

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000427.D
 Acq On : 25 Oct 2019 14:33
 Operator : SY/MD
 Sample : K5539-02
 Misc : 5.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:45:06 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	207147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	351999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	309955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	138476	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	120299	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	
35) Dibromofluoromethane	7.73	113	105323	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.19	98	411418	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.48	95	133188	42.92	ug/l	0.00
Spiked Amount			Recovery	=	85.84%	

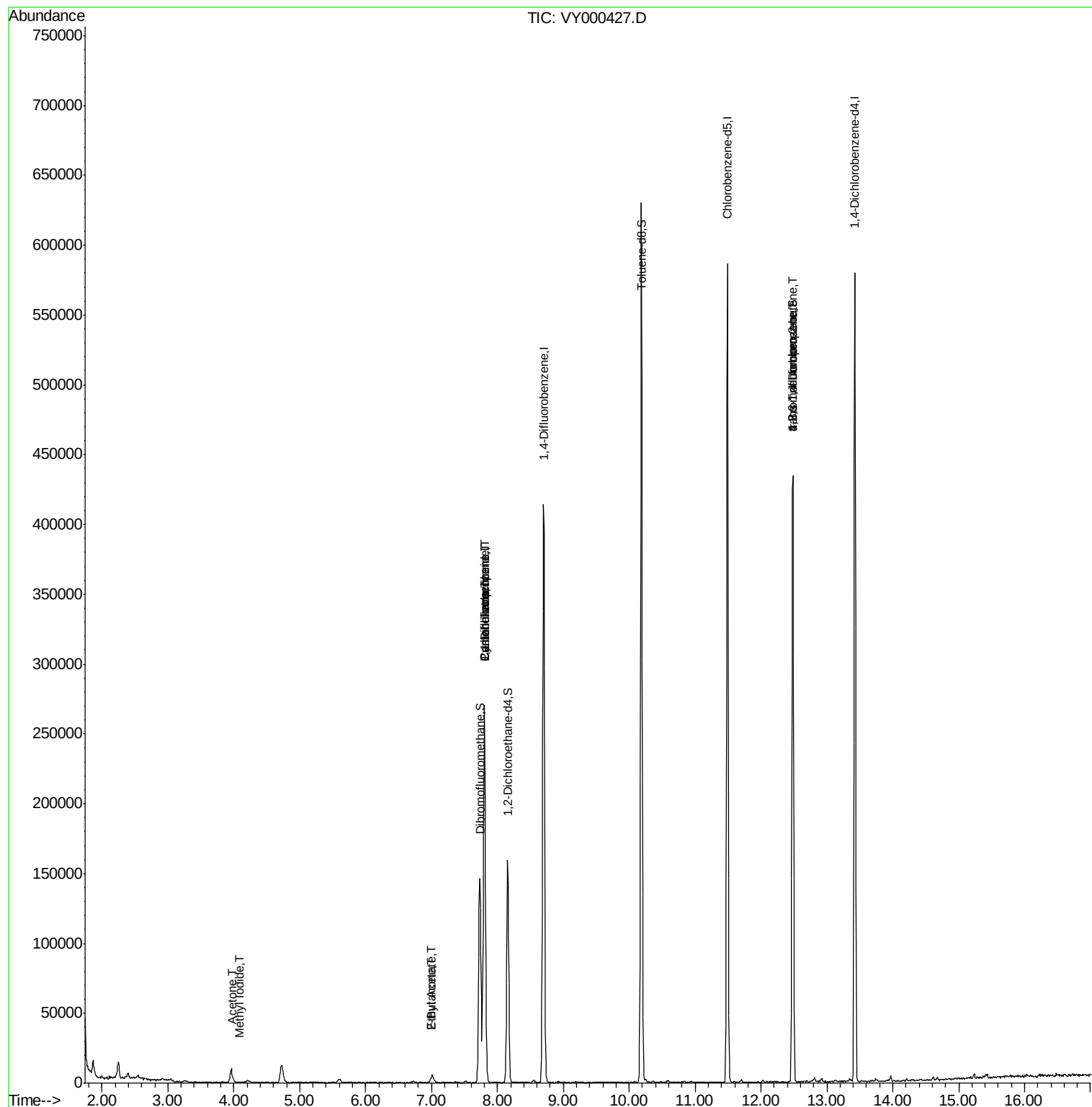
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	123	Below Cal	#	41
10) Methyl Iodide	4.09	142	135	1.230	ug/l #	79
16) Acetone	3.97	43	16087	22.734	ug/l	97
20) Methylene Chloride	4.73	84	9944	Below Cal	#	84
25) 2-Butanone	7.00	43	8894	8.922	ug/l	94
31) Cyclohexane	7.81	56	4869	1.165	ug/l #	12
36) 1,1-Dichloropropene	7.80	75	15978	4.636	ug/l #	50
37) Ethyl Acetate	7.00	43	8894	4.358	ug/l #	70
38) Carbon Tetrachloride	7.81	117	20770	6.224	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	69422	40.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	69422	89.203	ug/l #	14

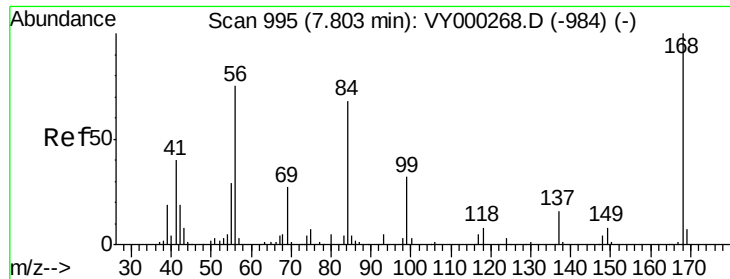
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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Quant Time: Oct 26 01:45:06 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: VY000427.D

Acq: 25 Oct 2019 14:33

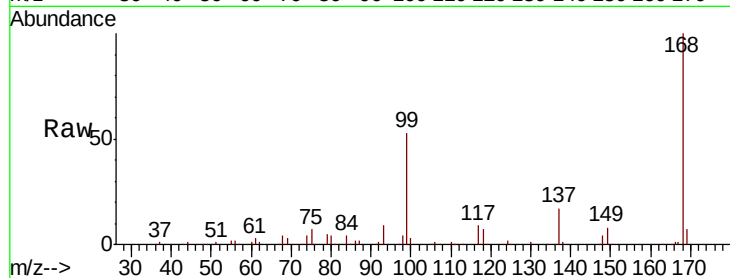
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 207147

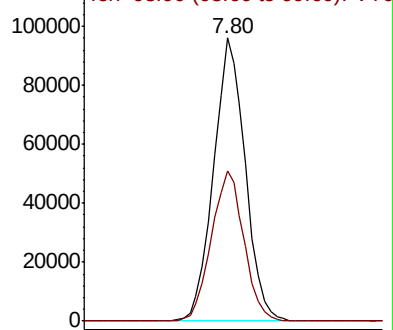
Ion Ratio Lower Upper

168 100

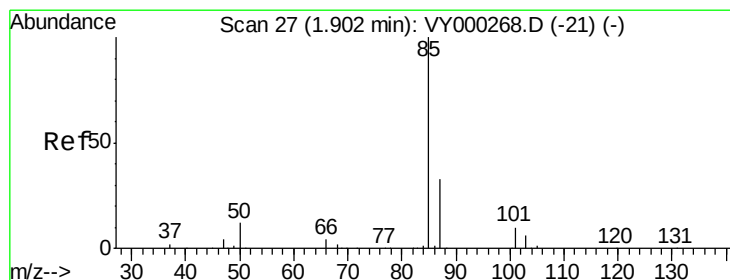
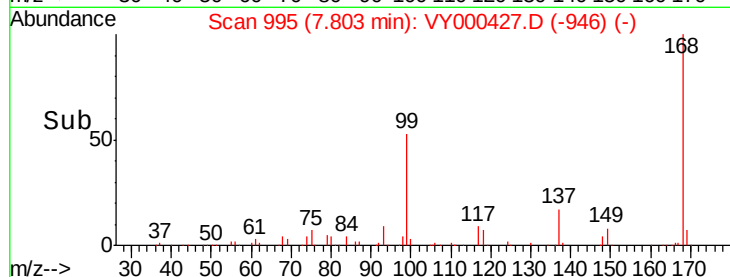
99 53.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000427.D (-946) (-)



Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000427.D

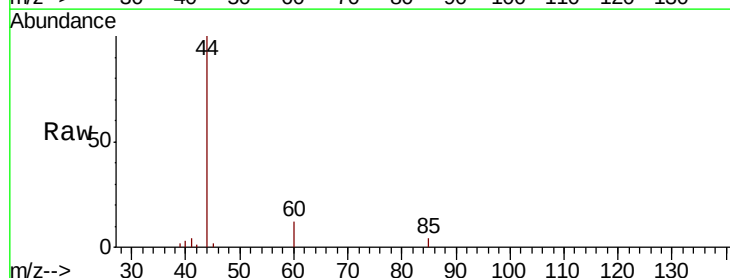
Acq: 25 Oct 2019 14:33

Tgt Ion: 85 Resp: 123

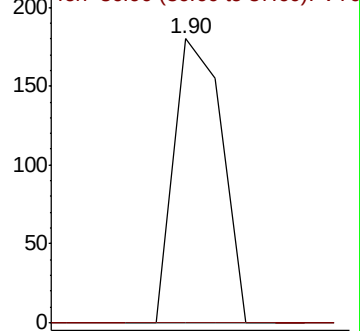
Ion Ratio Lower Upper

85 100

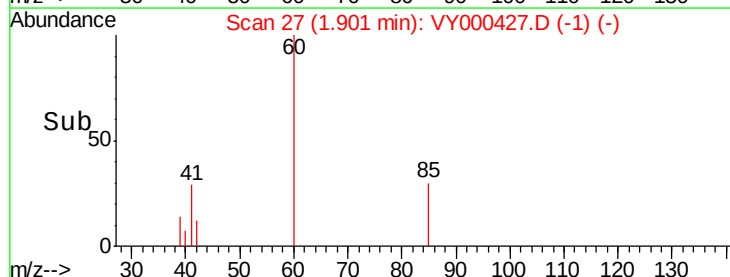
87 0.0 16.6 49.8#

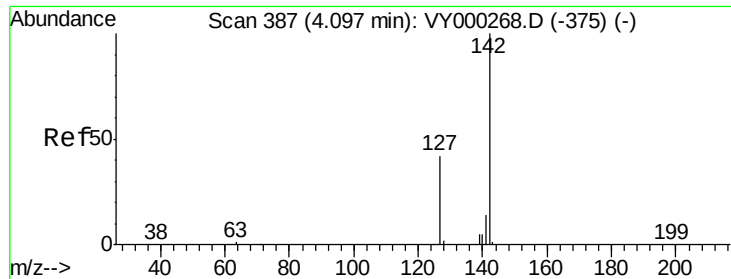


Abundance Ion 84.90 (84.60 to 85.60): VY000427.D (-1) (-)



Time-->

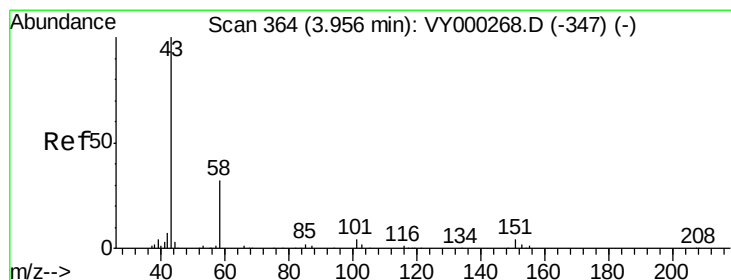
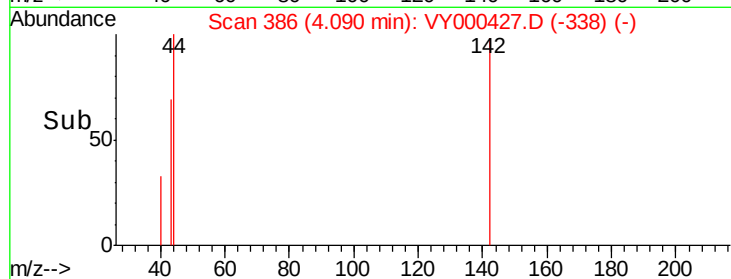
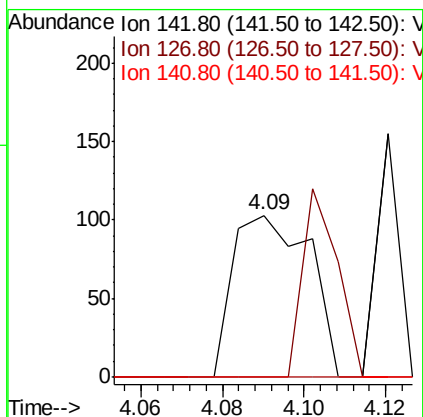
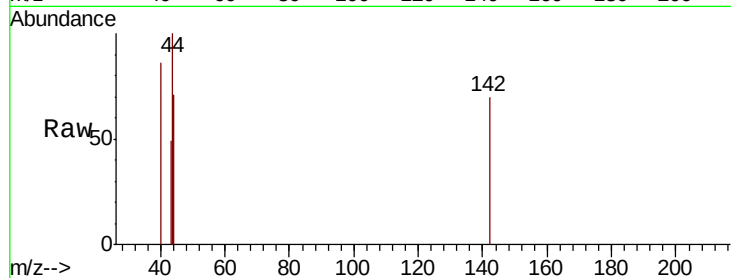




#10
Methvl Iodide
Concen: 1.230 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

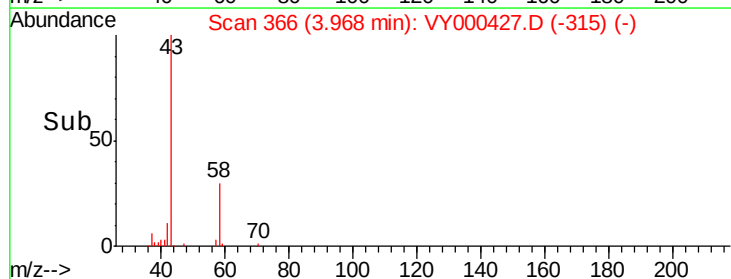
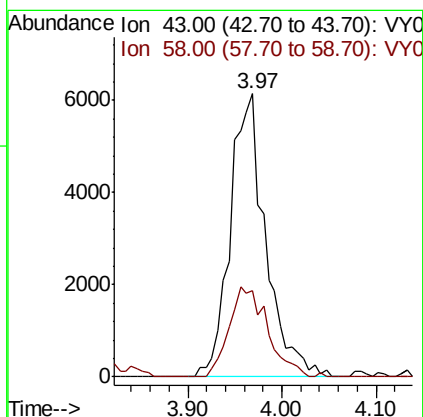
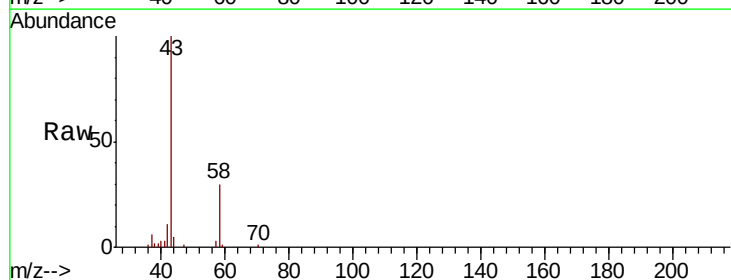
Instrument :
MSVOA_Y
ClientSampleId :

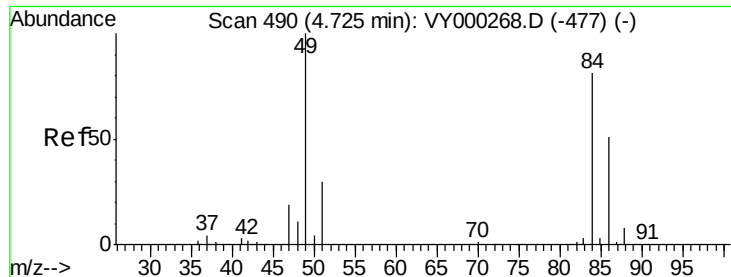
Tot Ion:142 Resp: 135
Ion Ratio Lower Upper
142 100
127 52.6 33.9 50.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 22.734 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

Tgt Ion: 43 Resp: 16087
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.6

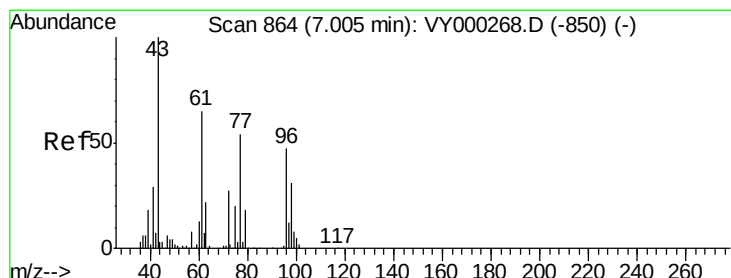
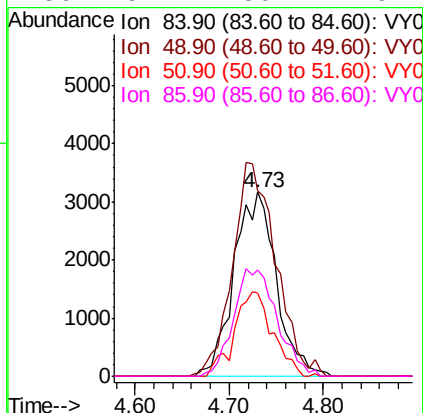
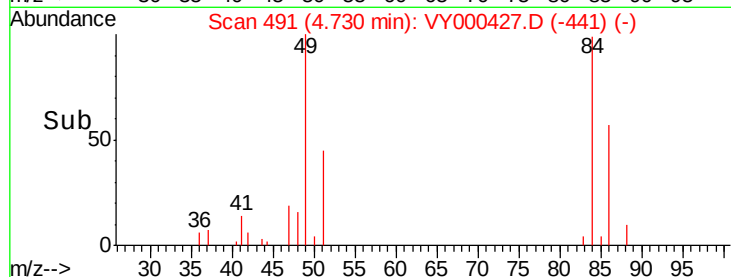
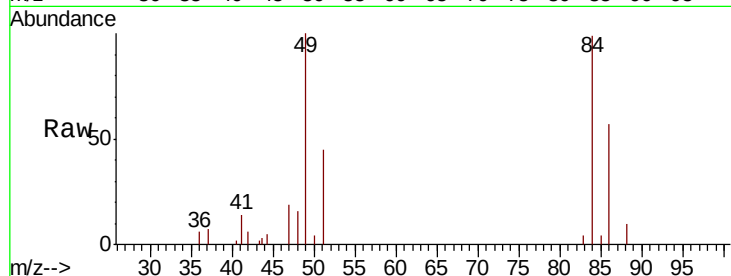




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

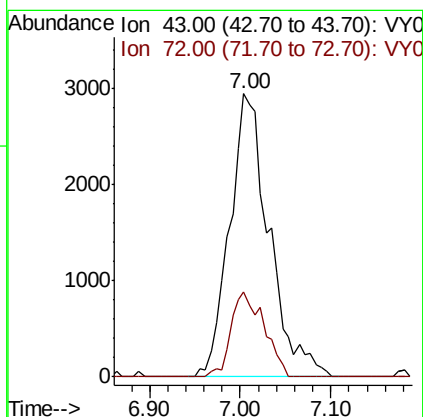
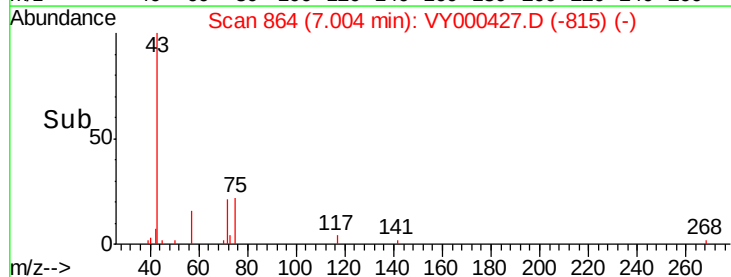
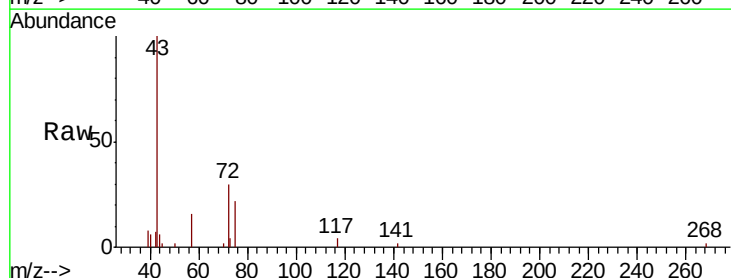
Instrument :
MSVOA_Y
ClientSampled :

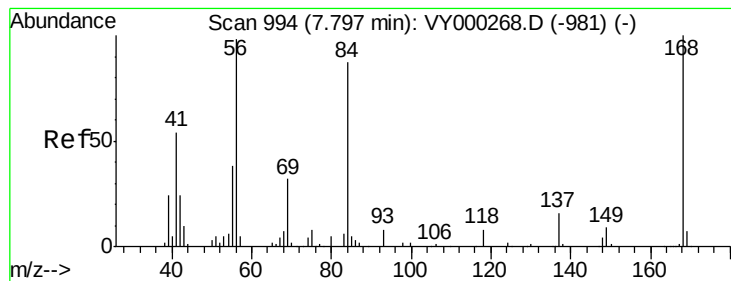
Tot Ion: 84 Resp: 9944
Ion Ratio Lower Upper
84 100
49 100.8 99.0 148.4
51 45.1 29.3 43.9#
86 57.4 50.2 75.4



#25
2-Butanone
Concen: 8.922 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

Tgt Ion: 43 Resp: 8894
Ion Ratio Lower Upper
43 100
72 30.2 21.4 32.2





#31

Cyclohexane

Concen: 1.165 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

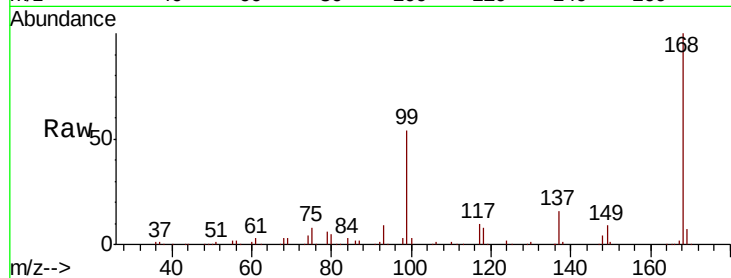
Tot Ion: 56 Resp: 4869

Ion Ratio Lower Upper

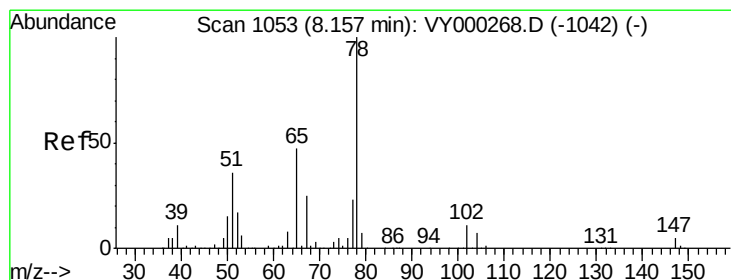
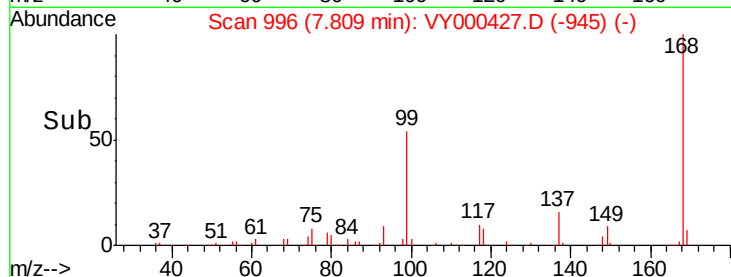
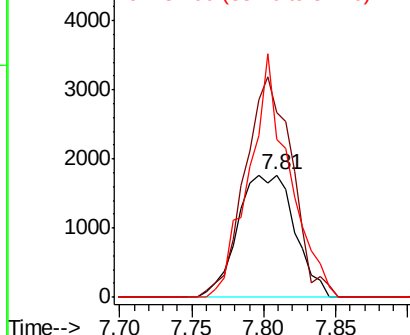
56 100

69 150.9 26.3 39.5#

84 129.0 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: 55.055 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000427.D

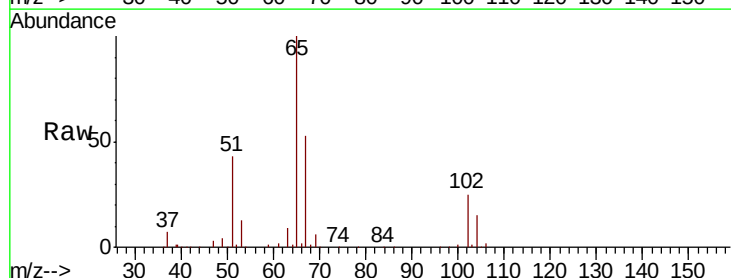
Acq: 25 Oct 2019 14:33

Tgt Ion: 65 Resp: 120299

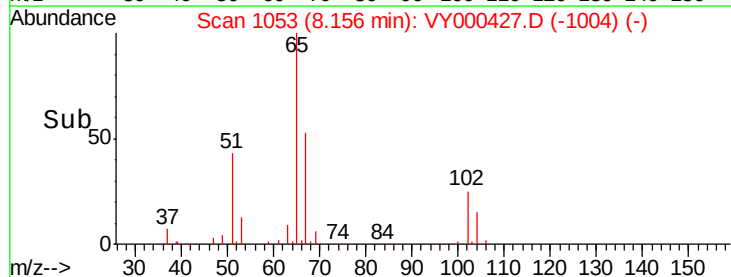
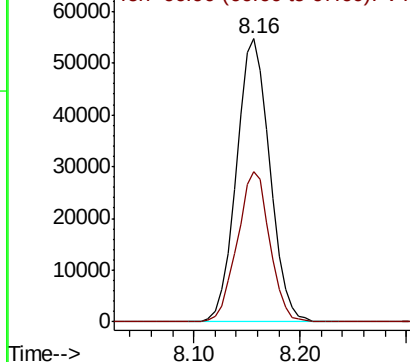
Ion Ratio Lower Upper

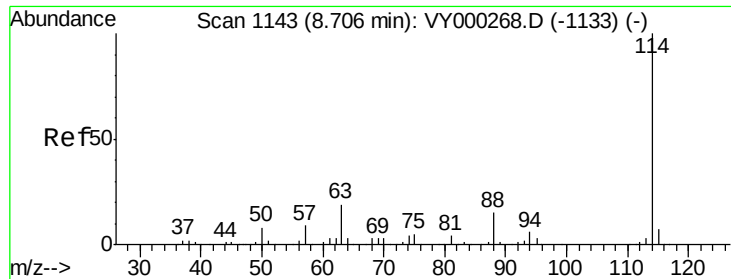
65 100

67 51.8 0.0 109.4



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. -0.01 min

Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

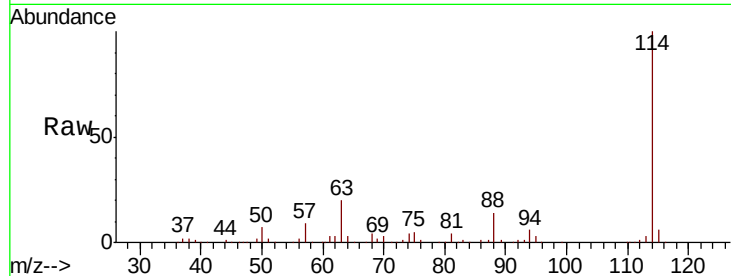
Tot Ion:114 Resp: 351999

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.2

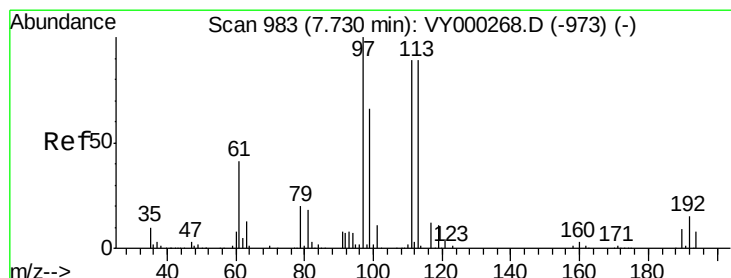
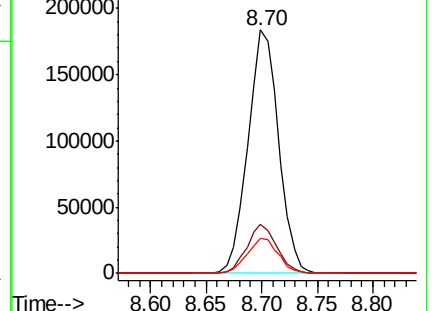
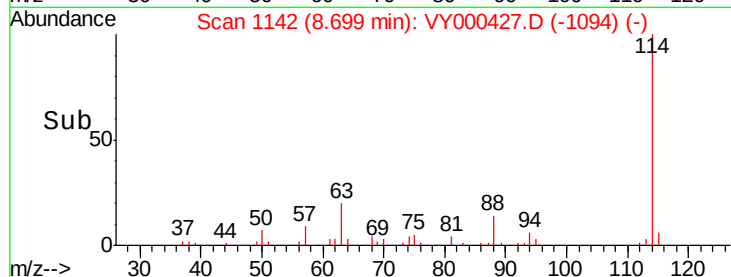
88 14.2 0.0 30.2



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: 49.604 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

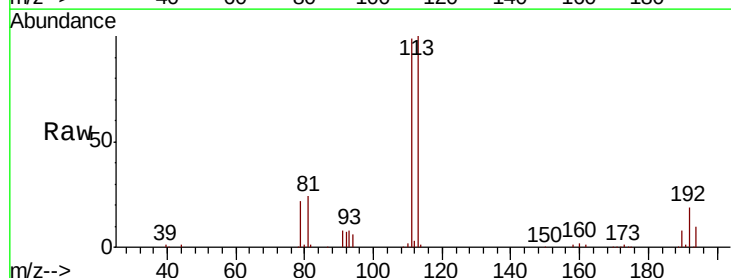
Tgt Ion:113 Resp: 105323

Ion Ratio Lower Upper

113 100

111 98.9 81.6 122.4

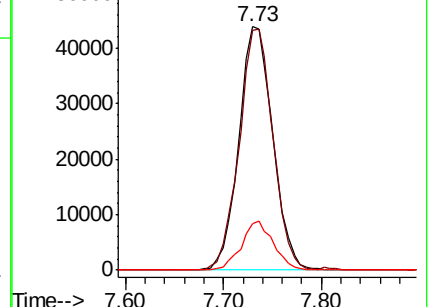
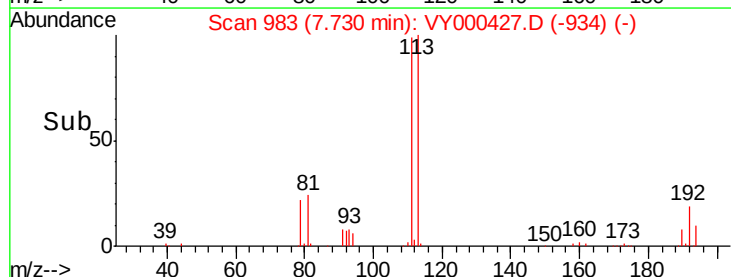
192 18.9 15.3 22.9

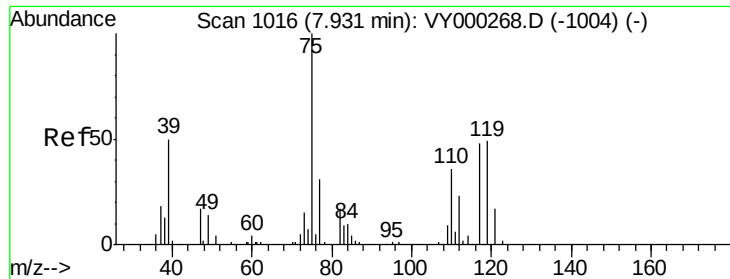


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

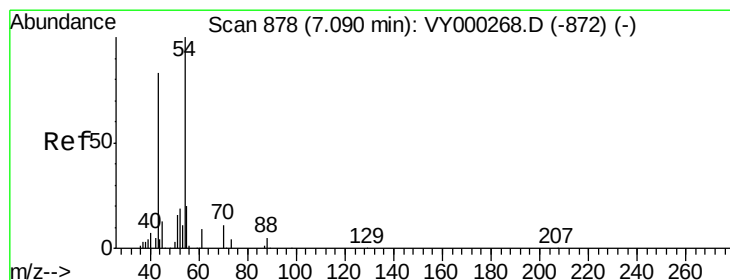
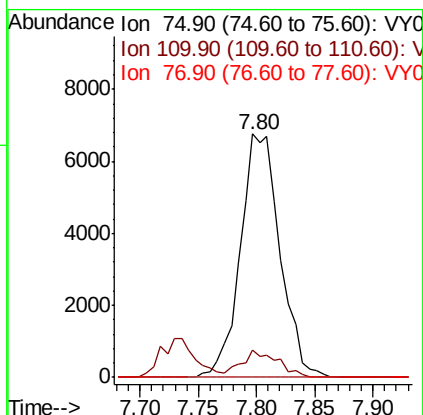
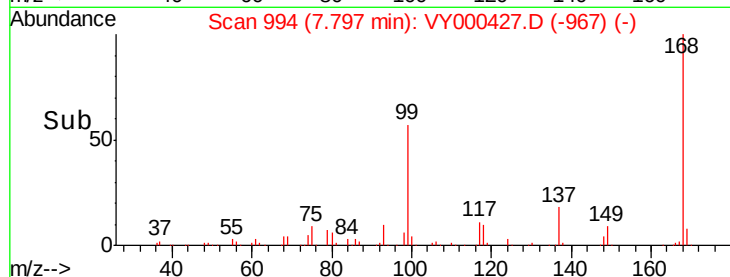
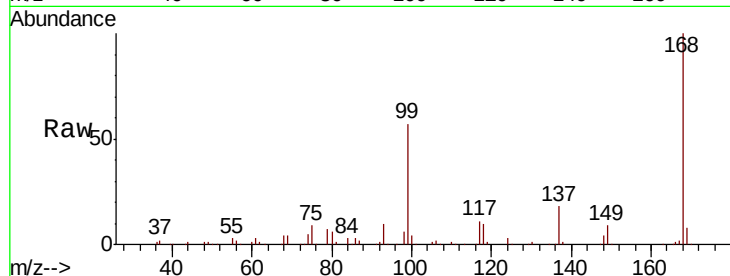




#36
 1,1-Dichloropropene
 Concen: 4.636 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000427.D
 Acq: 25 Oct 2019 14:33

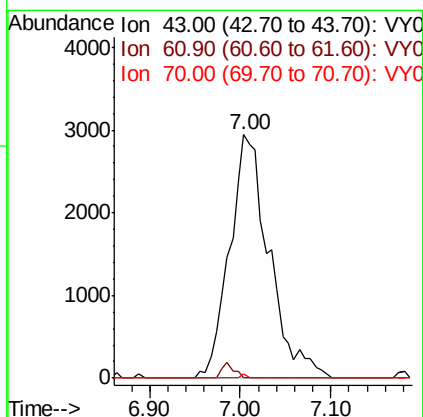
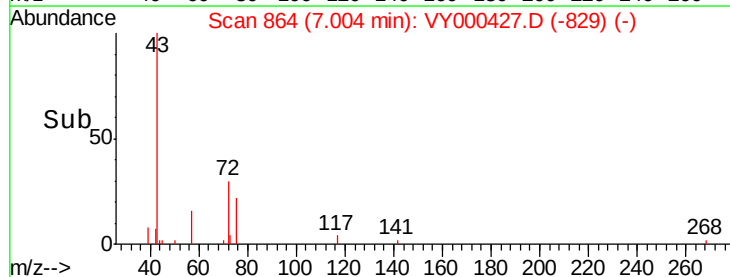
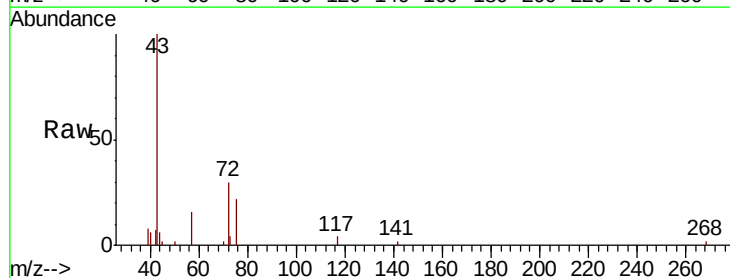
Instrument :
 MSVOA_Y
 ClientSampleId :

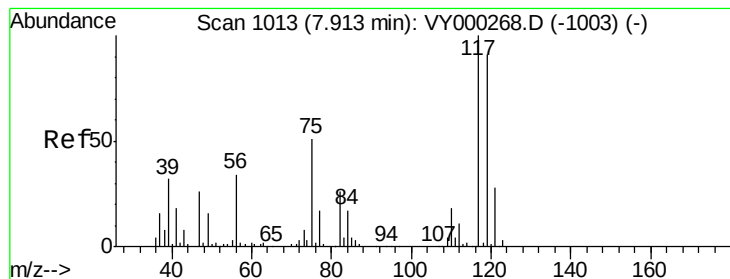
Tot Ion: 75 Resp: 15978
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.4 55.4#
 77 0.0 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 4.358 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.09 min
 Lab File: VY000427.D
 Acq: 25 Oct 2019 14:33

Tgt Ion: 43 Resp: 8894
 Ion Ratio Lower Upper
 43 100
 61 1.9 12.1 18.1#
 70 0.2 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 6.224 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.10 min

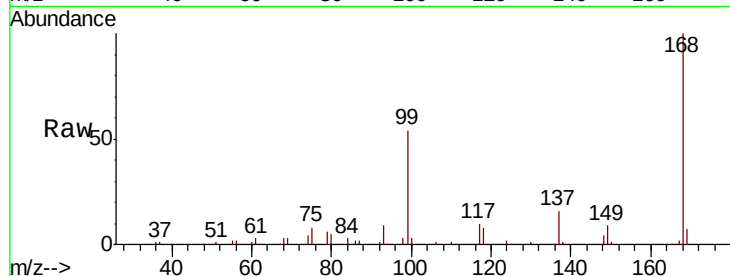
Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

Instrument :

MSVOA_Y

ClientSampled :



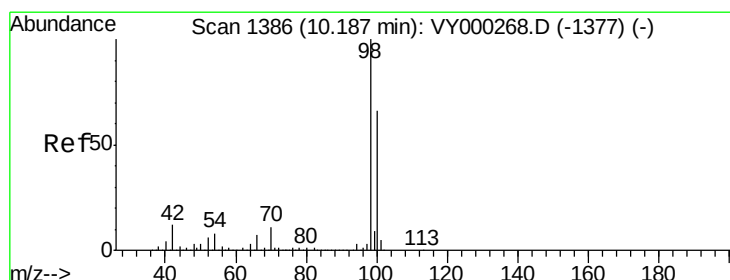
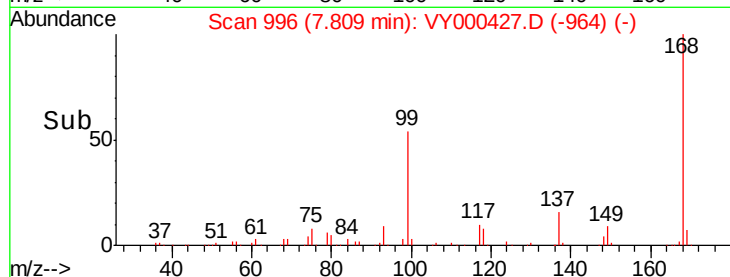
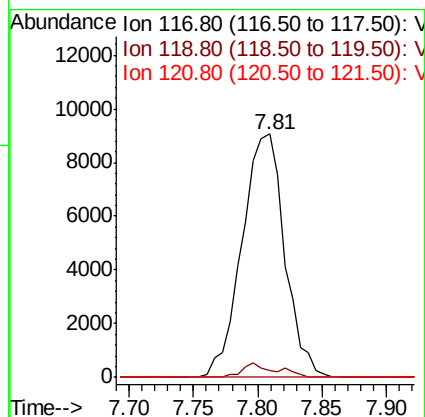
Tot Ion:117 Resp: 20770

Ion Ratio Lower Upper

117 100

119 2.7 72.8 109.2#

121 0.0 22.2 33.2#



#50

Toluene-d8

Concen: 50.371 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000427.D

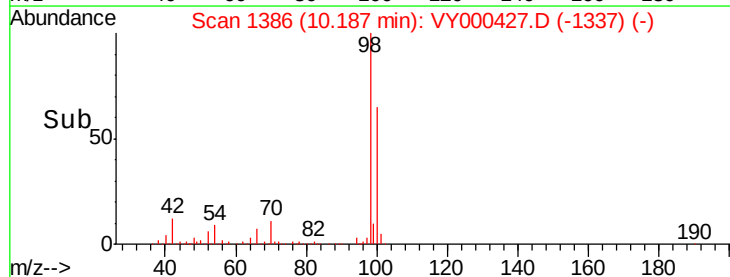
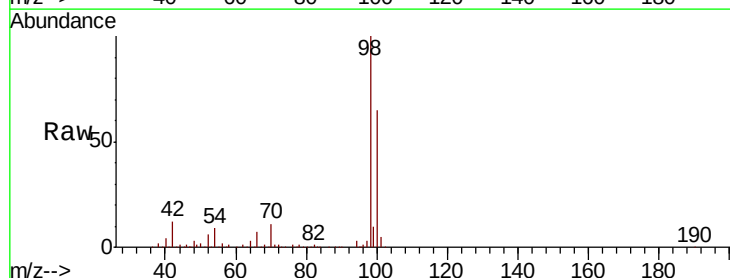
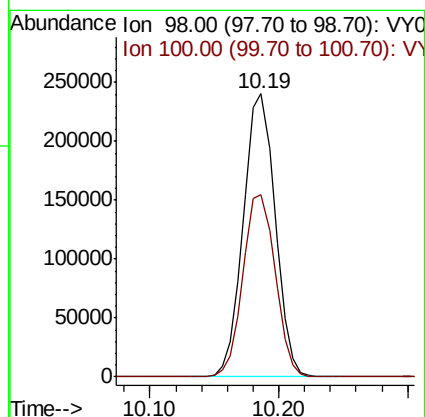
Acq: 25 Oct 2019 14:33

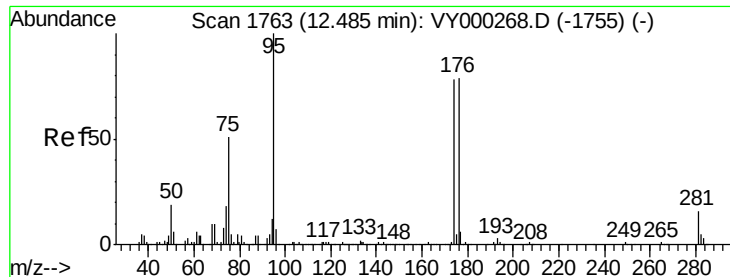
Tgt Ion: 98 Resp: 411418

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2

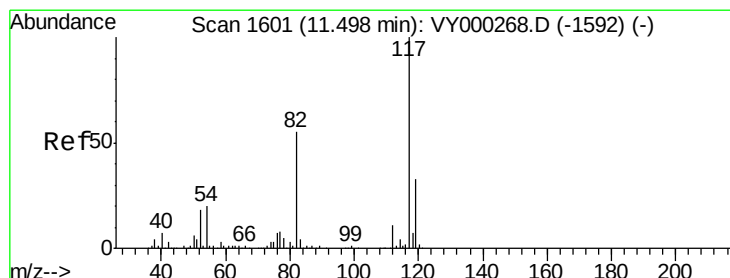
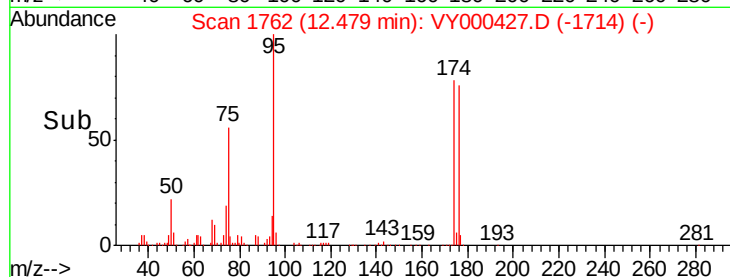
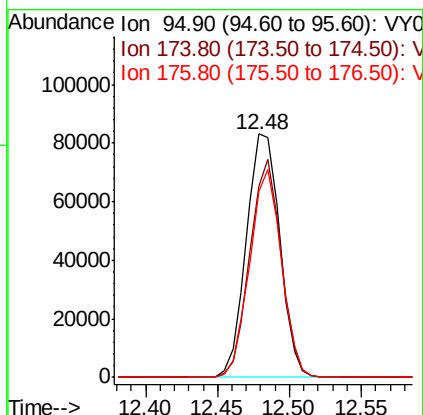
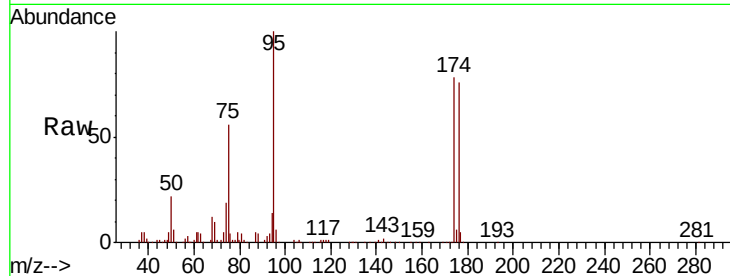




#62
4-Bromofluorobenzene
Concen: 42.922 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

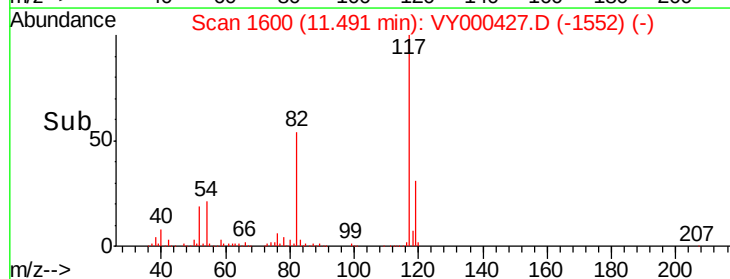
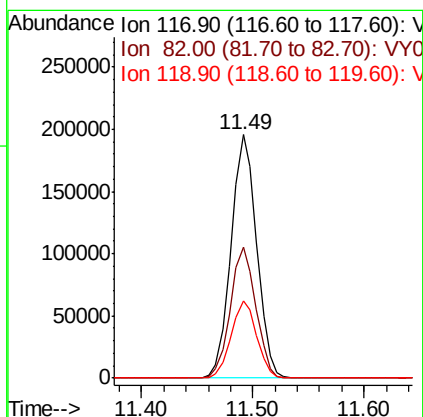
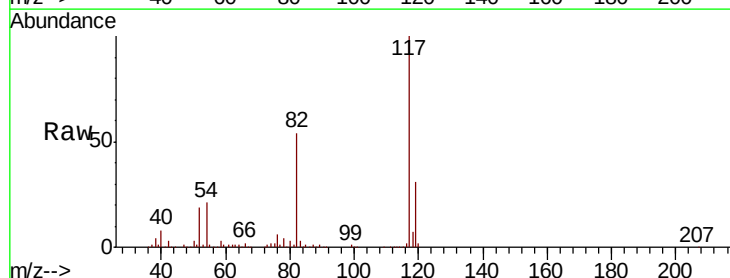
Instrument :
MSVOA_Y
ClientSampled :

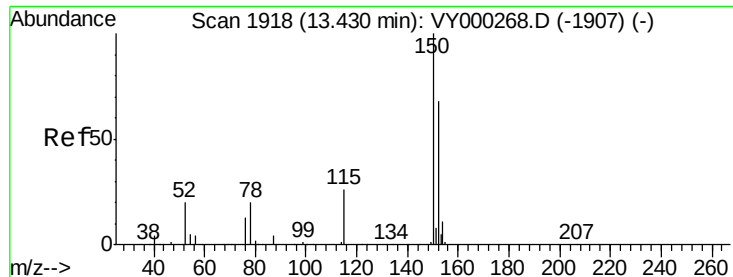
Tot Ion: 95 Resp: 133188
Ion Ratio Lower Upper
95 100
174 83.7 0.0 159.6
176 81.1 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

Tgt Ion: 117 Resp: 309955
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.5 26.6 39.8



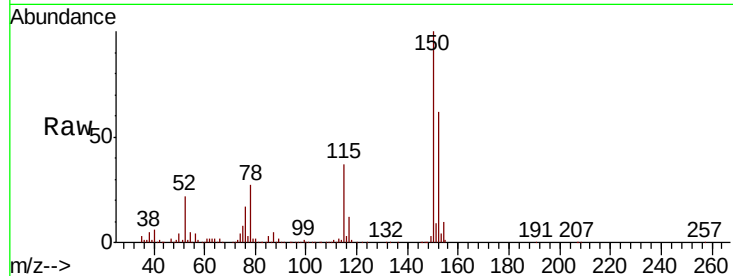


#72

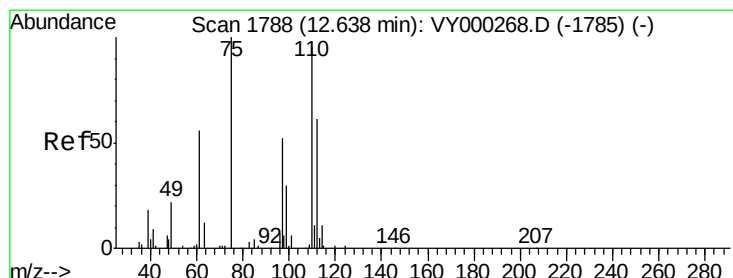
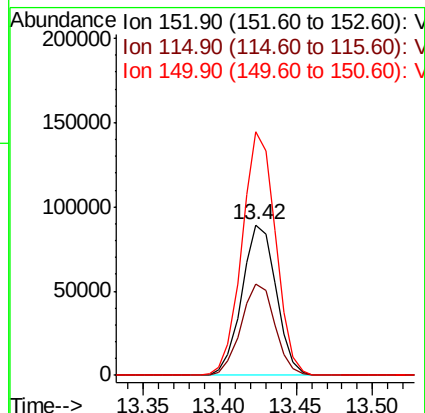
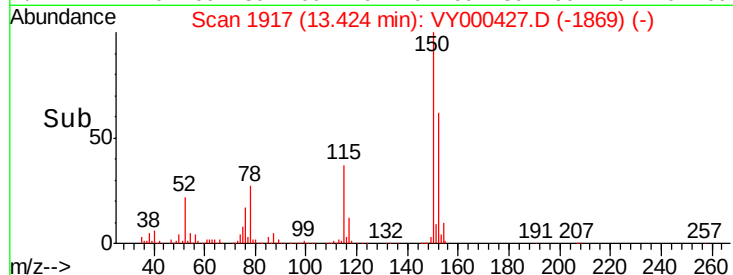
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 138476
Ion Ratio Lower Upper
152 100
115 60.1 29.3 88.0
150 158.9 0.0 348.4



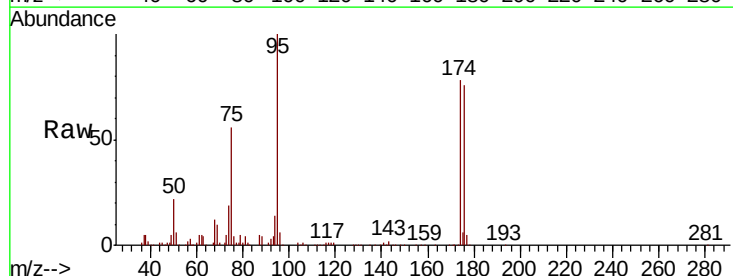
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



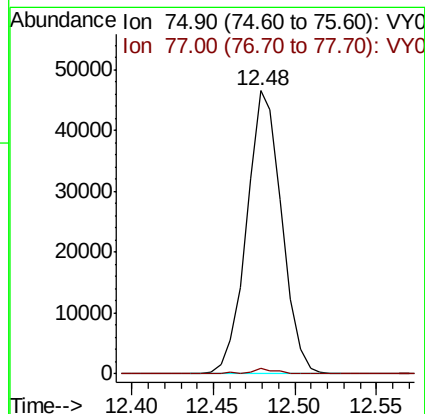
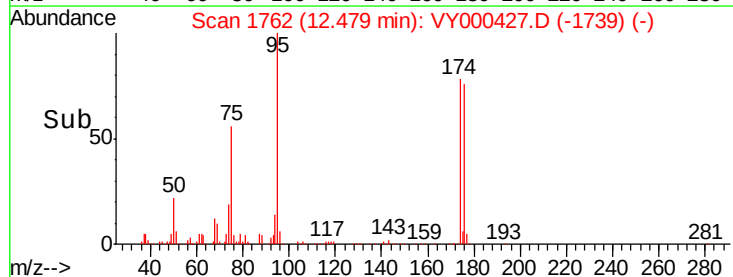
#76

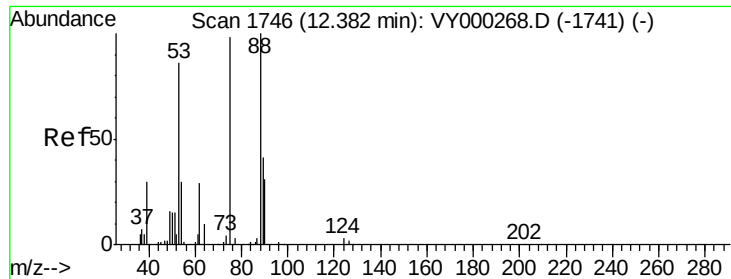
1,2,3-Trichloropropane
Concen: 40.770 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

Tgt Ion: 75 Resp: 69422
Ion Ratio Lower Upper
75 100
77 1.5 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: 89.203 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

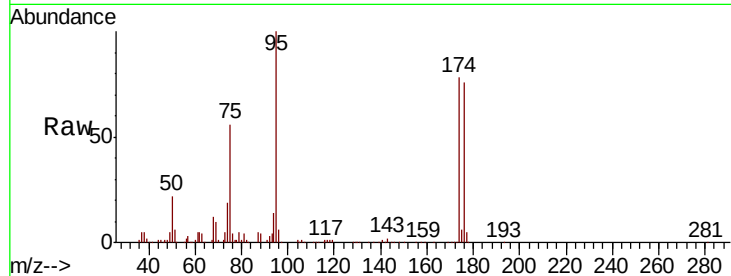
Tot Ion: 75 Resp: 69422

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#



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

