

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000633.D
 Acq On : 08 Nov 2019 21:07
 Operator : SY/MD
 Sample : K5746-05
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1A-COMP

Quant Time: Nov 11 04:47:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

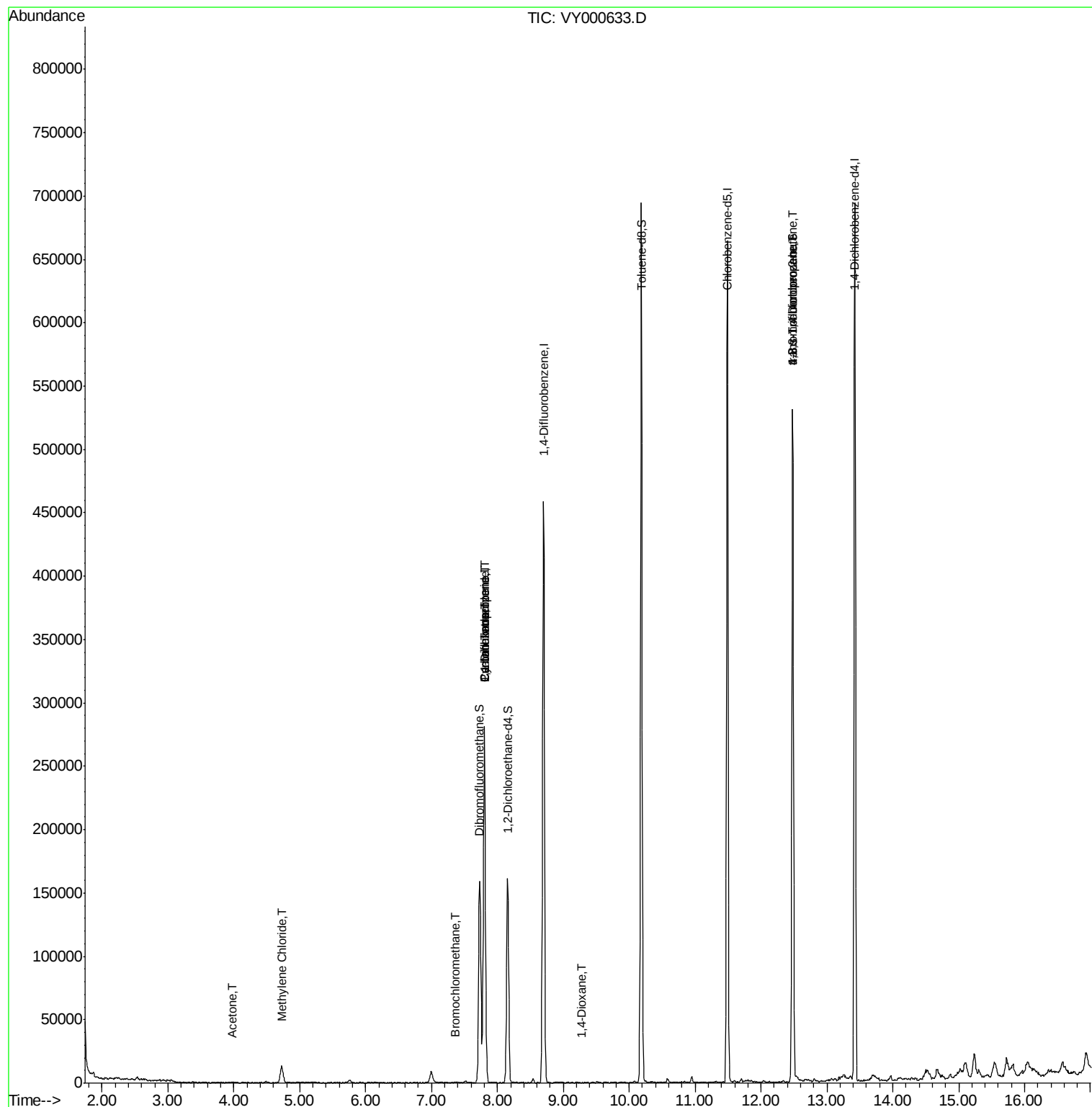
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	206467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	372268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	128637	60.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.40%	
35) Dibromofluoromethane	7.73	113	111559	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	10.18	98	439317	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.48	95	157675	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	630	1.070	ug/l #	72
20) Methylene Chloride	4.72	84	9337	3.700	ug/l	96
28) Bromochloromethane	7.37	49	40	4.113	ug/l #	14
31) Cyclohexane	7.80	56	4949	1.197	ug/l #	37
36) 1,1-Dichloropropene	7.80	75	16895	4.801	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21090	6.228	ug/l #	15
49) 1,4-Dioxane	9.28	88	51	2.713	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	85574	45.041	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85574	100.988	ug/l #	13

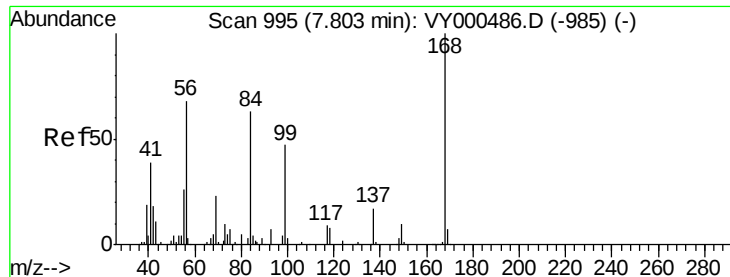
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000633.D

Acq: 08 Nov 2019 21:07

Instrument :

MSVOA_Y

ClientSampleId :

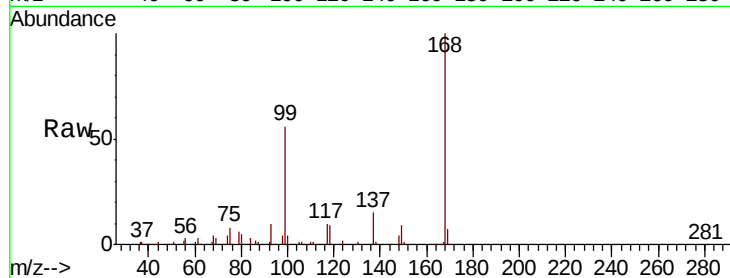
TP-1A-COMP

Tot Ion:168 Resp: 206467

Ion Ratio Lower Upper

168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000633.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000633.D (-946) (-)

7.80

100000

80000

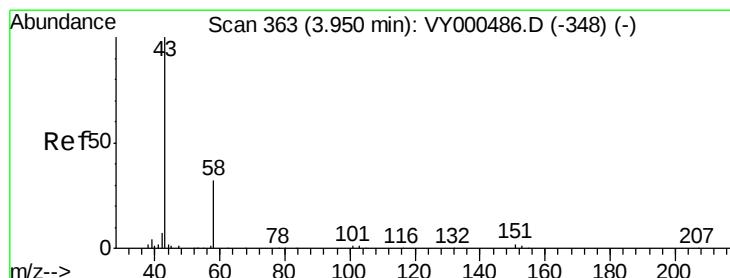
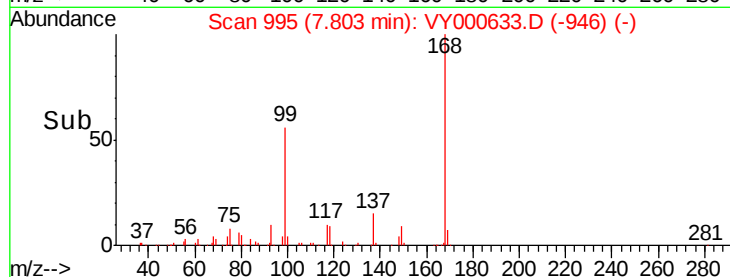
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.070 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000633.D

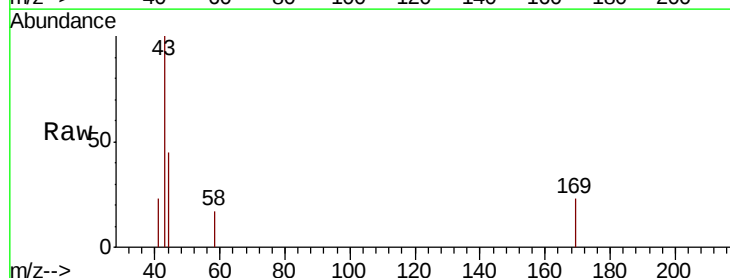
Acq: 08 Nov 2019 21:07

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

58 16.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000633.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY000633.D (-314) (-)

3.96

400

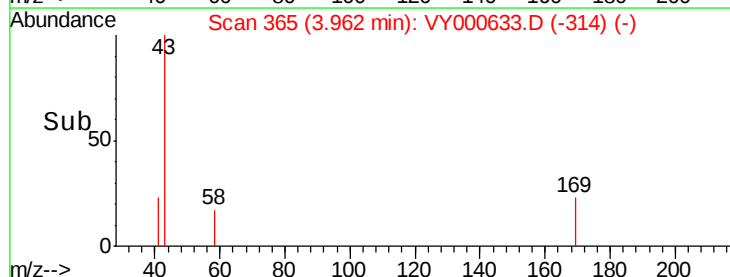
300

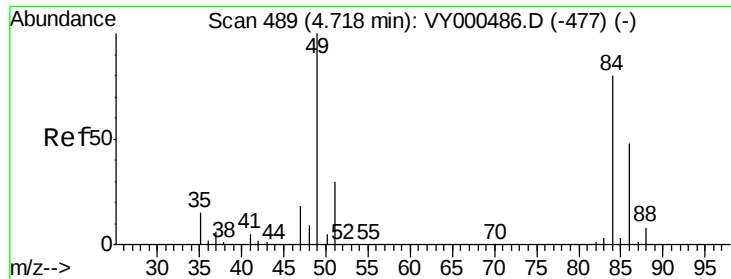
200

100

0

Time-->

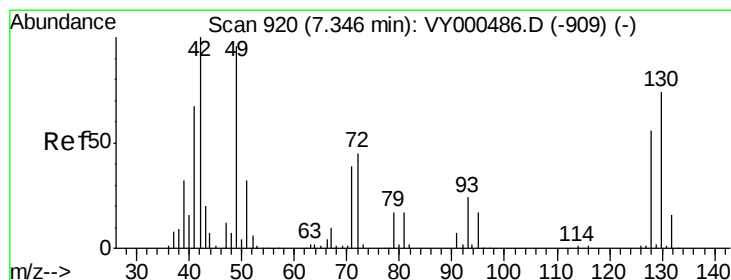
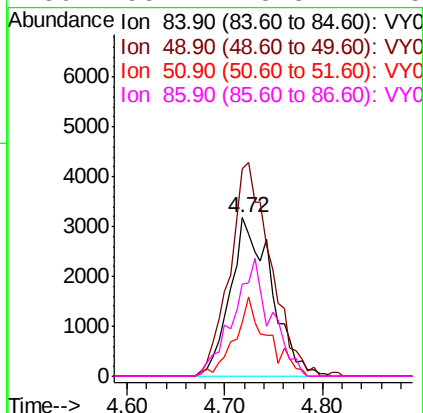
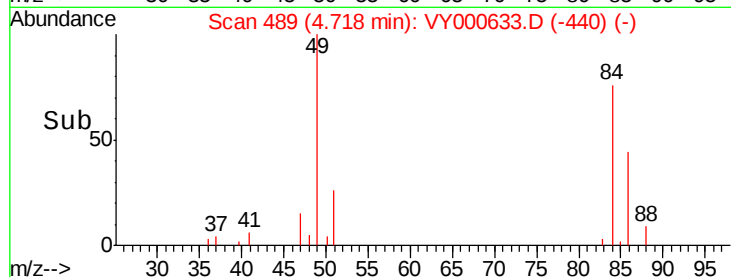
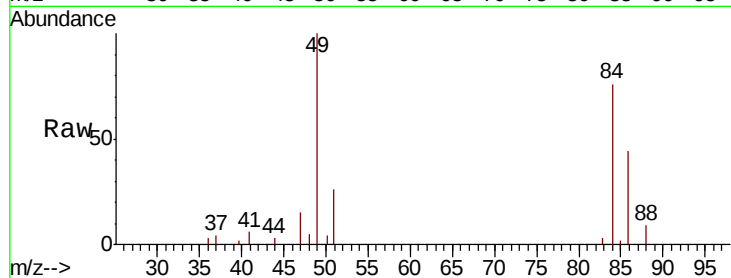




#20
Methvlene Chloride
Concen: 3.700 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000633.D
Acq: 08 Nov 2019 21:07

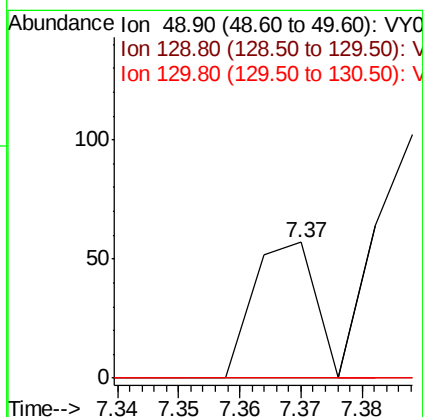
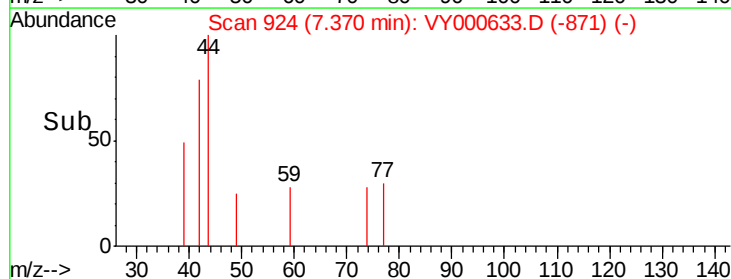
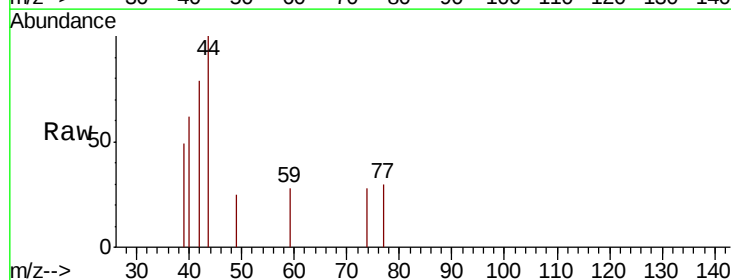
Instrument :
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ClientSampleId :
TP-1A-COMP

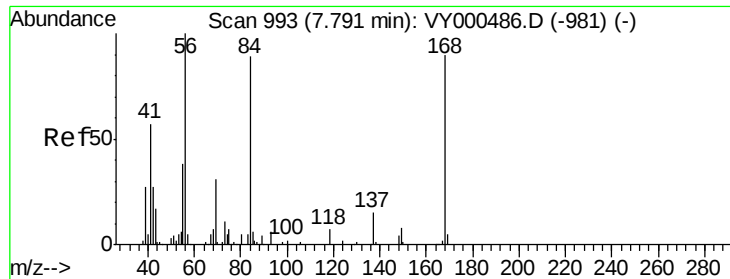
Tot Ion:	84	Resp:	9337
Ion	Ratio	Lower	Upper
84	100		
49	130.9	100.2	150.4
51	34.1	29.6	44.4
86	58.1	48.3	72.5



#28
Bromochloromethane
Concen: 4.113 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY000633.D
Acq: 08 Nov 2019 21:07

Tgt Ion:	49	Resp:	40
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#

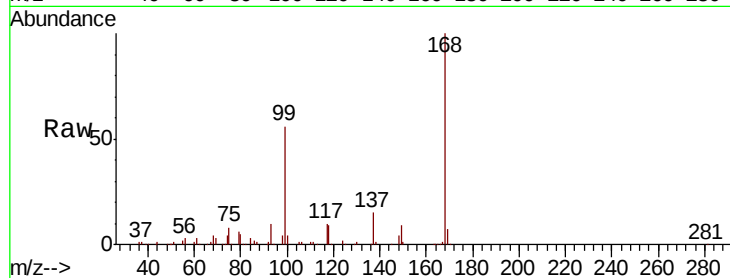




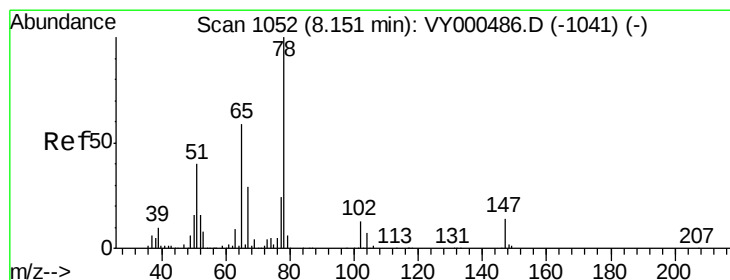
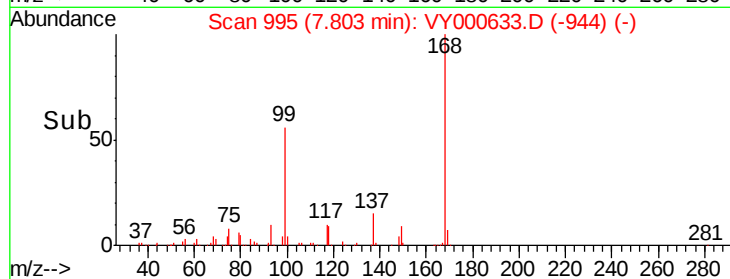
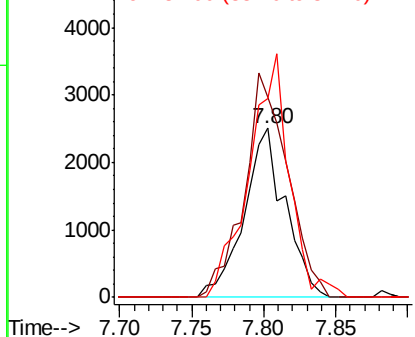
#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000633.D
Acq: 08 Nov 2019 21:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-1A-COMP

Tot Ion: 56 Resp: 4949
Ion Ratio Lower Upper
56 100
69 118.4 25.0 37.6#
84 117.7 71.4 107.2#

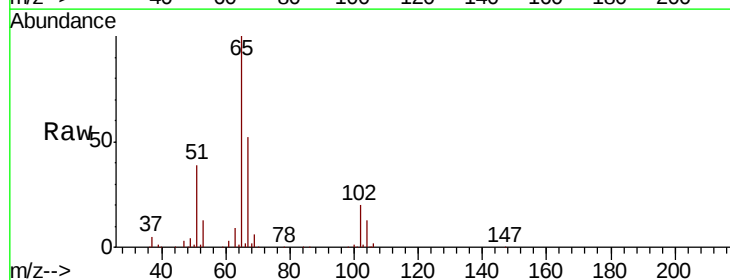


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

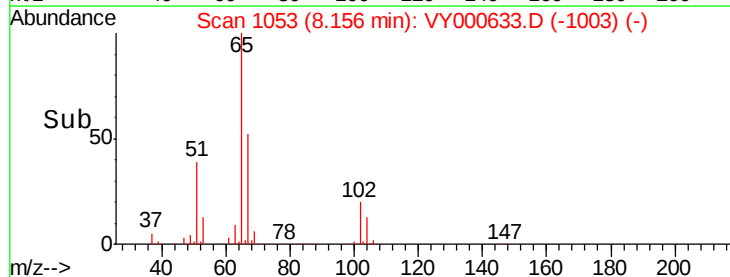
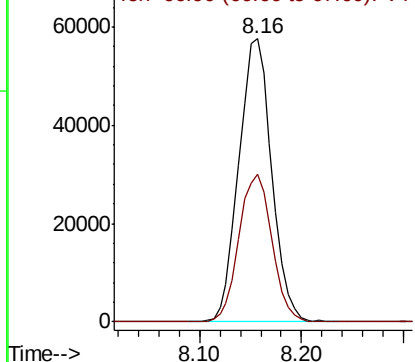


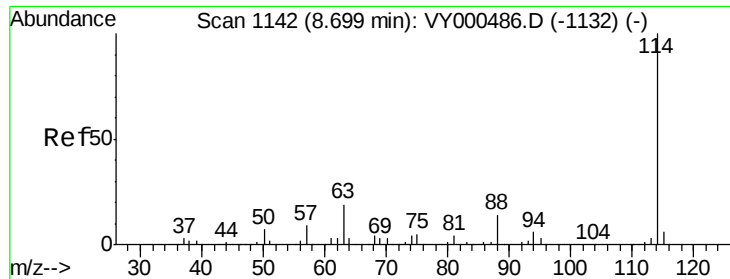
#33
1,2-Dichloroethane-d4
Concen: 60.205 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000633.D
Acq: 08 Nov 2019 21:07

Tgt Ion: 65 Resp: 128637
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2



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

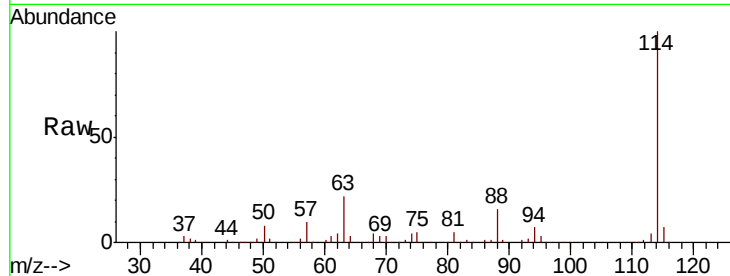




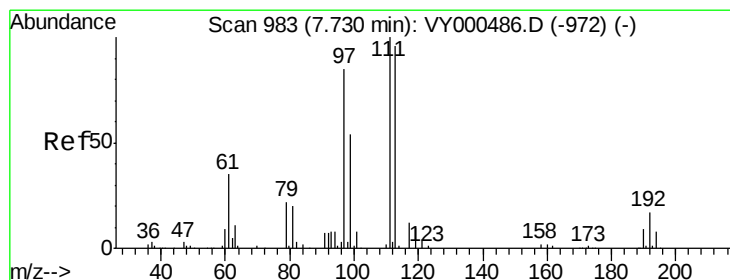
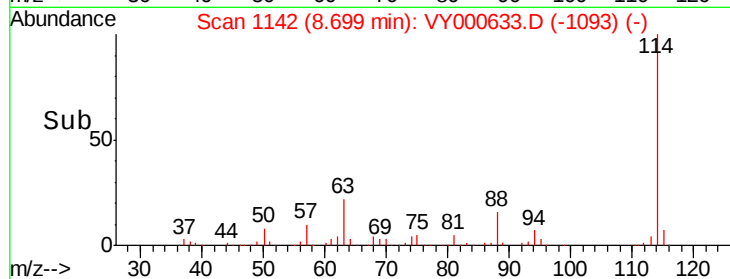
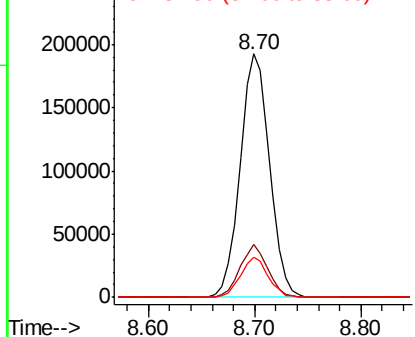
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000633.D
 Acq: 08 Nov 2019 21:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1A-COMP

Tot Ion:114 Resp: 372268
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 38.0
 88 16.5 0.0 28.6

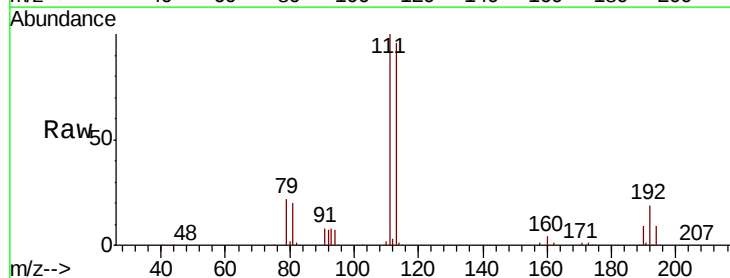


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

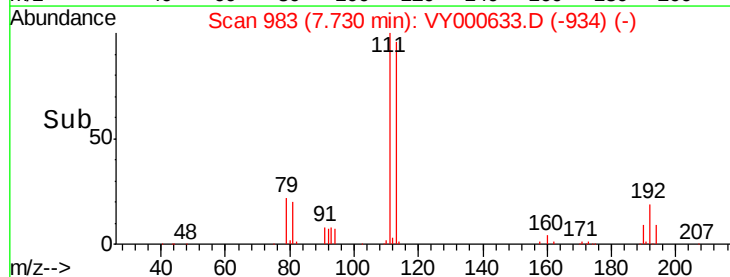
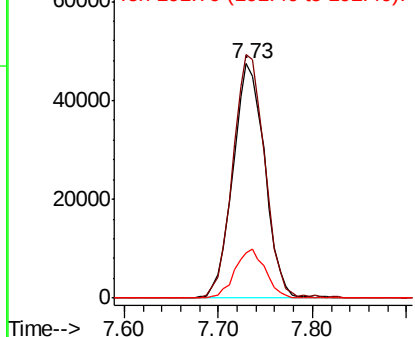


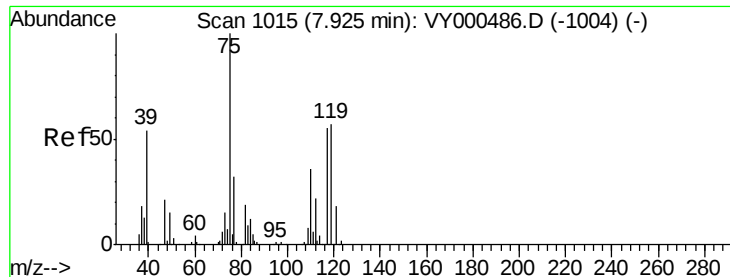
#35
 Dibromofluoromethane
 Concen: 51.046 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000633.D
 Acq: 08 Nov 2019 21:07

Tgt Ion:113 Resp: 111559
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.7 122.5
 192 20.1 15.0 22.4



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

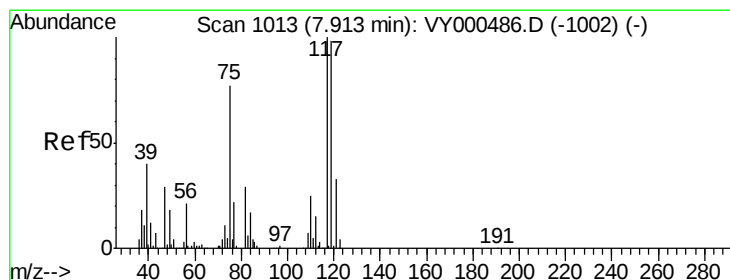
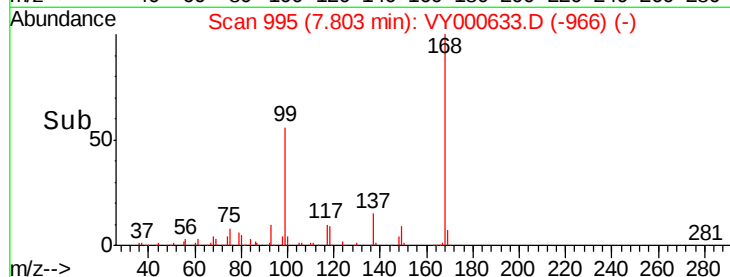
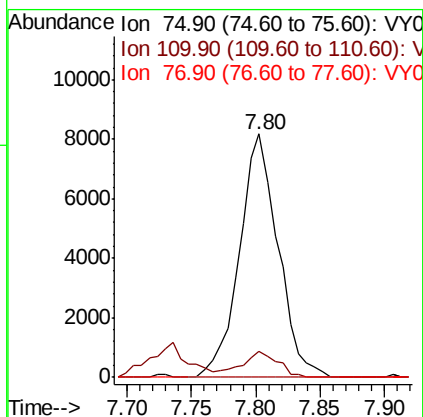
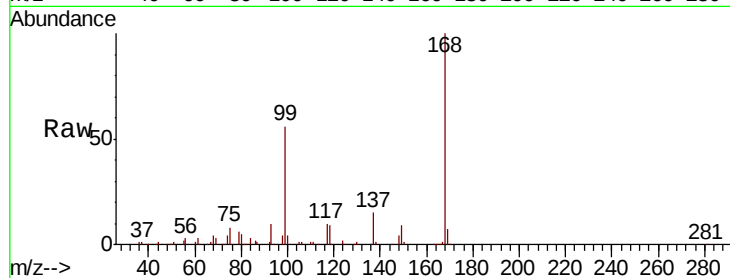




#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000633.D
 Acq: 08 Nov 2019 21:07

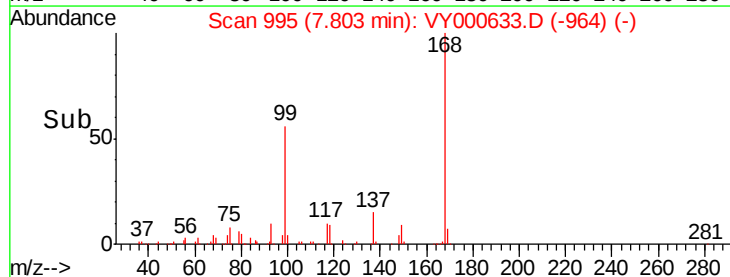
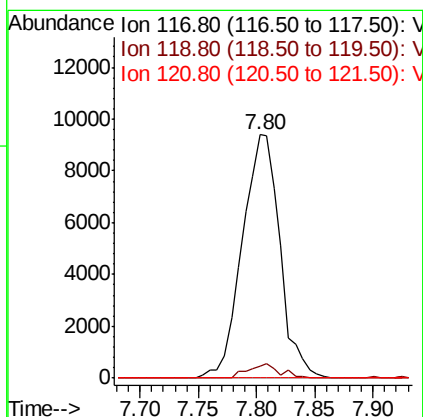
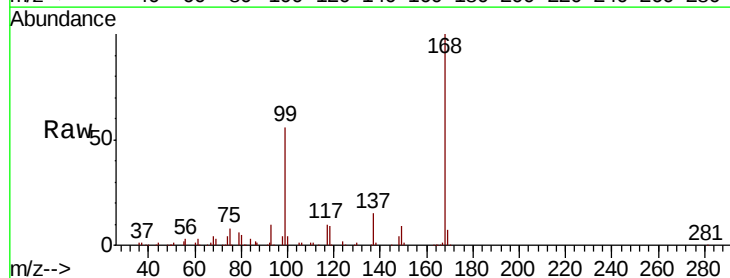
Instrument :
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 ClientSampleId :
 TP-1A-COMP

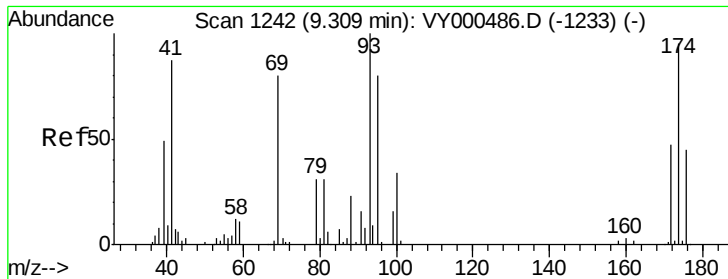
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.228 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000633.D
 Acq: 08 Nov 2019 21:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.0	117.0#
121	0.0	26.6	40.0#





#49

1,4-Dioxane

Concen: 2.713 ug/l

RT: 9.28 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VY000633.D

Acq: 08 Nov 2019 21:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-1A-COMP

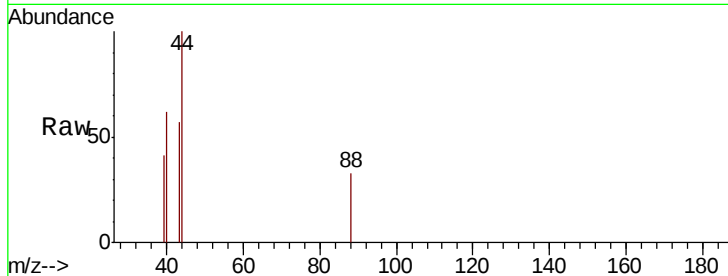
Tot Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 151.0 25.1 37.7#

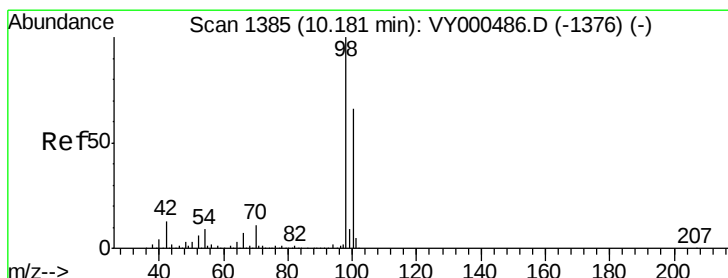
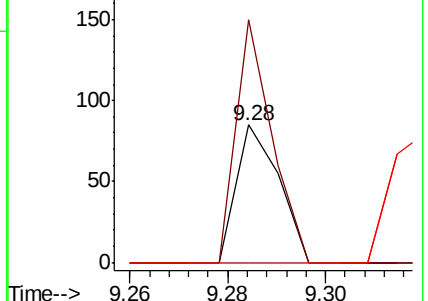
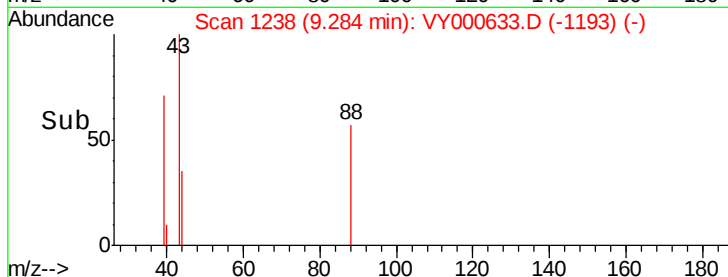
58 0.0 50.6 75.8#



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: 52.977 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000633.D

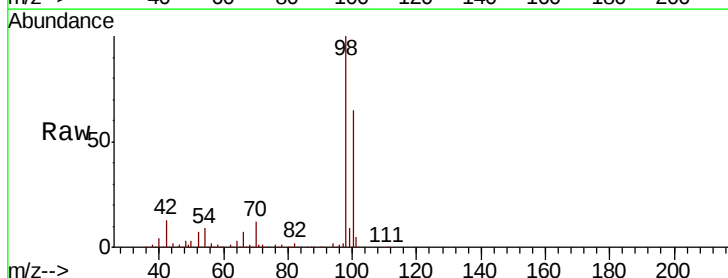
Acq: 08 Nov 2019 21:07

Tgt Ion: 98 Resp: 439317

Ion Ratio Lower Upper

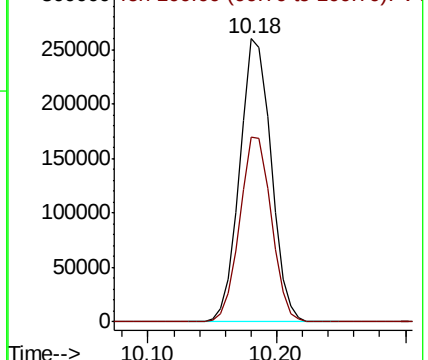
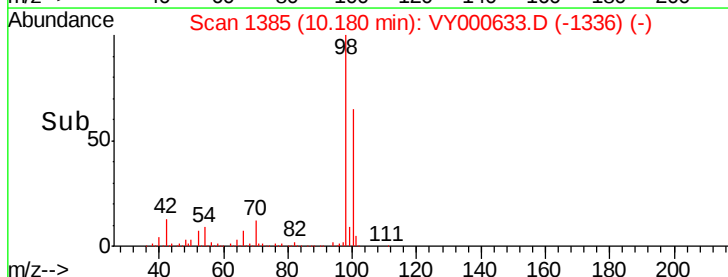
98 100

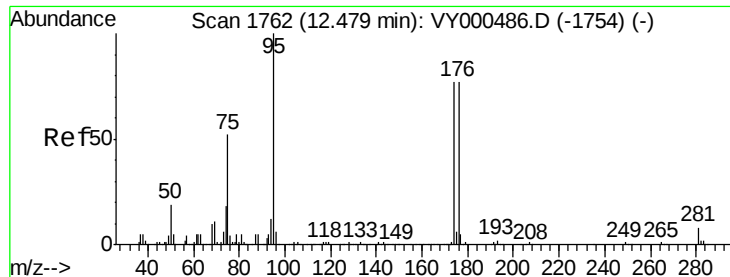
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

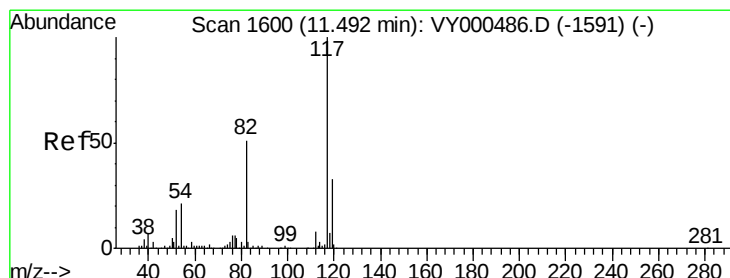
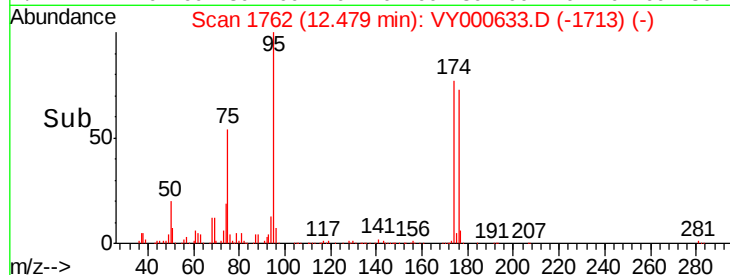
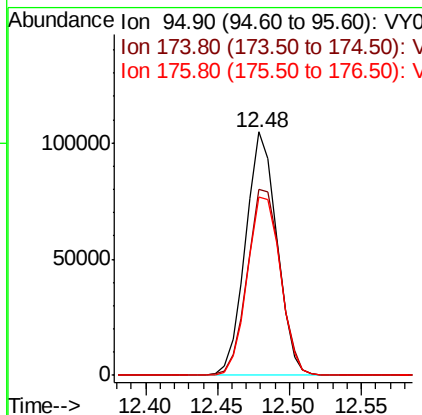
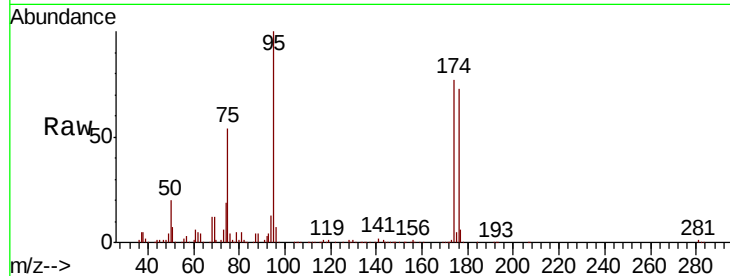




#62
4-Bromofluorobenzene
Concen: 49.945 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000633.D
Acq: 08 Nov 2019 21:07

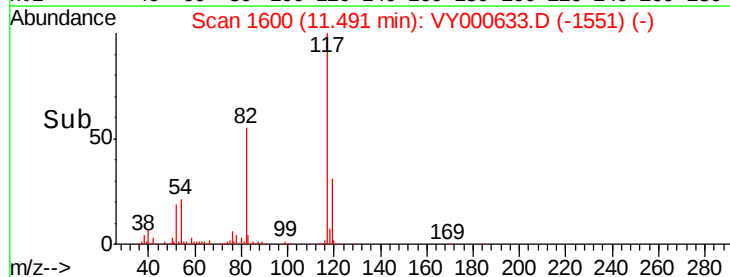
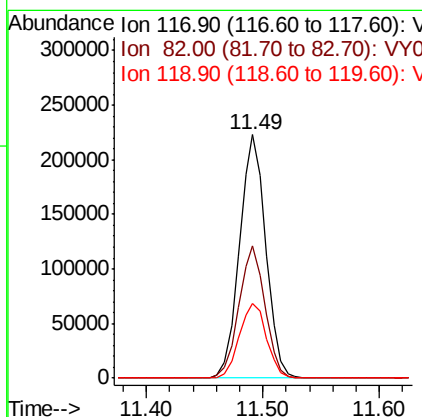
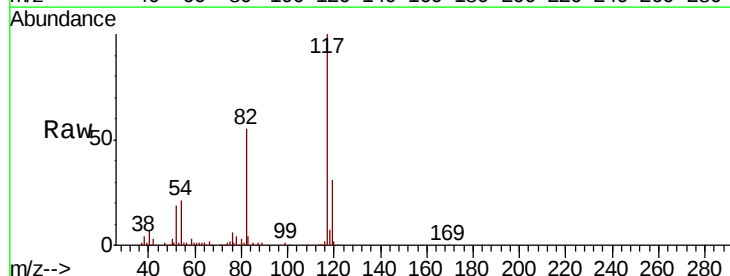
Instrument :
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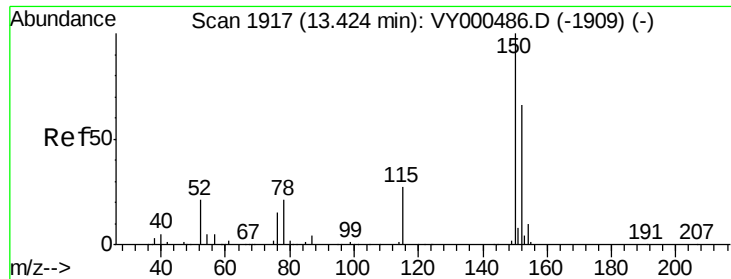
Tot Ion: 95 Resp: 157675
Ion Ratio Lower Upper
95 100
174 80.1 0.0 161.6
176 77.5 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000633.D
Acq: 08 Nov 2019 21:07

Tgt Ion: 117 Resp: 349474
Ion Ratio Lower Upper
117 100
82 54.5 40.8 61.2
119 30.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000633.D

Acq: 08 Nov 2019 21:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-1A-COMP

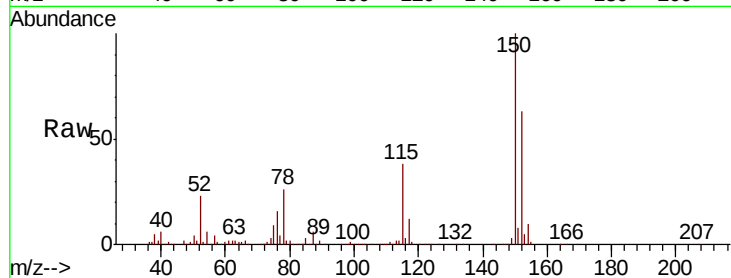
Tot Ion:152 Resp: 166858

Ion Ratio Lower Upper

152 100

115 59.6 29.1 87.4

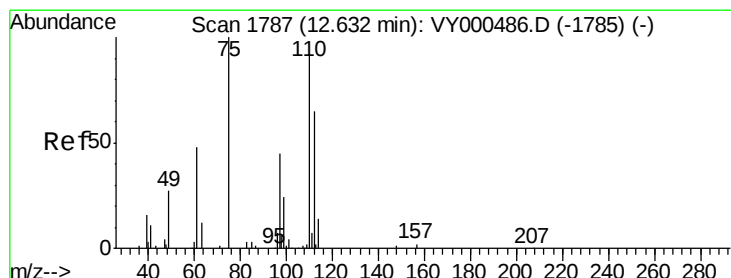
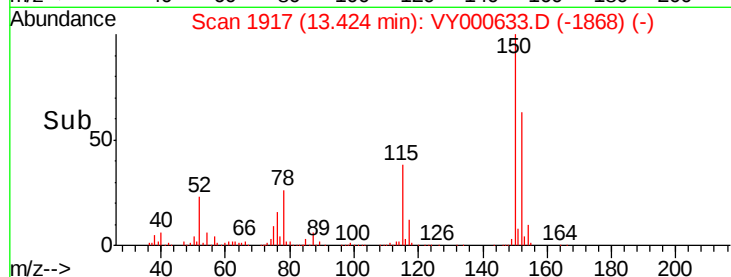
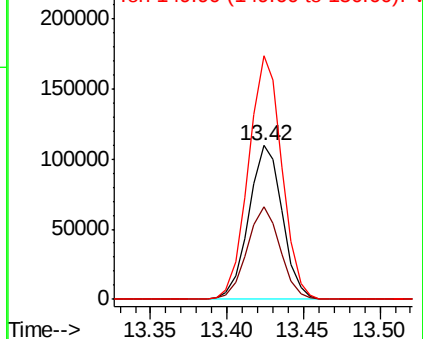
150 157.7 0.0 348.8



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: 45.041 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000633.D

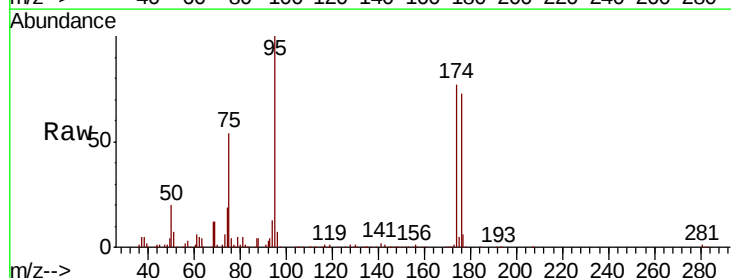
Acq: 08 Nov 2019 21:07

Tgt Ion: 75 Resp: 85574

Ion Ratio Lower Upper

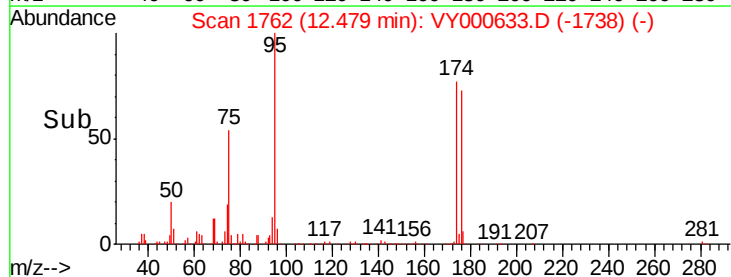
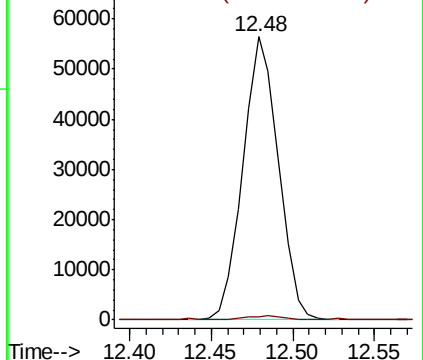
75 100

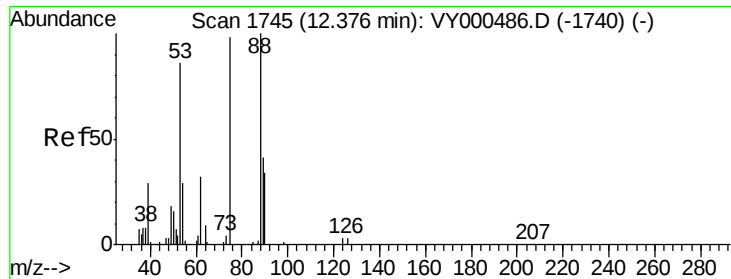
77 1.6 0.0 0.0#



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: 100.988 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000633.D

Acq: 08 Nov 2019 21:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-1A-COMP

Tot Ion: 75 Resp: 85574

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.3 35.9 53.9#

