

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000629.D
 Acq On : 08 Nov 2019 19:38
 Operator : SY/MD
 Sample : K5722-04RE
 Misc : 8.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-D

Quant Time: Nov 11 04:46:59 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

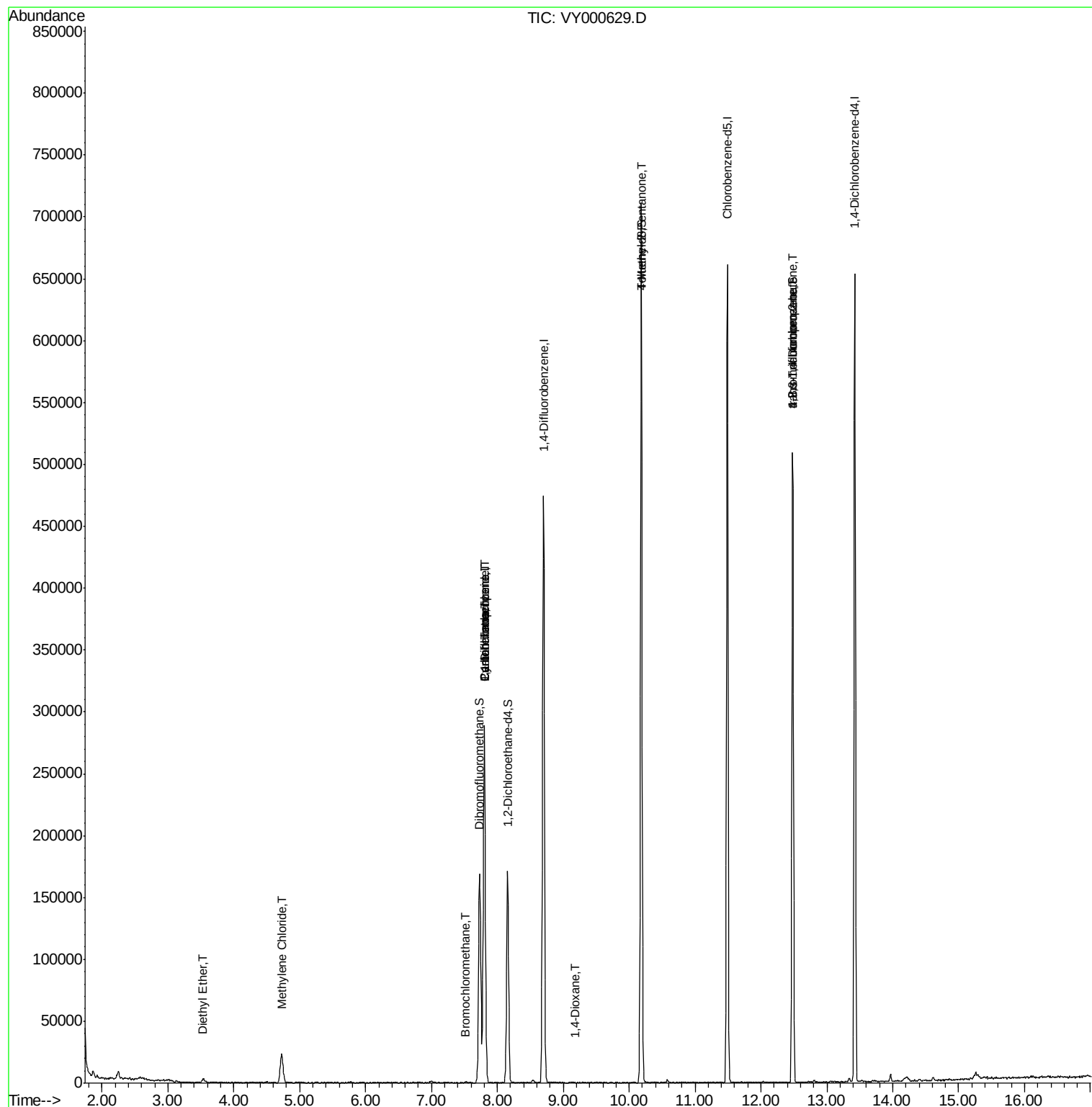
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	392679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	343967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	129136	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
35) Dibromofluoromethane	7.73	113	116346	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.18	98	456013	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.48	95	150447	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.53	74	1842	1.404	ug/l	96
20) Methylene Chloride	4.72	84	16824	6.340	ug/l	96
28) Bromochloromethane	7.50	49	19	4.102	ug/l #	14
31) Cyclohexane	7.80	56	5101	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17556	4.729	ug/l #	48
38) Carbon Tetrachloride	7.80	117	21173	5.928	ug/l #	14
49) 1,4-Dioxane	9.19	88	38	1.917	ug/l #	27
51) 4-Methyl-2-Pentanone	10.18	43	2238	1.017	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	83718	48.222	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83718	108.119	ug/l #	13

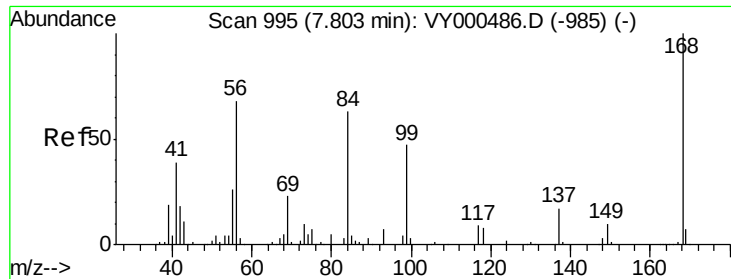
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
Data File : VY000629.D
Acq On : 08 Nov 2019 19:38
Operator : SY/MD
Sample : K5722-04RE
Misc : 8.15G/5ML/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
4-D

Quant Time: Nov 11 04:46:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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: VY000629.D

Acq: 08 Nov 2019 19:38

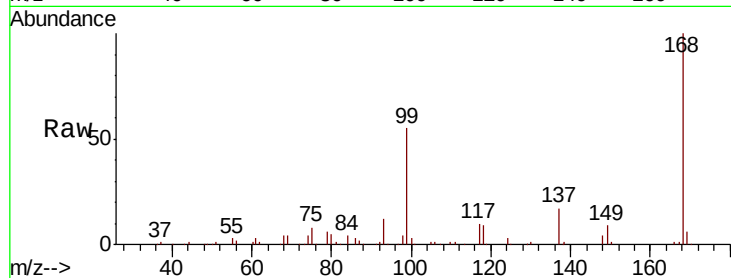
Instrument :
MSVOA_Y
ClientSampled :
4-D

Tot Ion:168 Resp: 217133

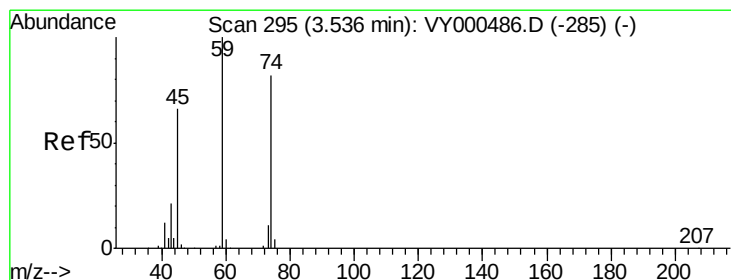
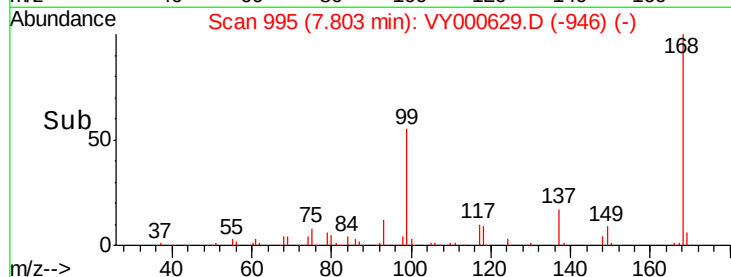
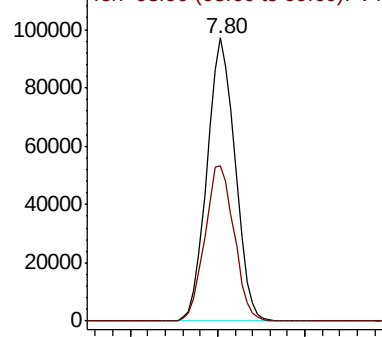
Ion Ratio Lower Upper

168 100

99 54.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#8

Diethyl Ether

Concen: 1.404 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY000629.D

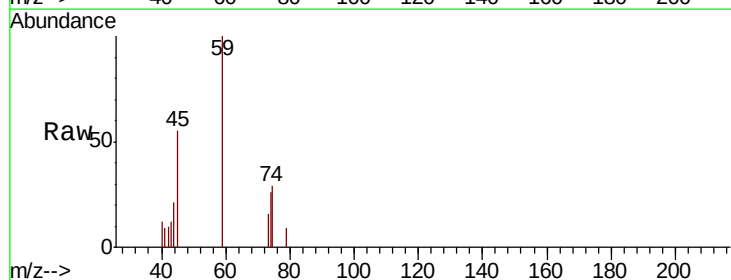
Acq: 08 Nov 2019 19:38

Tgt Ion: 74 Resp: 1842

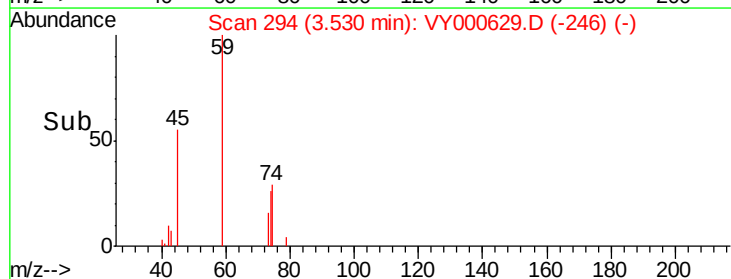
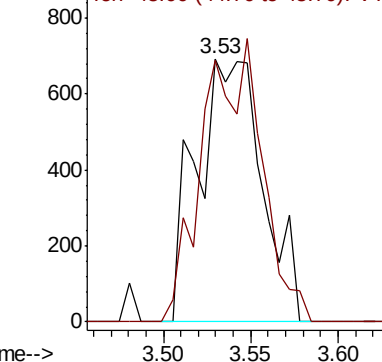
Ion Ratio Lower Upper

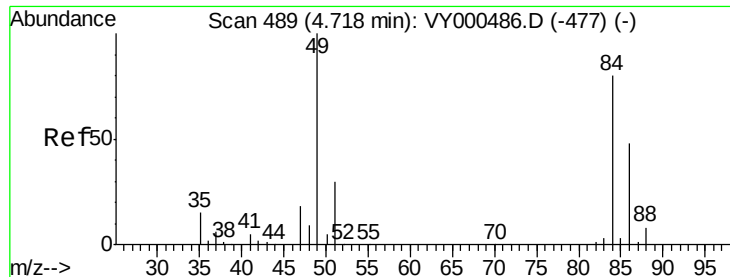
74 100

45 95.0 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

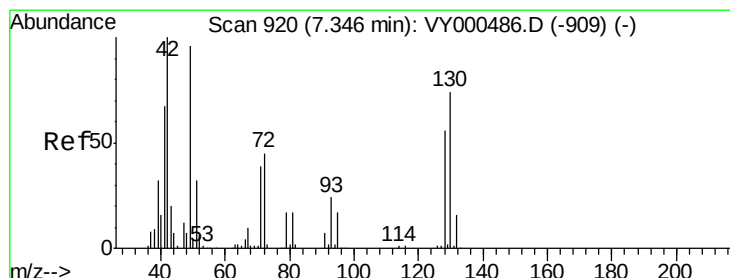
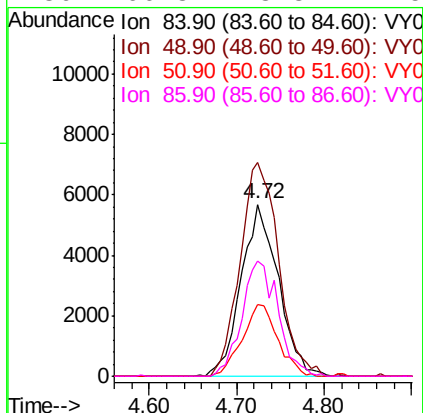
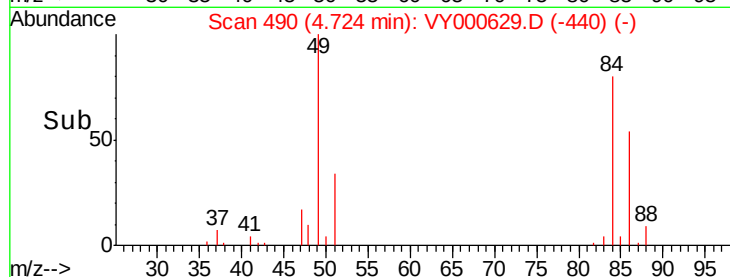
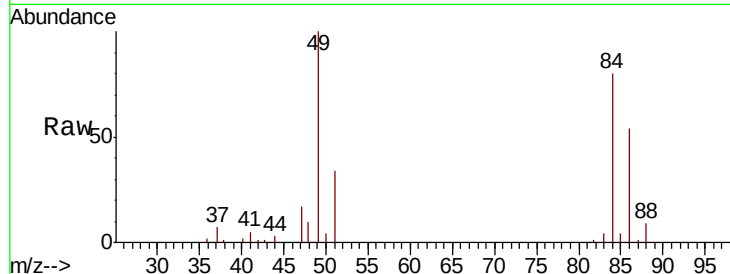




#20
Methvlene Chloride
Concen: 6.340 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

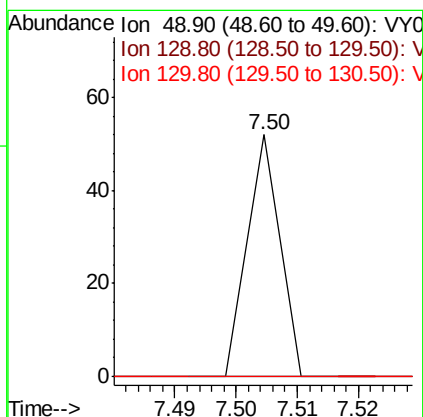
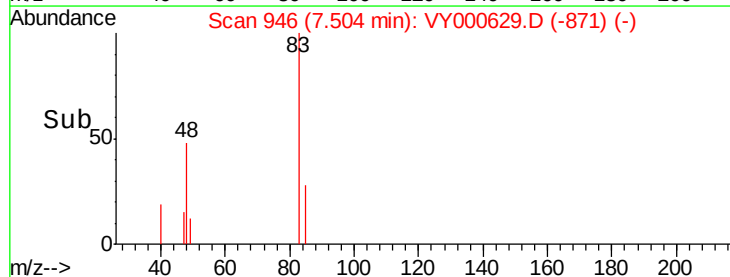
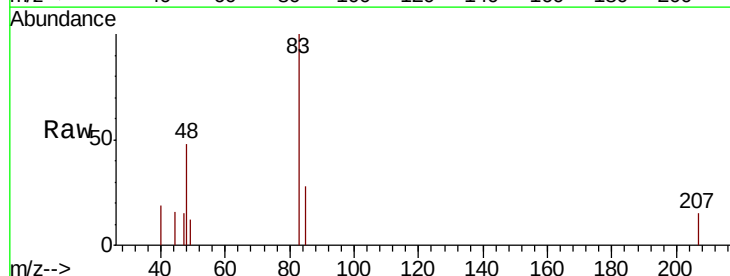
Instrument :
MSVOA_Y
ClientSampled :
4-D

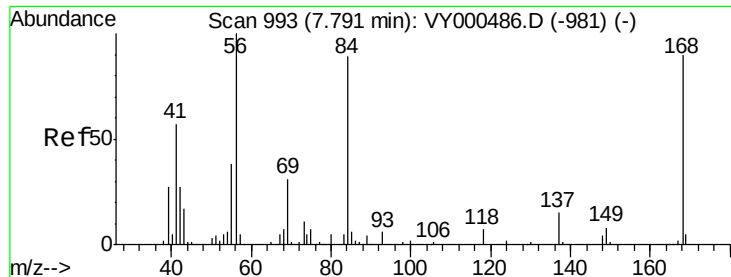
Tot Ion: 84 Resp: 16824
Ion Ratio Lower Upper
84 100
49 124.3 100.2 150.4
51 41.7 29.6 44.4
86 66.8 48.3 72.5



#28
Bromochloromethane
Concen: 4.102 ug/l
RT: 7.50 min Scan# 946
Delta R.T. 0.16 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

Tgt Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#

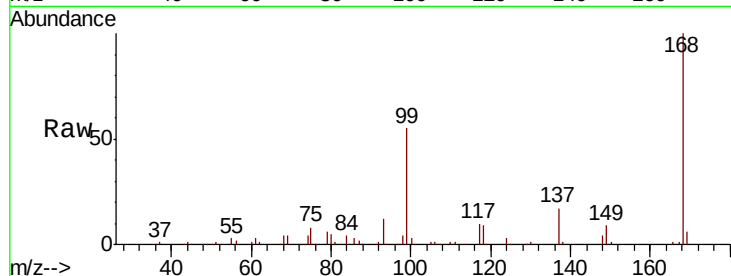




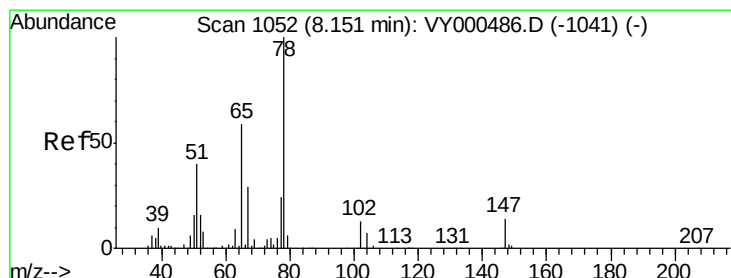
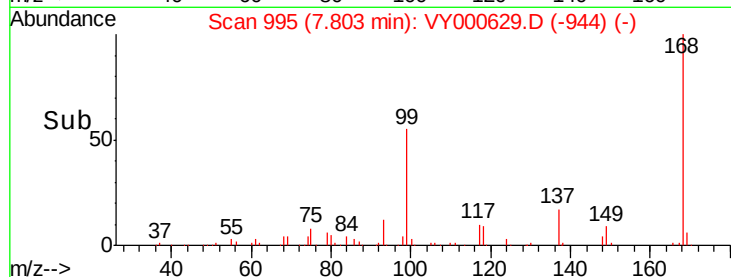
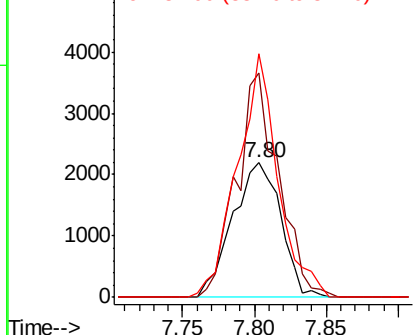
#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :
4-D

Tot Ion: 56 Resp: 5101
Ion Ratio Lower Upper
56 100
69 166.7 25.0 37.6#
84 181.1 71.4 107.2#

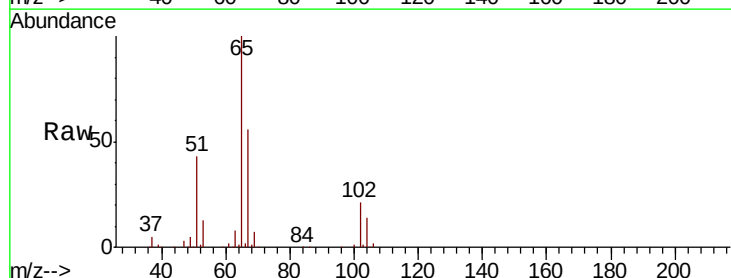


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

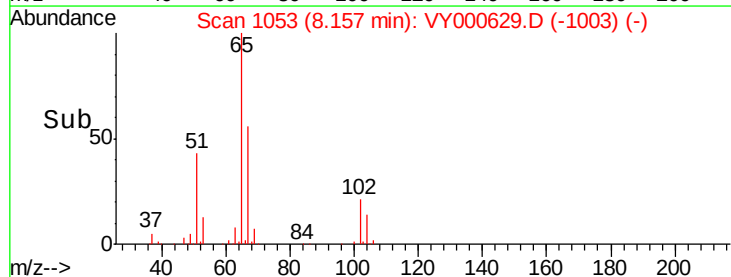
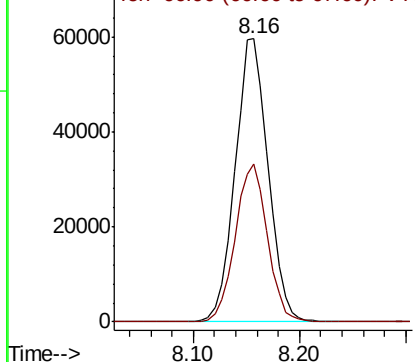


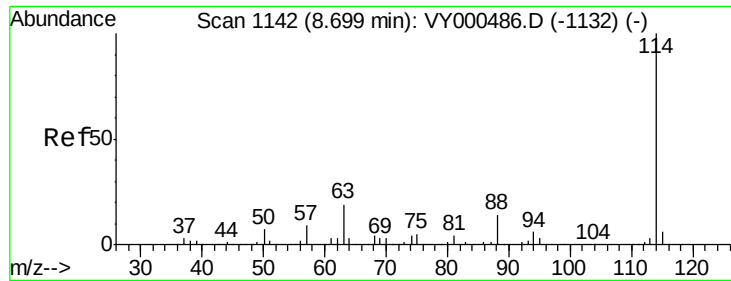
#33
1,2-Dichloroethane-d4
Concen: 57.469 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

Tgt Ion: 65 Resp: 129136
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2



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

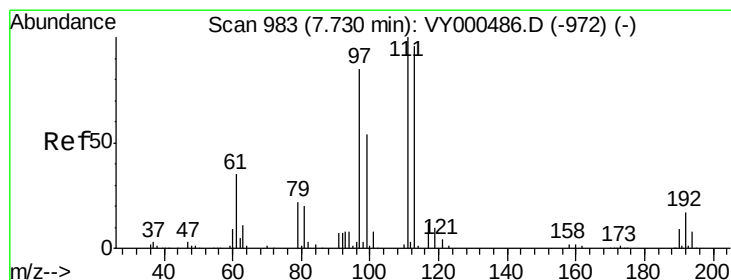
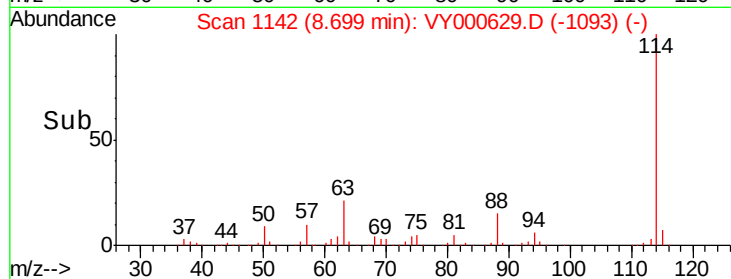
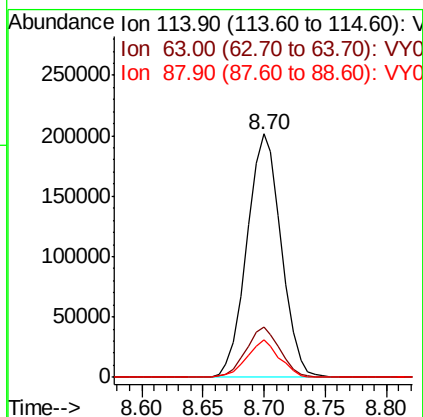
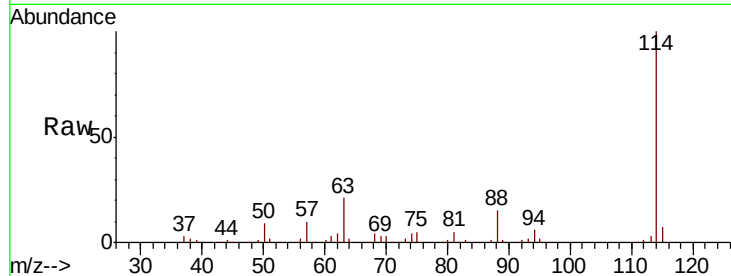




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000629.D
 Acq: 08 Nov 2019 19:38

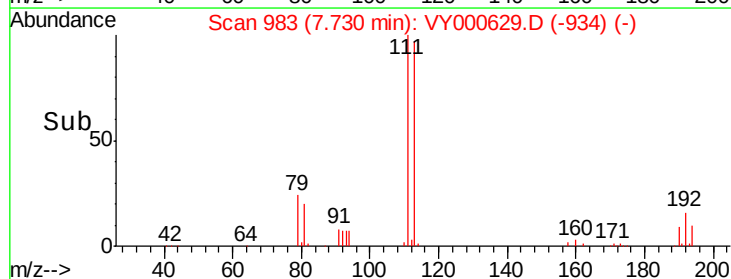
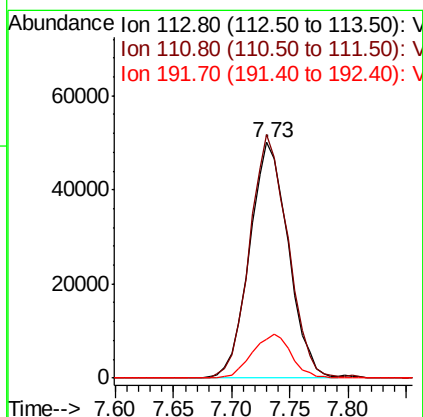
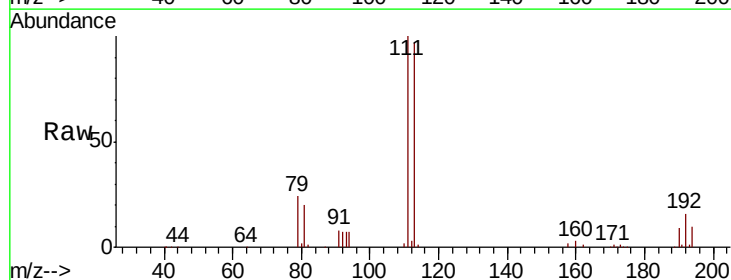
Instrument :
 MSVOA_Y
 ClientSampled :
 4-D

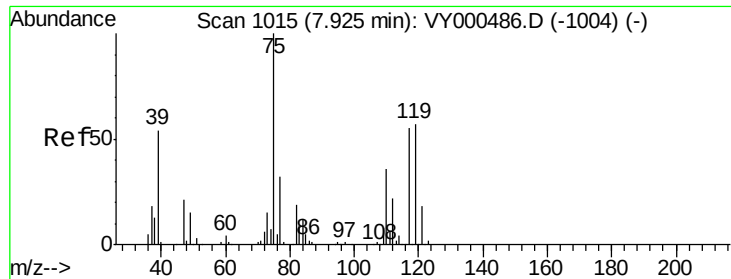
Tot Ion:114 Resp: 392679
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.0
 88 15.4 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 50.469 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000629.D
 Acq: 08 Nov 2019 19:38

Tgt Ion:113 Resp: 116346
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 18.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.729 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000629.D

Acq: 08 Nov 2019 19:38

Instrument :

MSVOA_Y

ClientSampled :

4-D

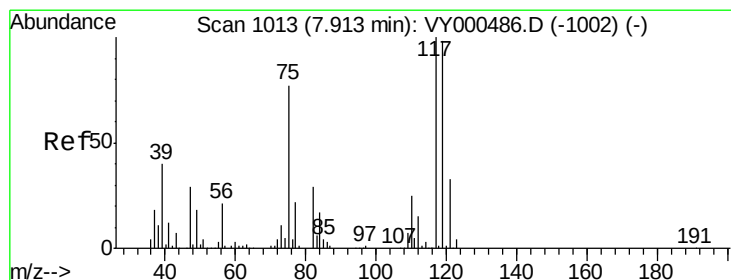
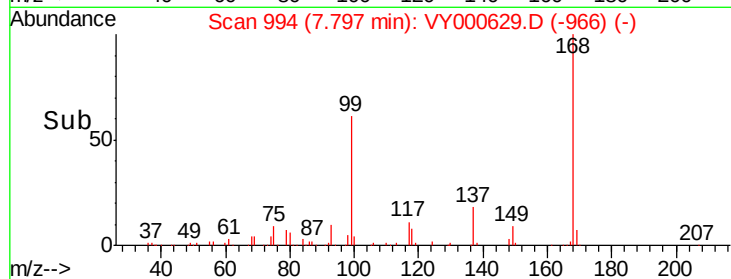
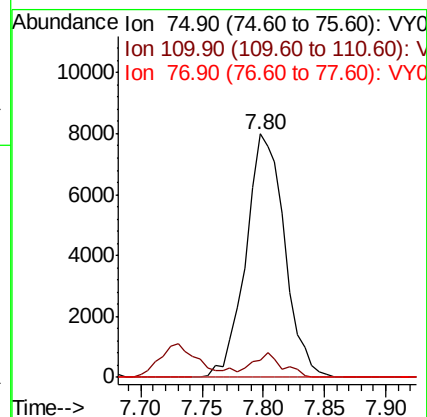
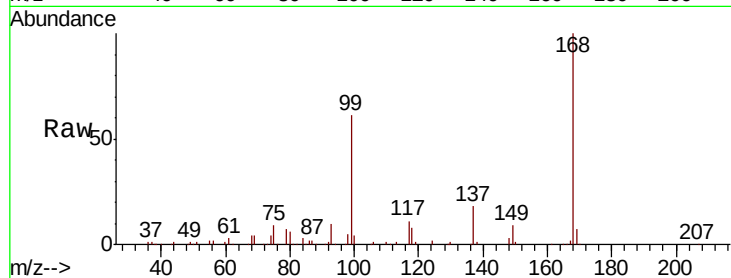
Tot Ion: 75 Resp: 17556

Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.1#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.928 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000629.D

Acq: 08 Nov 2019 19:38

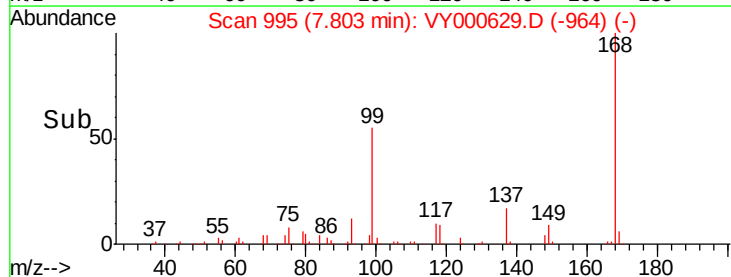
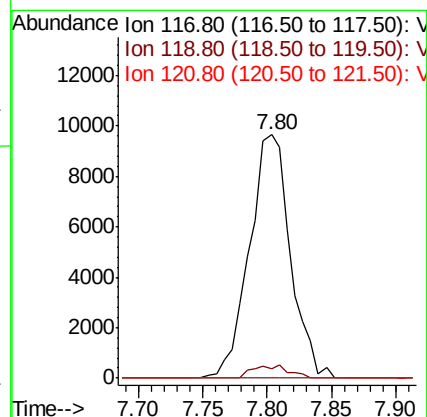
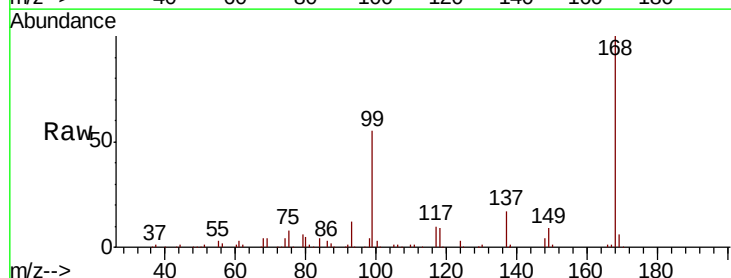
Tgt Ion: 117 Resp: 21173

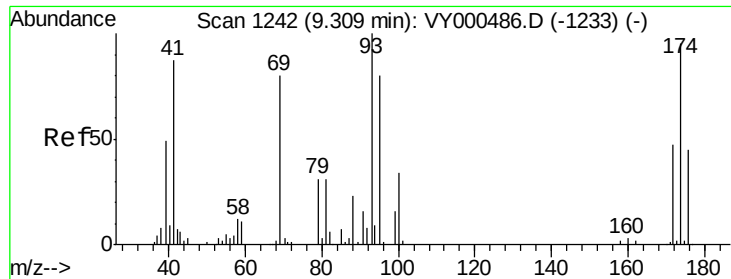
Ion Ratio Lower Upper

117 100

119 4.0 78.0 117.0#

121 0.0 26.6 40.0#

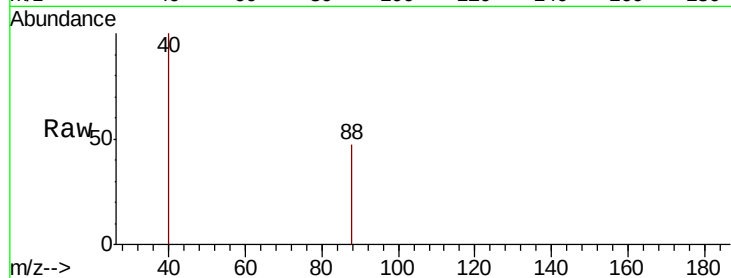




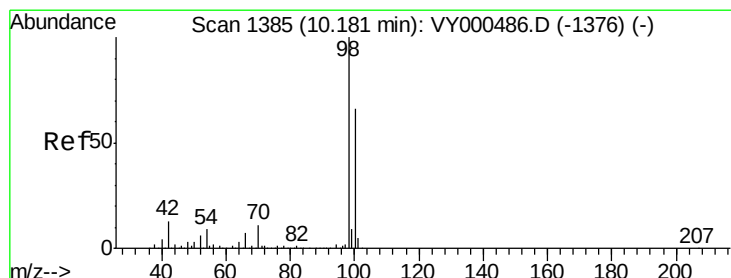
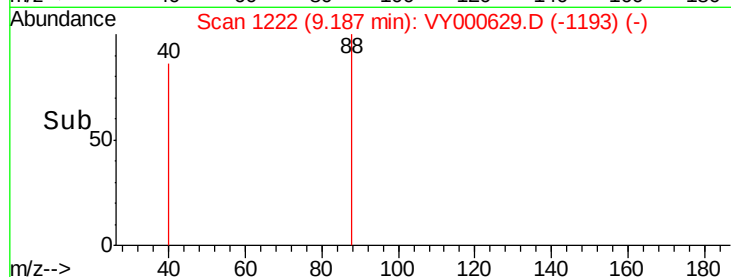
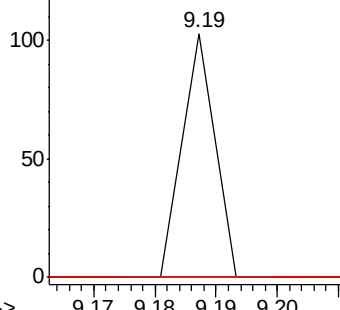
#49
 1,4-Dioxane
 Concen: 1.917 ug/l
 RT: 9.19 min Scan# 1222
 Delta R.T. -0.12 min
 Lab File: VY000629.D
 Acq: 08 Nov 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampled :
 4-D

Tot Ion: 88 Resp: 38
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.1 37.7#
 58 0.0 50.6 75.8#

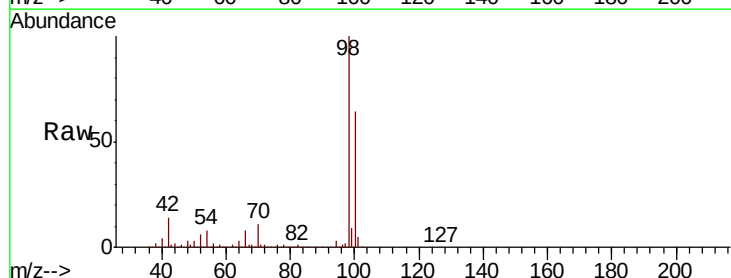


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

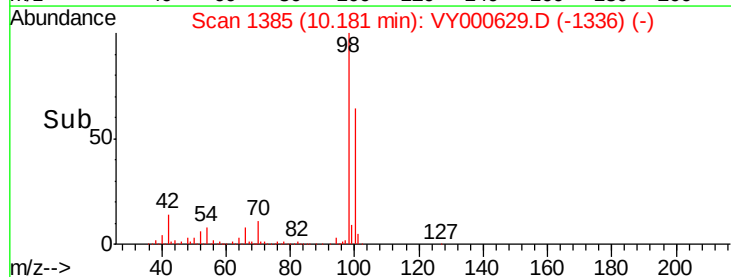
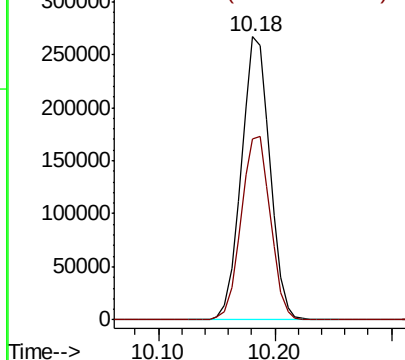


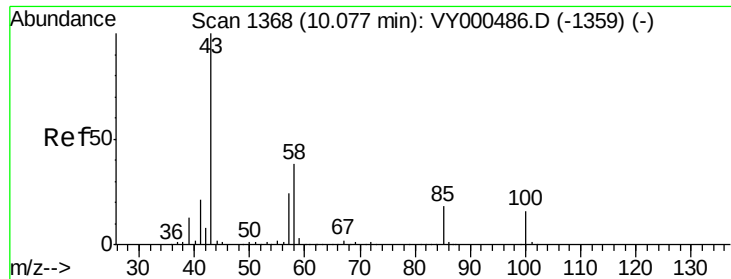
#50
 Toluene-d8
 Concen: 52.132 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000629.D
 Acq: 08 Nov 2019 19:38

Tgt Ion: 98 Resp: 456013
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.9 79.3



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

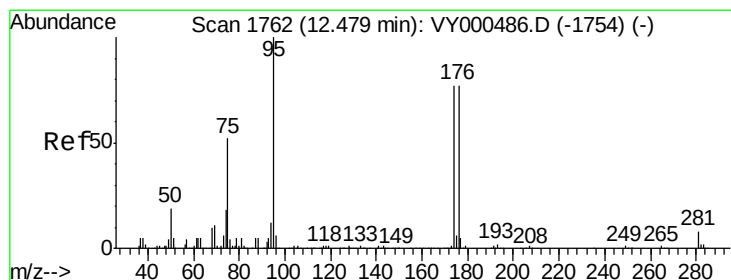
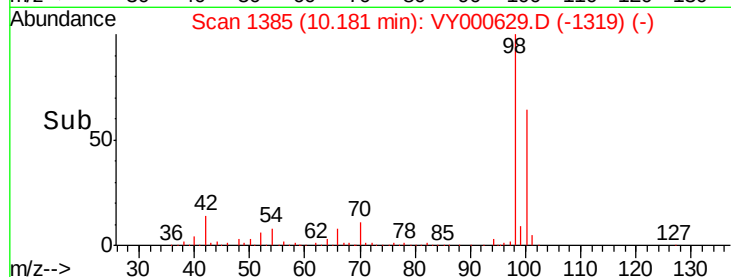
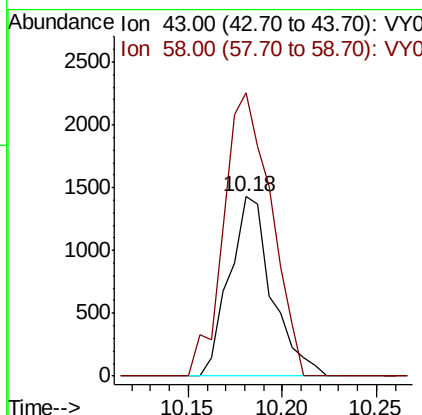
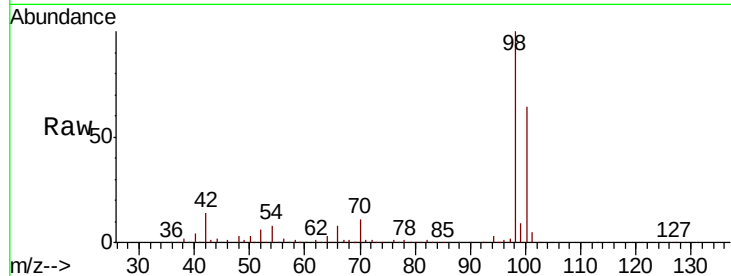




#51
4-Methyl-2-Pentanone
Concen: 1.017 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.10 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

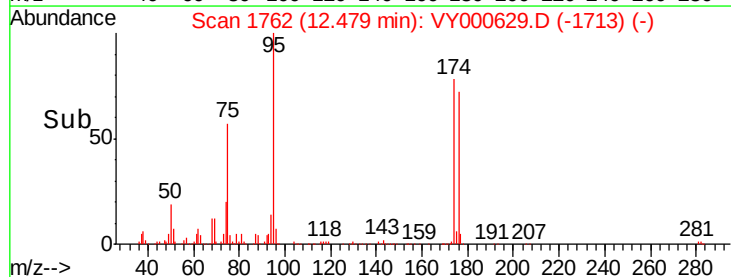
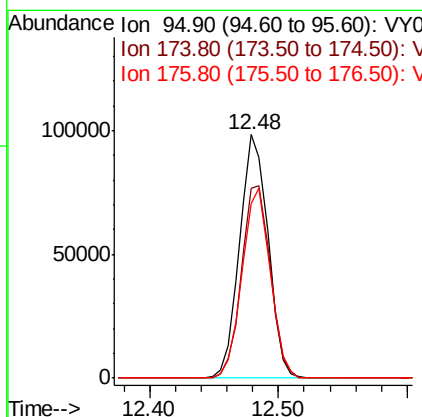
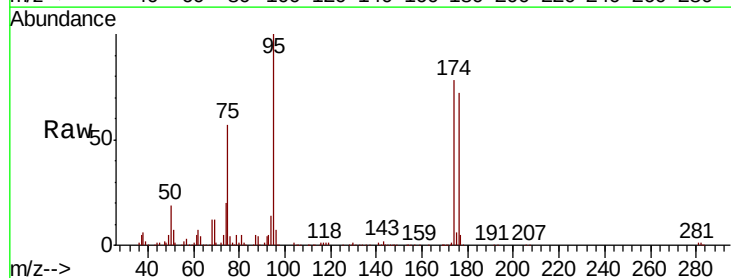
Instrument :
MSVOA_Y
ClientSampled :
4-D

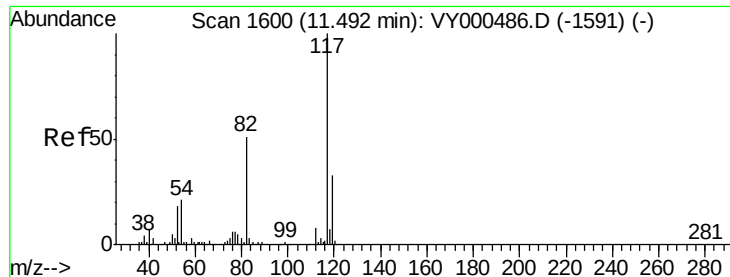
Tot Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
58 175.9 30.2 45.4#



#62
4-Bromofluorobenzene
Concen: 45.179 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

Tgt Ion: 95 Resp: 150447
Ion Ratio Lower Upper
95 100
174 79.7 0.0 161.6
176 77.0 0.0 157.8

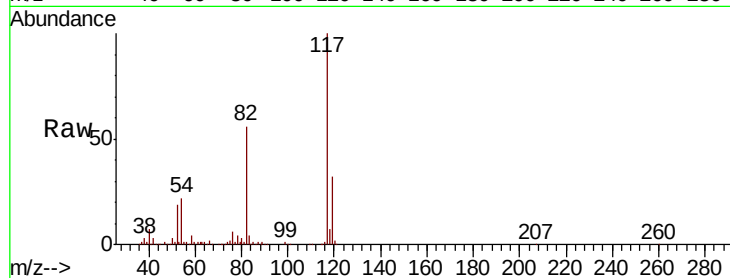




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :
4-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.8	61.2
119	32.3	26.2	39.2

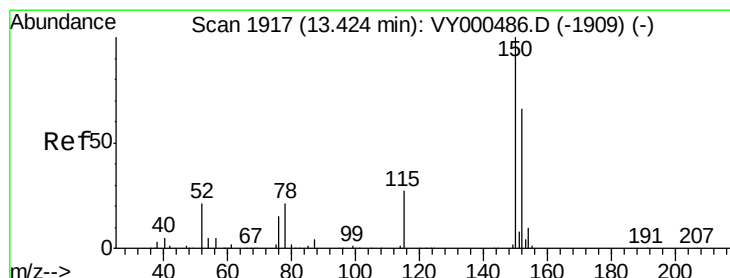
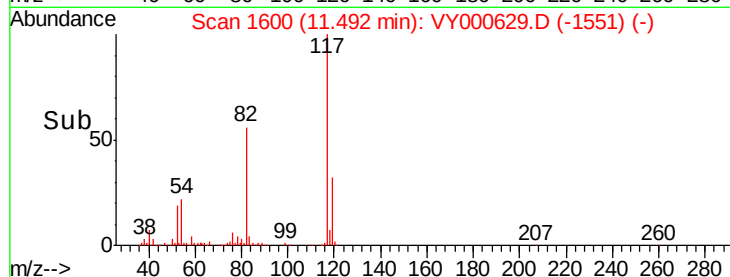
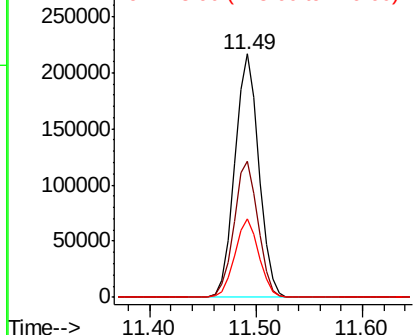


Abundance

Ion 116.90 (116.60 to 117.60): V

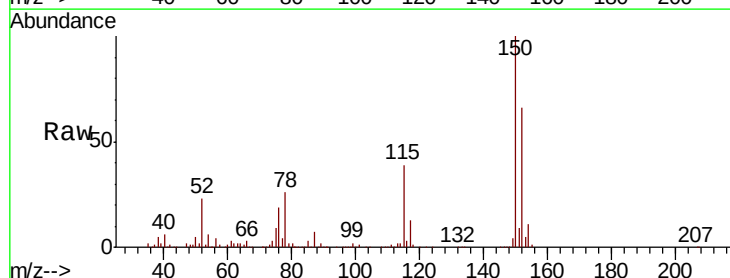
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.4
150	155.1	0.0	348.8

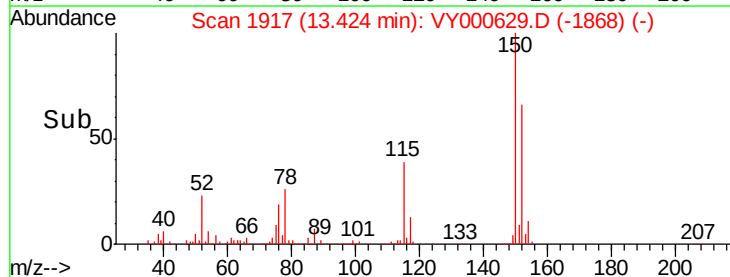
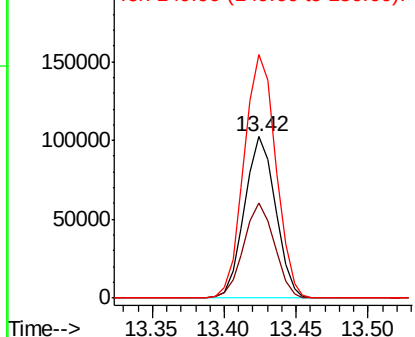


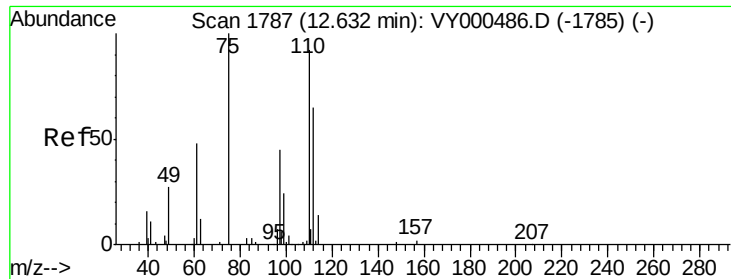
Abundance

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: 48.222 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000629.D

Acq: 08 Nov 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

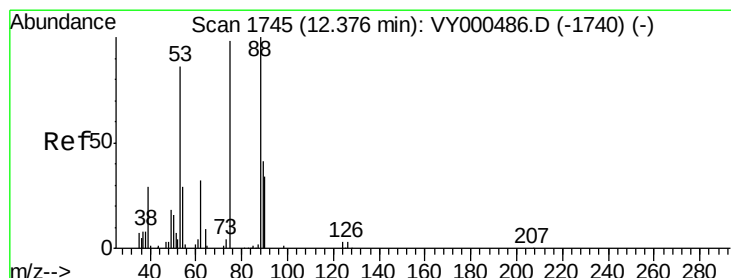
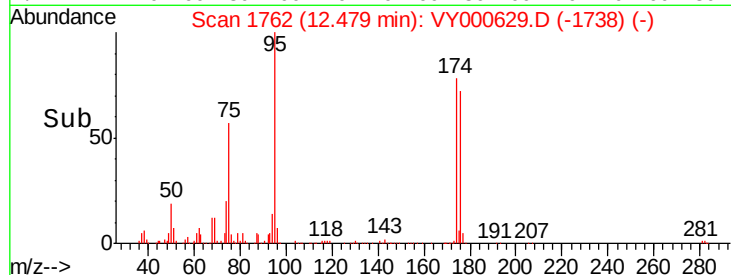
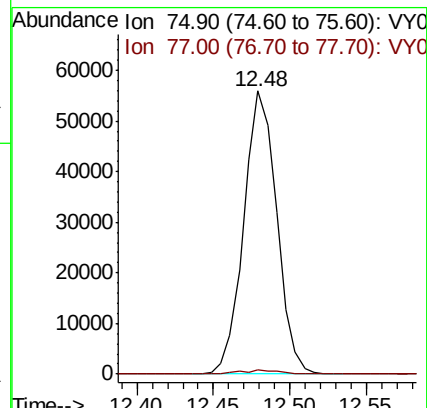
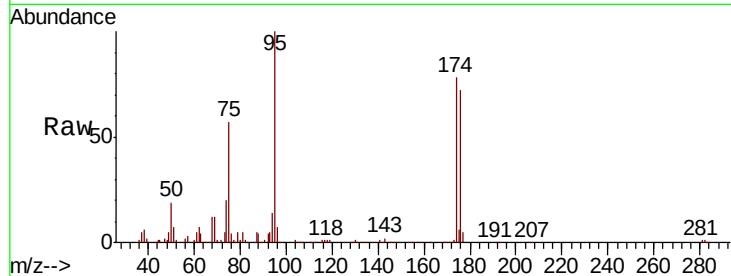
4-D

Tot Ion: 75 Resp: 83718

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.119 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000629.D

Acq: 08 Nov 2019 19:38

Tgt Ion: 75 Resp: 83718

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 35.9 53.9#

