

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003417.D
 Acq On : 03 Aug 2020 15:15
 Operator : SY/MD
 Sample : L3521-07
 Misc : 7.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-CD

Quant Time: Aug 04 01:33:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

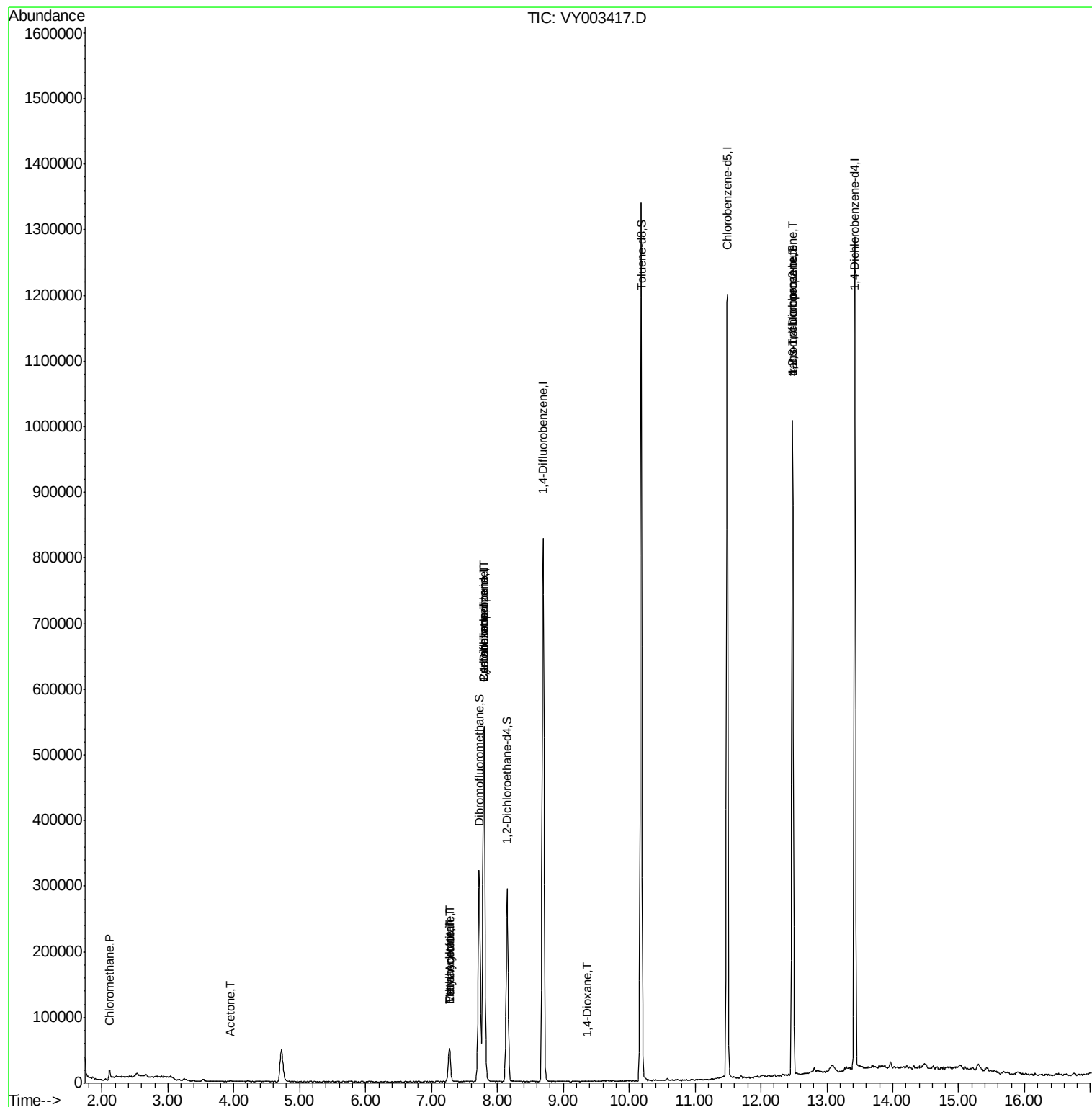
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	460111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	717043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	662252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	330307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	229909	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	7.72	113	221448	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.18	98	874851	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.48	95	288111	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	9947	1.928	ug/l	99
11) Tert butyl alcohol	4.96	59	47	Below Cal	#	73
16) Acetone	3.94	43	1835	1.698	ug/l #	82
20) Methylene Chloride	4.72	84	39029	Below Cal		91
29) Tetrahydrofuran	7.27	42	6530	6.076	ug/l #	34
31) Cyclohexane	7.80	56	9047	1.167	ug/l #	38
36) 1,1-Dichloropropene	7.79	75	31533	4.647	ug/l #	41
37) Ethyl Acetate	7.27	43	49424	12.810	ug/l #	69
38) Carbon Tetrachloride	7.79	117	40767	5.839	ug/l #	17
41) Methacrylonitrile	7.27	41	25976	11.744	ug/l #	46
49) 1,4-Dioxane	9.37	88	58	1.620	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	147126	49.582	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	147126	93.772	ug/l #	15

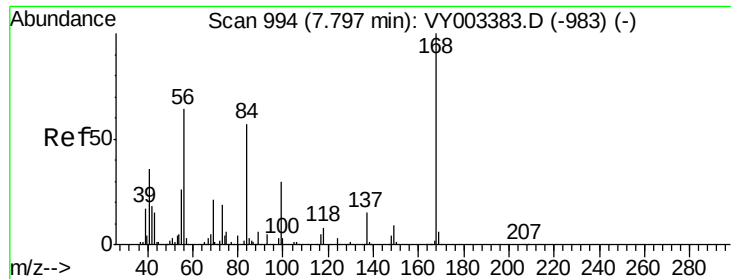
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003417.D

Acq: 03 Aug 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

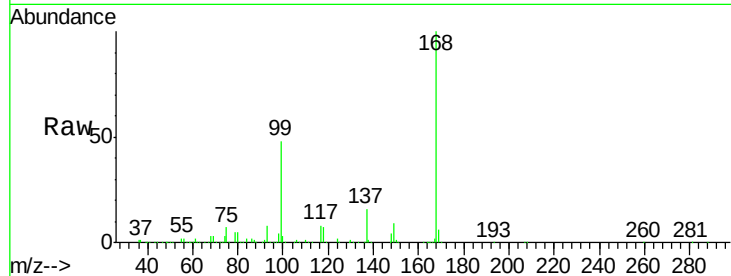
COMP-CD

Tot Ion:168 Resp: 460111

Ion Ratio Lower Upper

168 100

99 47.9 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

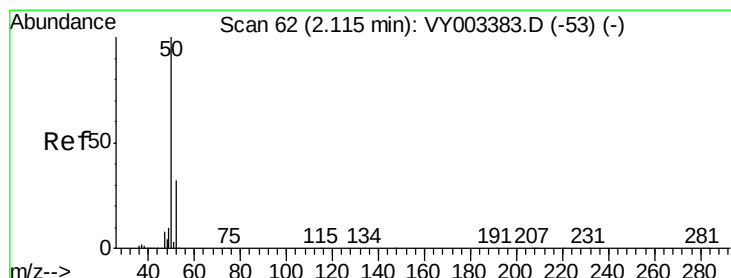
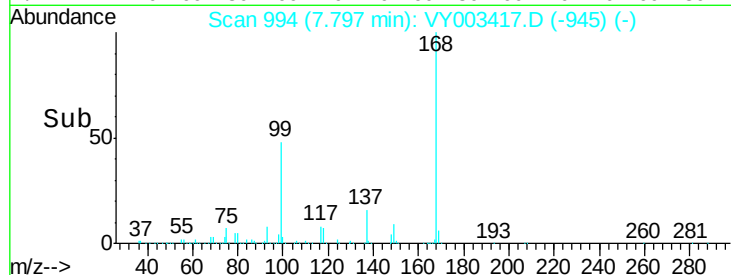
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.928 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003417.D

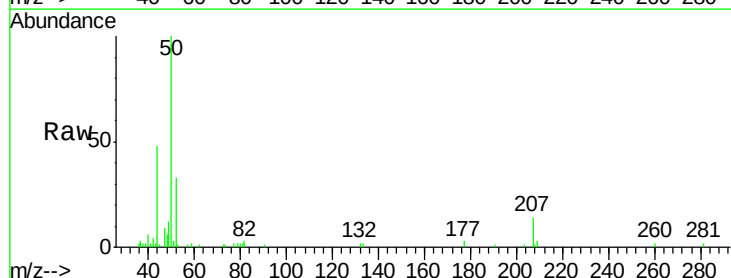
Acq: 03 Aug 2020 15:15

Tgt Ion: 50 Resp: 9947

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.12

8000

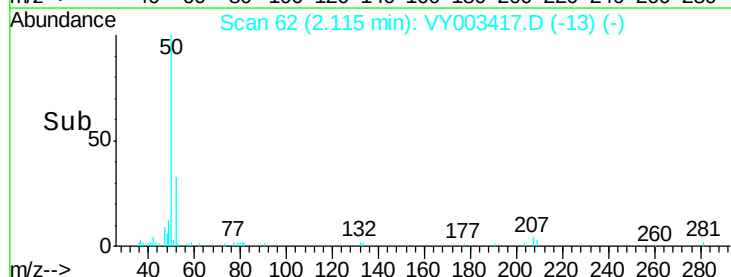
6000

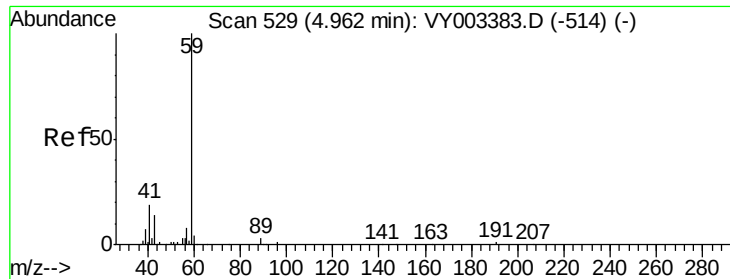
4000

2000

0

Time-->



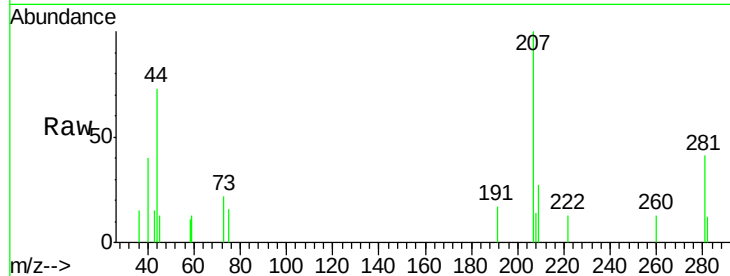


#11

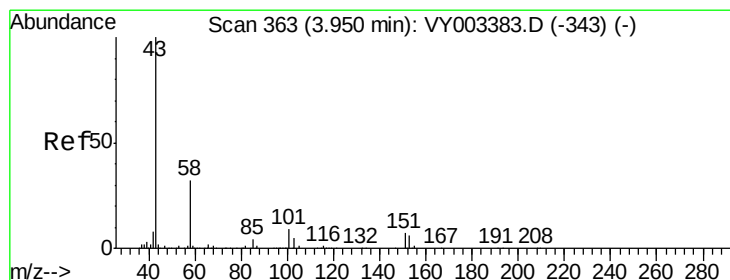
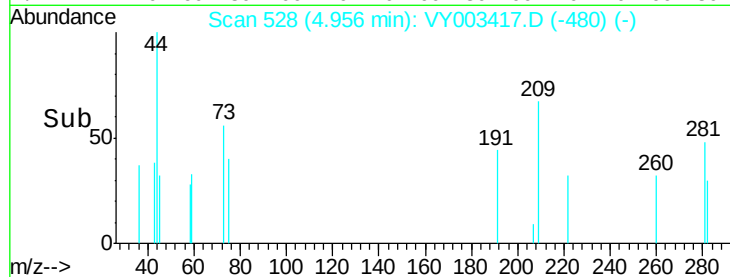
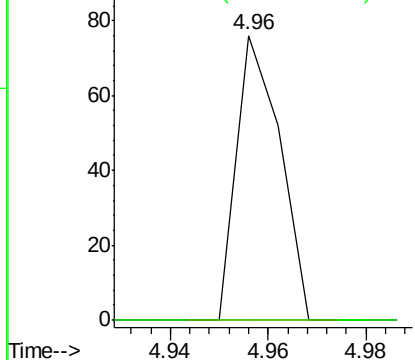
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-CD

Tot Ion: 59 Resp: 47
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#



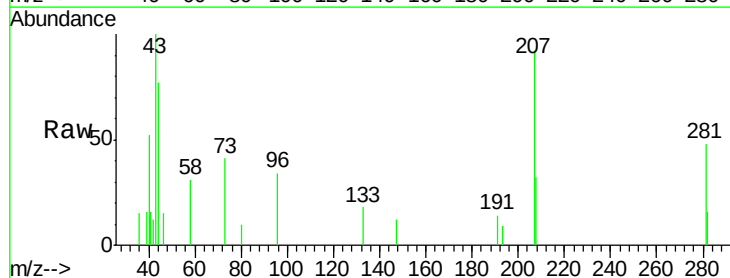
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



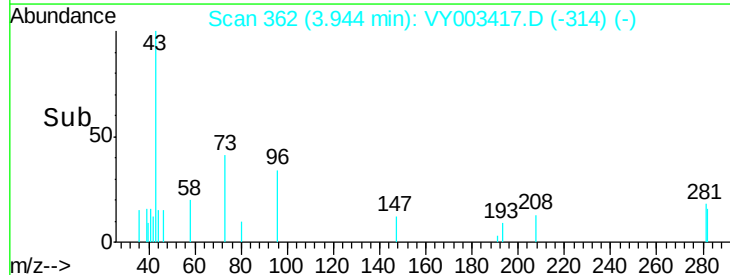
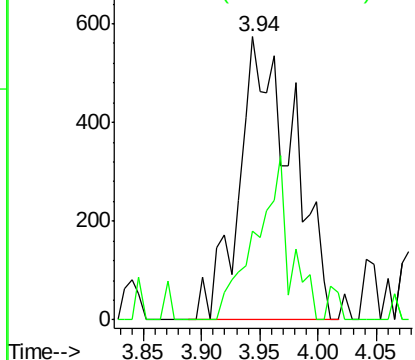
#16

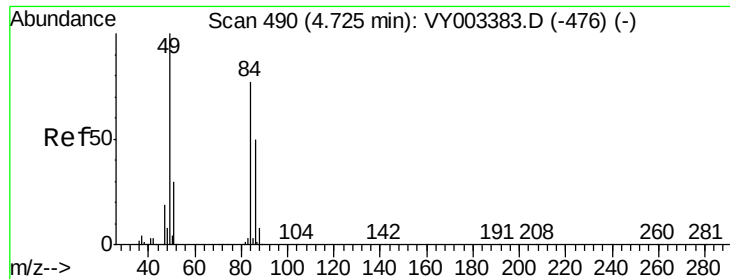
Acetone
 Concen: 1.698 ug/l
 RT: 3.94 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

Tgt Ion: 43 Resp: 1835
 Ion Ratio Lower Upper
 43 100
 58 21.6 25.4 38.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

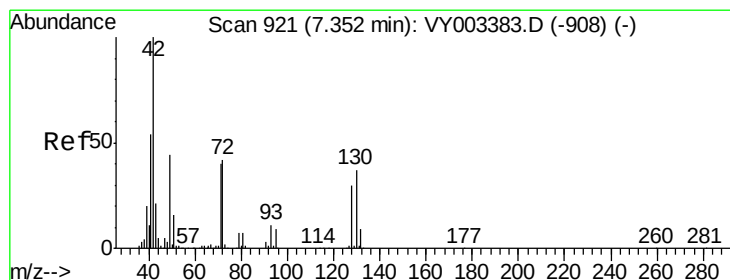
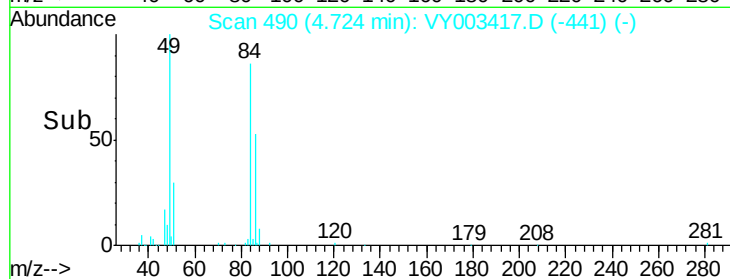
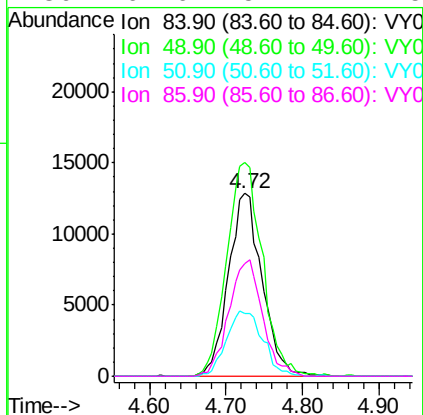
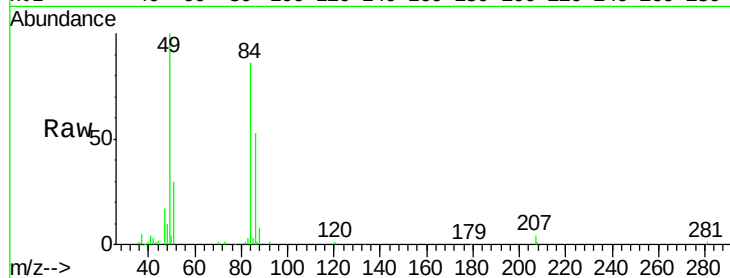




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

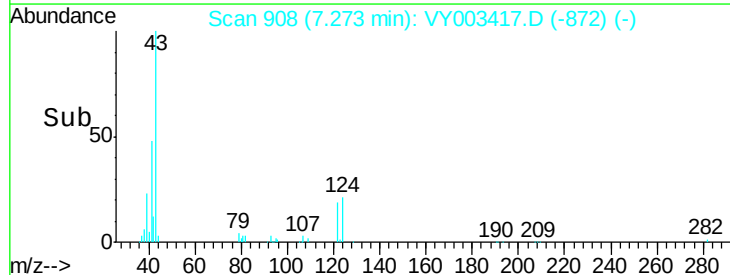
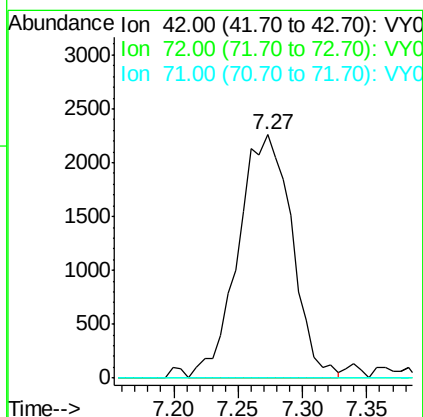
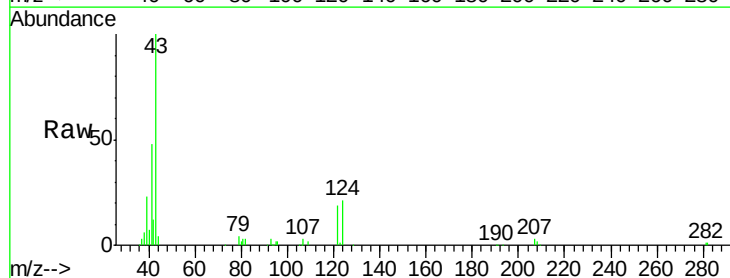
Instrument :
MSVOA_Y
ClientSampleId :
COMP-CD

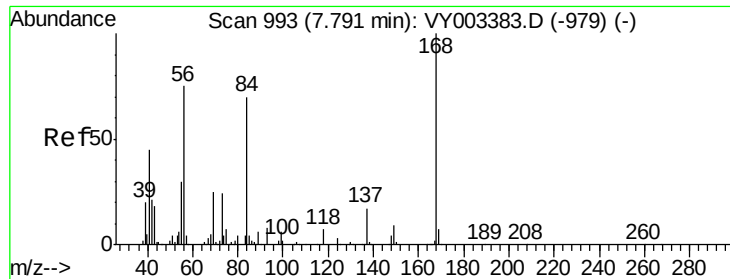
Tot Ion: 84 Resp: 39029
Ion Ratio Lower Upper
84 100
49 116.9 104.2 156.4
51 34.7 31.5 47.3
86 61.6 51.7 77.5



#29
Tetrahydrofuran
Concen: 6.076 ug/l
RT: 7.27 min Scan# 908
Delta R.T. -0.08 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Tgt Ion: 42 Resp: 6530
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.1 48.1#

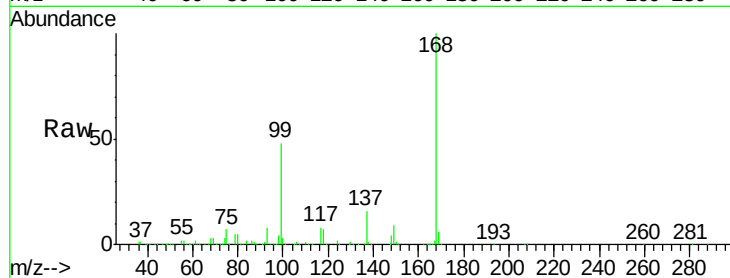




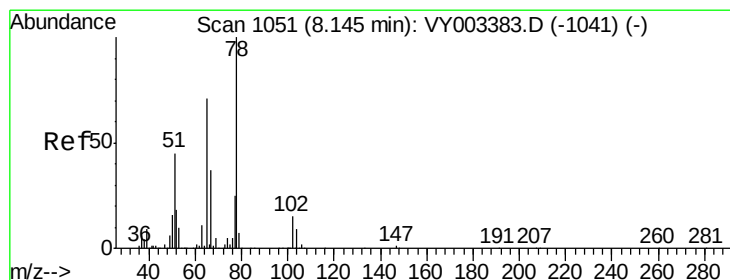
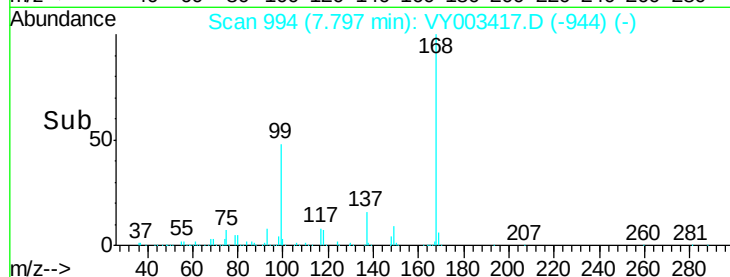
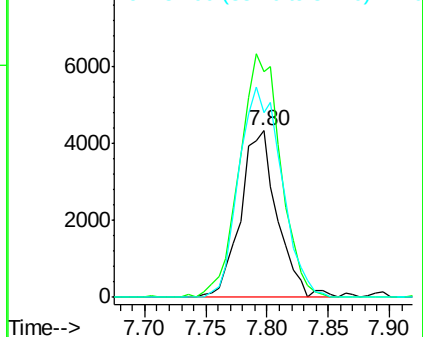
#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :
COMP-CD

Tot Ion: 56 Resp: 9047
Ion Ratio Lower Upper
56 100
69 135.1 26.1 39.1#
84 110.9 73.9 110.9

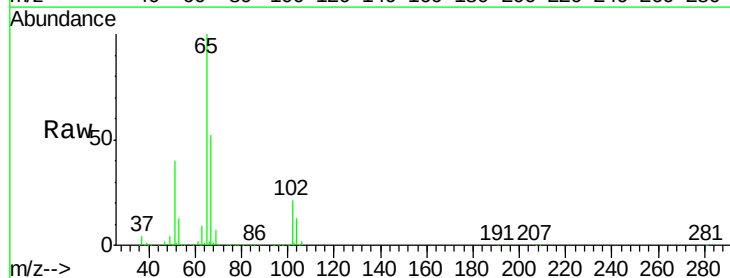


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

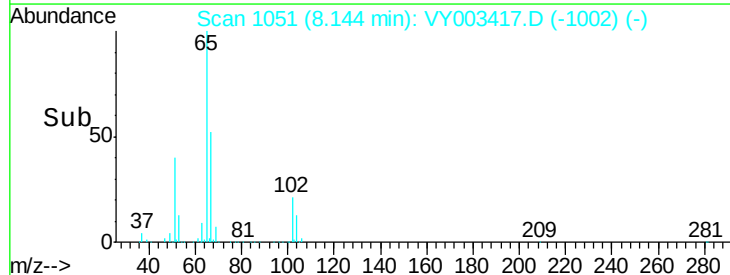
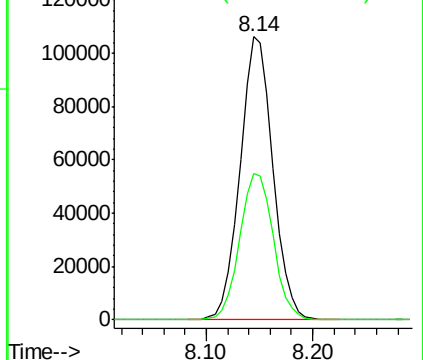


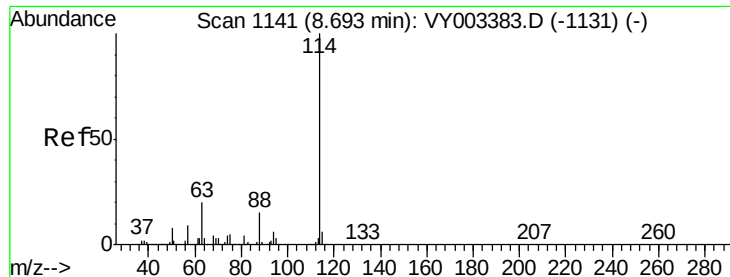
#33
1,2-Dichloroethane-d4
Concen: 52.553 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Tgt Ion: 65 Resp: 229909
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6



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

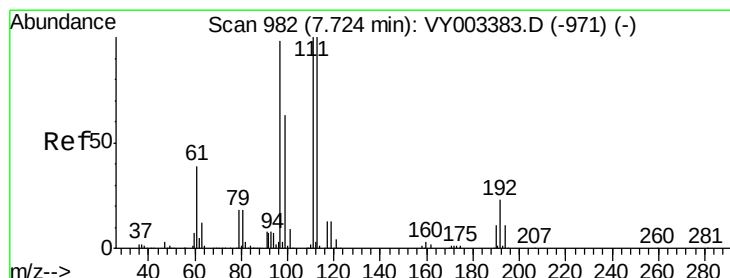
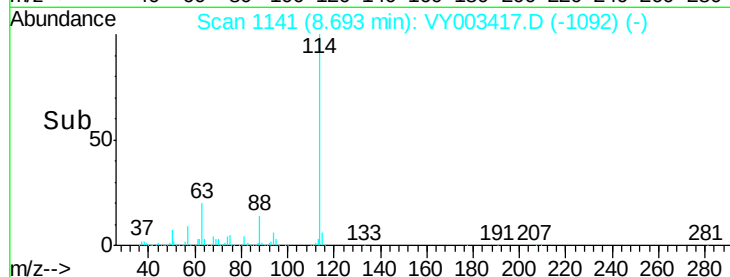
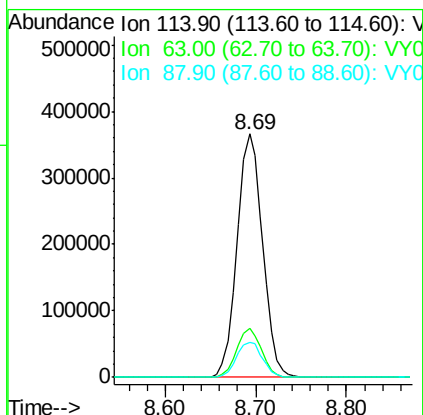
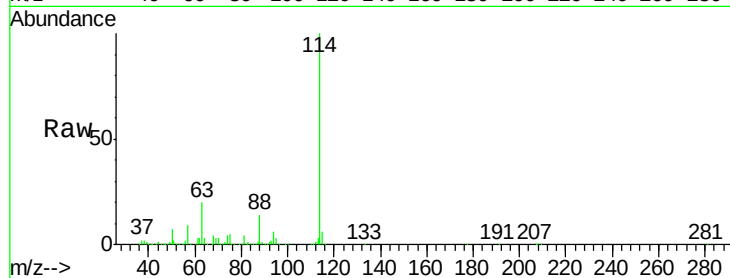




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

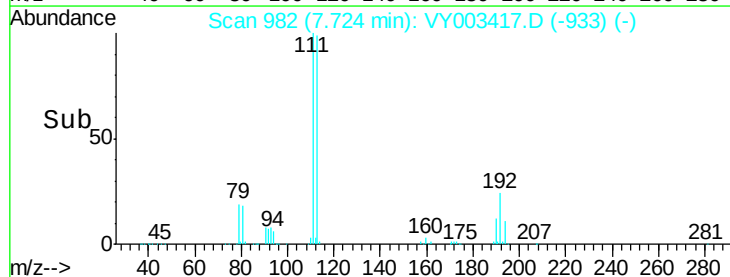
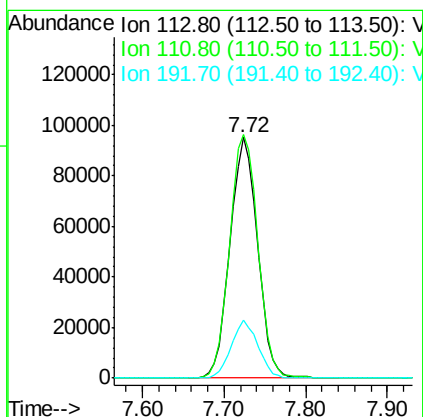
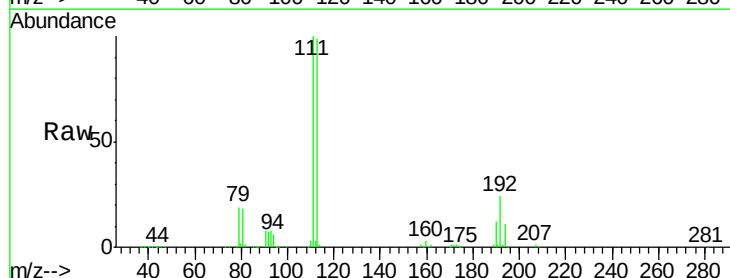
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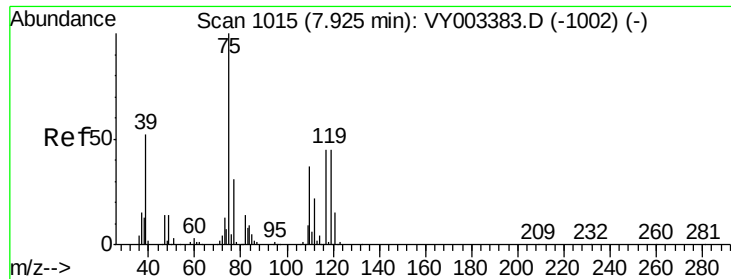
Tot Ion:114 Resp: 717043
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 14.5 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.428 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

Tgt Ion:113 Resp: 221448
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.0 124.4
 192 23.3 18.8 28.2

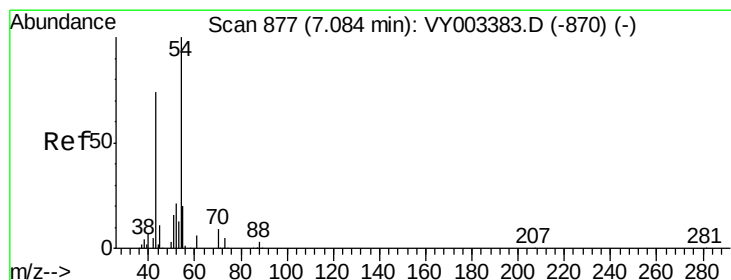
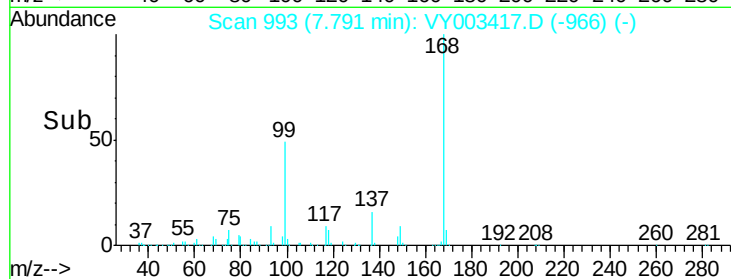
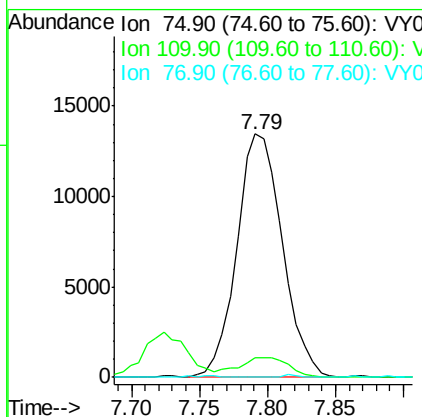
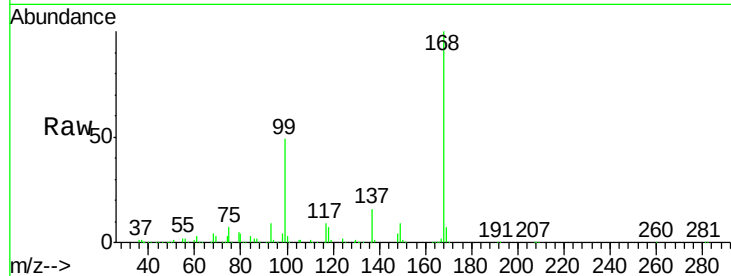




#36
 1,1-Dichloropropene
 Concen: 4.647 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

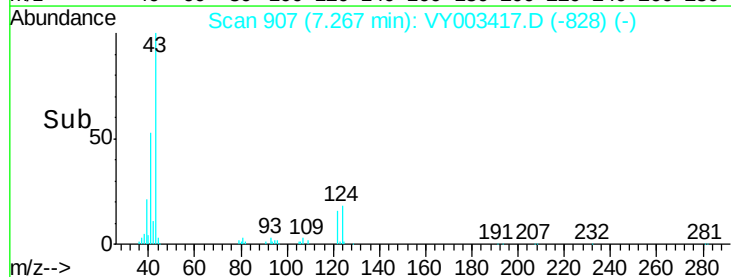
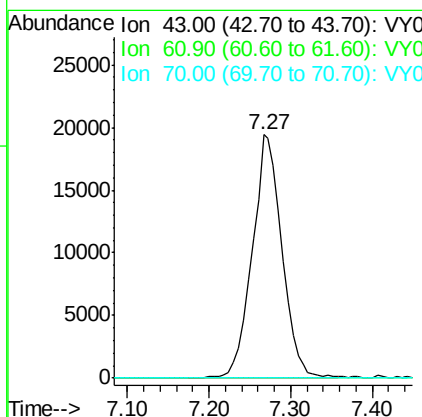
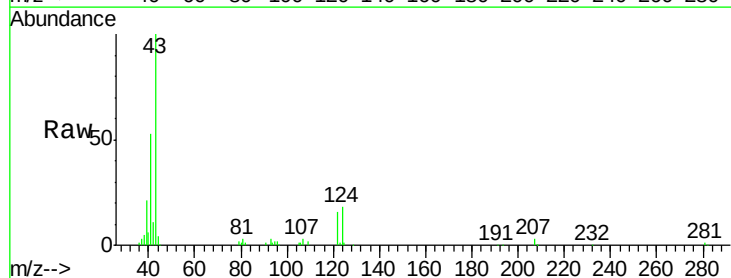
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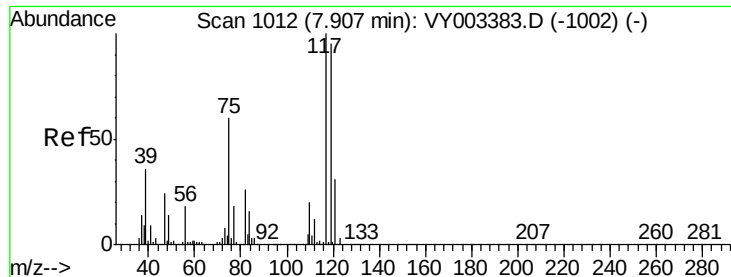
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.8	53.5#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 12.810 ug/l
 RT: 7.27 min Scan# 907
 Delta R.T. 0.18 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	7.7	11.5#

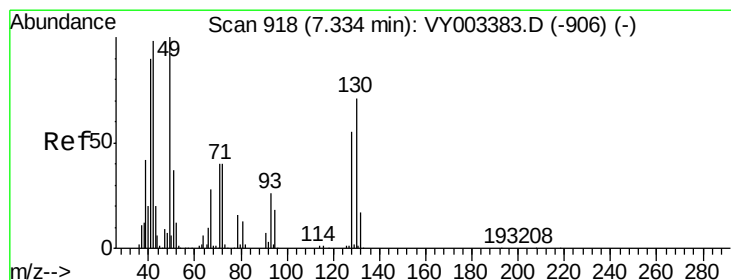
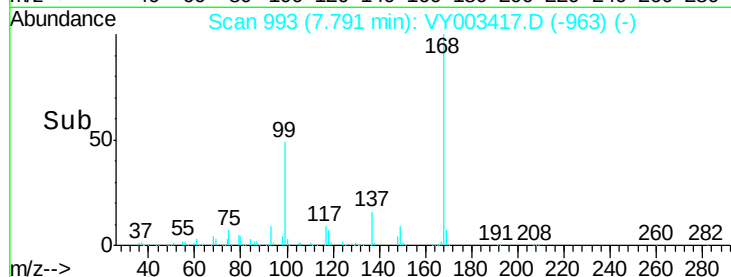
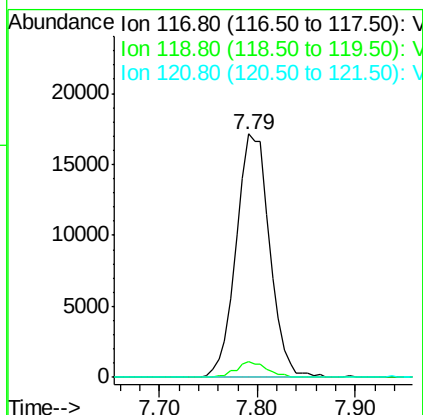
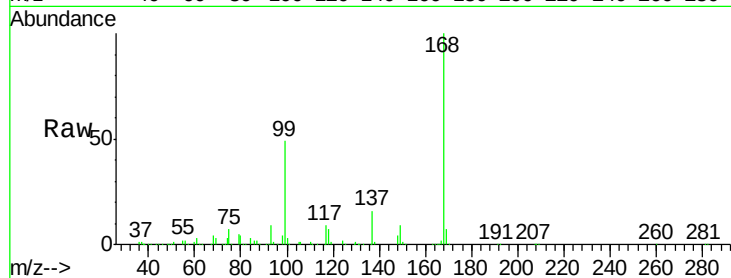




#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

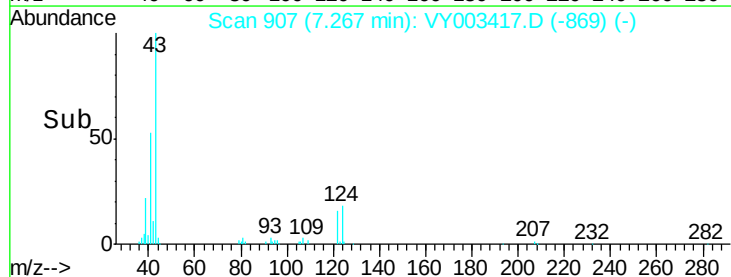
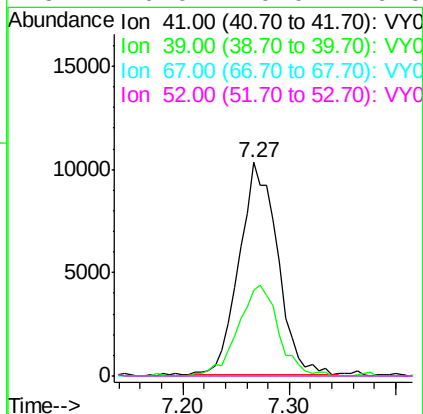
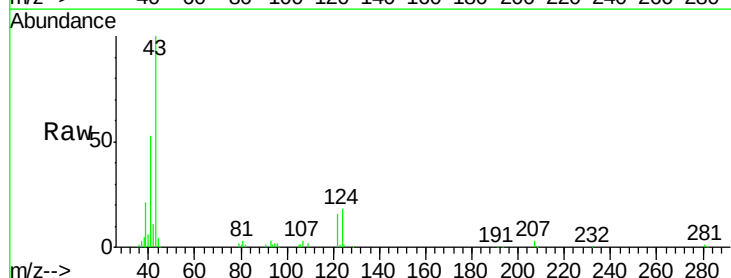
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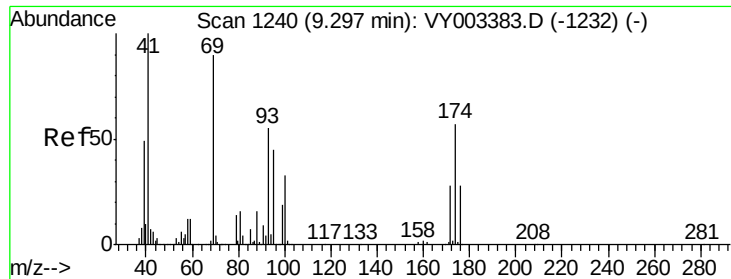
Tot Ion:117 Resp: 40767
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 11.744 ug/l
RT: 7.27 min Scan# 907
Delta R.T. -0.07 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Tgt Ion: 41 Resp: 25976
Ion Ratio Lower Upper
41 100
39 44.9 78.3 117.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

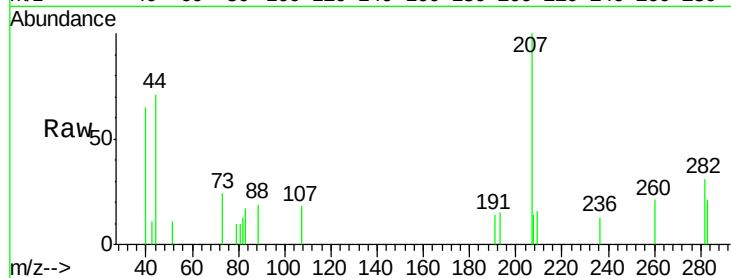




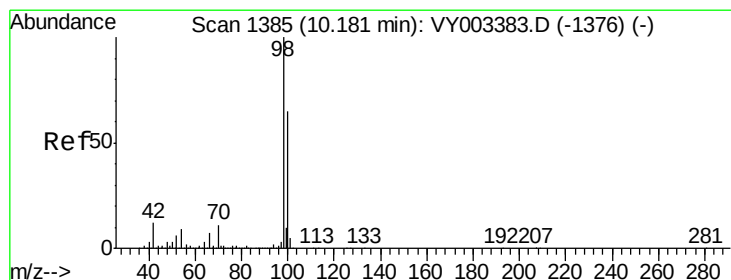
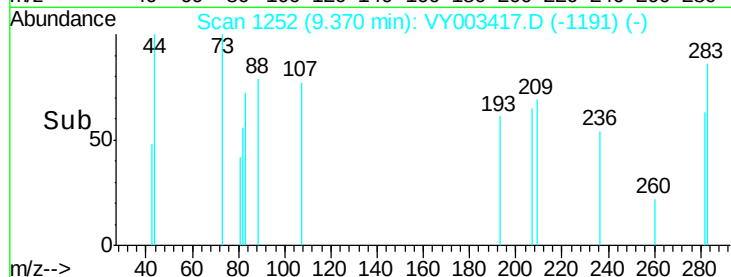
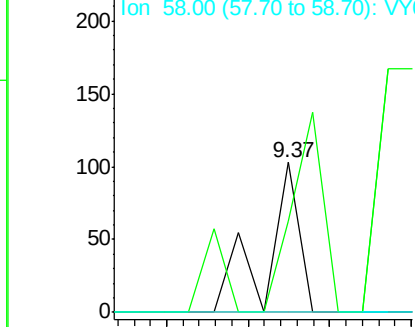
#49
1,4-Dioxane
Concen: 1.620 ug/l
RT: 9.37 min Scan# 1252
Delta R.T. 0.07 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :
COMP-CD

Tot Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 125.9 24.9 37.3#
58 0.0 54.3 81.5#

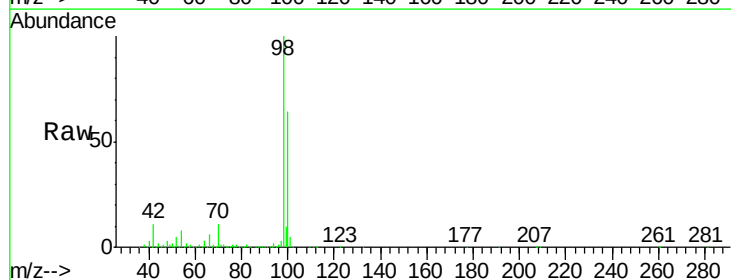


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

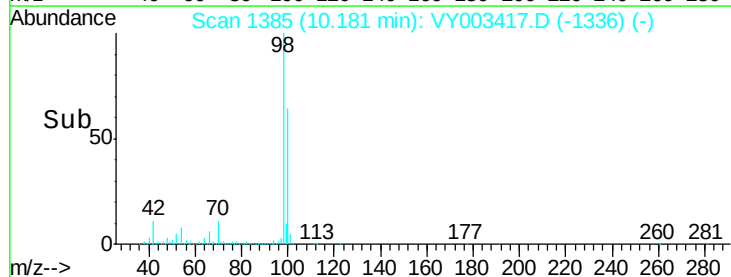
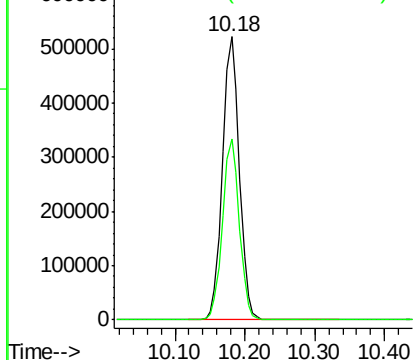


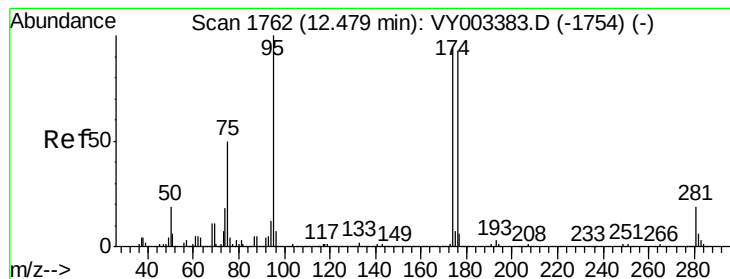
#50
Toluene-d8
Concen: 52.894 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Tgt Ion: 98 Resp: 874851
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



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





#62

4-Bromofluorobenzene

Concen: 50.982 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003417.D

Acq: 03 Aug 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

COMP-CD

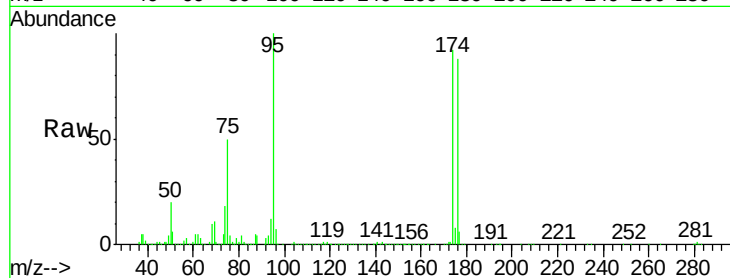
Tot Ion: 95 Resp: 288111

Ion Ratio Lower Upper

95 100

174 95.1 0.0 190.0

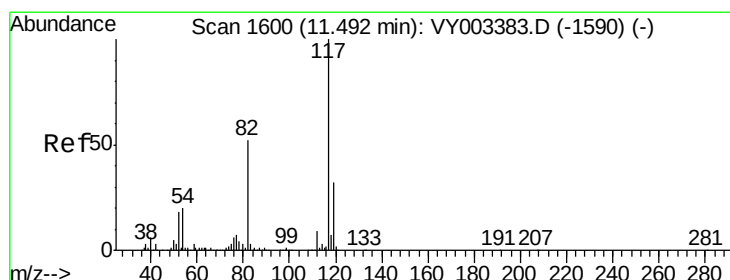
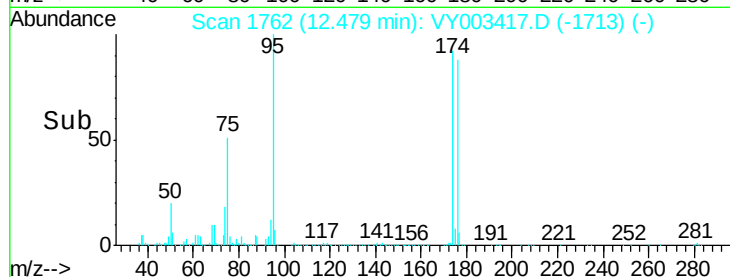
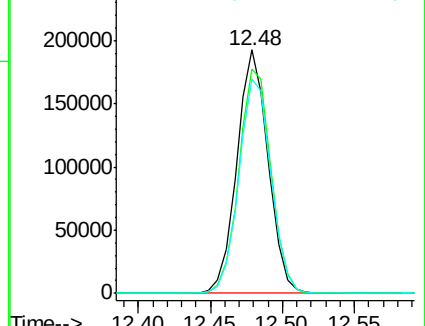
176 90.9 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY003417.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003417.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003417.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003417.D

Acq: 03 Aug 2020 15:15

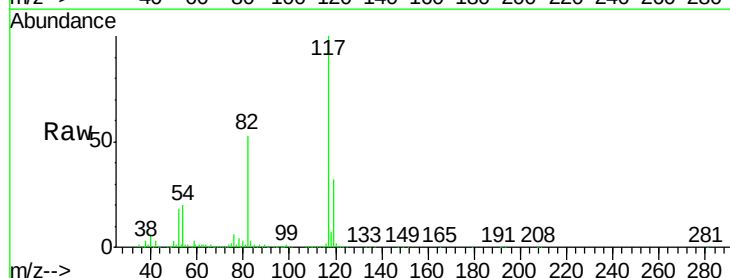
Tgt Ion: 117 Resp: 662252

Ion Ratio Lower Upper

117 100

82 53.1 41.9 62.9

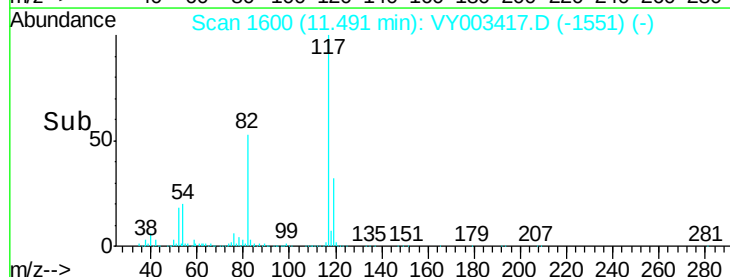
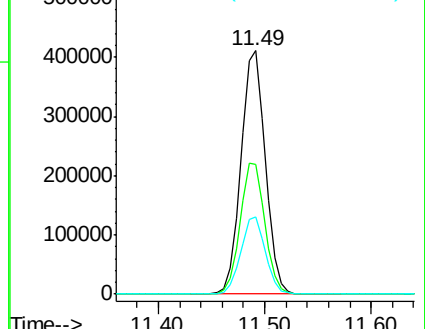
119 31.8 25.4 38.0

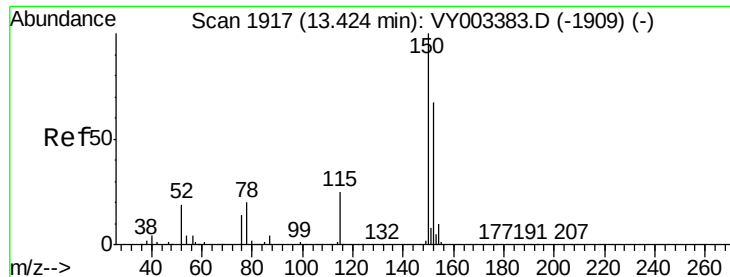


Abundance Ion 116.90 (116.60 to 117.60): VY003417.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003417.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003417.D (-1551) (-)



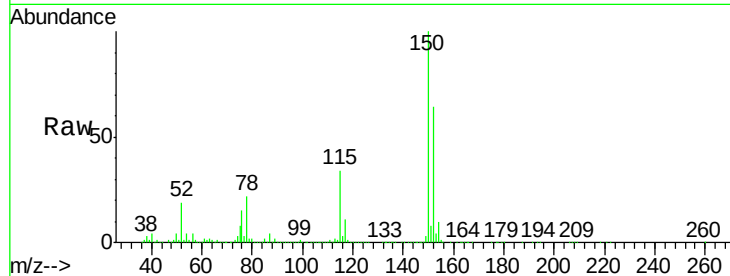


#72

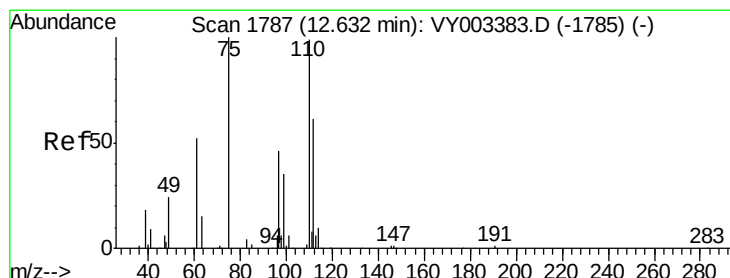
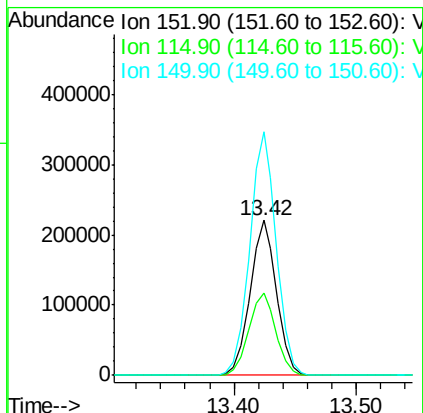
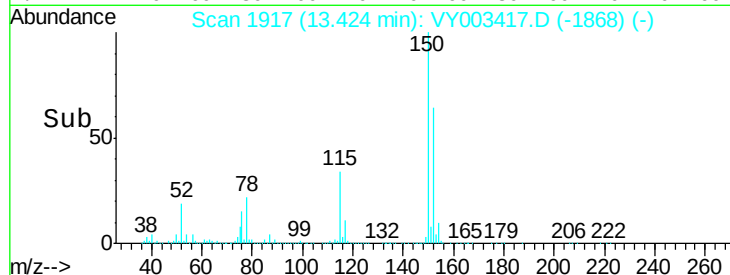
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :
COMP-CD

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.2	81.5
150	157.0	0.0	346.8



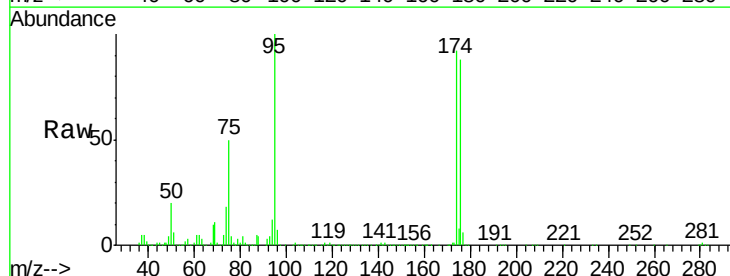
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



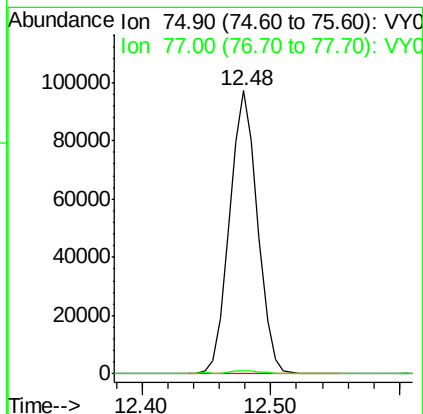
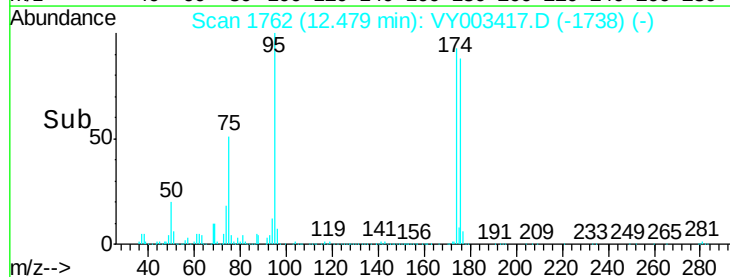
#76

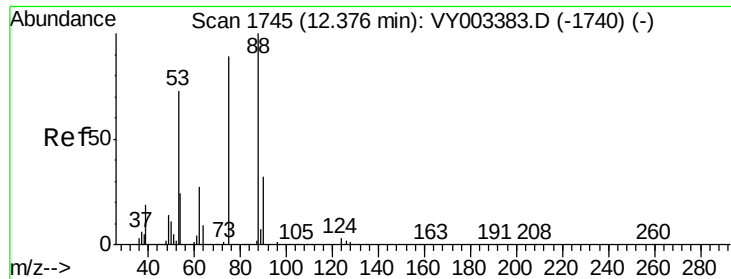
1,2,3-Trichloropropane
Concen: 49.582 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Tgt 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: 93.772 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003417.D

Acq: 03 Aug 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

COMP-CD

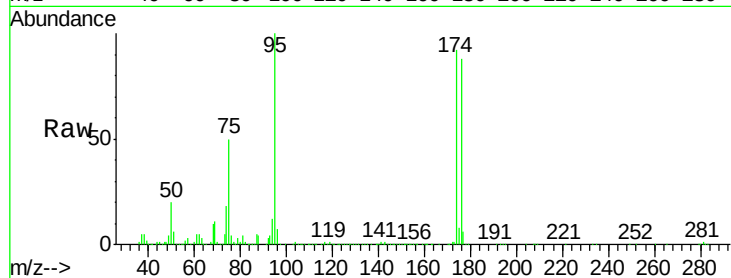
Tot Ion: 75 Resp: 147126

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.1 33.8 50.6#



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

