

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000429.D
 Acq On : 25 Oct 2019 15:19
 Operator : SY/MD
 Sample : K5539-06
 Misc : 5.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:45:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	342005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128525	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	115274	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
35) Dibromofluoromethane	7.73	113	100479	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	10.19	98	395797	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	125423	41.60	ug/l	0.00
Spiked Amount			Recovery	=	83.20%	

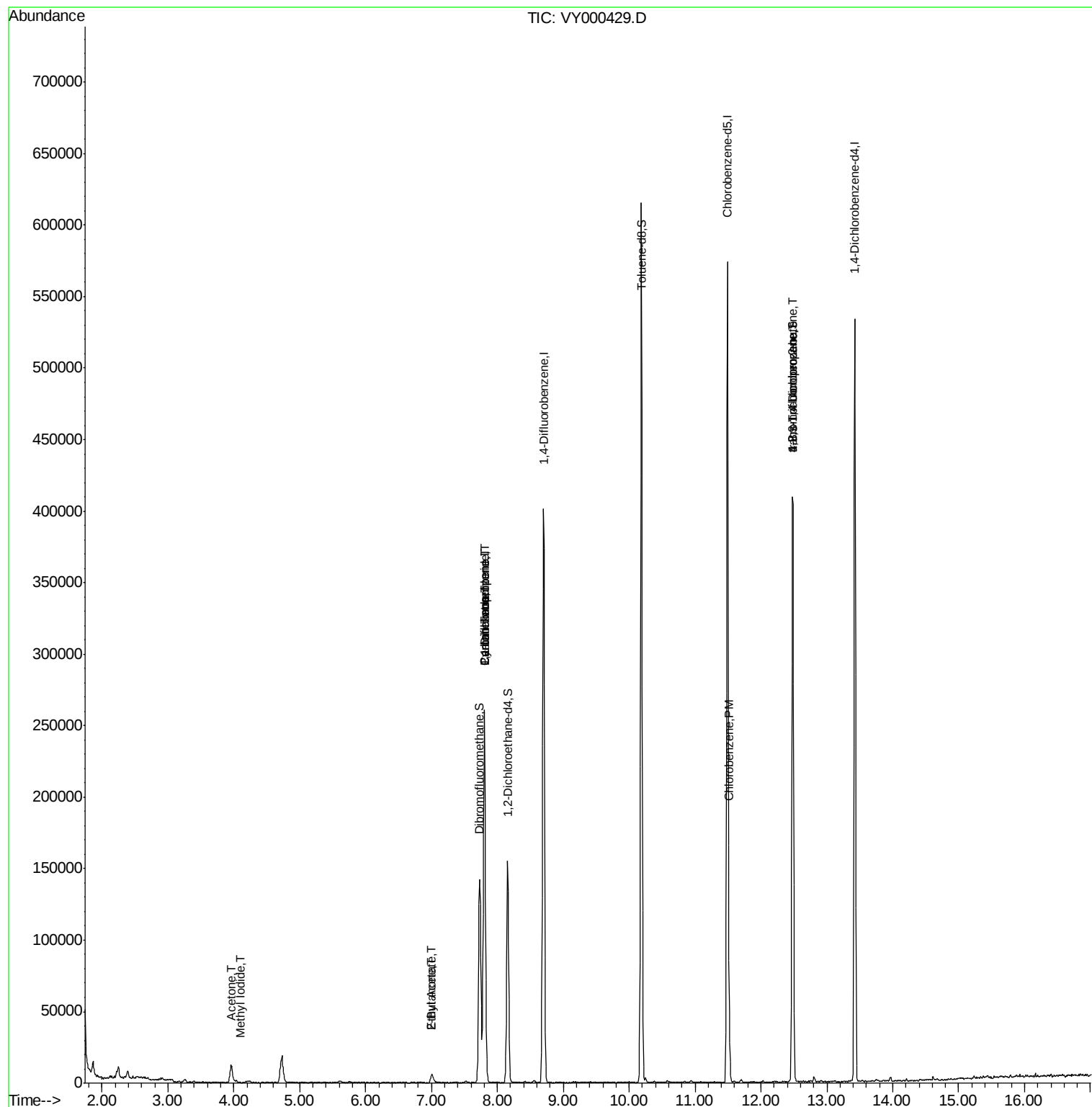
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.16	85	24	Below Cal	#	41
10) Methyl Iodide	4.10	142	44	1.201	ug/l #	80
16) Acetone	3.96	43	20650	30.075	ug/l	94
25) 2-Butanone	7.00	43	9381	9.699	ug/l	93
31) Cyclohexane	7.80	56	4392	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15681	4.683	ug/l #	48
37) Ethyl Acetate	7.00	43	9381	4.731	ug/l #	69
38) Carbon Tetrachloride	7.80	117	18714	5.772	ug/l #	20
65) Chlorobenzene	11.52	112	20934	3.393	ug/l	95
76) 1,2,3-Trichloropropane	12.48	75	65857	41.671	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	65857	91.174	ug/l #	14

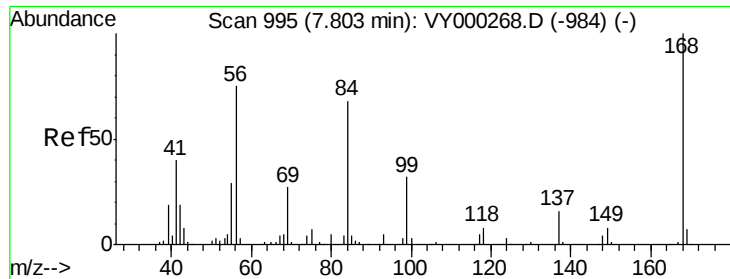
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
Data File : VY000429.D
Acq On : 25 Oct 2019 15:19
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MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:45:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 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: VY000429.D

Acq: 25 Oct 2019 15:19

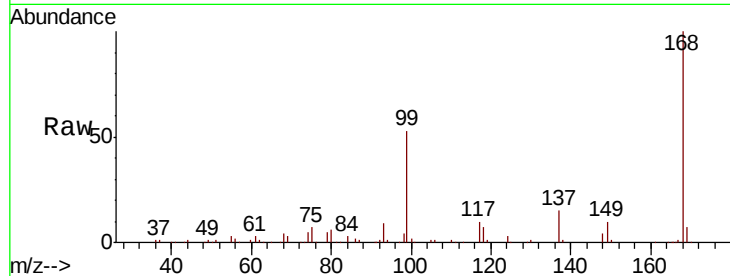
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 200996

Ion Ratio Lower Upper

168 100

99 53.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

100000

80000

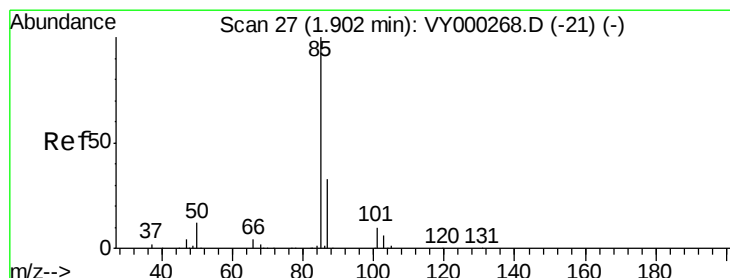
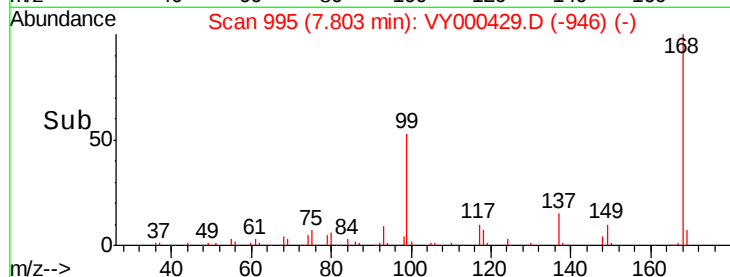
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.16 min Scan# 69

Delta R.T. 0.26 min

Lab File: VY000429.D

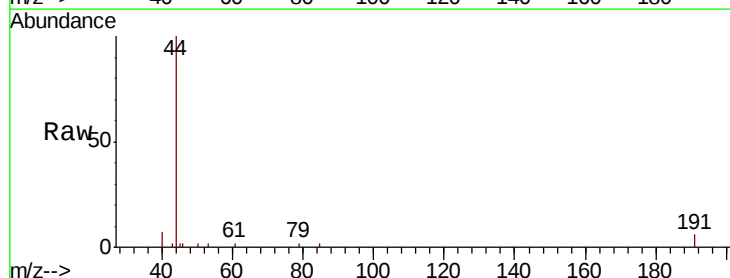
Acq: 25 Oct 2019 15:19

Tgt Ion: 85 Resp: 24

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000429.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000429.D (-1) (-)

2.16

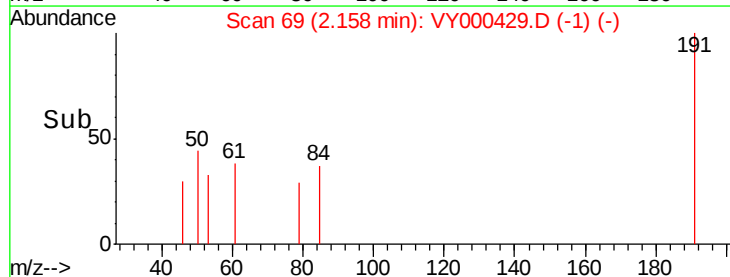
60

40

20

0

Time-->

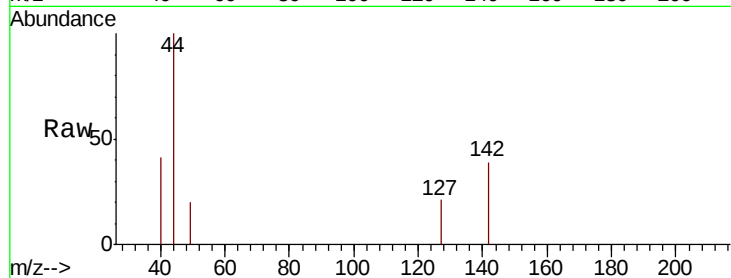




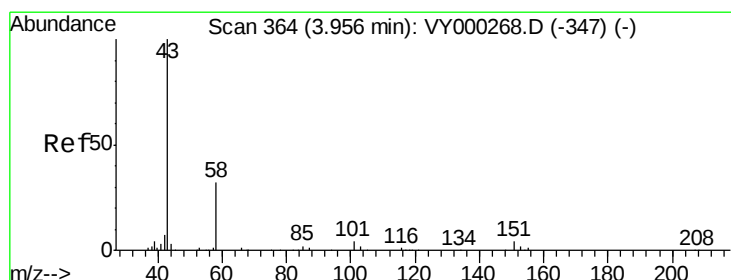
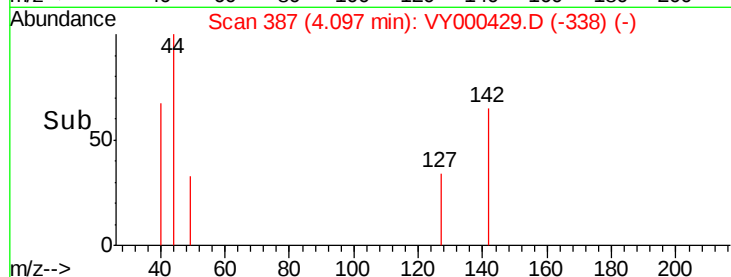
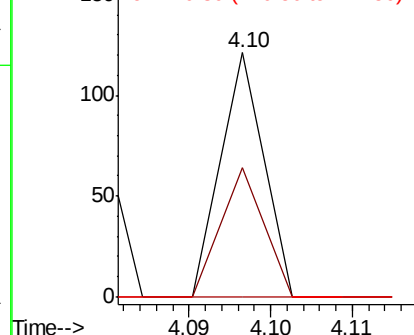
#10
Methvl Iodide
Concen: 1.201 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 52.3 33.9 50.9#
141 0.0 11.2 16.8#

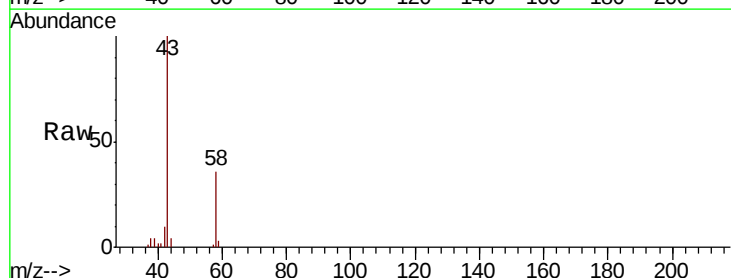


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

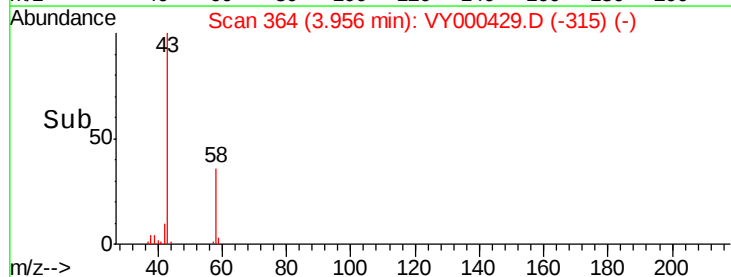
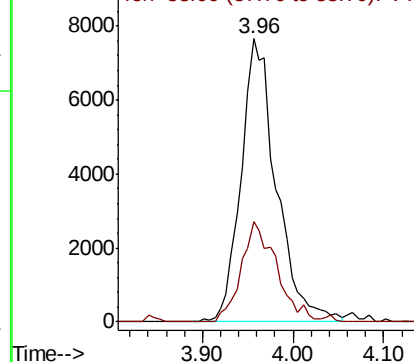


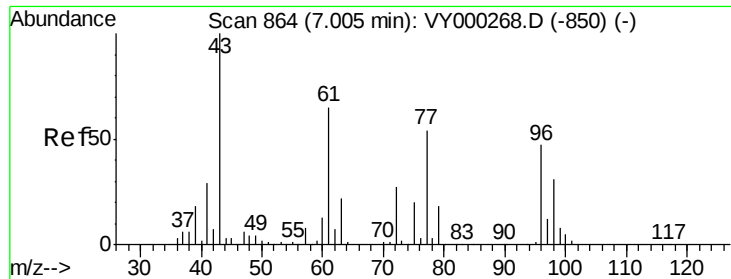
#16
Acetone
Concen: 30.075 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Tgt Ion: 43 Resp: 20650
Ion Ratio Lower Upper
43 100
58 35.5 25.8 38.6



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





#25

2-Butanone

Concen: 9.699 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

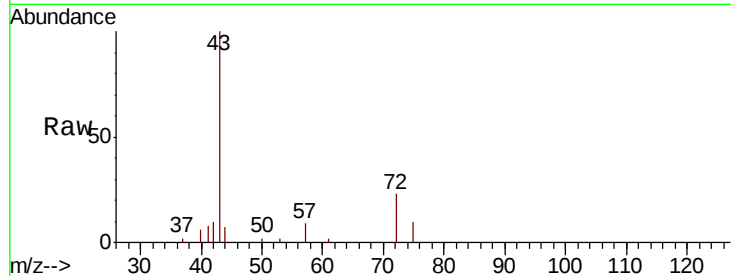
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 9381

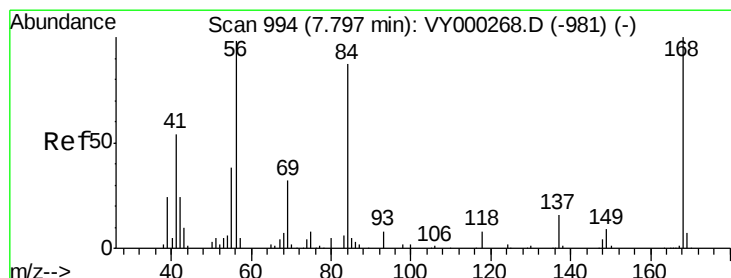
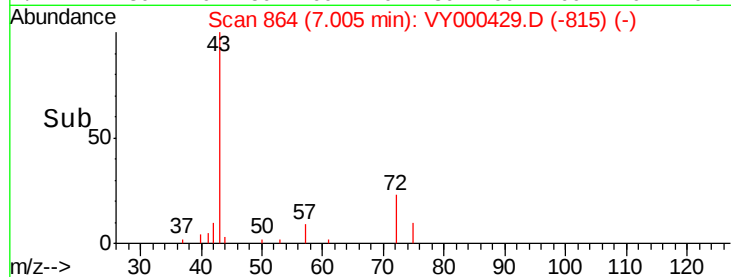
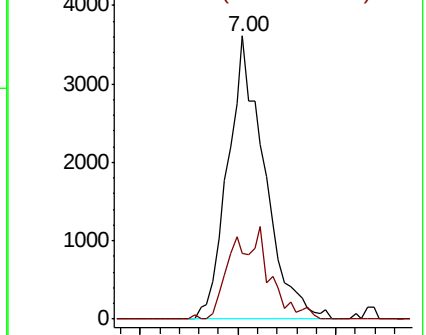
Ion Ratio Lower Upper

43 100

72 23.1 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.083 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

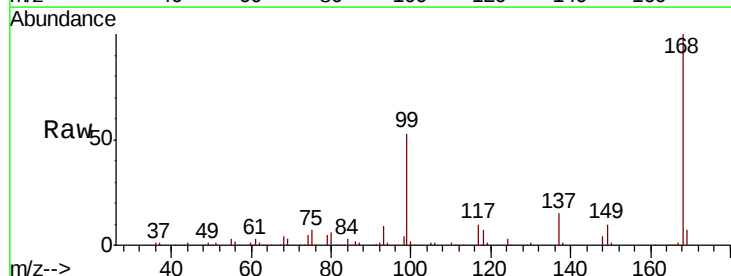
Tgt Ion: 56 Resp: 4392

Ion Ratio Lower Upper

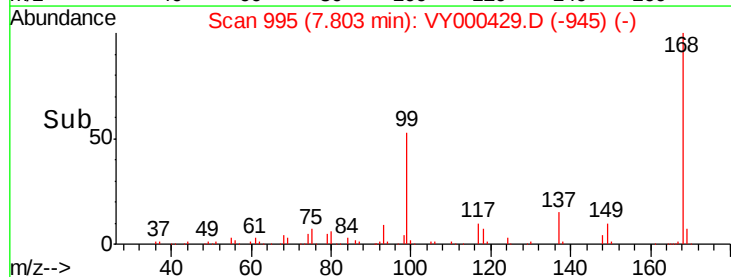
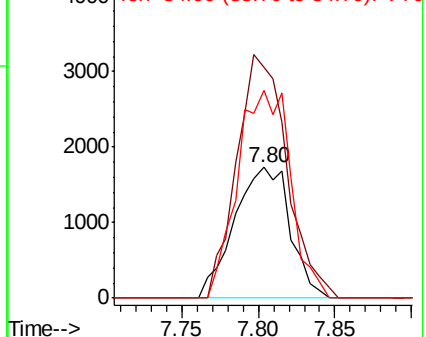
56 100

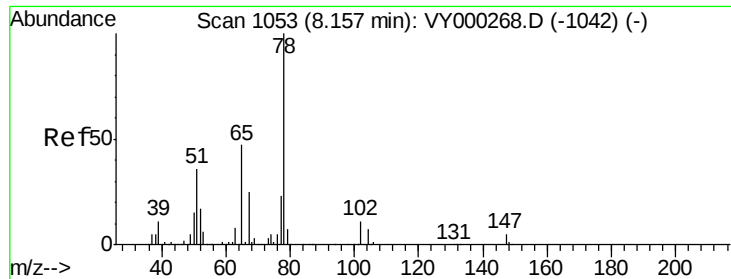
69 176.8 26.3 39.5#

84 159.1 70.8 106.2#



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

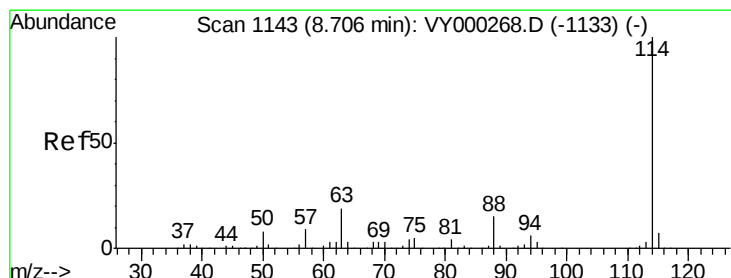
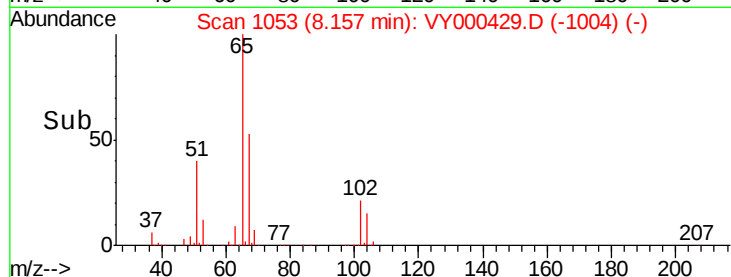
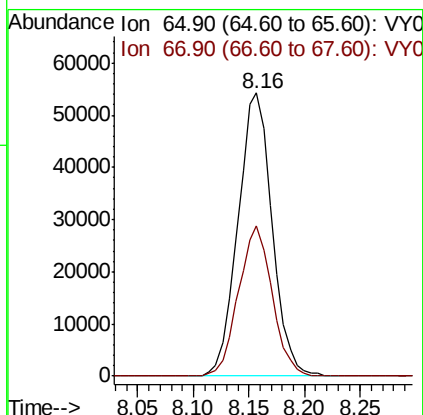
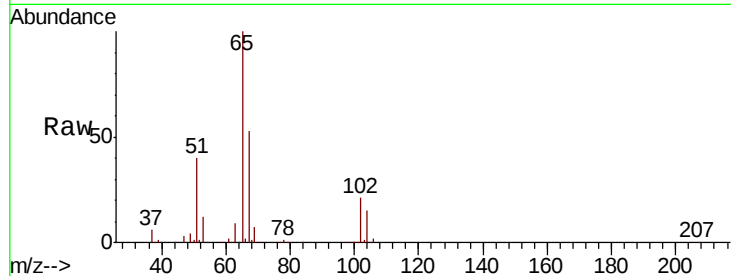




#33
 1,2-Dichloroethane-d4
 Concen: 54.370 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000429.D
 Acq: 25 Oct 2019 15:19

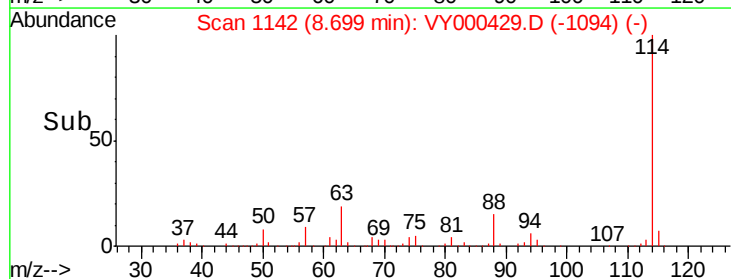
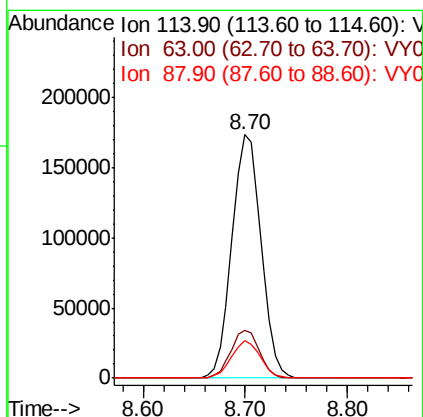
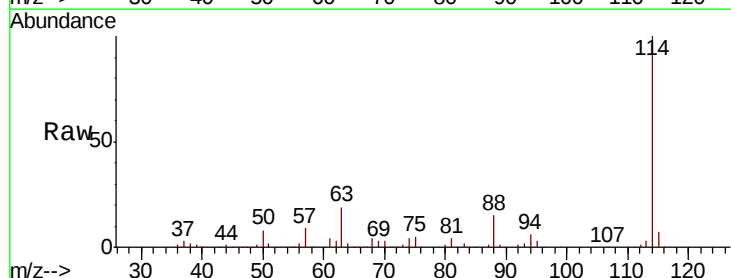
Instrument :
 MSVOA_Y
 ClientSampleId :

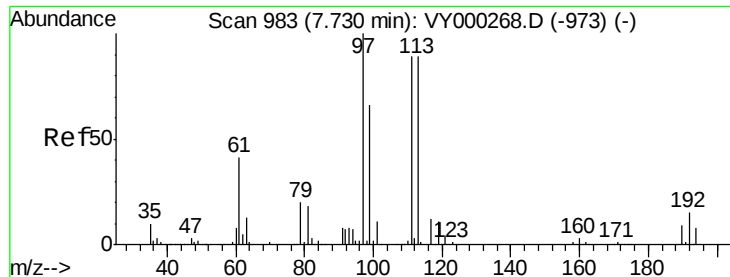
Tot Ion: 65 Resp: 115274
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000429.D
 Acq: 25 Oct 2019 15:19

Tgt Ion: 114 Resp: 342005
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 15.5 0.0 30.2

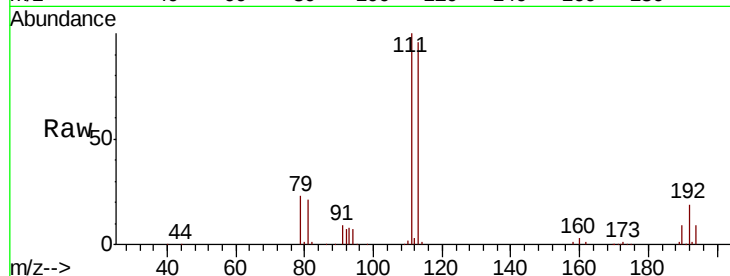




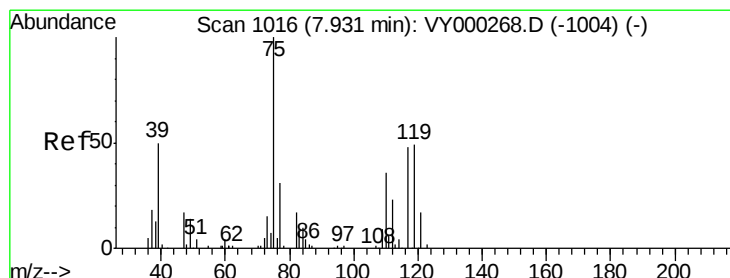
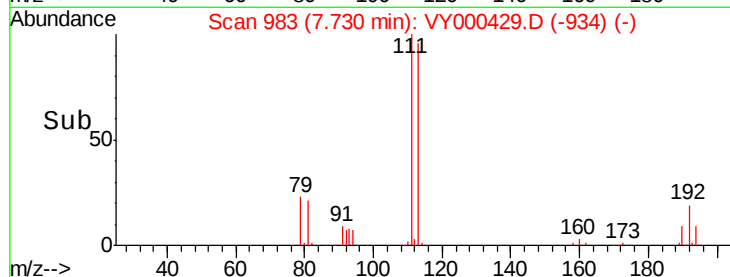
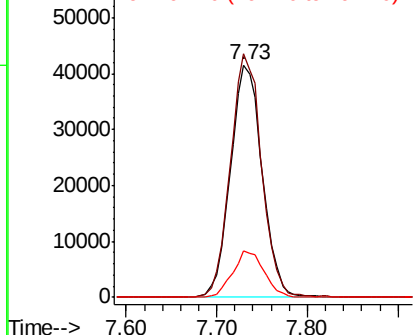
#35
 Dibromofluoromethane
 Concen: 48.705 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000429.D
 Acq: 25 Oct 2019 15:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	19.8	15.3	22.9

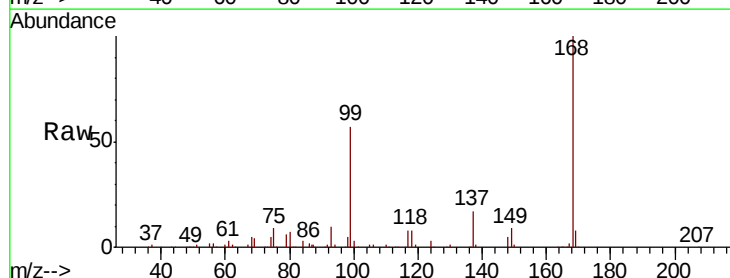


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

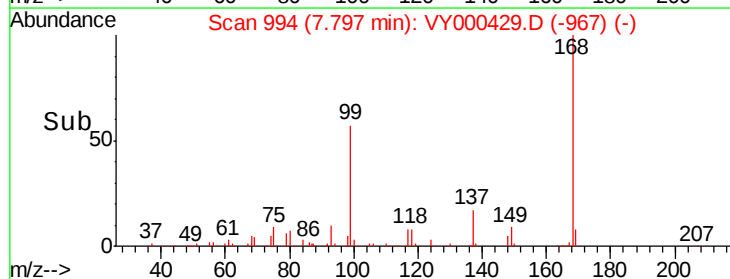
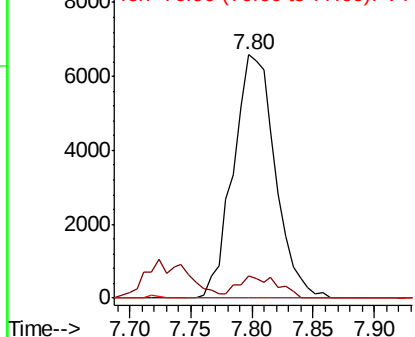


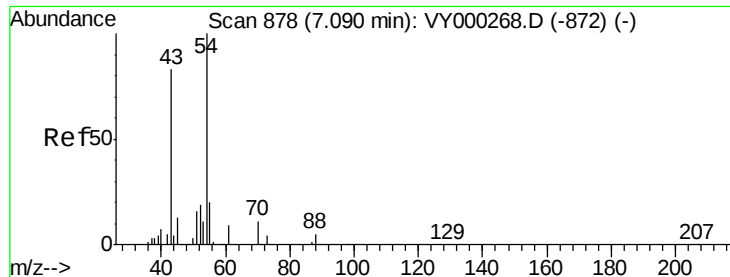
#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000429.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.4#
77	0.0	25.0	37.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

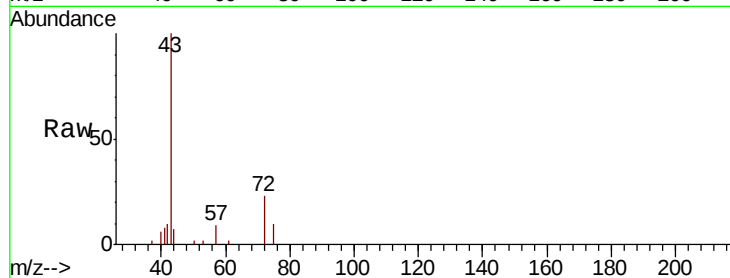




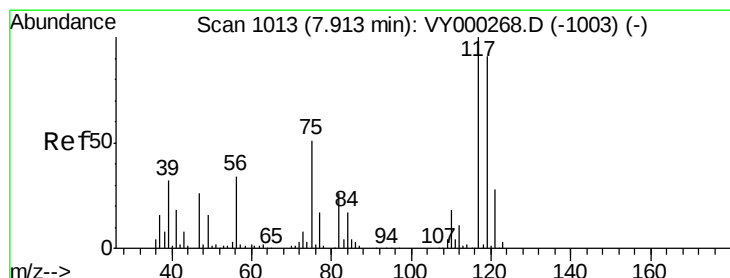
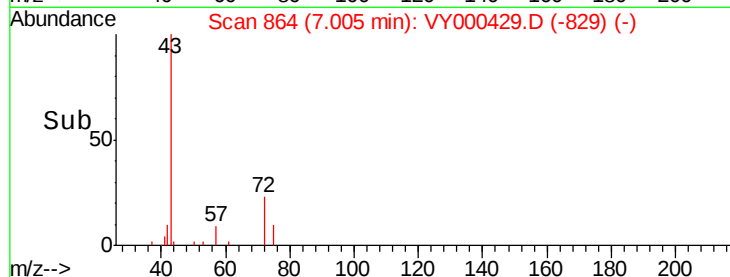
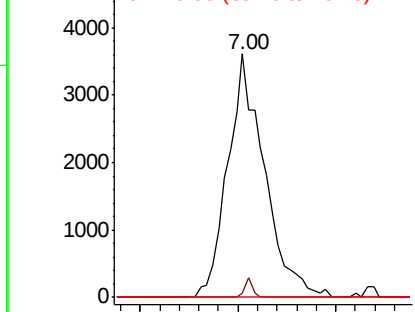
#37
Ethyl Acetate
Concen: 4.731 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.09 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 9381
Ion Ratio Lower Upper
43 100
61 1.6 12.1 18.1#
70 0.0 8.7 13.1#

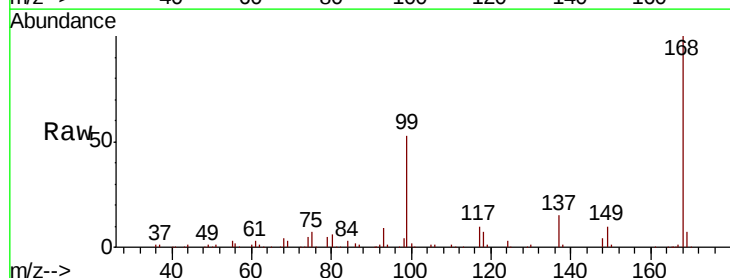


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

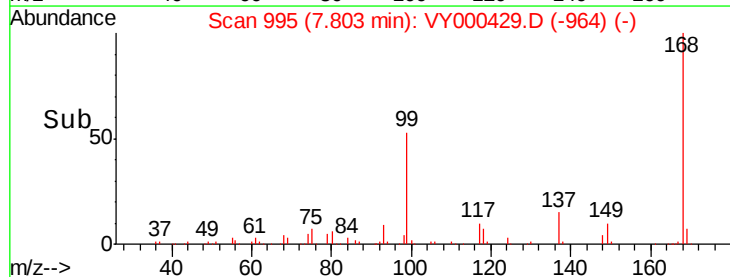
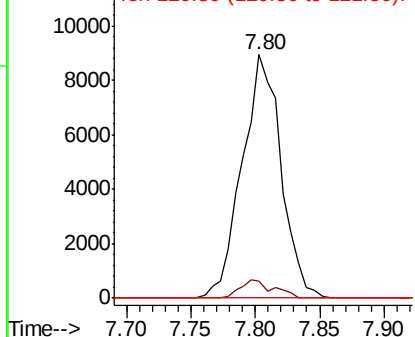


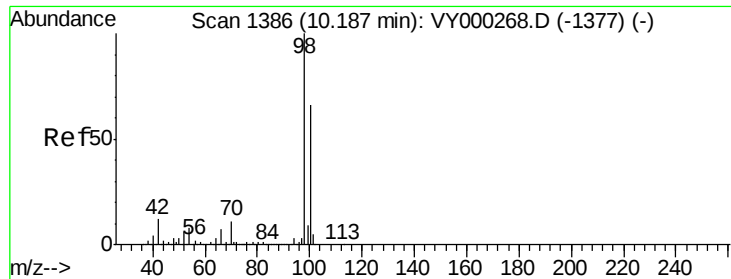
#38
Carbon Tetrachloride
Concen: 5.772 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Tgt Ion: 117 Resp: 18714
Ion Ratio Lower Upper
117 100
119 6.9 72.8 109.2#
121 0.0 22.2 33.2#



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: 49.875 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

Instrument :

MSVOA_Y

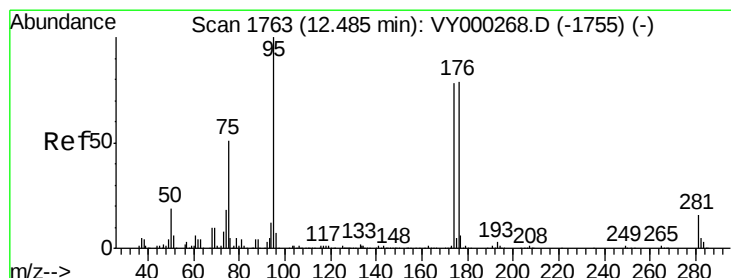
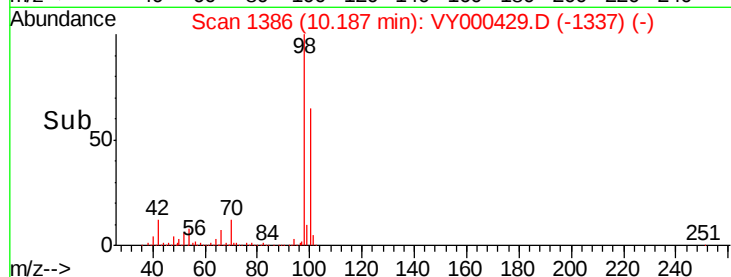
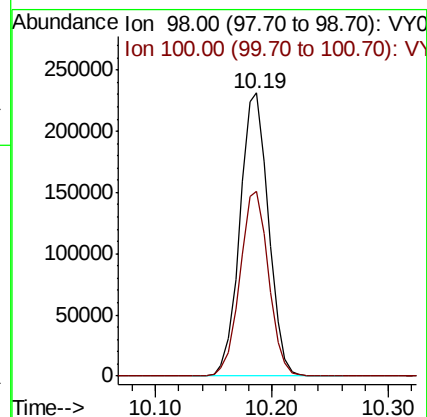
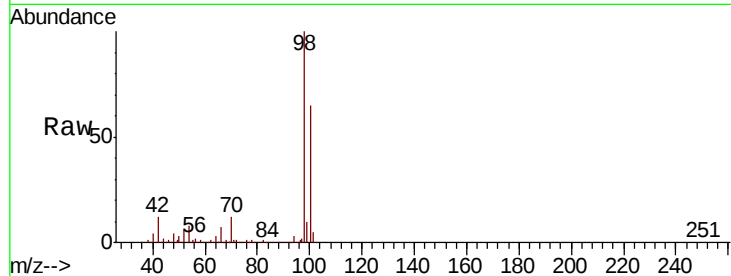
ClientSampled :

Tot Ion: 98 Resp: 395797

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 41.601 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

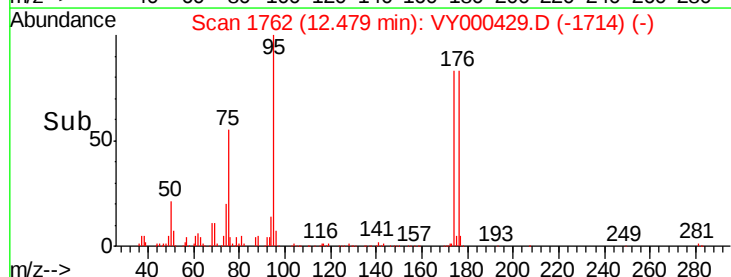
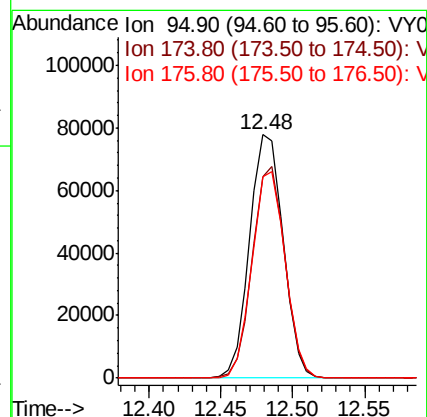
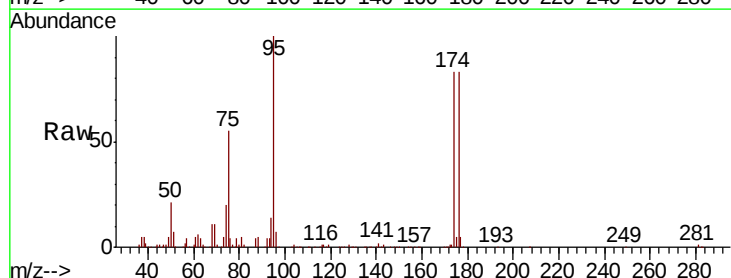
Tgt Ion: 95 Resp: 125423

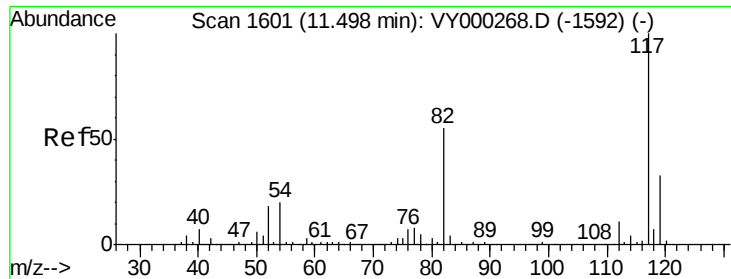
Ion Ratio Lower Upper

95 100

174 84.3 0.0 159.6

176 83.8 0.0 153.8

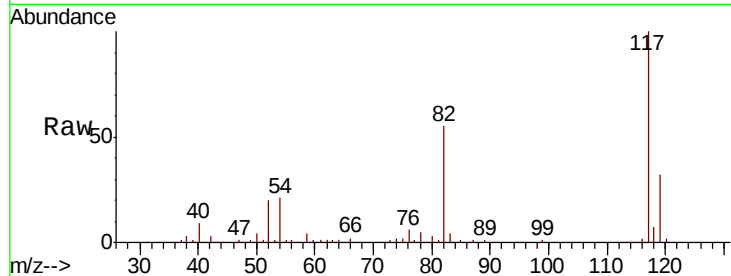




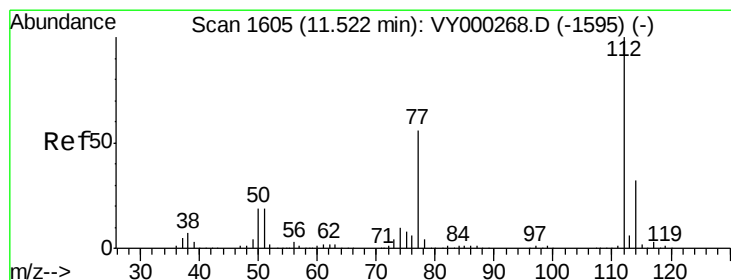
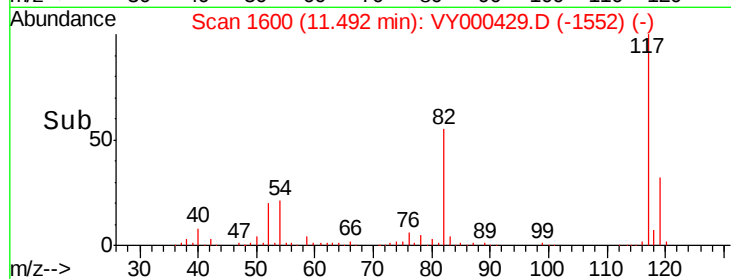
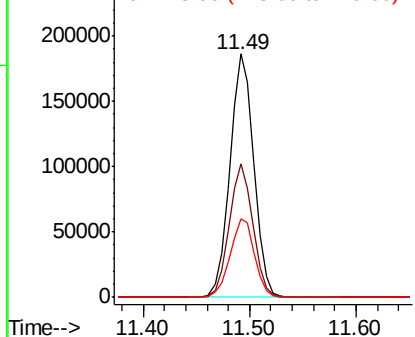
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 292335
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 32.1 26.6 39.8

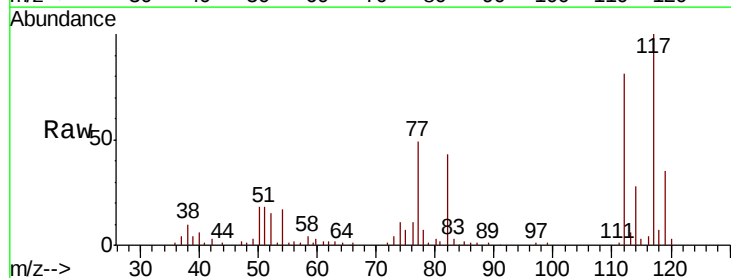


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

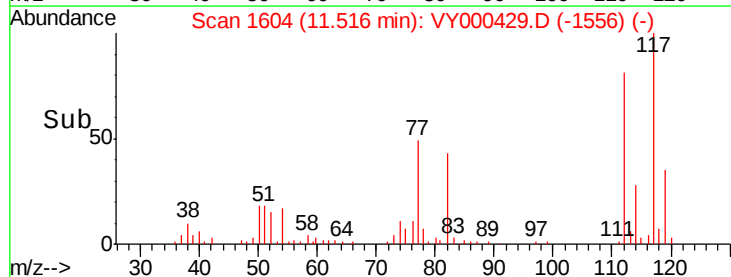
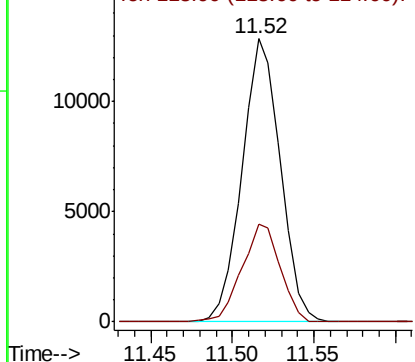


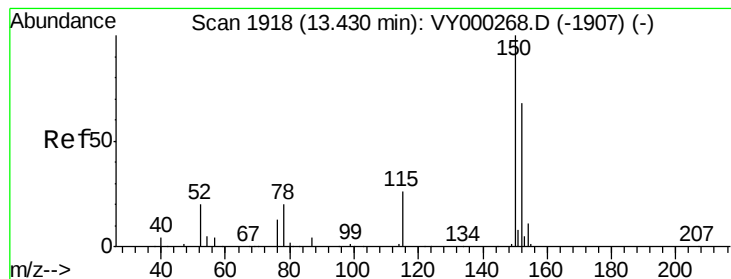
#65
Chlorobenzene
Concen: 3.393 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Tgt Ion:112 Resp: 20934
Ion Ratio Lower Upper
112 100
114 34.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



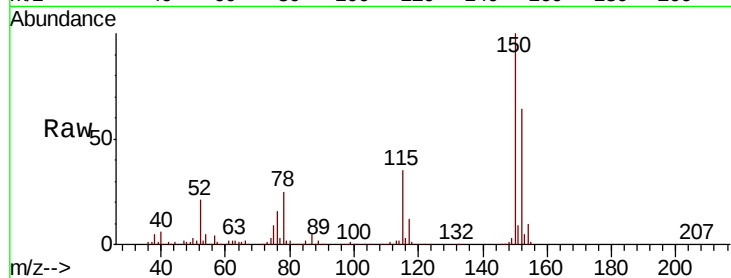


#72

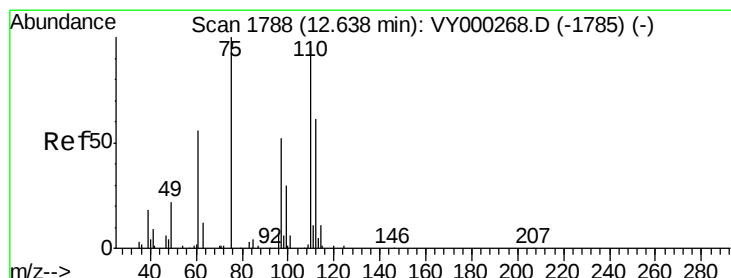
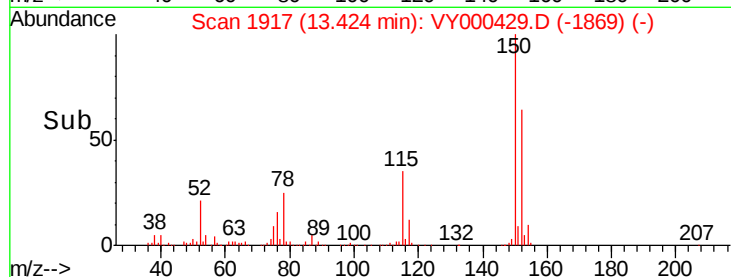
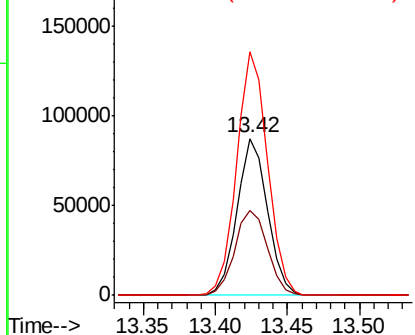
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	157.6	0.0	348.4



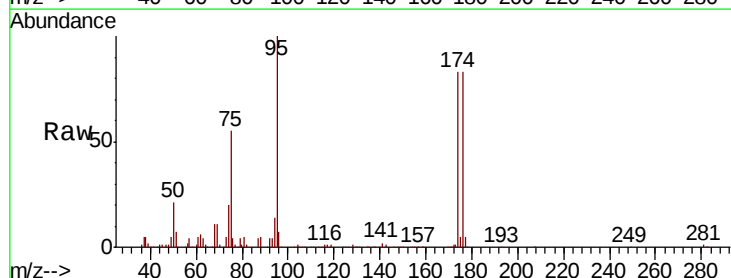
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



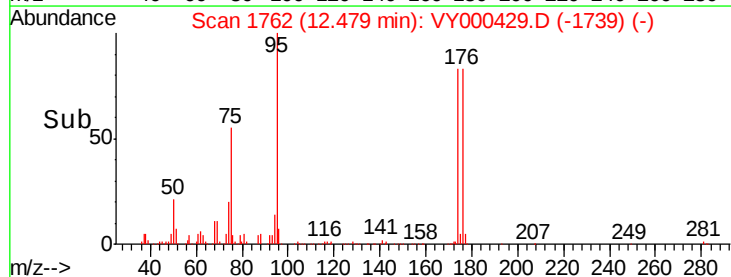
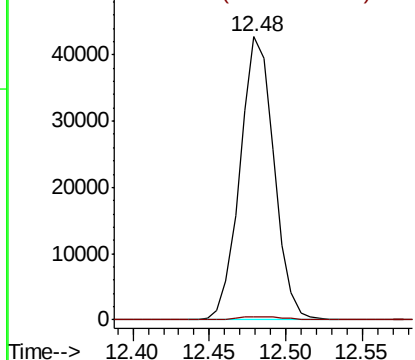
#76

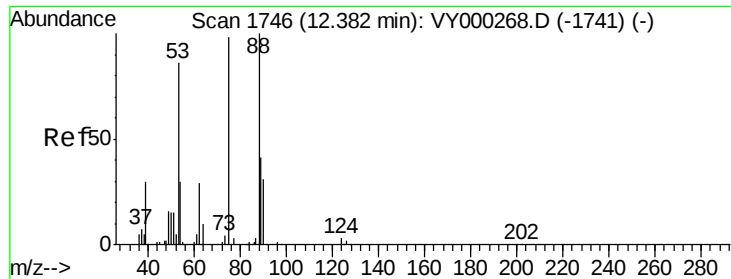
1,2,3-Trichloropropane
Concen: 41.671 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

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: 91.174 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 65857

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

