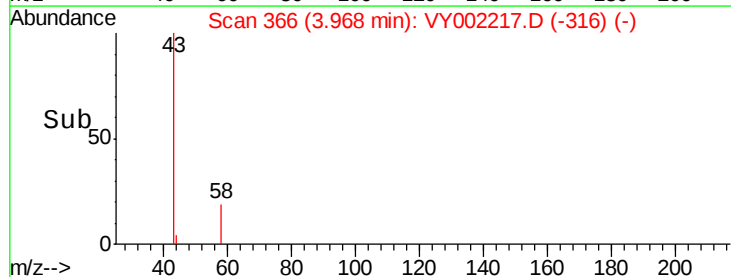
300

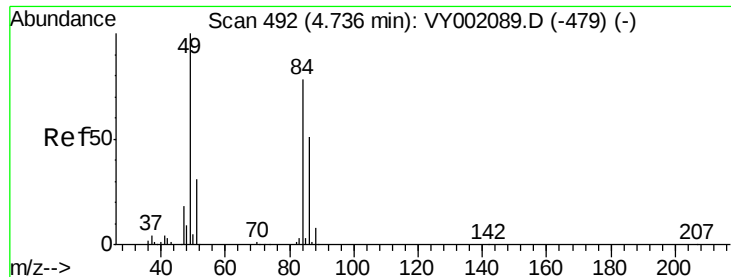
200

100

0

Time-->

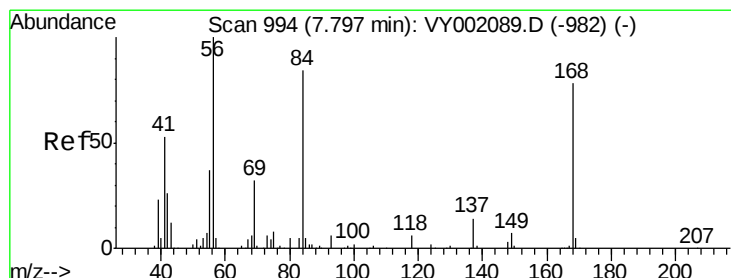
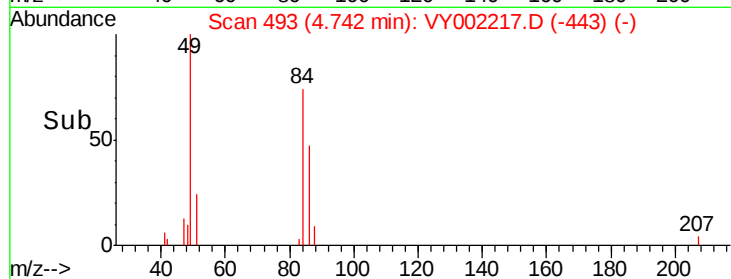
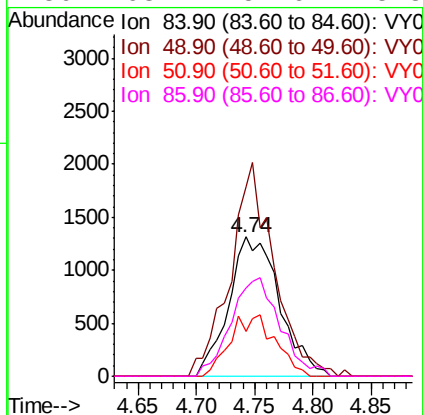
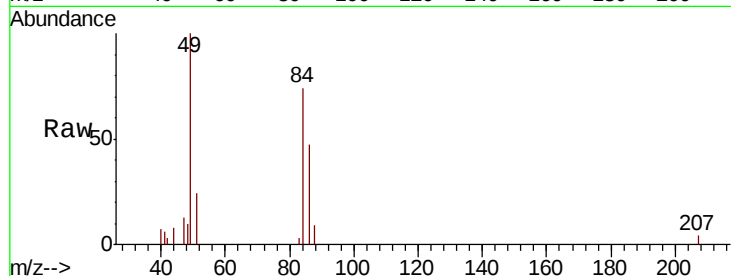




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

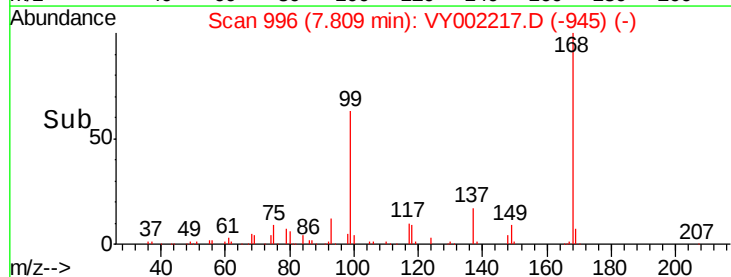
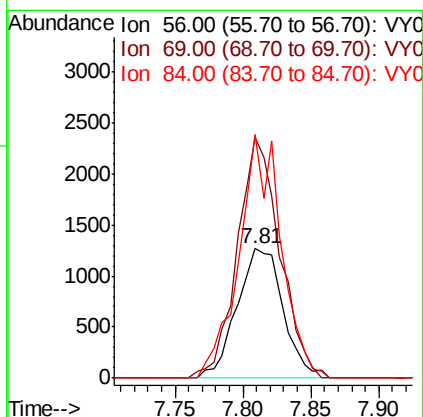
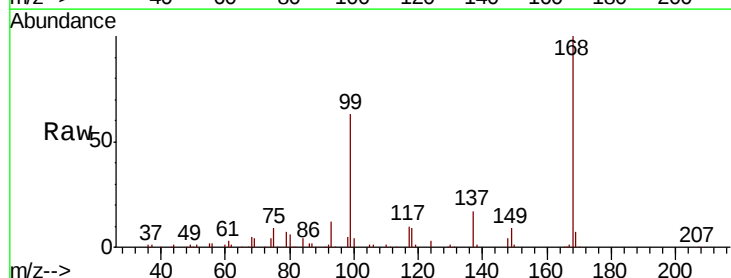
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-040220

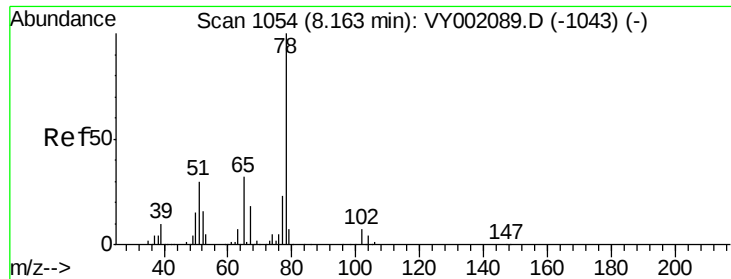
Tot Ion:	84	Resp:	3981
Ion	Ratio	Lower	Upper
84	100		
49	136.0	102.2	153.4
51	32.3	31.2	46.8
86	63.7	52.6	78.8



#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Tgt Ion:	56	Resp:	3018
Ion	Ratio	Lower	Upper
56	100		
69	186.1	25.8	38.8#
84	187.9	67.1	100.7#





#33

1,2-Dichloroethane-d4

Concen: 56.138 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002217.D

Acq: 03 Apr 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

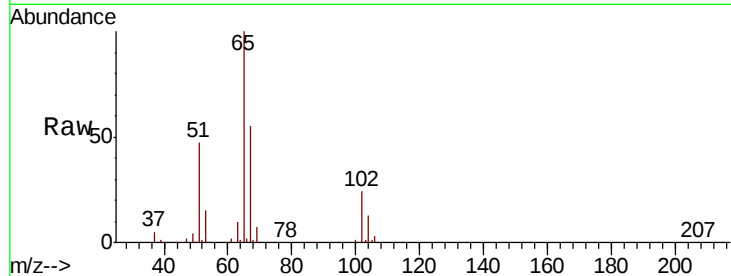
OK-03-040220

Tot Ion: 65 Resp: 80112

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002217.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002217.D (-1043) (-)

8.16

40000

30000

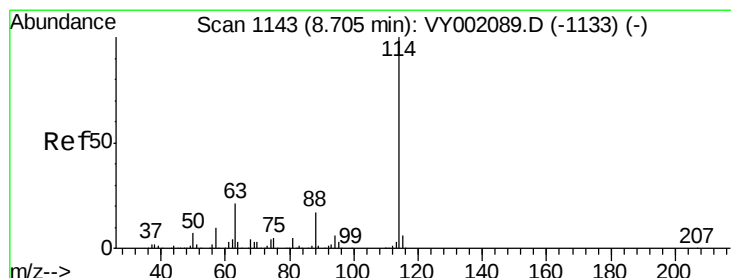
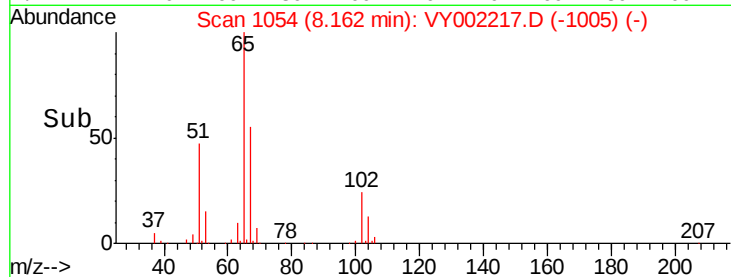
20000

10000

0

8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002217.D

Acq: 03 Apr 2020 14:06

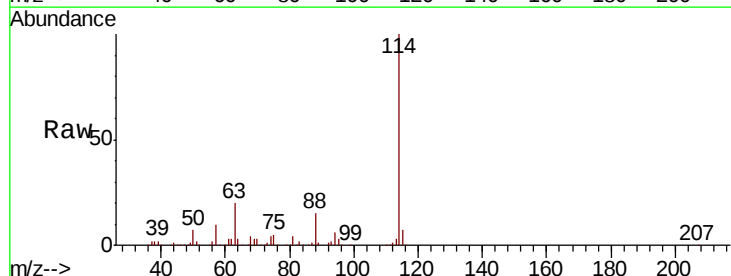
Tgt Ion: 114 Resp: 255890

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.4 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002217.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002217.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002217.D (-1094) (-)

8.71

150000

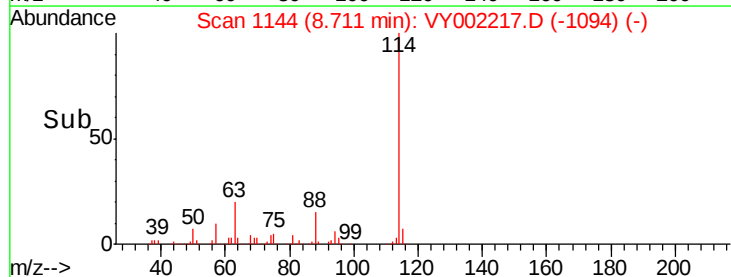
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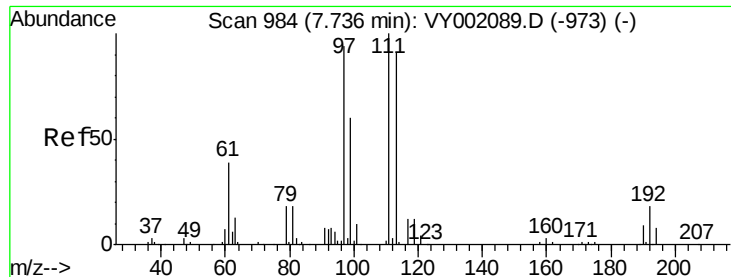
50000

0

8.60 8.70 8.80

Time-->

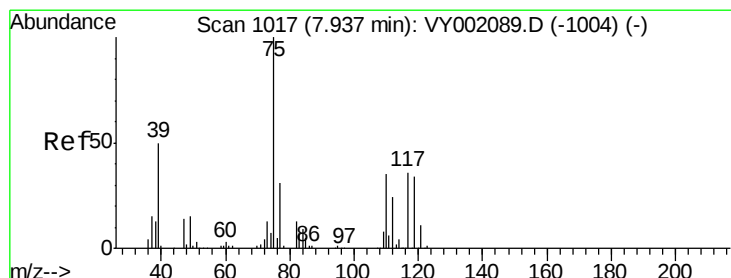
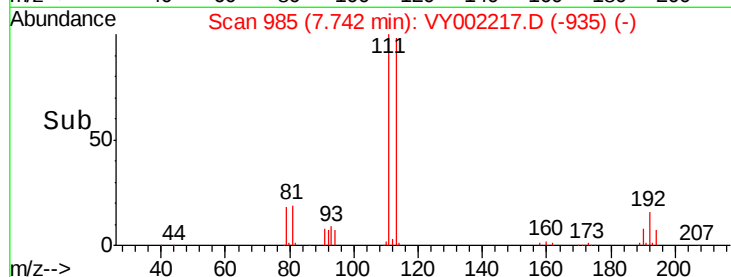
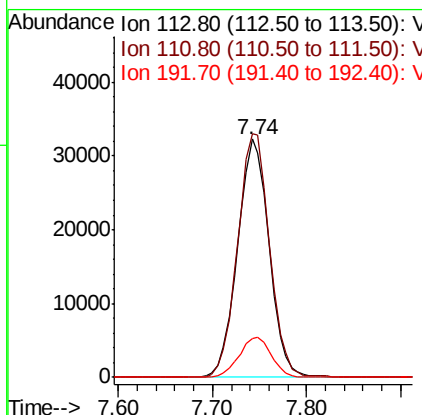
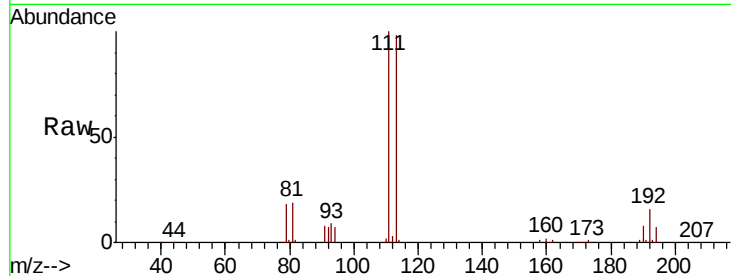




#35
 Dibromofluoromethane
 Concen: 52.703 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002217.D
 Acq: 03 Apr 2020 14:06

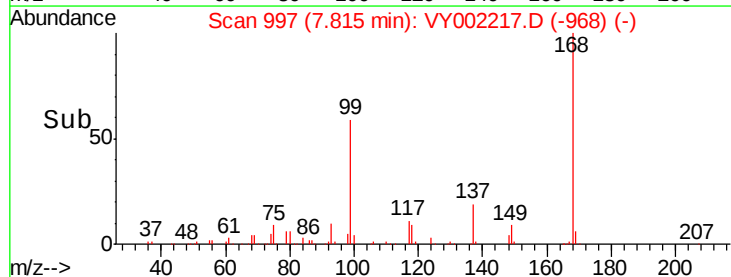
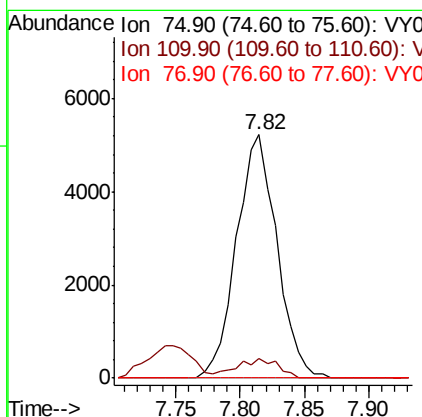
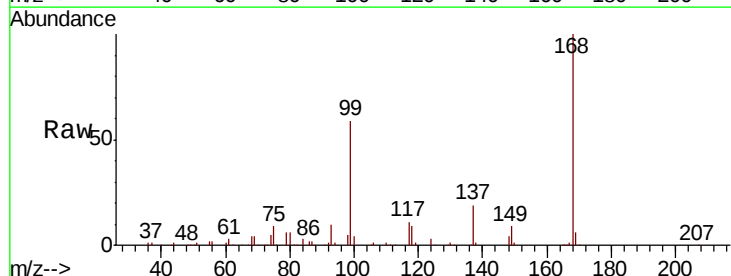
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-040220

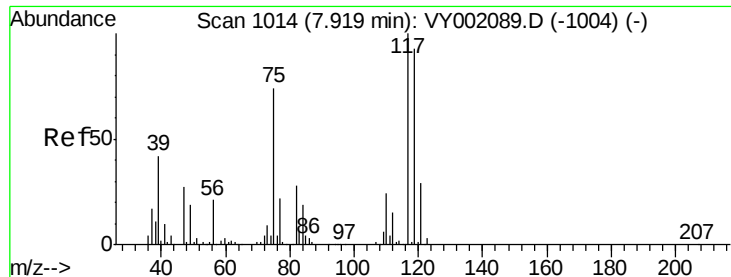
Tot Ion:113 Resp: 75565
 Ion Ratio Lower Upper
 113 100
 111 103.7 84.4 126.6
 192 17.2 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.684 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002217.D
 Acq: 03 Apr 2020 14:06

Tgt Ion: 75 Resp: 11338
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.2 51.6#
 77 0.0 24.7 37.1#

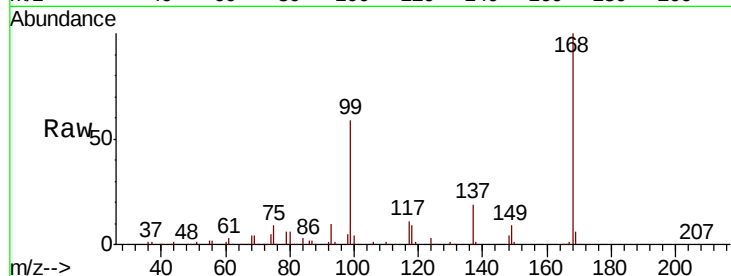




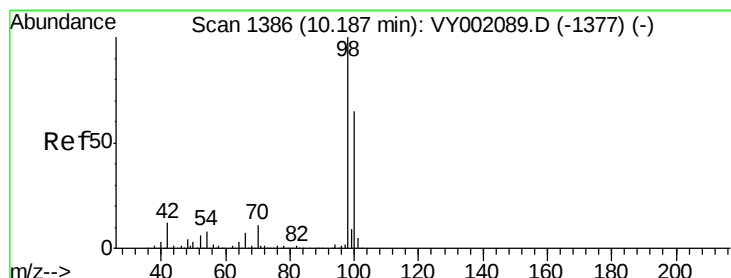
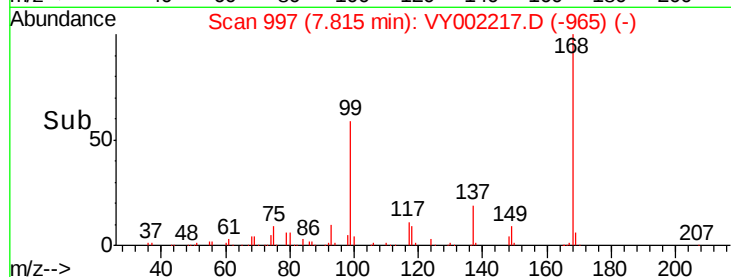
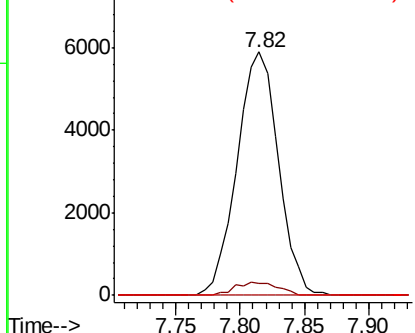
#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-040220

Tot Ion:117 Resp: 13120
Ion Ratio Lower Upper
117 100
119 5.0 74.3 111.5#
121 0.0 23.3 34.9#

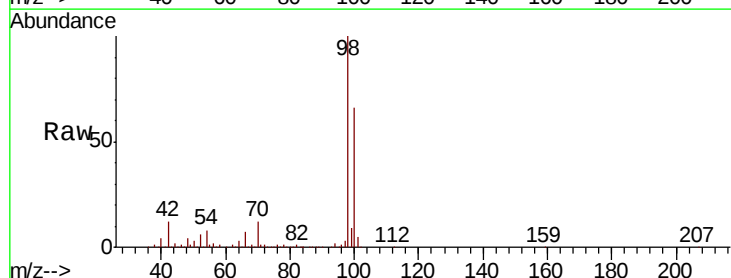


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

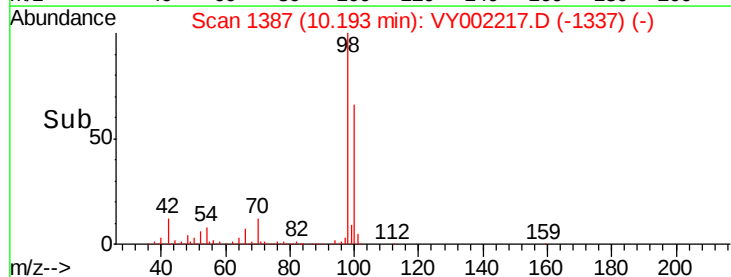
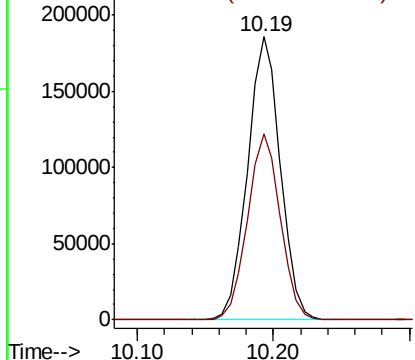


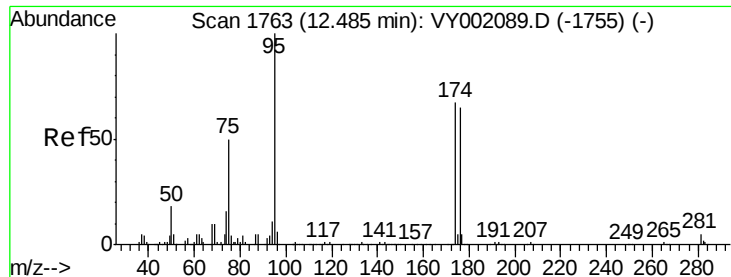
#50
Toluene-d8
Concen: 52.672 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Tgt Ion: 98 Resp: 313728
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4



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

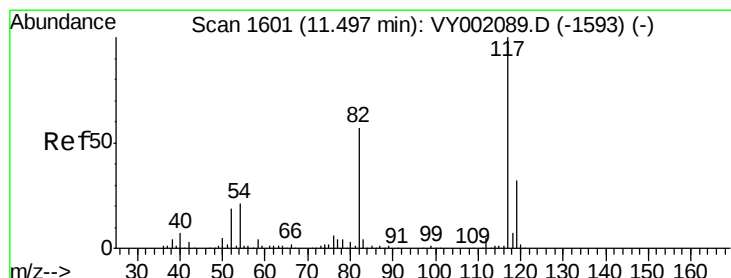
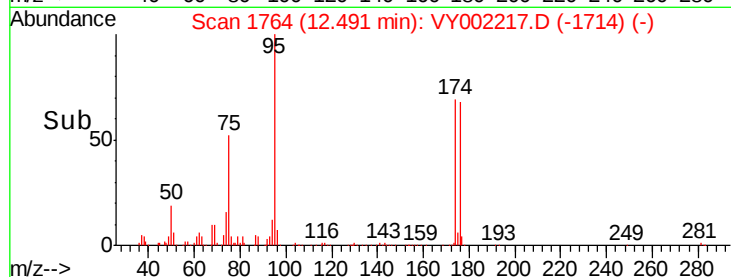
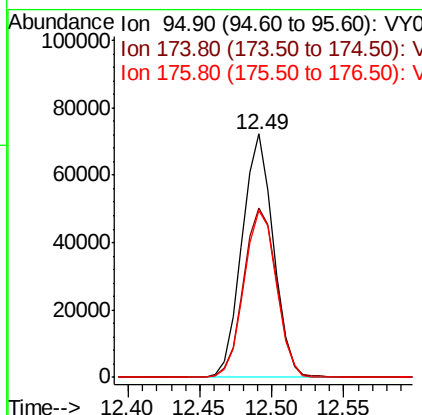
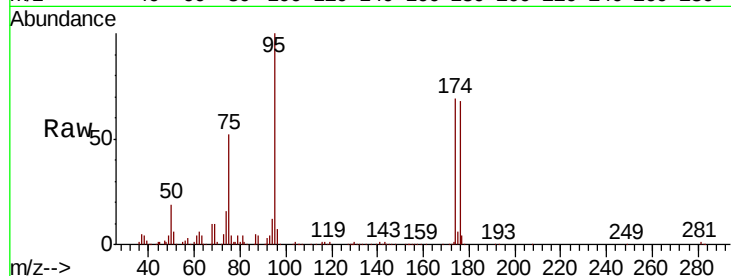




#62
4-Bromofluorobenzene
Concen: 52.181 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

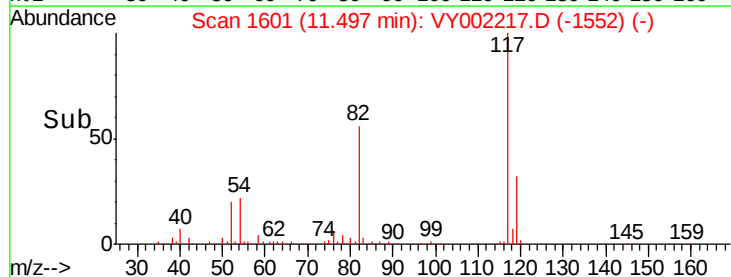
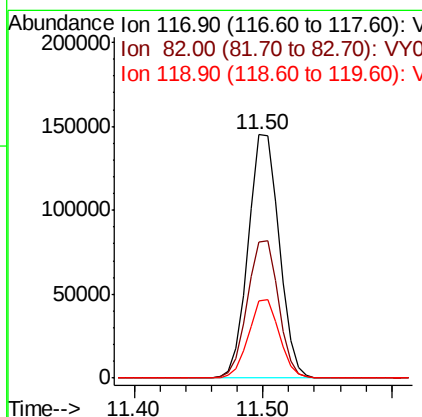
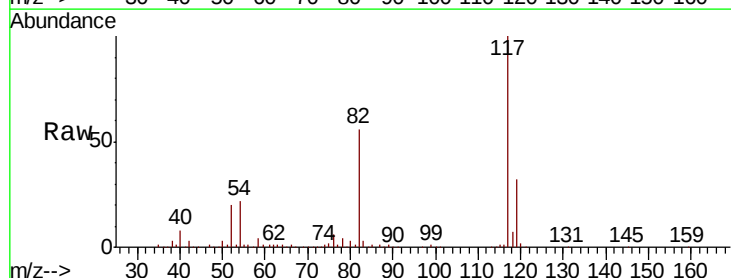
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-040220

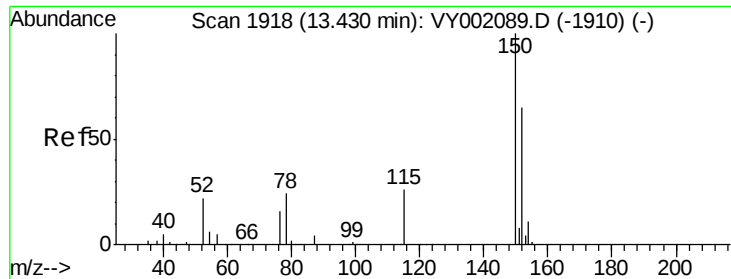
Tot Ion	95	Resp	108699
Ion Ratio	Lower	Upper	
95	100		
174	73.4	0.0	143.4
176	70.5	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Tgt Ion	117	Resp	239906
Ion Ratio	Lower	Upper	
117	100		
82	55.7	45.4	68.2
119	31.7	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: VY002217.D

Acq: 03 Apr 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-040220

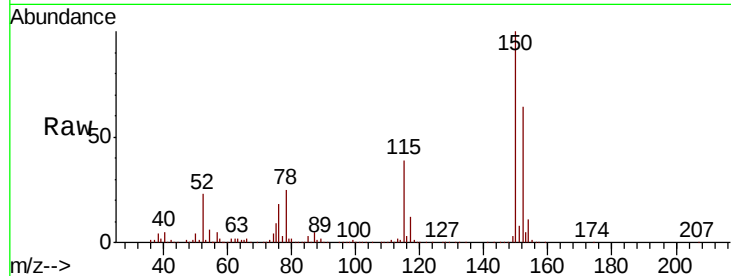
Tot Ion:152 Resp: 105573

Ion Ratio Lower Upper

152 100

115 61.8 31.2 93.6

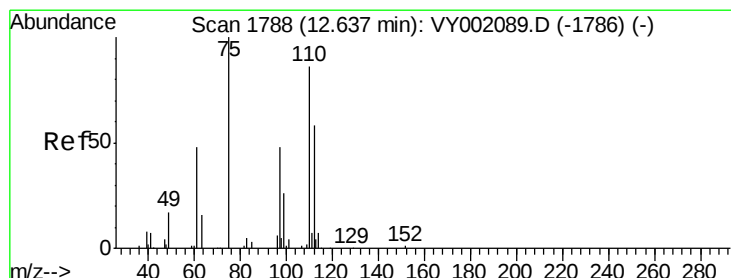
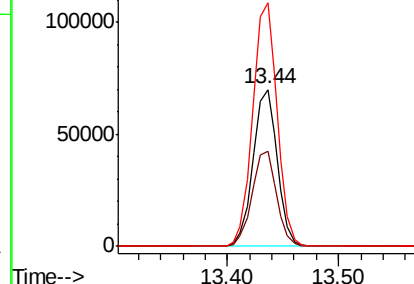
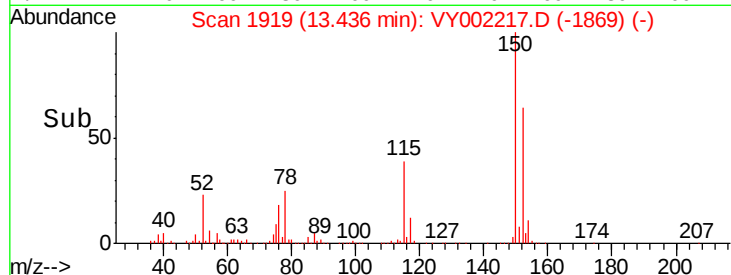
150 157.1 0.0 354.8



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: 47.927 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002217.D

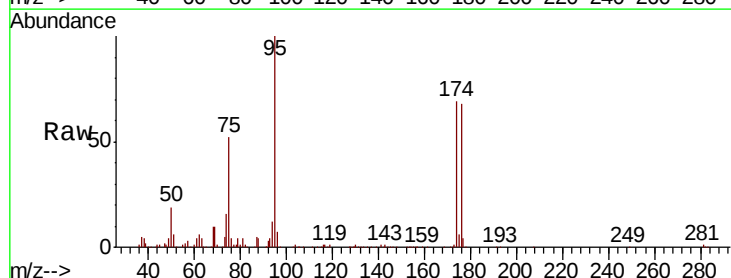
Acq: 03 Apr 2020 14:06

Tgt Ion: 75 Resp: 56599

Ion Ratio Lower Upper

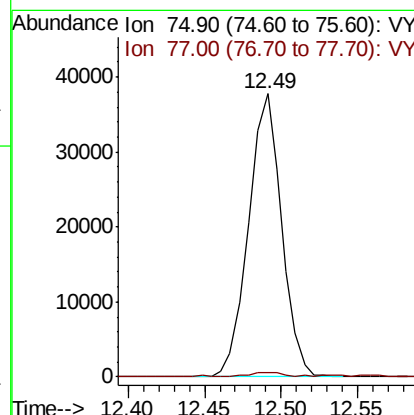
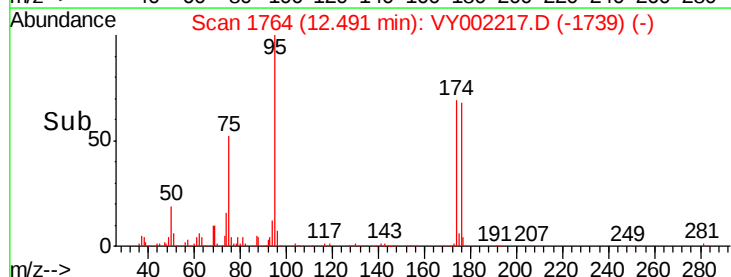
75 100

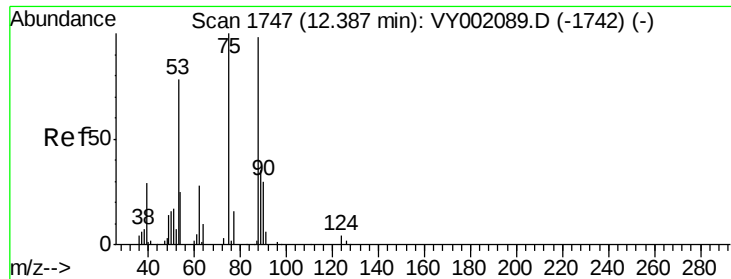
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

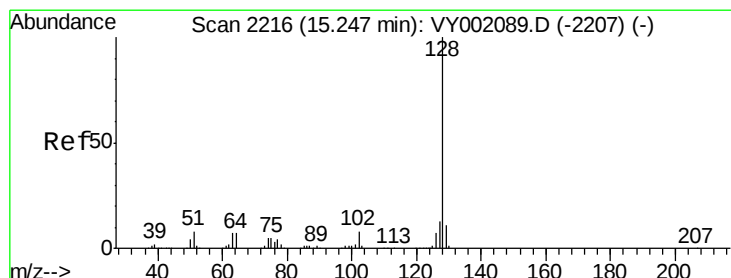
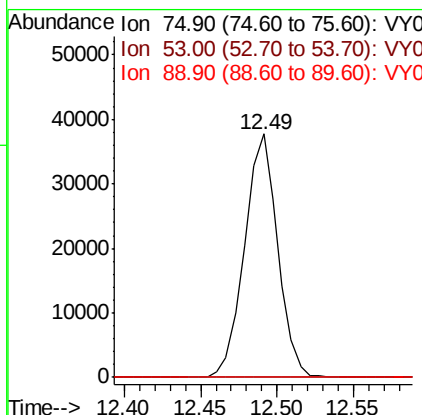
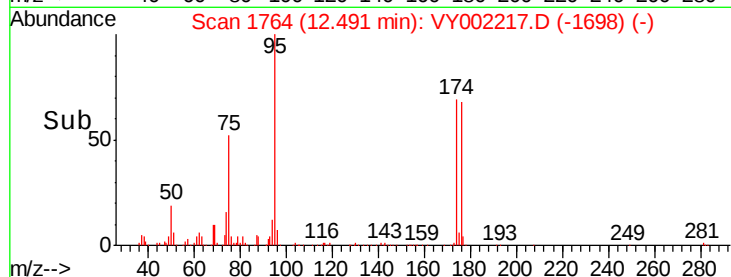
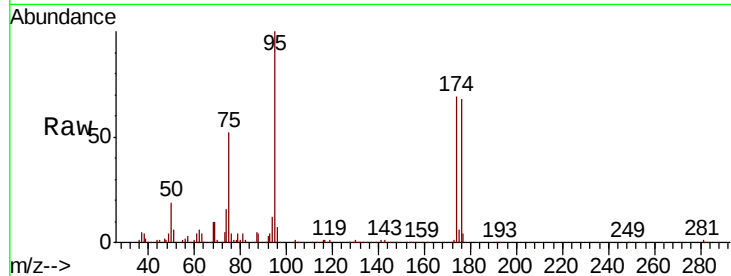




#81
trans-1,4-Dichloro-2-butene
Concen: 92.852 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-040220

Tot Ion: 75 Resp: 56599
Ion Ratio Lower Upper
75 100
53 0.0 65.0 97.4#
89 0.0 33.4 50.0#



#95
Naphthalene
Concen: 1.830 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002217.D
Acq: 03 Apr 2020 14:06

Tgt Ion: 128 Resp: 8460
Ion Ratio Lower Upper
128 100
127 13.9 9.8 14.8
129 15.1 8.6 13.0#

