

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000527.D
 Acq On : 01 Nov 2019 16:37
 Operator : SY/MD
 Sample : K5661-02
 Misc : 5.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:34:41 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

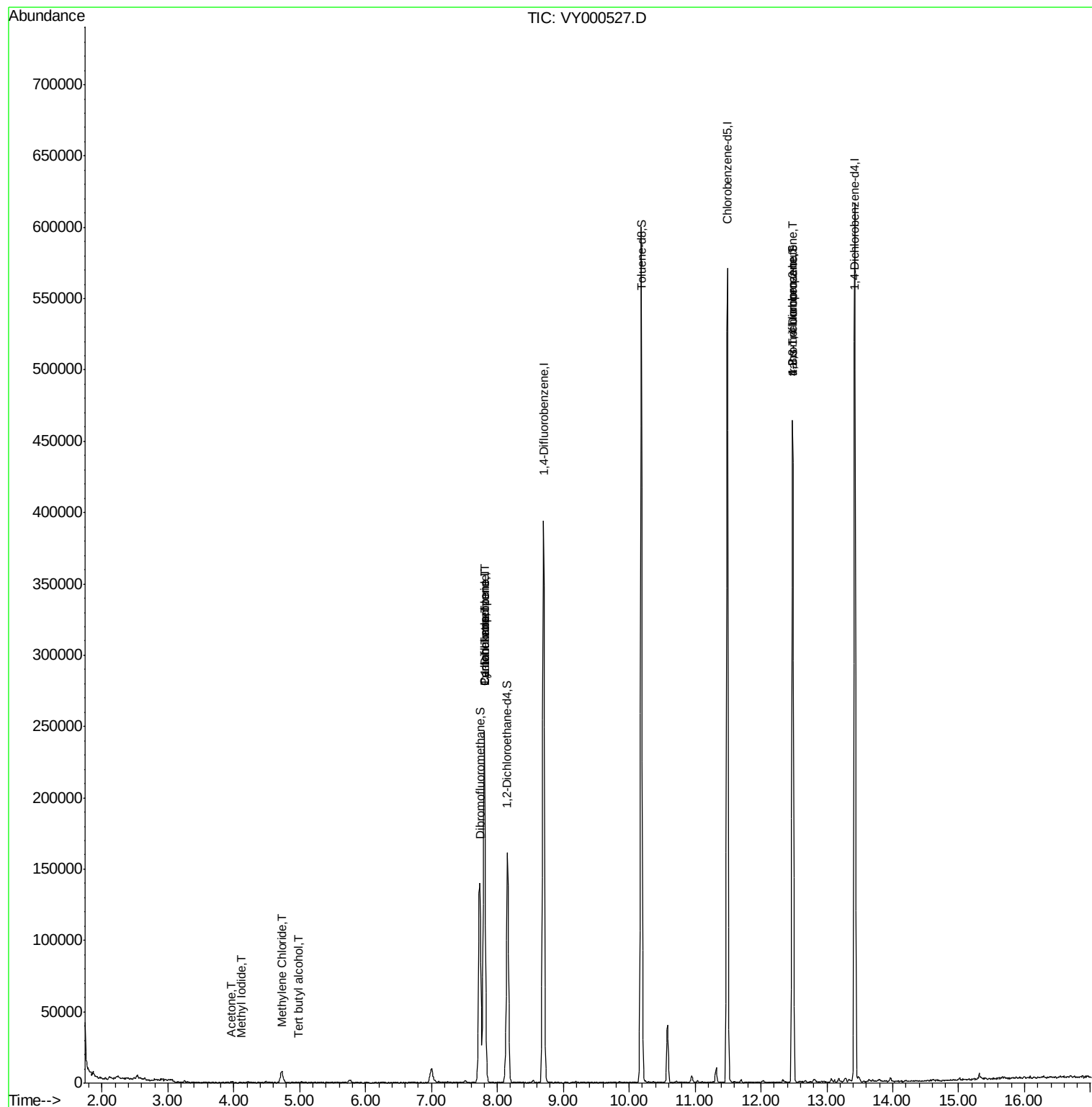
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	191439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	302585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122544	61.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.72%	
35) Dibromofluoromethane	7.74	113	100515	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.19	98	387578	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.48	95	136784	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	22	3.207	ug/l #	1
11) Tert butyl alcohol	4.99	59	350	1.815	ug/l #	72
16) Acetone	3.96	43	775	1.419	ug/l #	83
20) Methylene Chloride	4.73	84	5480	2.342	ug/l #	78
31) Cyclohexane	7.80	56	4447	1.160	ug/l #	2
36) 1,1-Dichloropropene	7.80	75	14702	4.654	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19857	6.532	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	73560	44.543	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	73560	99.872	ug/l #	13

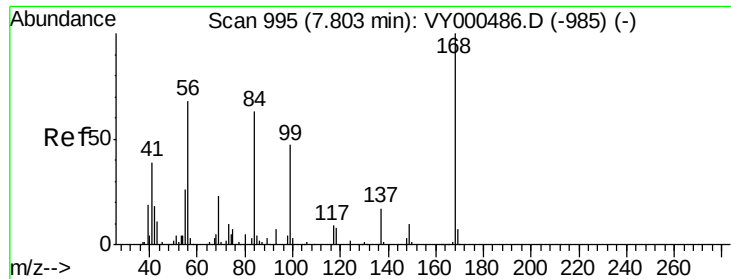
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

Instrument :

MSVOA_Y

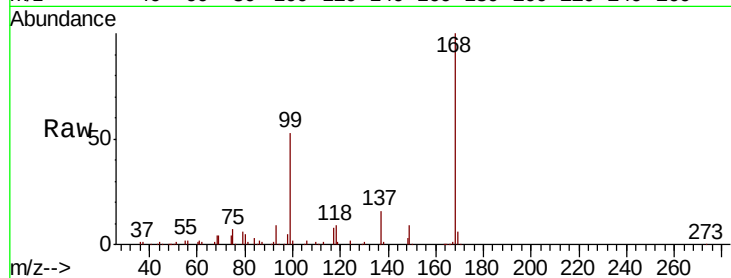
ClientSampleId :

Tot Ion:168 Resp: 191439

Ion Ratio Lower Upper

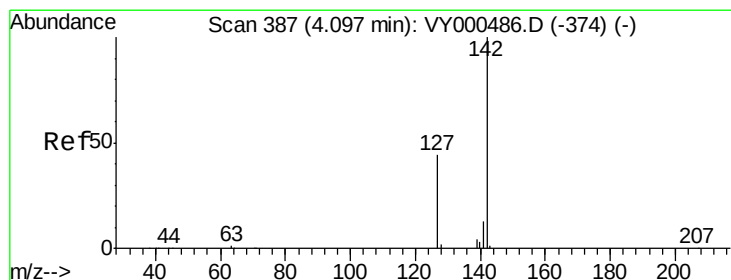
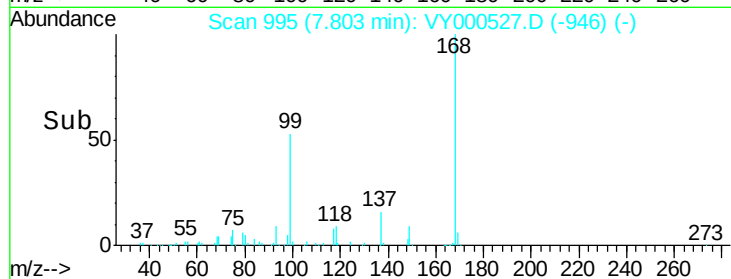
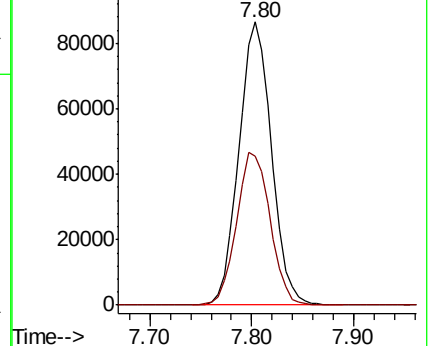
168 100

99 52.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.207 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

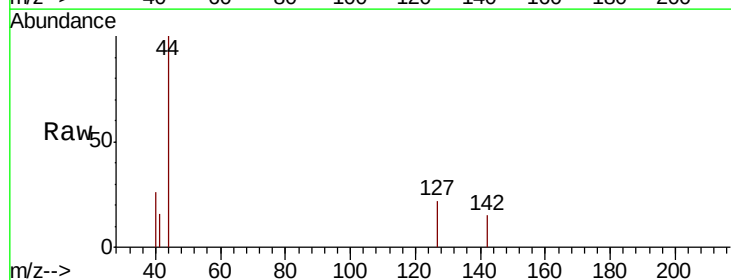
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

127 254.5 33.7 50.5#

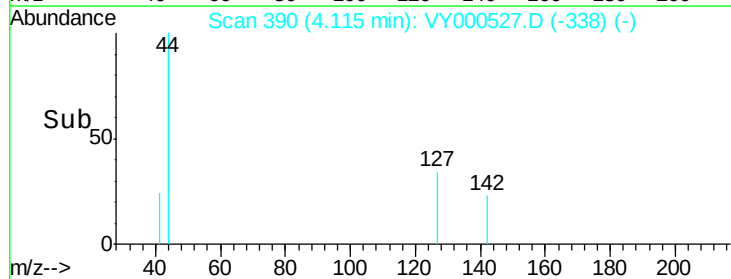
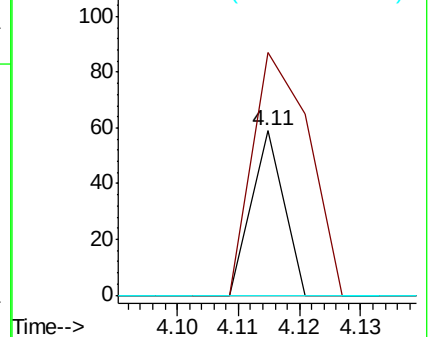
141 0.0 10.9 16.3#

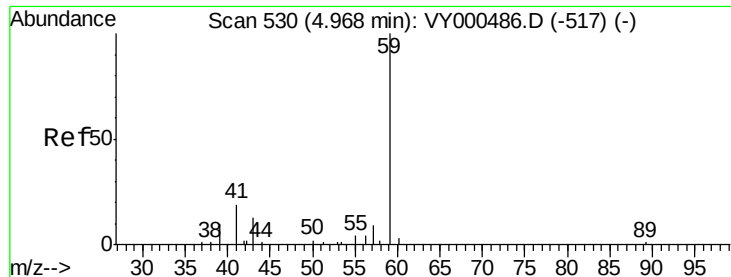


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

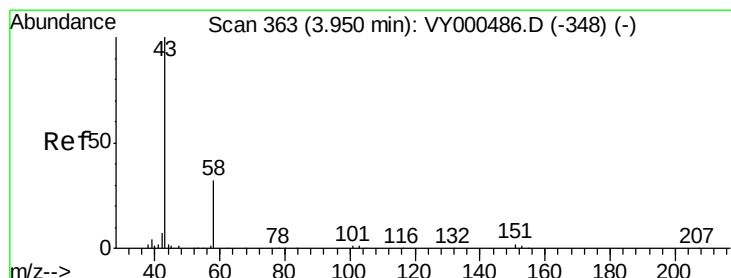
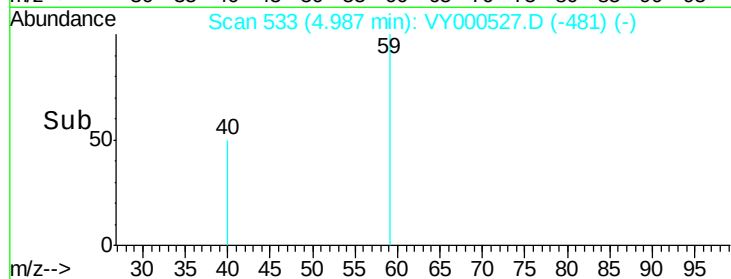
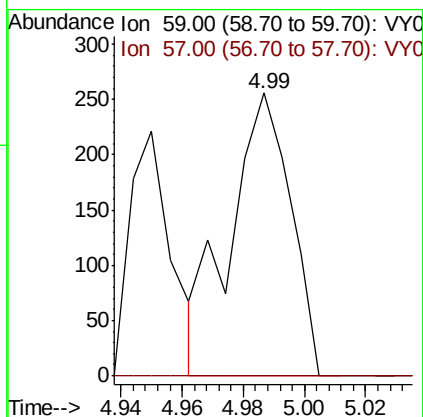
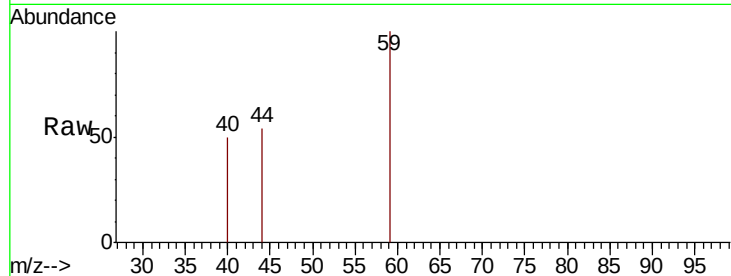




#11
Tert butyl alcohol
Concen: 1.815 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.02 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

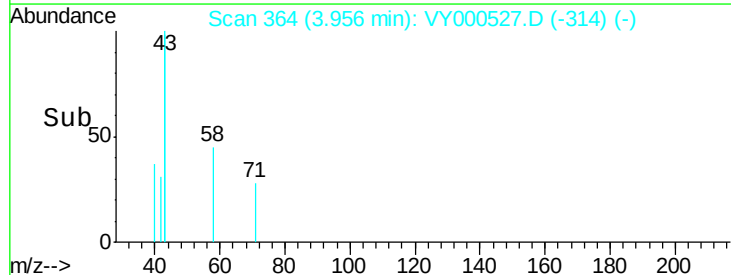
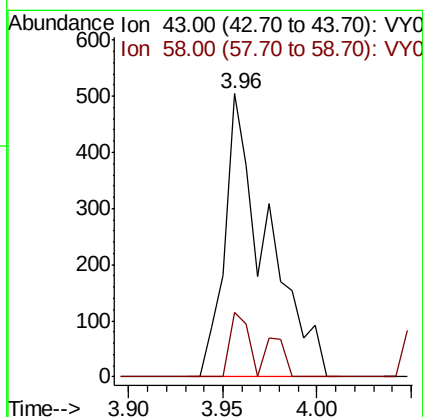
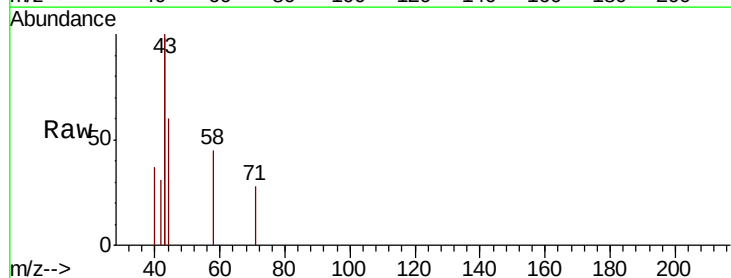
Instrument :
MSVOA_Y
ClientSampleId :

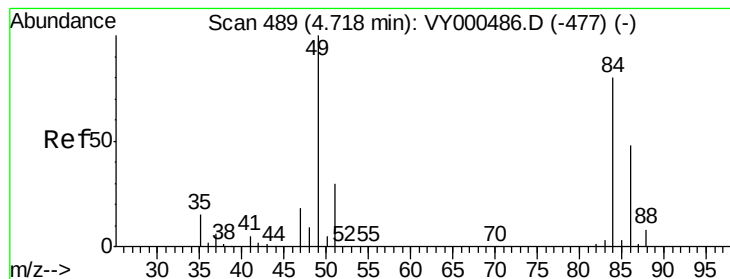
Tot Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.419 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 22.8 25.8 38.6#





#20

Methylene Chloride

Concen: 2.342 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 84 Resp: 5480

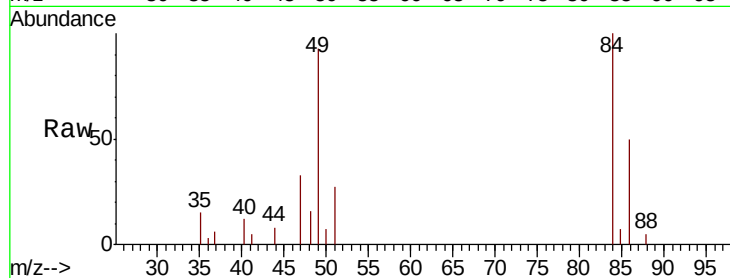
Ion Ratio Lower Upper

84 100

49 93.0 100.2 150.4#

51 27.1 29.6 44.4#

86 49.9 48.3 72.5

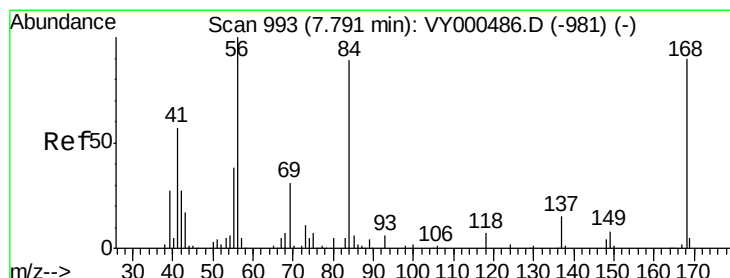
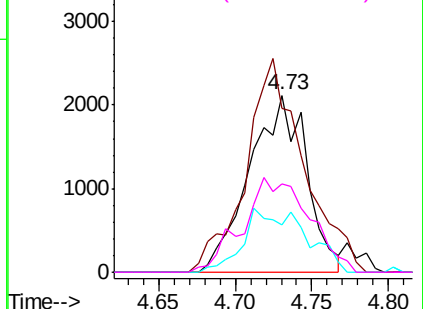
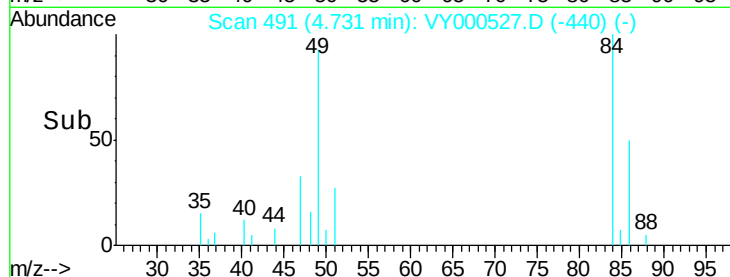


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31

Cyclohexane

Concen: 1.160 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

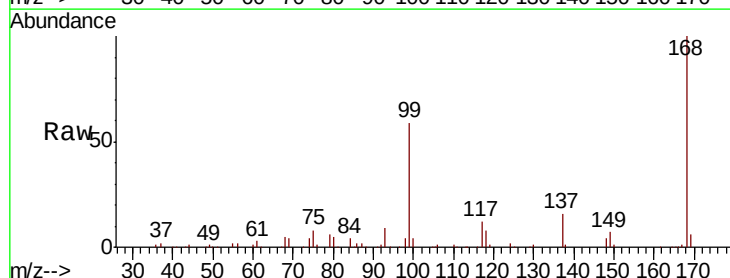
Tgt Ion: 56 Resp: 4447

Ion Ratio Lower Upper

56 100

69 147.7 25.0 37.6#

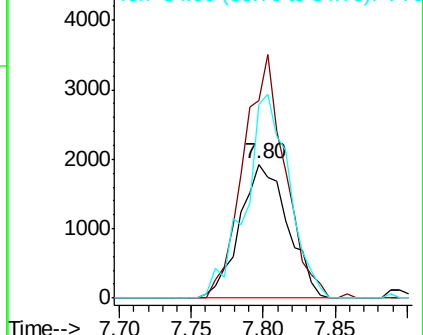
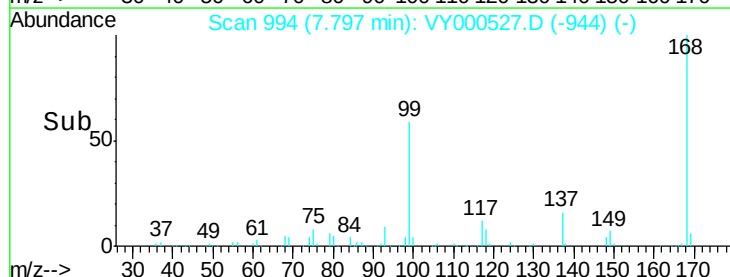
84 144.5 71.4 107.2#

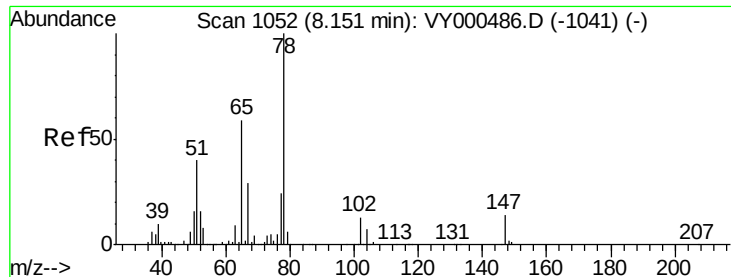


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

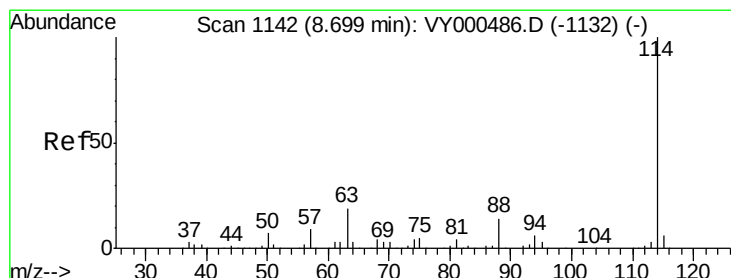
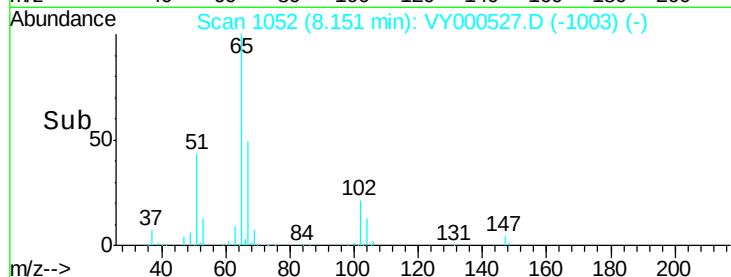
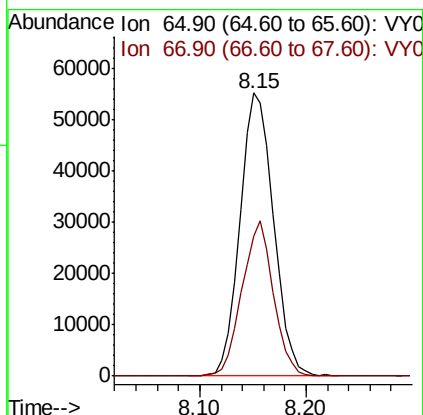
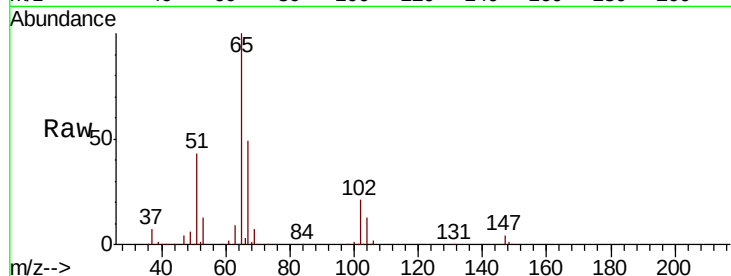




#33
 1,2-Dichloroethane-d4
 Concen: 61.855 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000527.D
 Acq: 01 Nov 2019 16:37

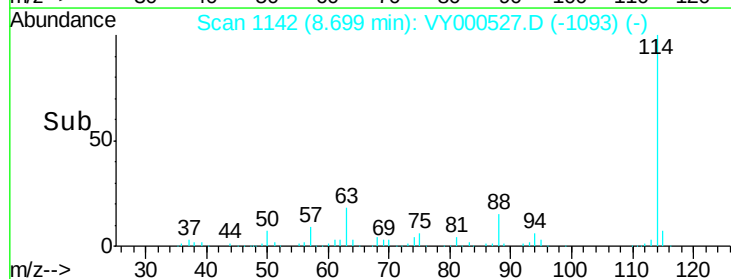
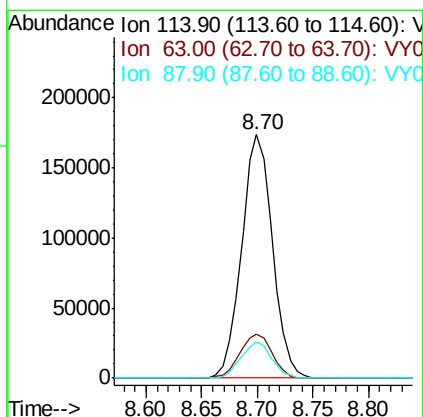
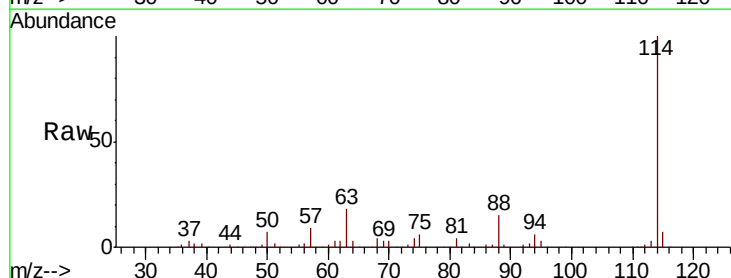
Instrument :
 MSVOA_Y
 ClientSampleId :

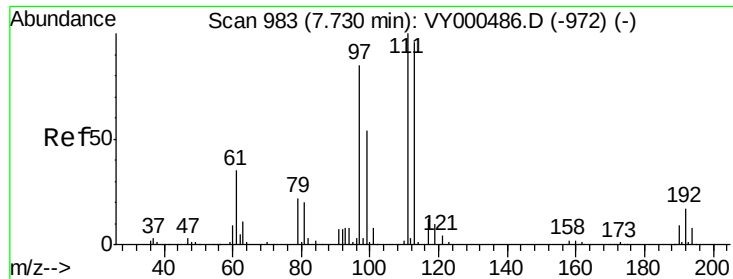
Tot Ion: 65 Resp: 122544
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000527.D
 Acq: 01 Nov 2019 16:37

Tgt Ion: 114 Resp: 334188
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.0
 88 15.1 0.0 28.6

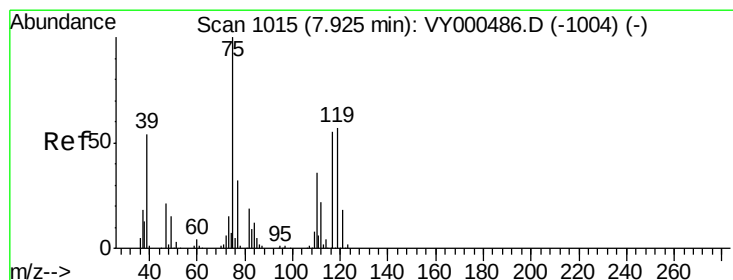
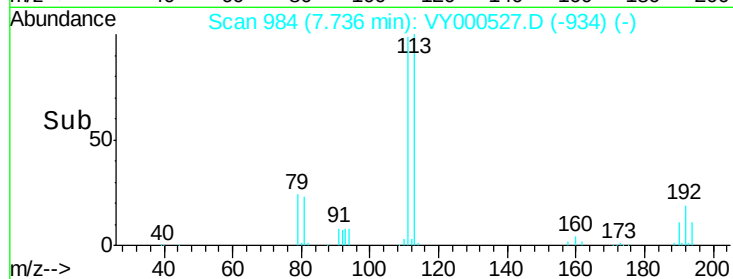
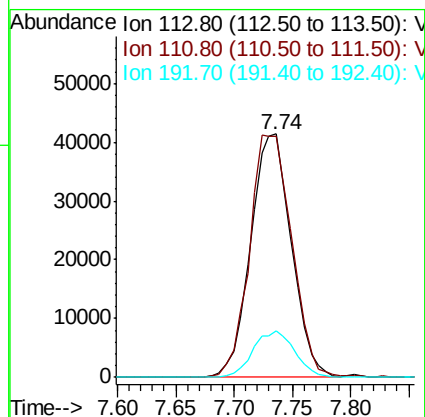
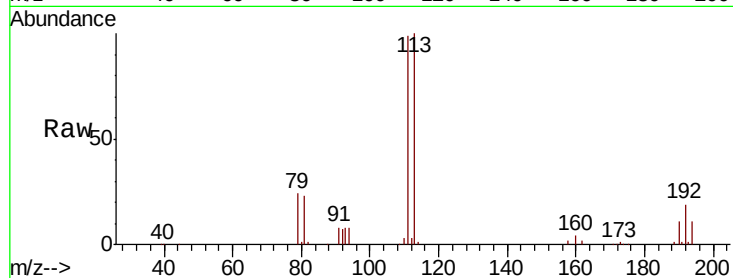




#35
 Dibromofluoromethane
 Concen: 51.233 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000527.D
 Acq: 01 Nov 2019 16:37

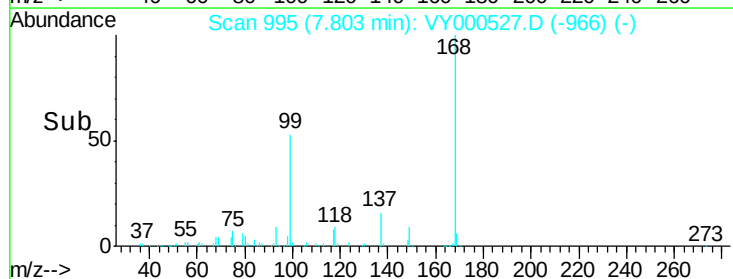
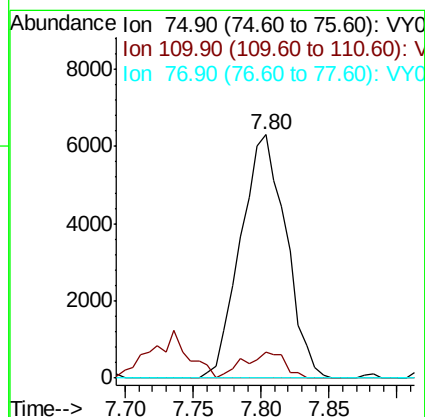
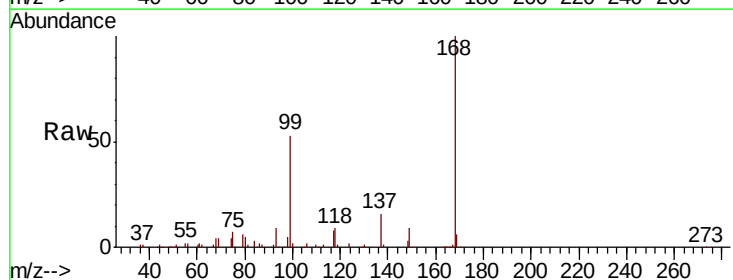
Instrument :
 MSVOA_Y
 ClientSampleId :

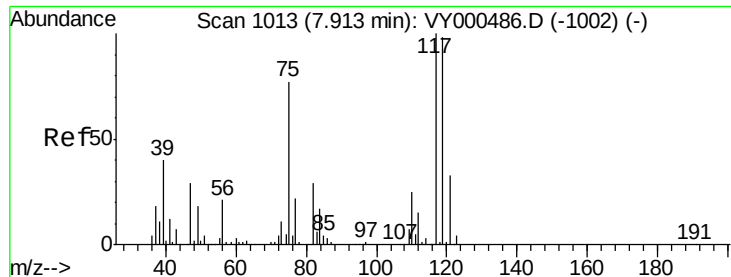
Tot Ion:113 Resp: 100515
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.7 122.5
 192 19.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.654 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000527.D
 Acq: 01 Nov 2019 16:37

Tgt Ion: 75 Resp: 14702
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.1 54.1#
 77 0.0 25.0 37.6#

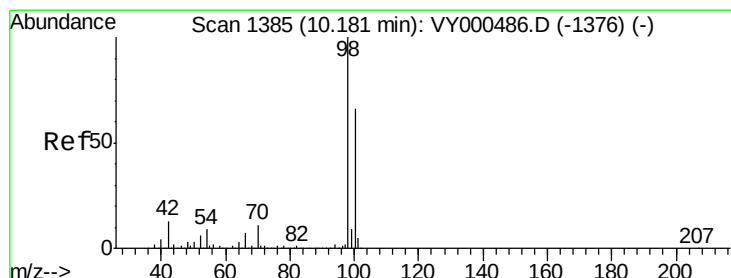
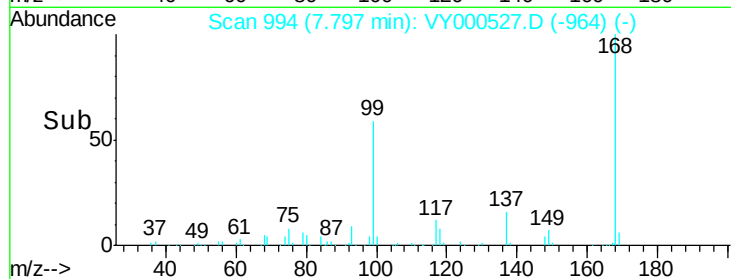
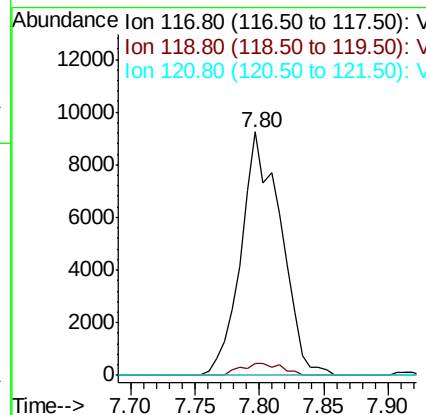
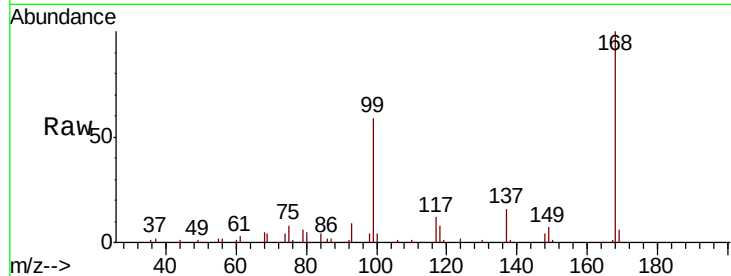




#38
Carbon Tetrachloride
Concen: 6.532 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

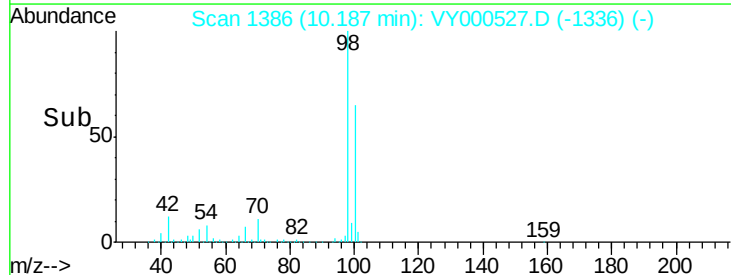
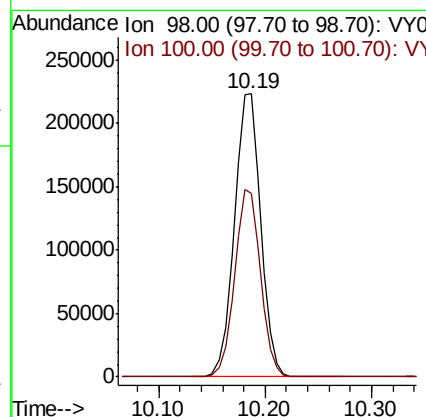
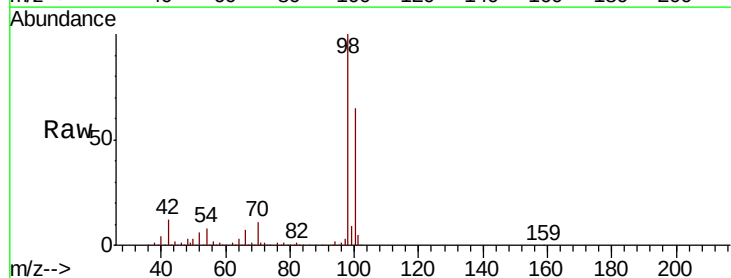
Instrument :
MSVOA_Y
ClientSampleId :

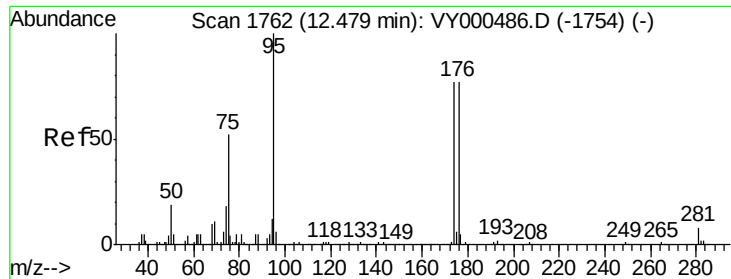
Tot Ion:117 Resp: 19857
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 52.063 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

Tgt Ion: 98 Resp: 387578
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

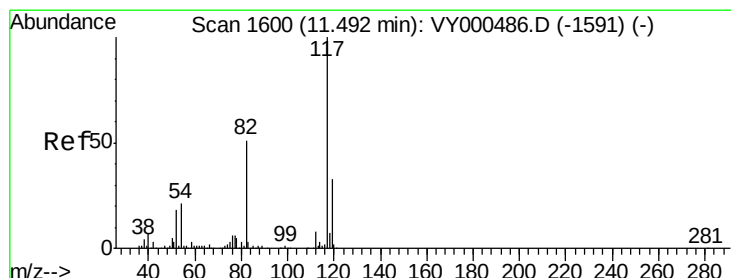
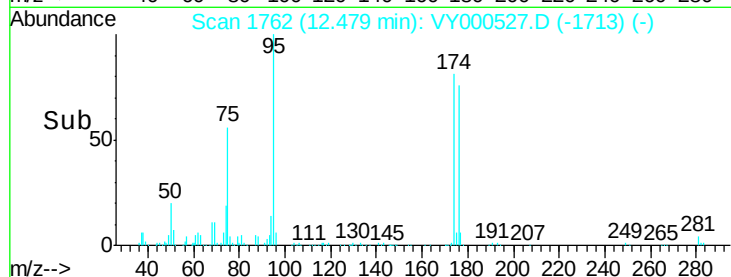
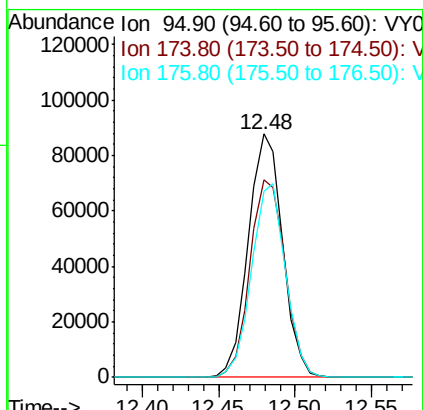
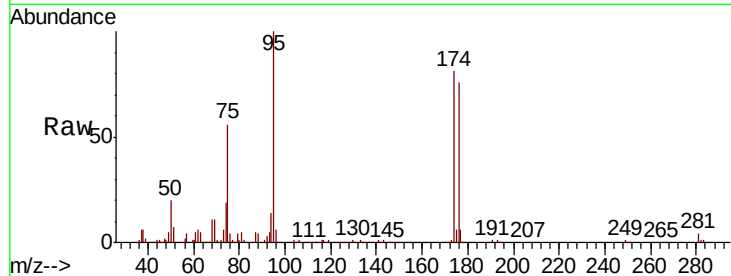




#62
4-Bromofluorobenzene
Concen: 48.265 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

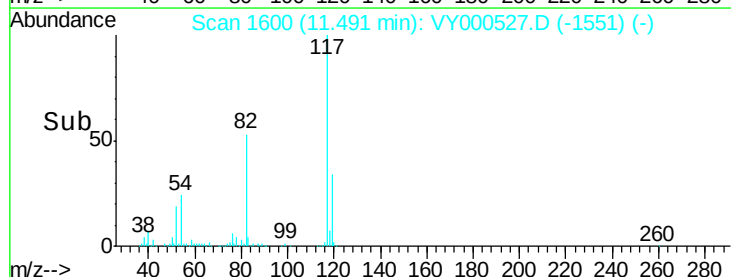
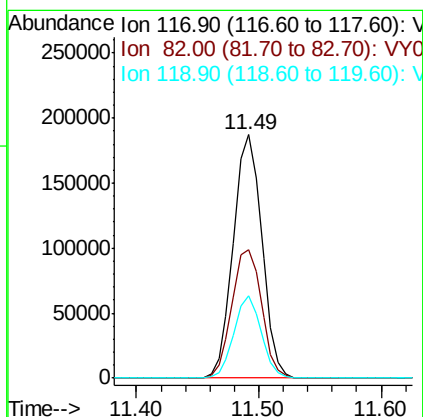
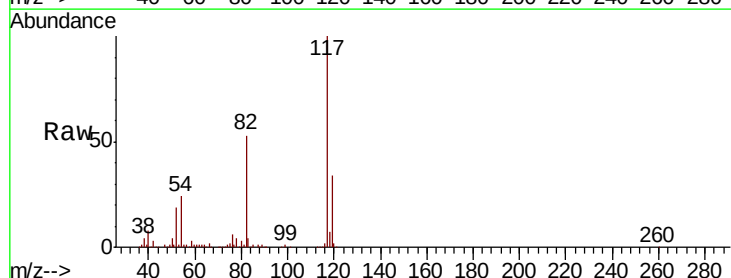
Instrument :
MSVOA_Y
ClientSampleId :

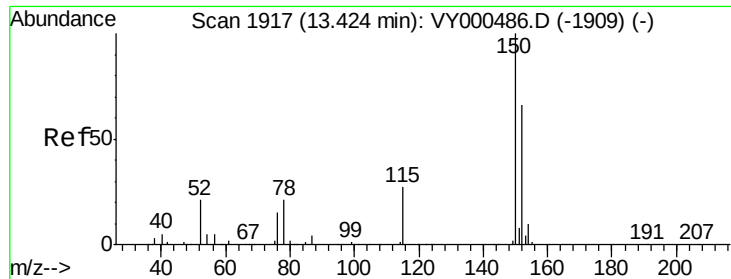
Tot Ion: 95 Resp: 136784
Ion Ratio Lower Upper
95 100
174 83.2 0.0 161.6
176 79.1 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

Tgt Ion: 117 Resp: 302585
Ion Ratio Lower Upper
117 100
82 52.8 40.8 61.2
119 33.9 26.2 39.2



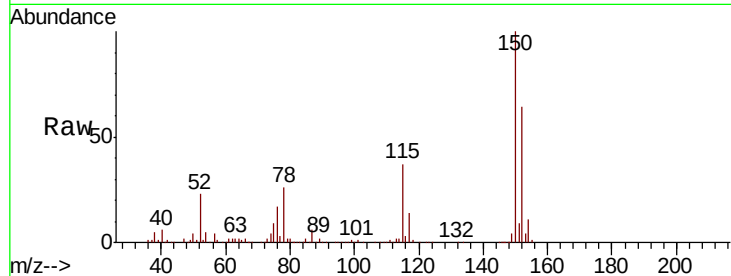


#72

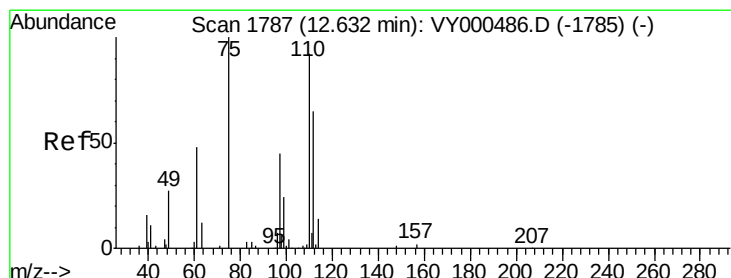
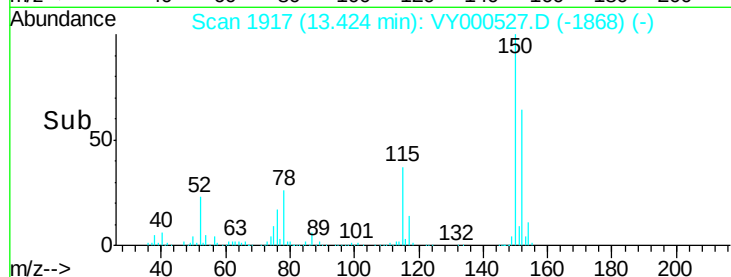
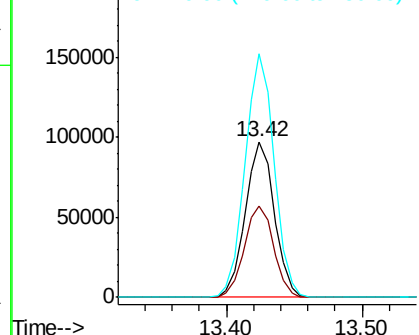
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.1	87.4
150	156.3	0.0	348.8



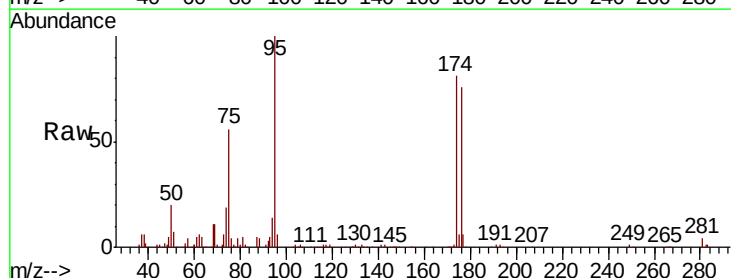
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



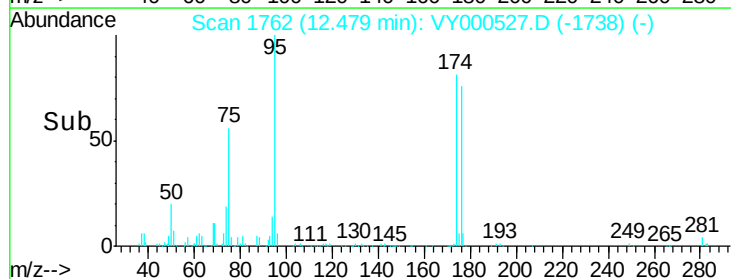
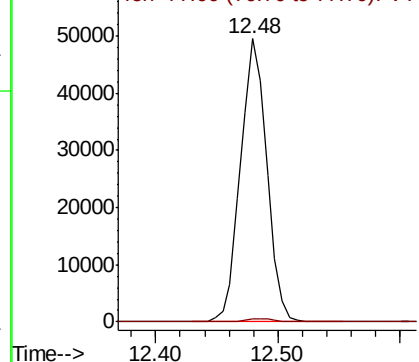
#76

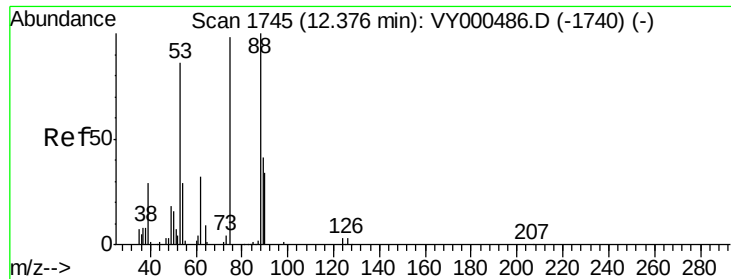
1,2,3-Trichloropropane
Concen: 44.543 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

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: 99.872 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 73560

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 35.9 53.9#

