

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003367.D
 Acq On : 27 Jul 2020 19:51
 Operator : SY/MD
 Sample : L3460-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

Quant Time: Jul 28 05:07:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

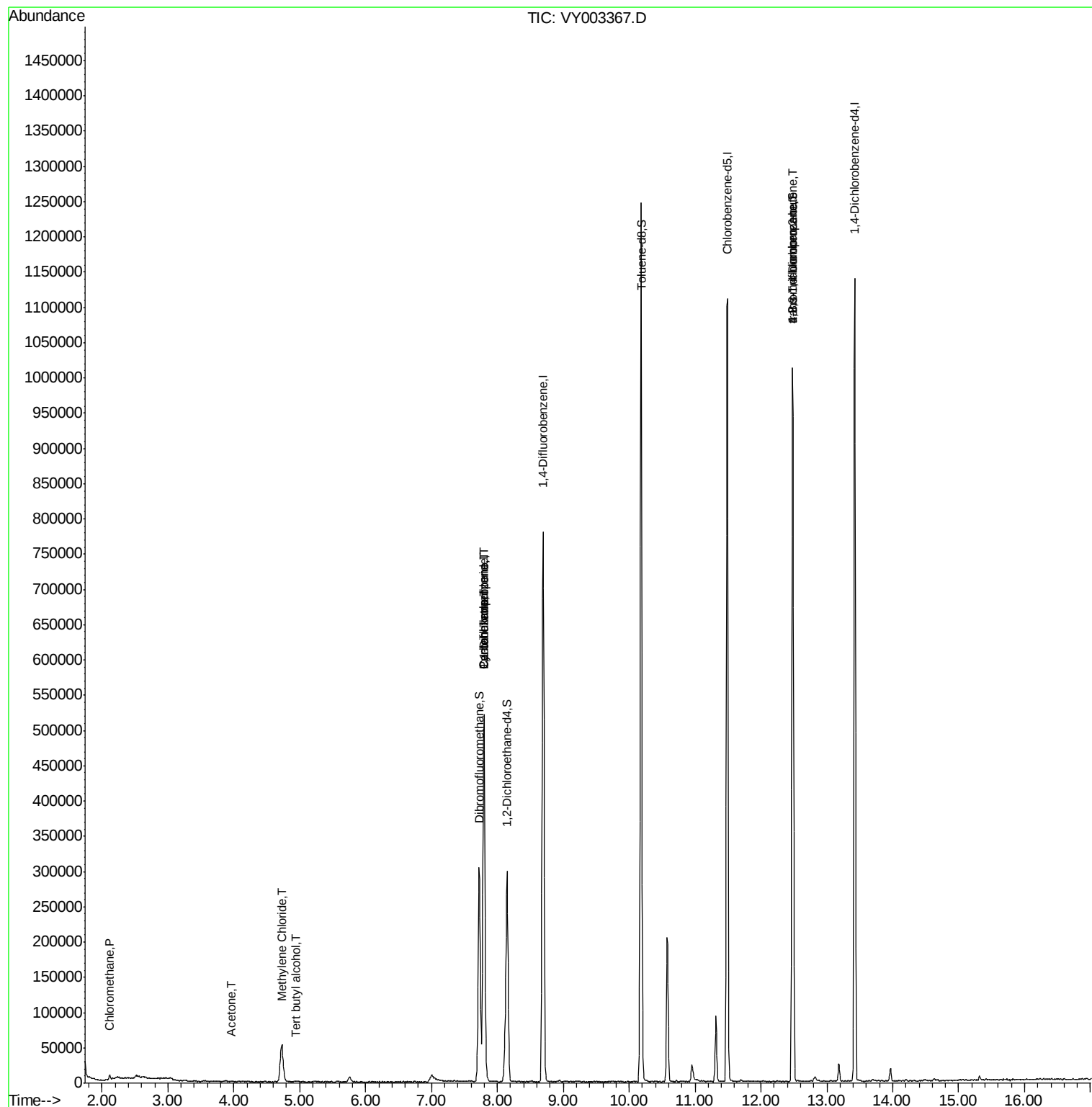
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	424792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	670908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	620720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	298377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	218932	61.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.12%	
35) Dibromofluoromethane	7.72	113	209692	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
50) Toluene-d8	10.18	98	812746	56.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.24%	
62) 4-Bromofluorobenzene	12.48	95	259973	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	5324	1.261	ug/l	91
11) Tert butyl alcohol	4.95	59	863	2.226	ug/l #	72
16) Acetone	3.96	43	846	1.056	ug/l	96
20) Methylene Chloride	4.72	84	41574	5.417	ug/l	96
31) Cyclohexane	7.80	56	8052	1.235	ug/l #	12
36) 1,1-Dichloropropene	7.79	75	29105	4.787	ug/l #	50
38) Carbon Tetrachloride	7.80	117	38872	6.192	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	136043	51.509	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	136043	100.246	ug/l #	13

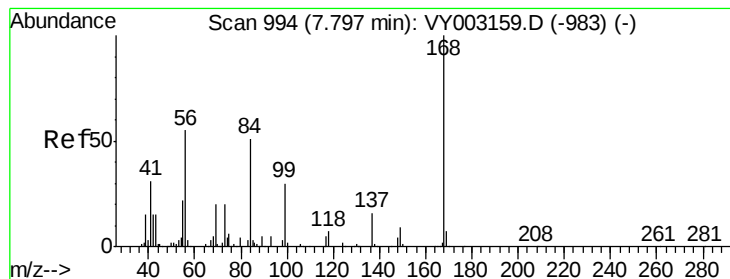
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003367.D

Acq: 27 Jul 2020 19:51

Instrument :

MSVOA_Y

ClientSampleId :

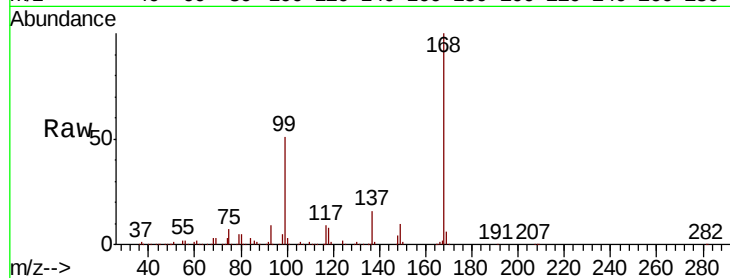
CARLSTADT-TOPSOIL-2020

Tot Ion:168 Resp: 424792

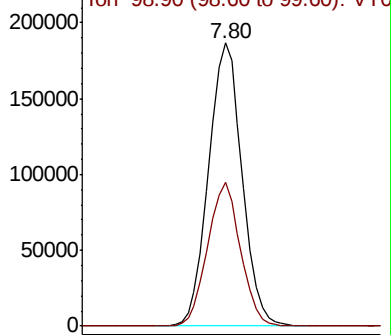
Ion Ratio Lower Upper

168 100

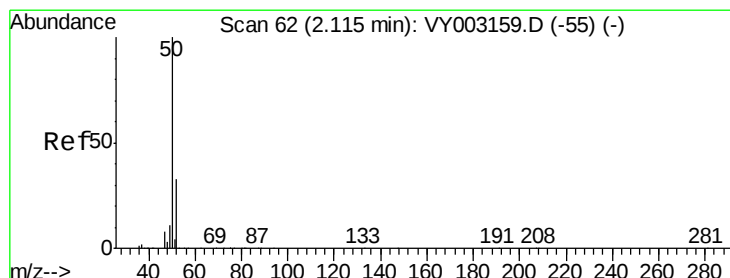
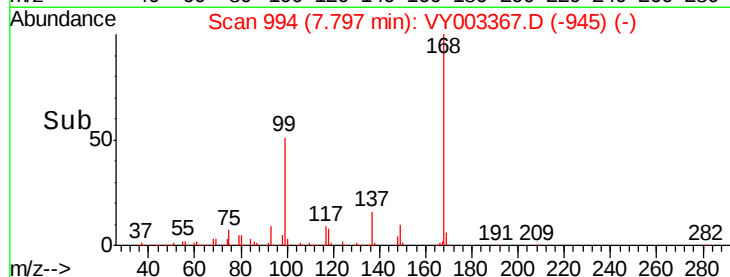
99 50.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003367.D (-945) (-)



Time-->



#3

Chloromethane

Concen: 1.261 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003367.D

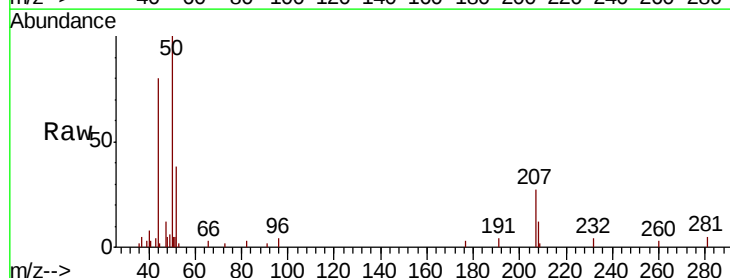
Acq: 27 Jul 2020 19:51

Tgt Ion: 50 Resp: 5324

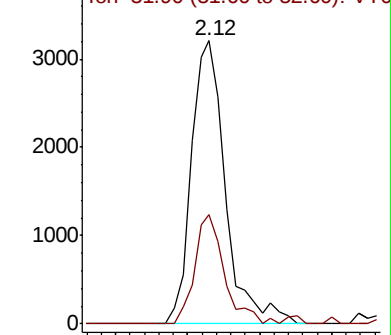
Ion Ratio Lower Upper

50 100

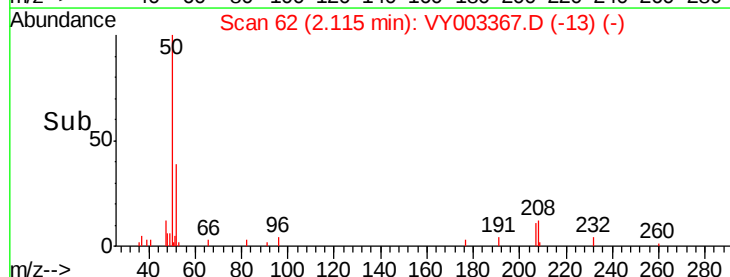
52 38.4 26.6 39.8

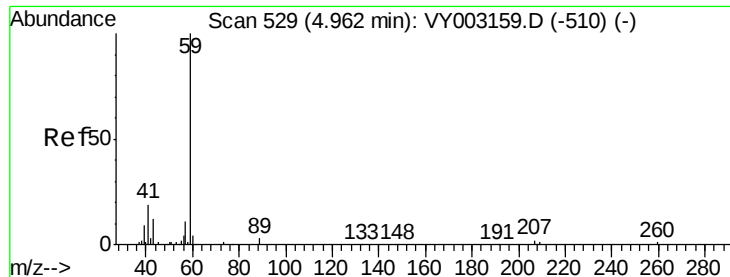


Abundance Ion 49.90 (49.60 to 50.60): VY003367.D (-13) (-)



Time-->

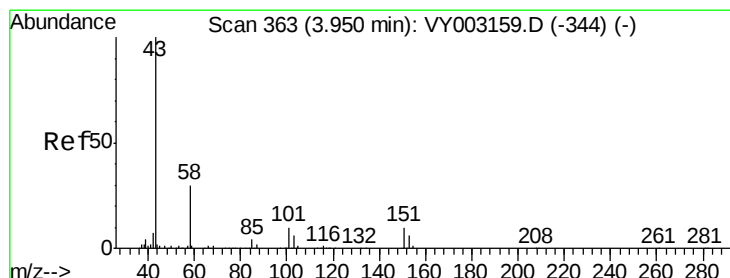
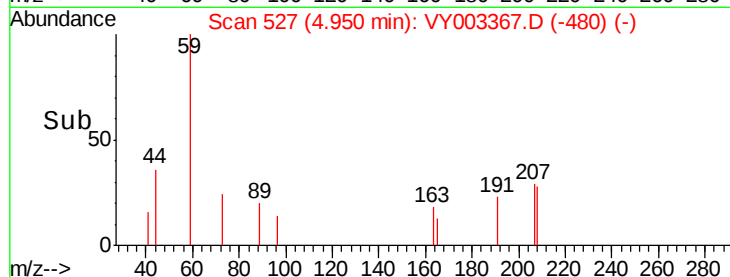
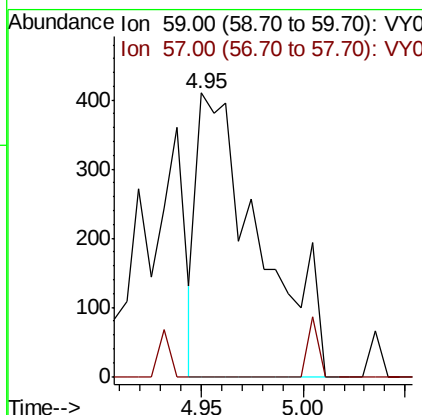
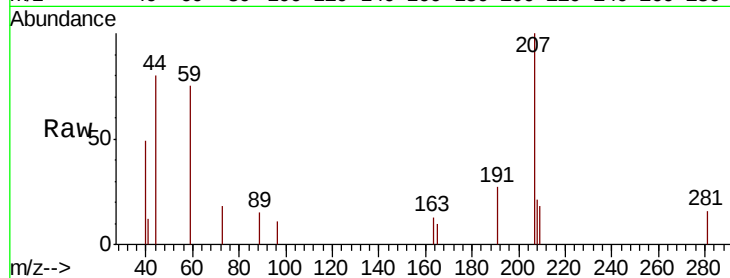




#11
Tert butyl alcohol
Concen: 2.226 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

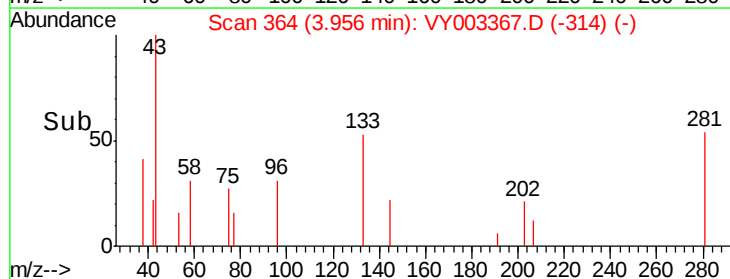
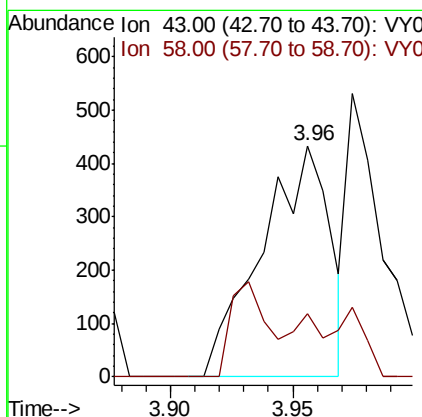
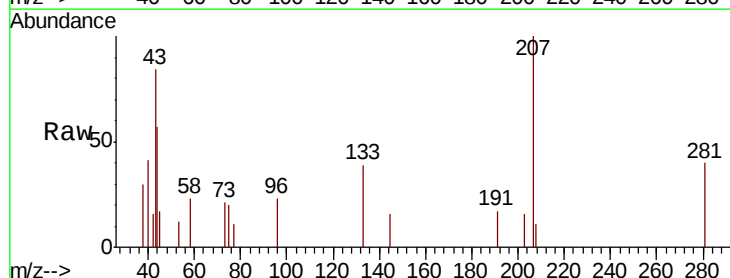
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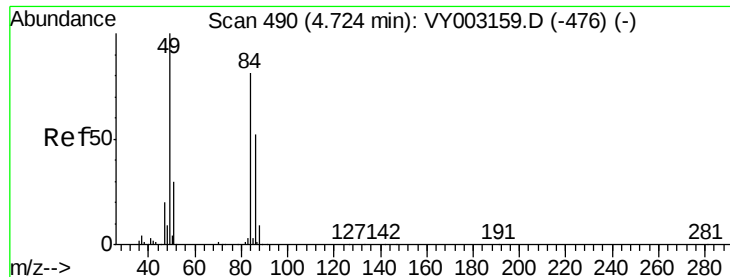
Tot Ion: 59 Resp: 863
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#16
Acetone
Concen: 1.056 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 27.4 23.8 35.6

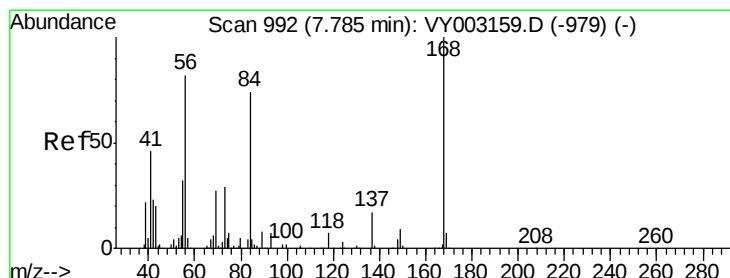
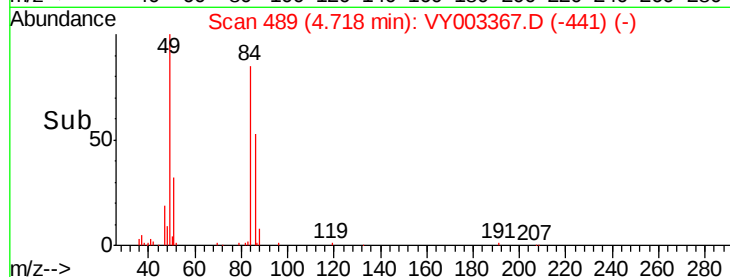
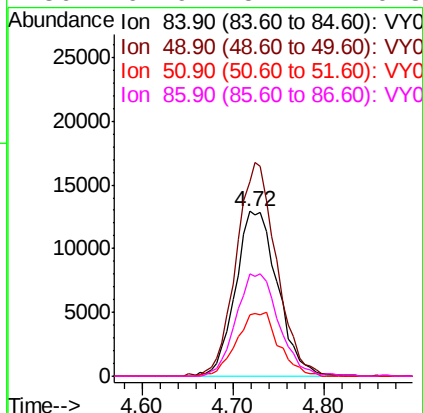
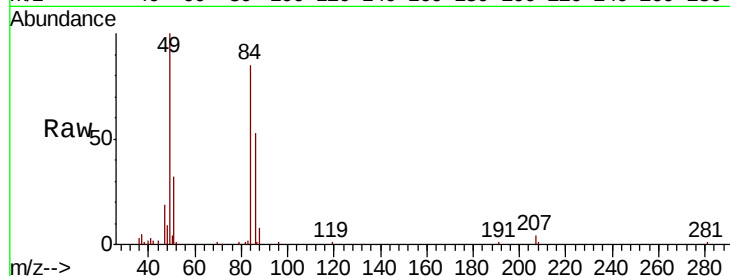




#20
Methvlene Chloride
Concen: 5.417 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

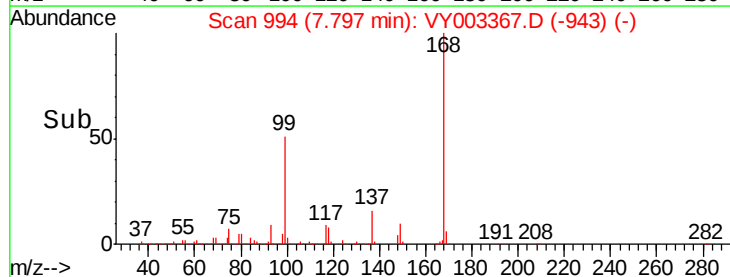
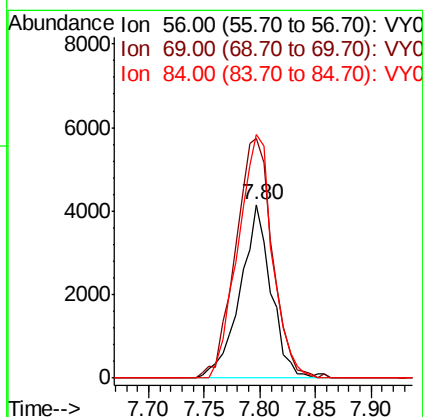
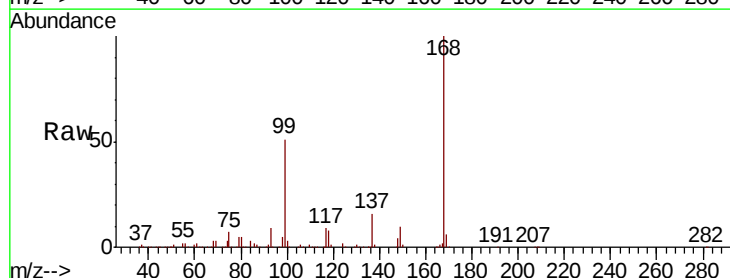
Instrument :
MSVOA_Y
ClientSampleId :
CARLSTADT-TOPSOIL-2020

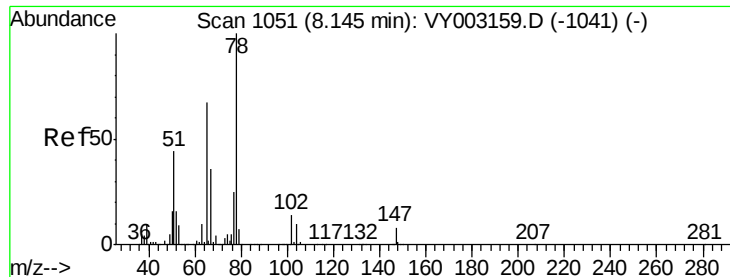
Tot Ion:	84	Resp:	41574
Ion	Ratio	Lower	Upper
84	100		
49	116.8	98.2	147.4
51	37.1	29.8	44.6
86	61.9	51.2	76.8



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Tgt Ion:	56	Resp:	8052
Ion	Ratio	Lower	Upper
56	100		
69	138.2	26.7	40.1#
84	140.5	72.3	108.5#

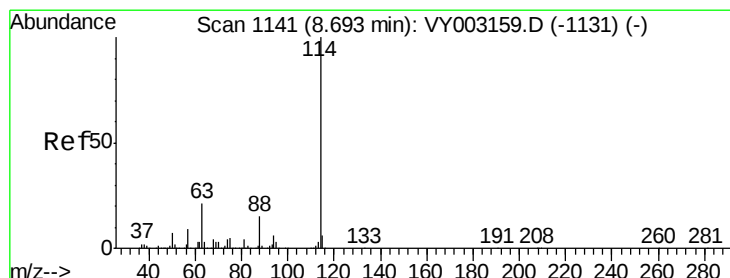
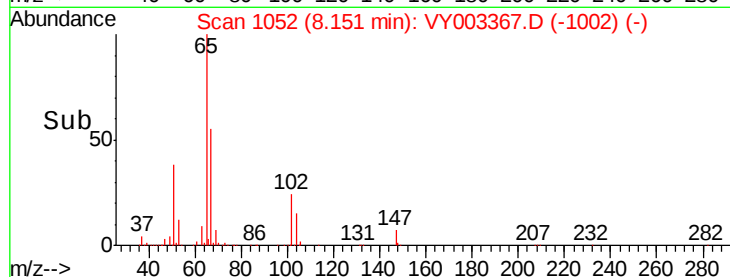
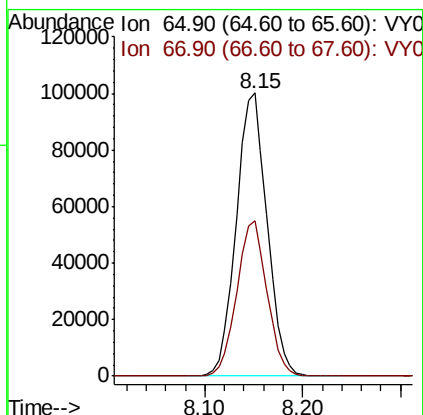
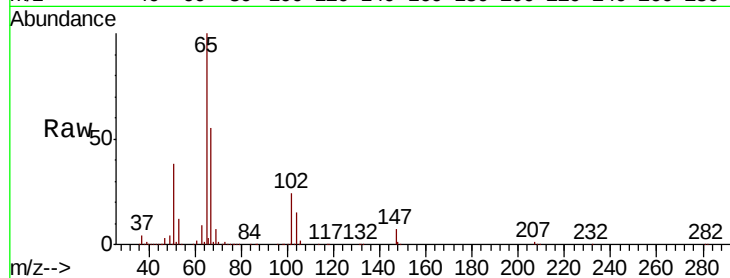




#33
 1,2-Dichloroethane-d4
 Concen: 61.062 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003367.D
 Acq: 27 Jul 2020 19:51

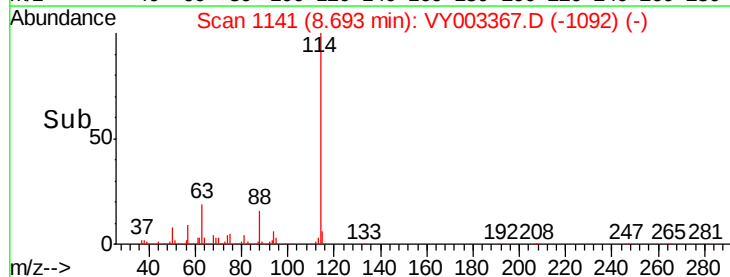
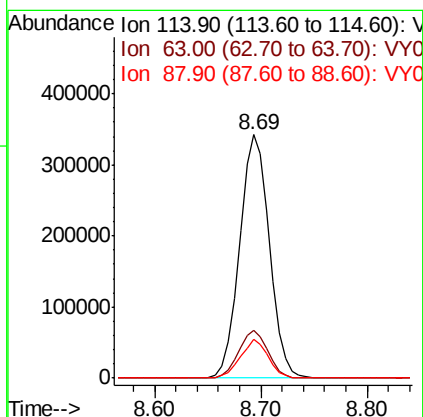
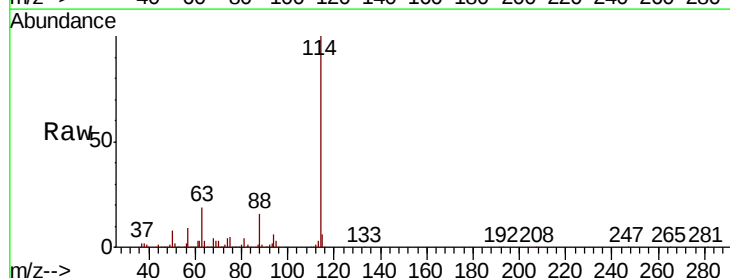
Instrument :
 MSVOA_Y
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

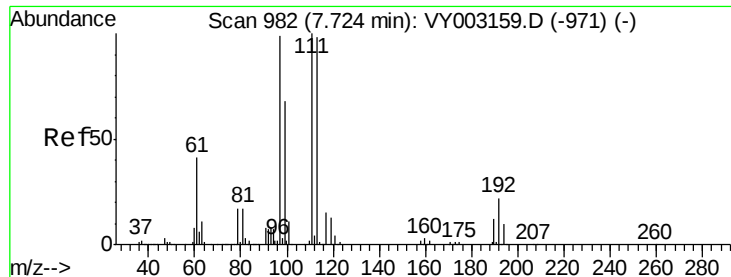
Tot Ion: 65 Resp: 218932
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003367.D
 Acq: 27 Jul 2020 19:51

Tgt Ion: 114 Resp: 670908
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 15.8 0.0 30.2

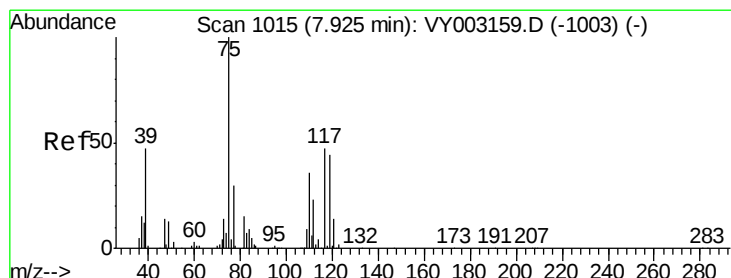
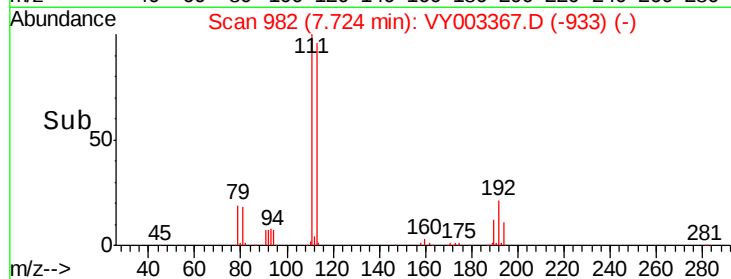
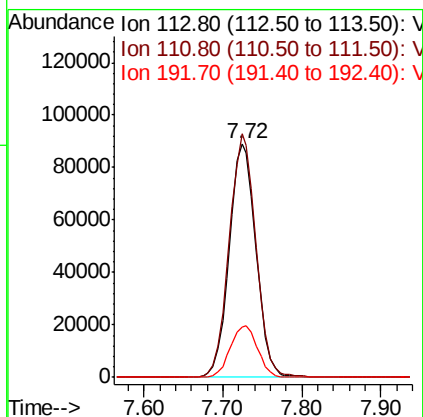
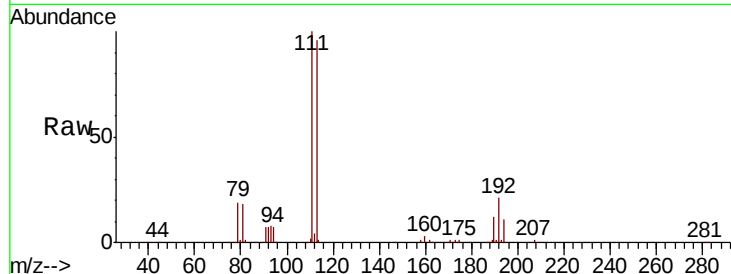




#35
Dibromofluoromethane
Concen: 54.311 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

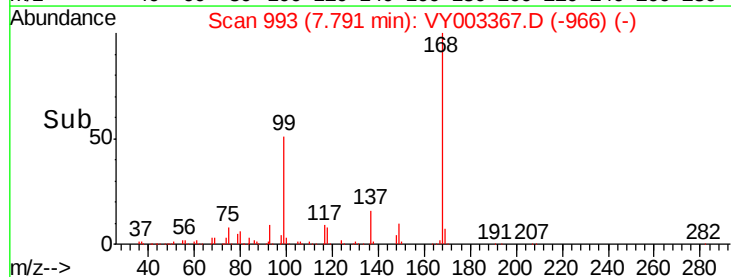
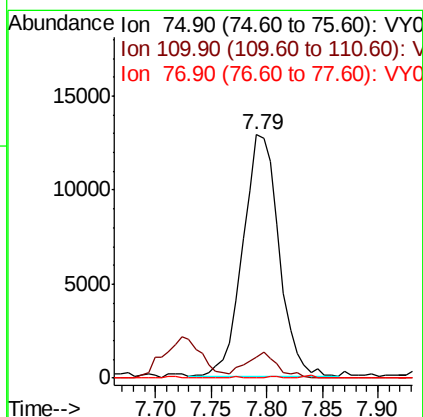
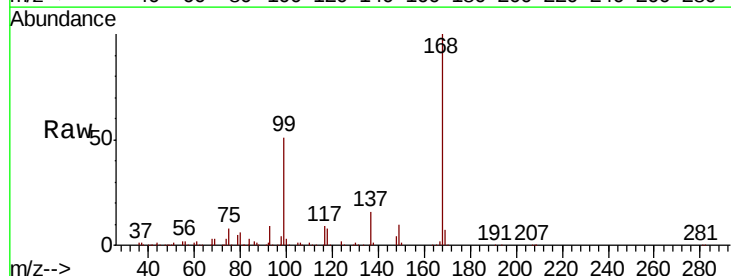
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CARLSTADT-TOPSOIL-2020

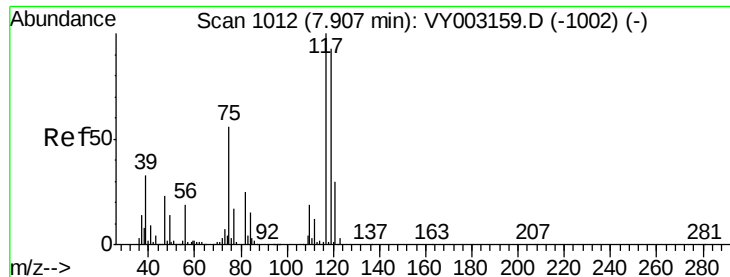
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	22.5	18.8	28.2



#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.3	24.8	37.2#

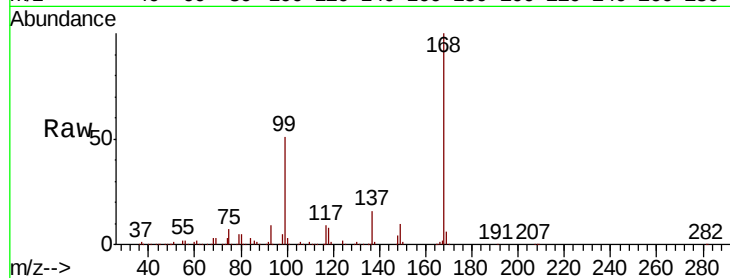




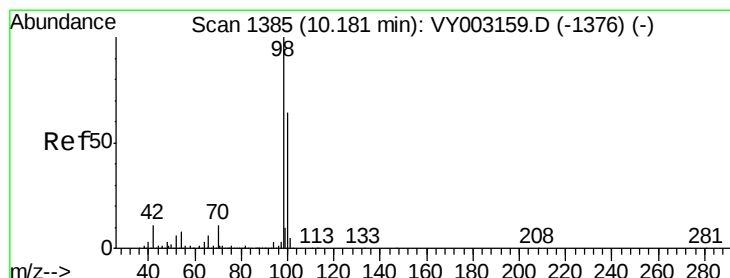
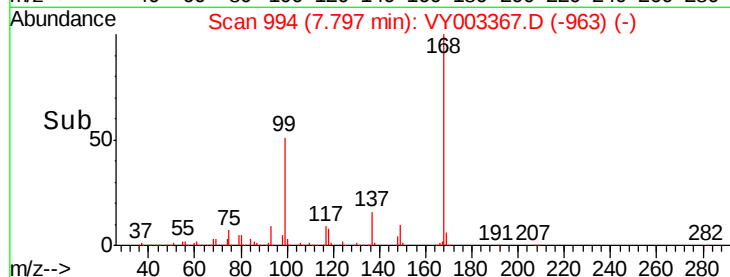
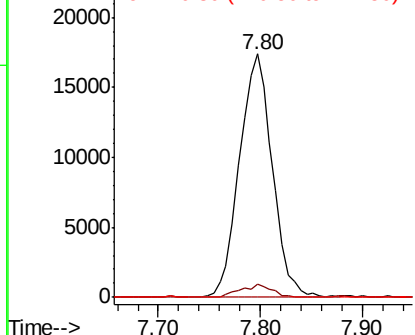
#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Instrument :
MSVOA_Y
ClientSampleId :
CARLSTADT-TOPSOIL-2020

Tot Ion:117 Resp: 38872
Ion Ratio Lower Upper
117 100
119 5.6 74.5 111.7#
121 0.0 24.2 36.2#

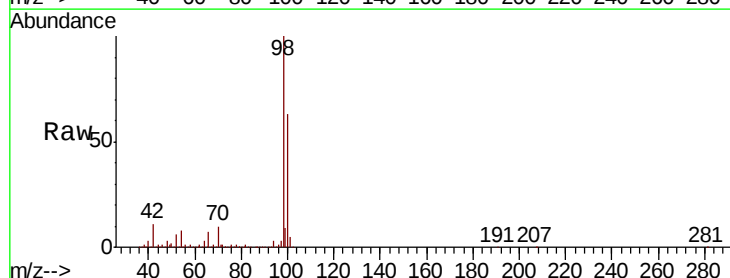


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

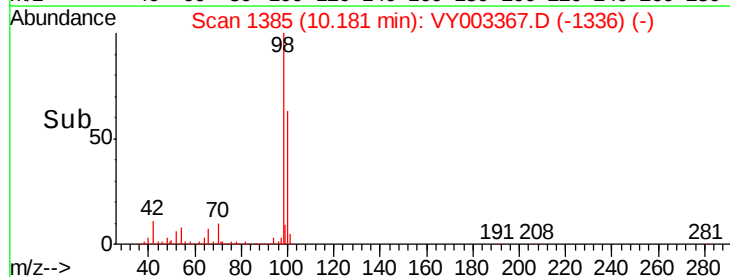
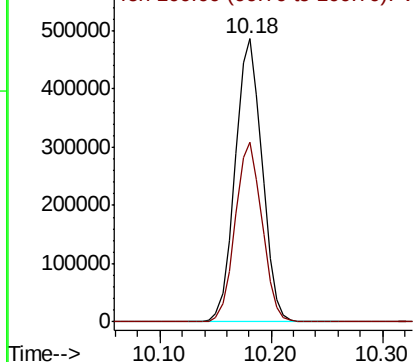


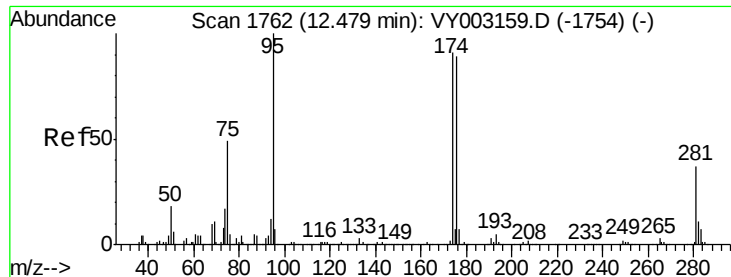
#50
Toluene-d8
Concen: 56.621 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Tgt Ion: 98 Resp: 812746
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



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

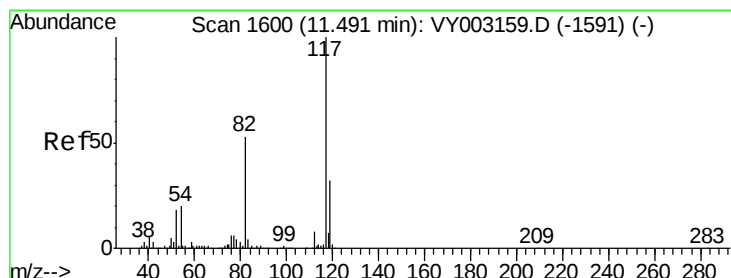
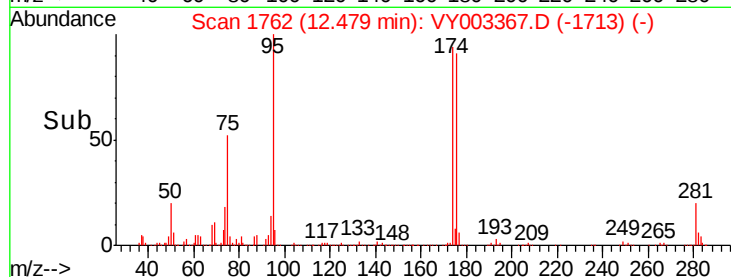
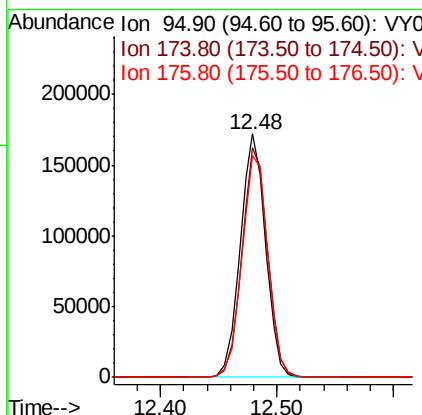
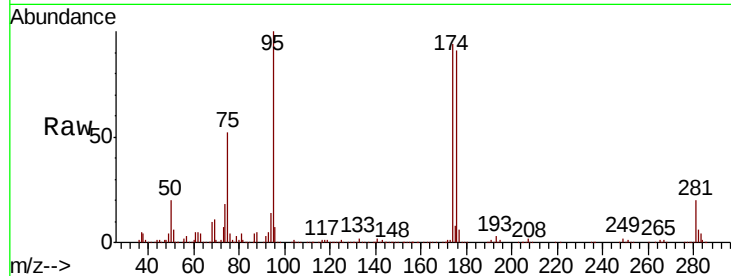




#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

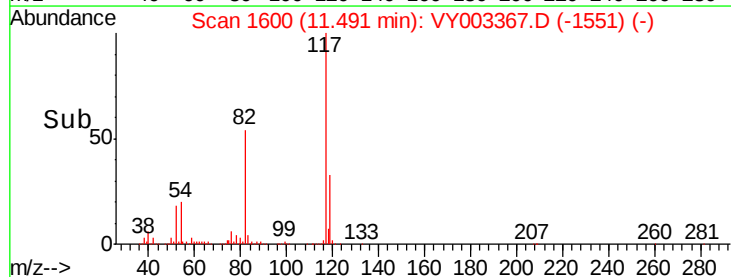
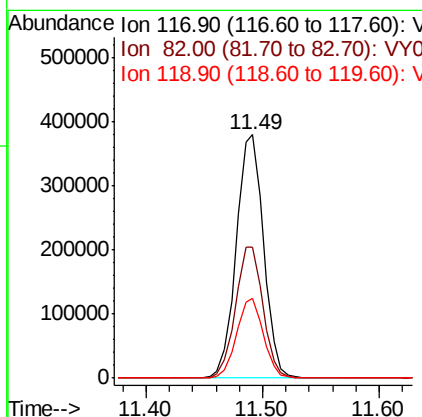
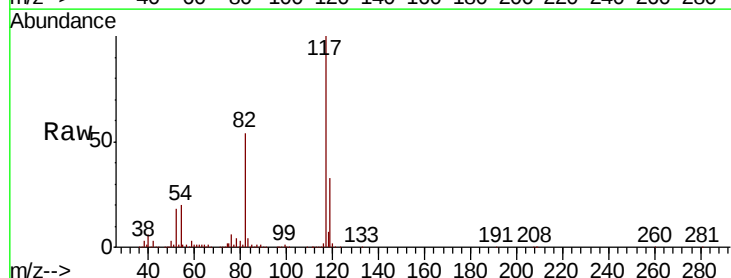
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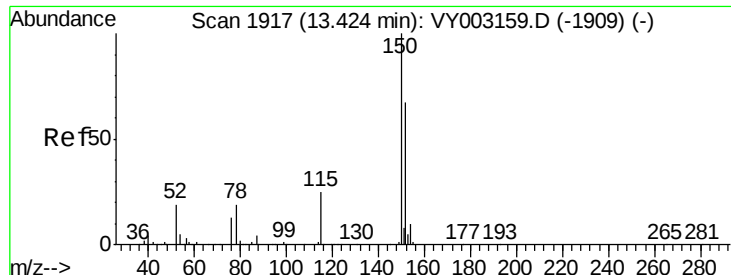
Tot Ion: 95 Resp: 259973
Ion Ratio Lower Upper
95 100
174 95.4 0.0 190.6
176 93.8 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Tgt Ion: 117 Resp: 620720
Ion Ratio Lower Upper
117 100
82 54.0 42.0 63.0
119 32.8 25.5 38.3



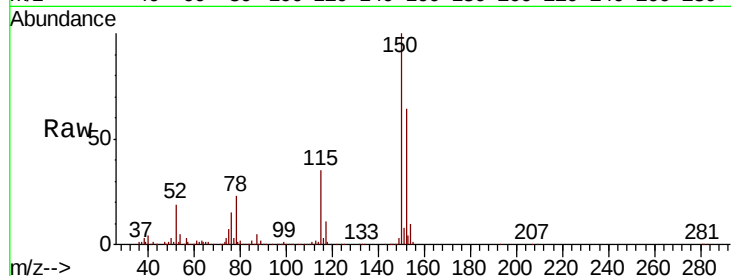


#72

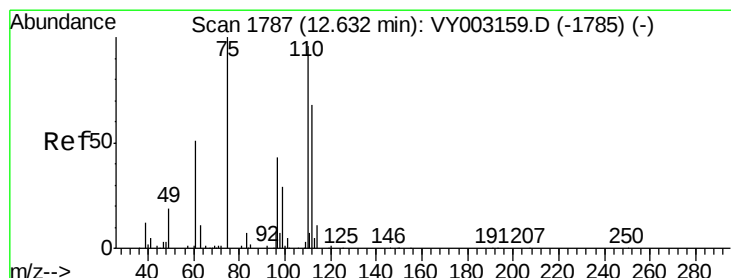
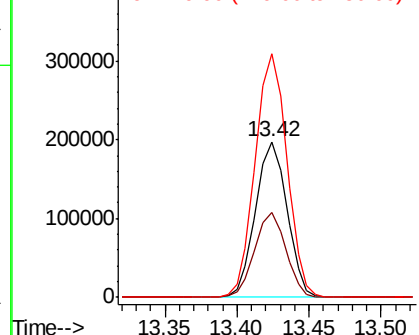
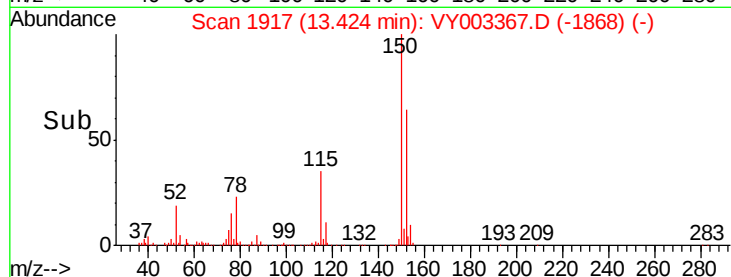
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Instrument :
MSVOA_Y
ClientSampleId :
CARLSTADT-TOPSOIL-2020

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.9	80.7
150	157.9	0.0	338.0



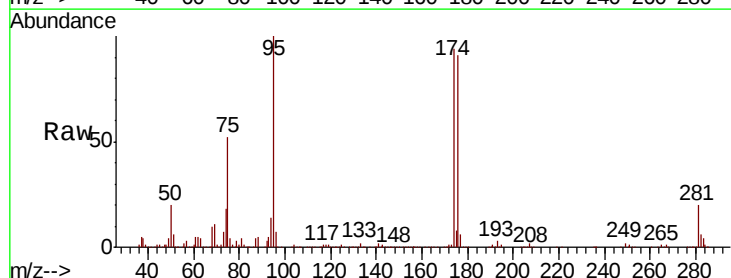
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



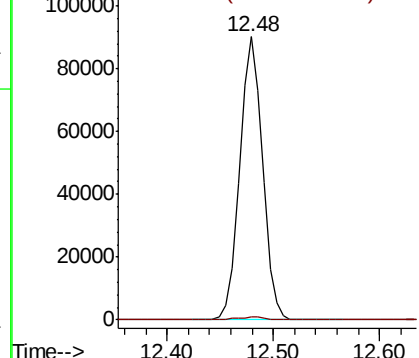
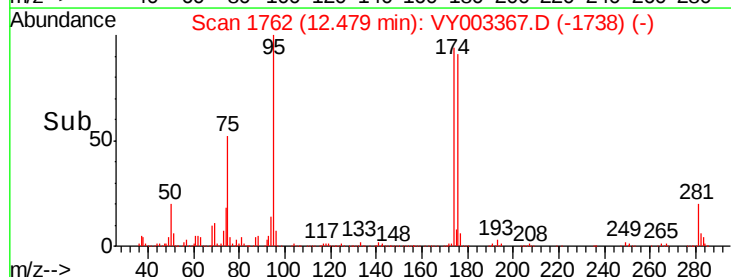
#76

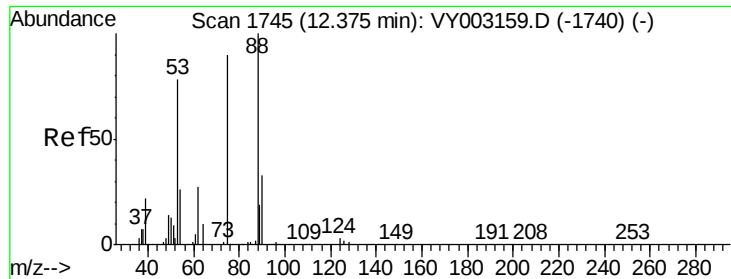
1,2,3-Trichloropropane
Concen: 51.509 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003367.D
Acq: 27 Jul 2020 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 100.246 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003367.D

Acq: 27 Jul 2020 19:51

Instrument :

MSVOA_Y

ClientSampleId :

CARLSTADT-TOPSOIL-2020

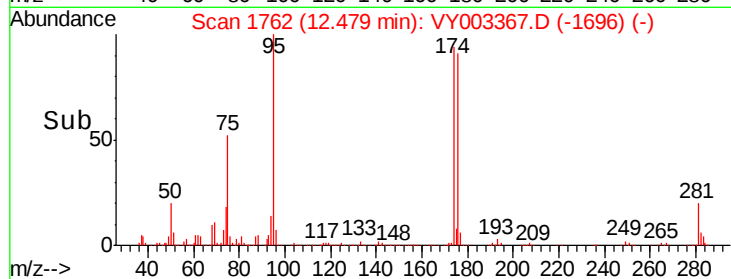
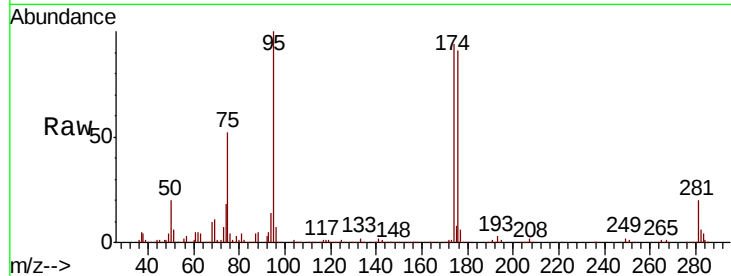
Tot Ion: 75 Resp: 136043

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.5 37.3 55.9#



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

