

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002593.D
 Acq On : 05 May 2020 17:43
 Operator : SY/MD
 Sample : L2483-10
 Misc : 5.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 03:21:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

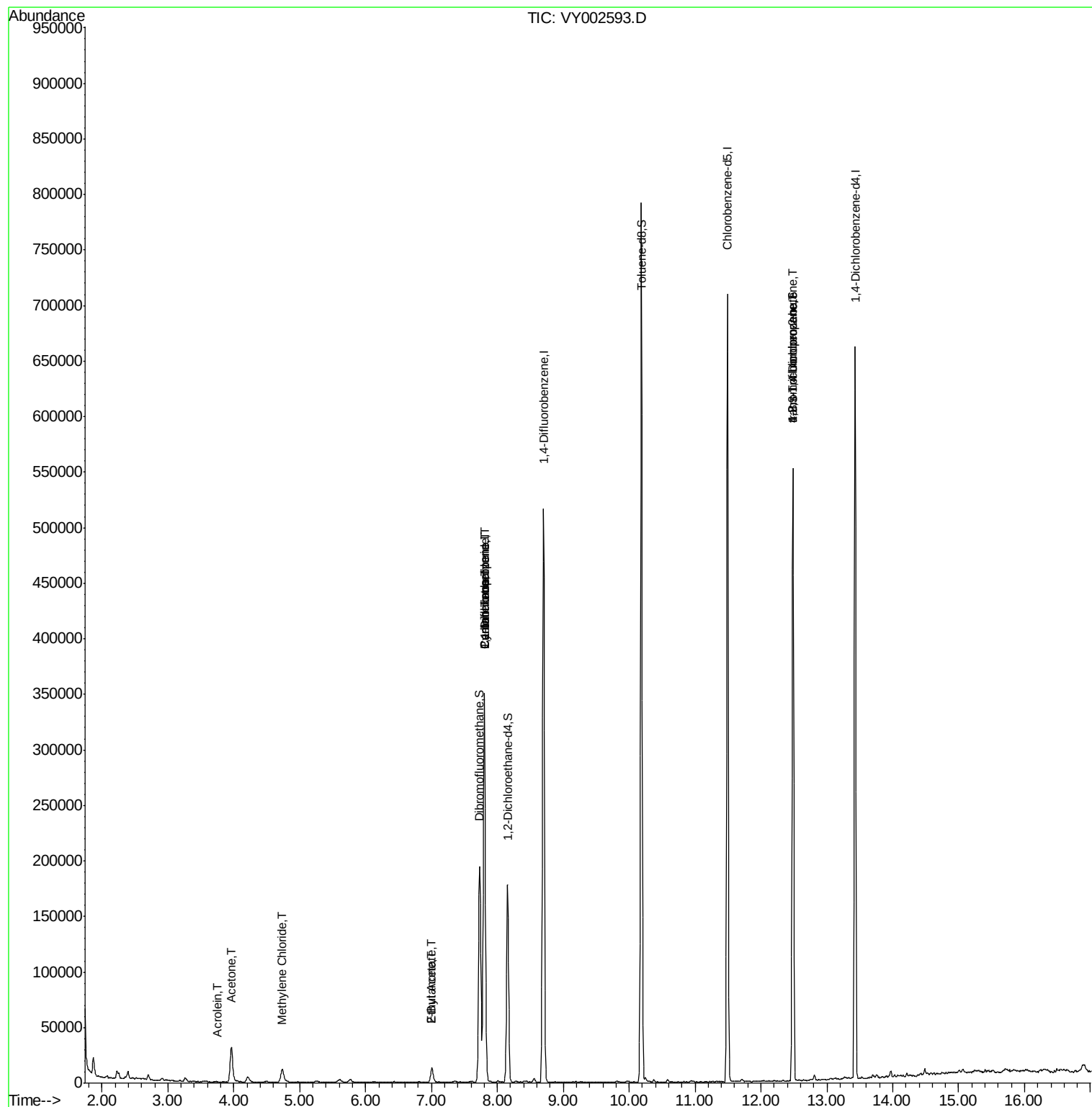
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	292567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	461140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	179903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136144	55.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.68%	
35) Dibromofluoromethane	7.73	113	140864	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.19	98	536993	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.49	95	168335	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
					Qvalue	
13) Acrolein	3.76	56	343	1.960	ug/l #	16
16) Acetone	3.96	43	54671	107.688	ug/l	100
20) Methylene Chloride	4.73	84	9462	3.333	ug/l	93
25) 2-Butanone	7.00	43	20015	24.084	ug/l	100
31) Cyclohexane	7.80	56	4801	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	19429	5.026	ug/l #	48
37) Ethyl Acetate	7.00	43	20015	10.075	ug/l #	67
38) Carbon Tetrachloride	7.80	117	26204	6.209	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	79987	50.031	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	79987	100.322	ug/l #	15

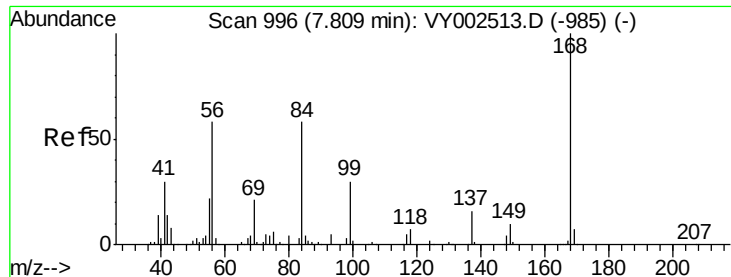
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002593.D

Acq: 05 May 2020 17:43

Instrument :

MSVOA_Y

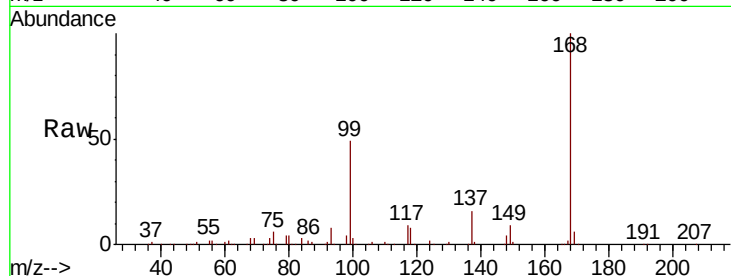
ClientSampleId :

Tot Ion:168 Resp: 292567

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

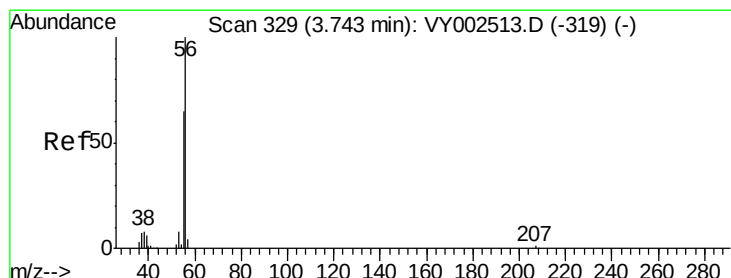
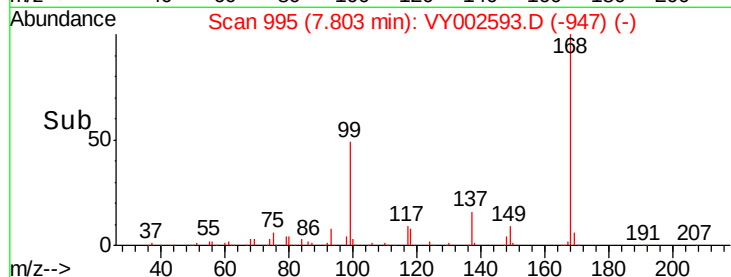
100000

50000

0

7.70 7.80 7.90

Time-->



#13

Acrolein

Concen: 1.960 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002593.D

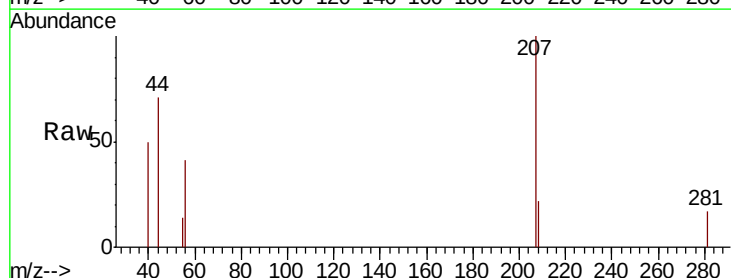
Acq: 05 May 2020 17:43

Tgt Ion: 56 Resp: 343

Ion Ratio Lower Upper

56 100

55 0.0 53.8 80.6#



Abundance Ion 56.00 (55.70 to 56.70): VY002513.D (-319) (-)

Ion 55.00 (54.70 to 55.70): VY002513.D (-319) (-)

250

200

150

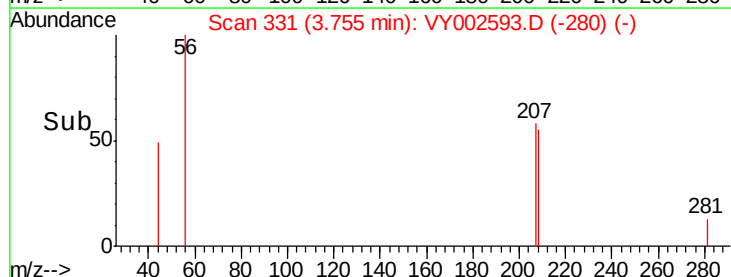
100

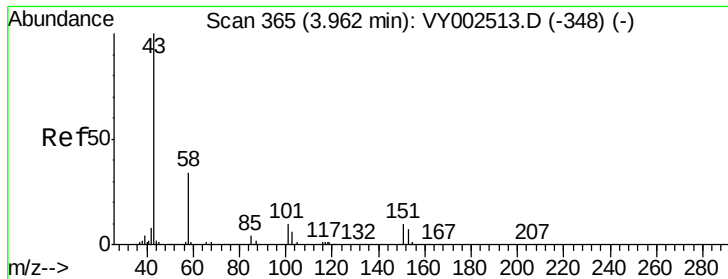
50

0

3.70 3.75 3.80

Time-->

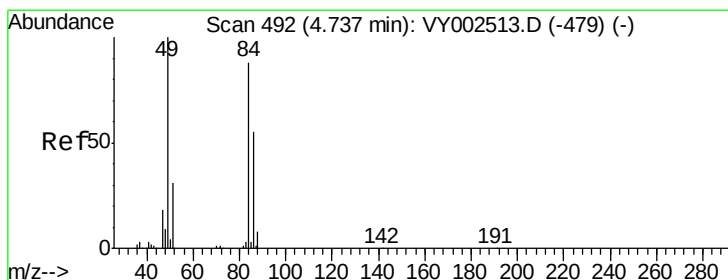
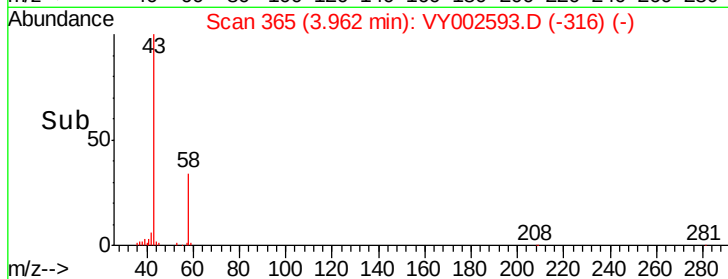
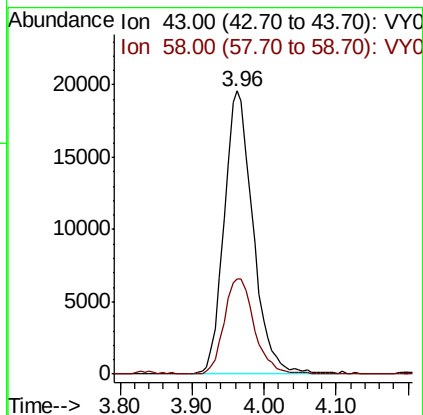
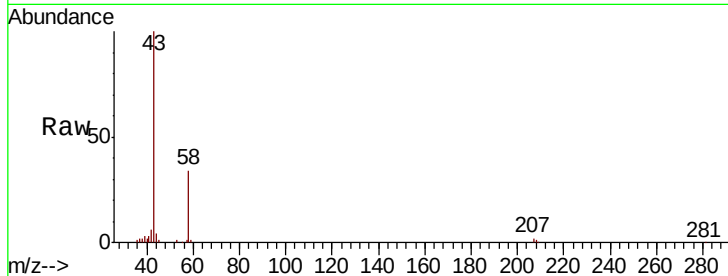




#16
Acetone
Concen: 107.688 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

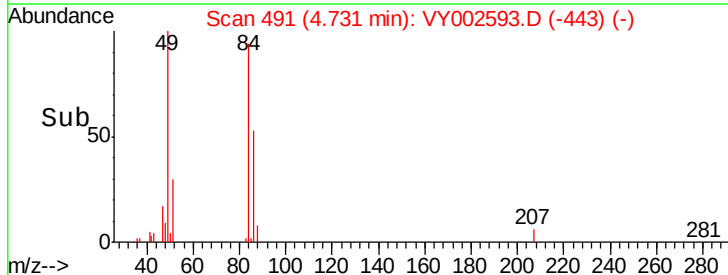
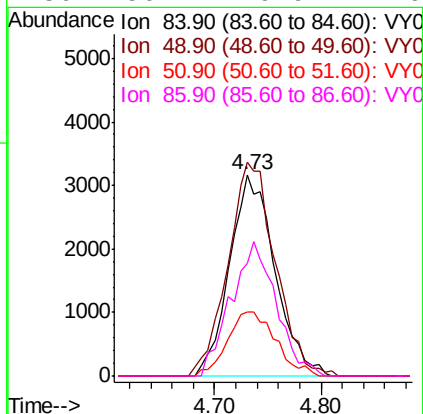
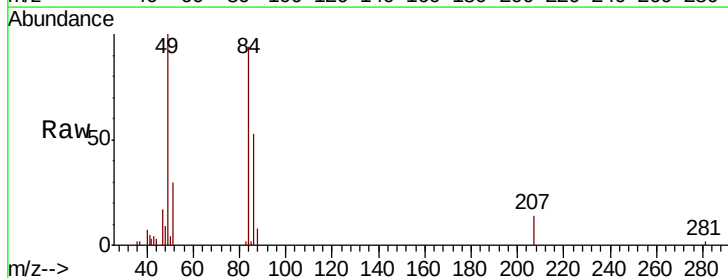
Instrument :
MSVOA_Y
ClientSampleId :

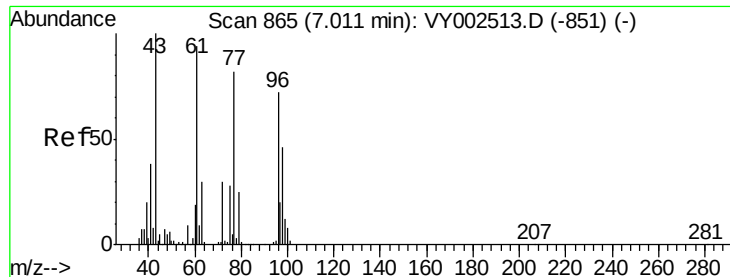
Tot Ion: 43 Resp: 54671
Ion Ratio Lower Upper
43 100
58 33.7 26.9 40.3



#20
Methylene Chloride
Concen: 3.333 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

Tgt Ion: 84 Resp: 9462
Ion Ratio Lower Upper
84 100
49 106.1 90.5 135.7
51 31.6 28.3 42.5
86 56.2 49.9 74.9

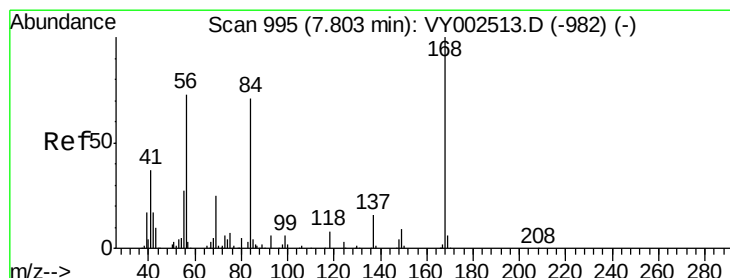
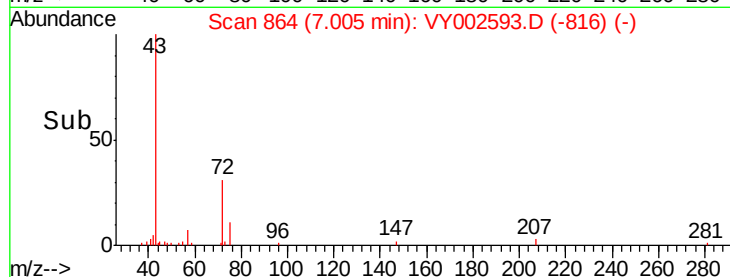
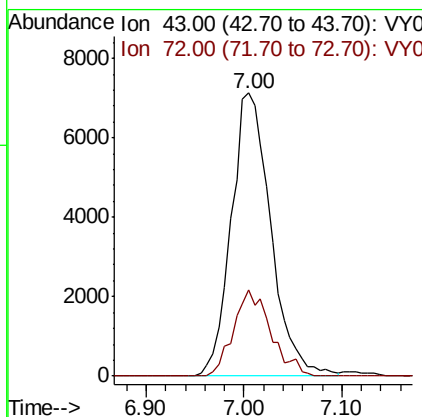
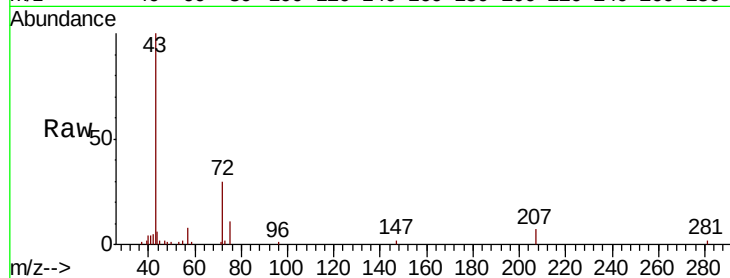




#25
2-Butanone
Concen: 24.084 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

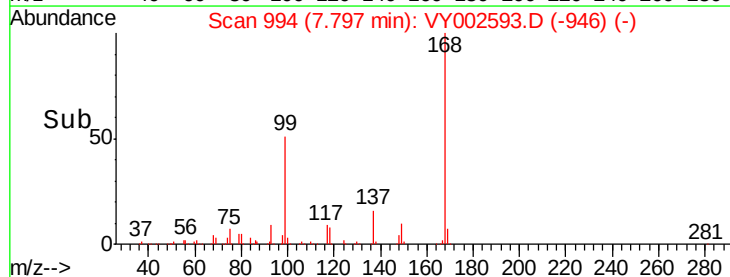
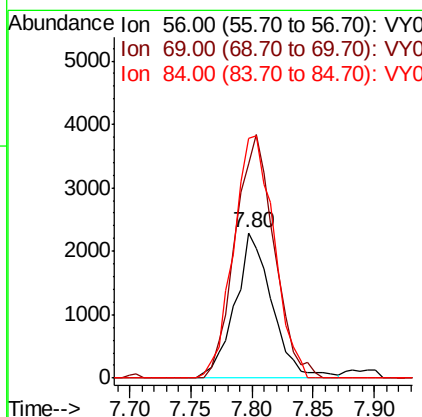
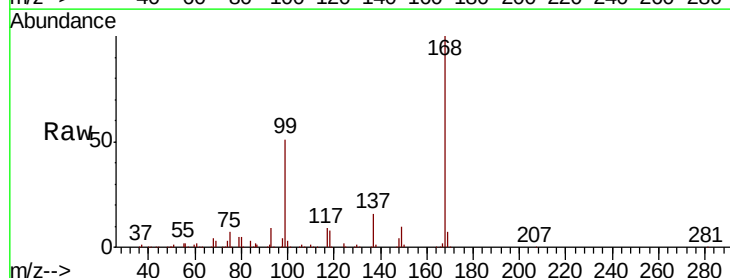
Instrument :
MSVOA_Y
ClientSampleId :

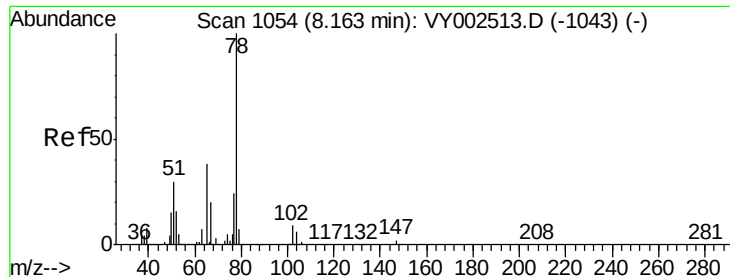
Tot Ion: 43 Resp: 20015
Ion Ratio Lower Upper
43 100
72 30.4 24.1 36.1



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

Tgt Ion: 56 Resp: 4801
Ion Ratio Lower Upper
56 100
69 147.7 27.6 41.4#
84 164.6 77.7 116.5#

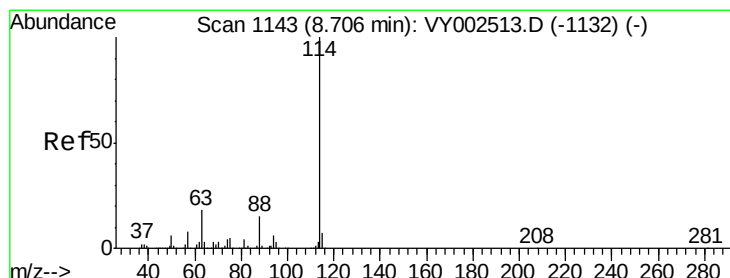
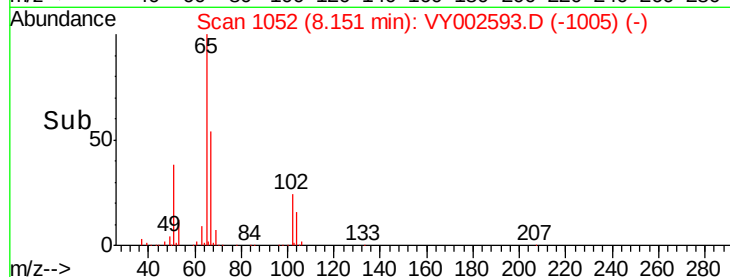
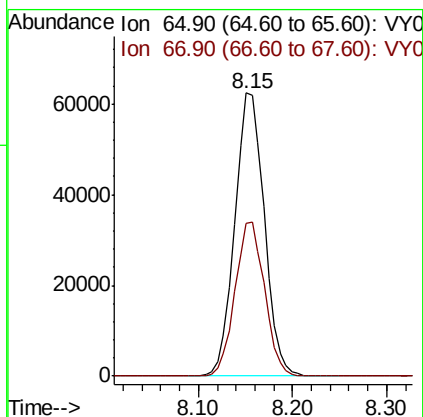
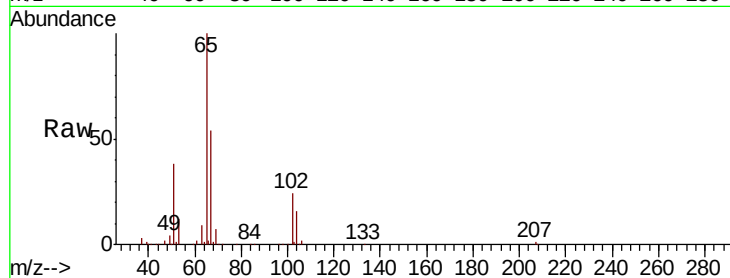




#33
 1,2-Dichloroethane-d4
 Concen: 55.344 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002593.D
 Acq: 05 May 2020 17:43

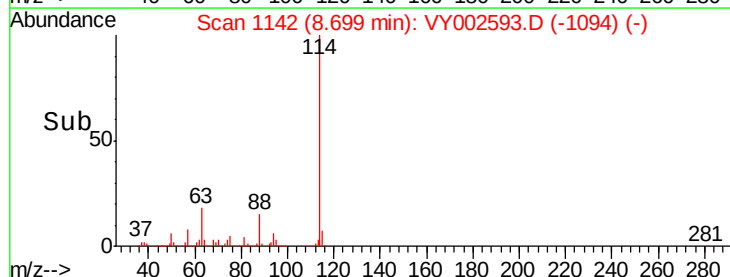
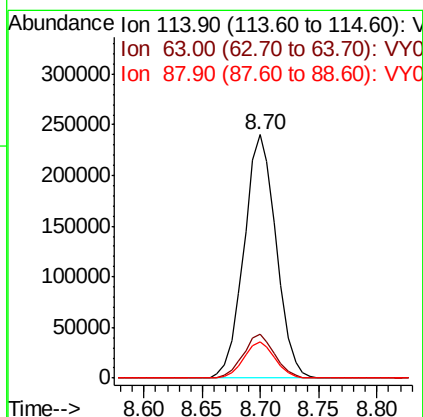
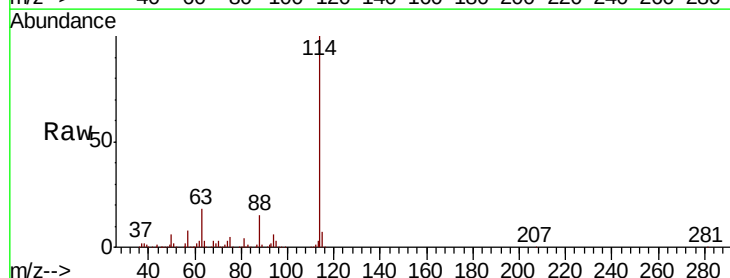
Instrument :
 MSVOA_Y
 ClientSampleId :

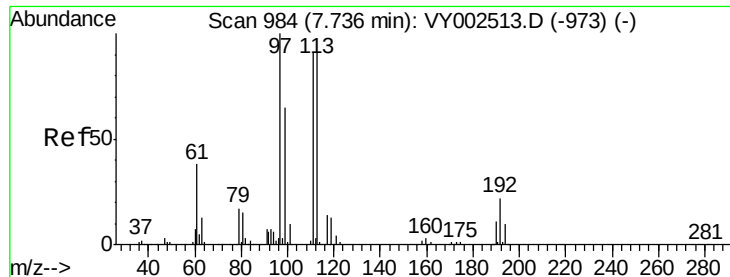
Tot Ion: 65 Resp: 136144
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002593.D
 Acq: 05 May 2020 17:43

Tgt Ion: 114 Resp: 461140
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.8 0.0 29.6

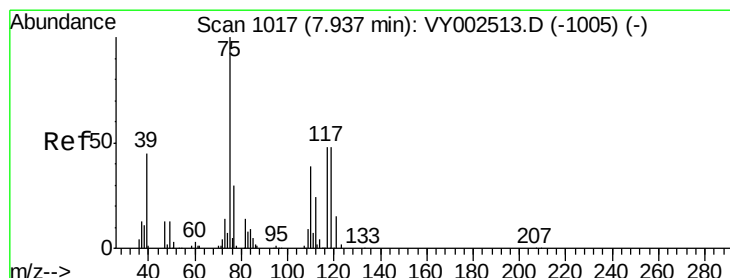
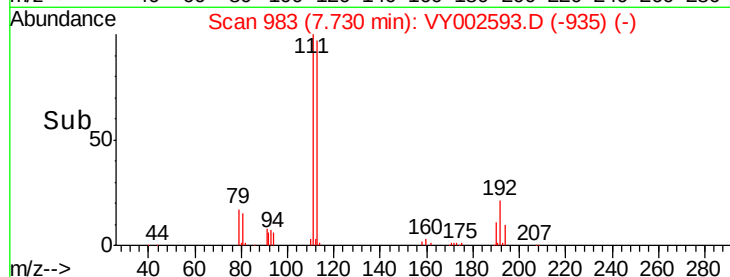
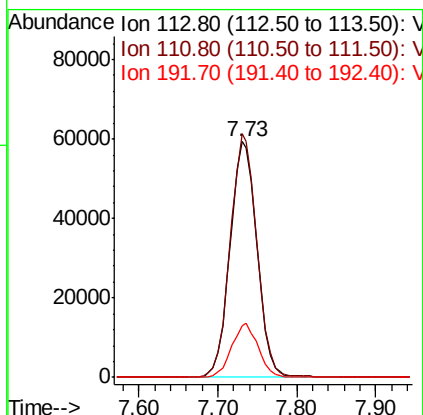
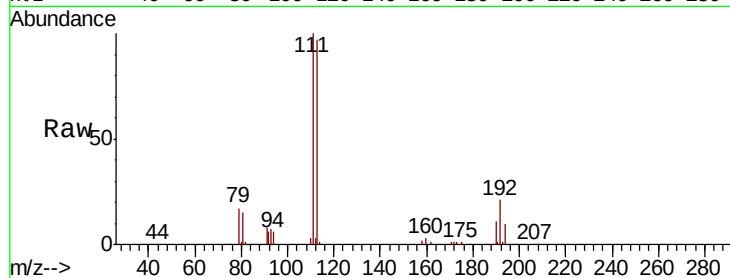




#35
 Dibromofluoromethane
 Concen: 53.413 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002593.D
 Acq: 05 May 2020 17:43

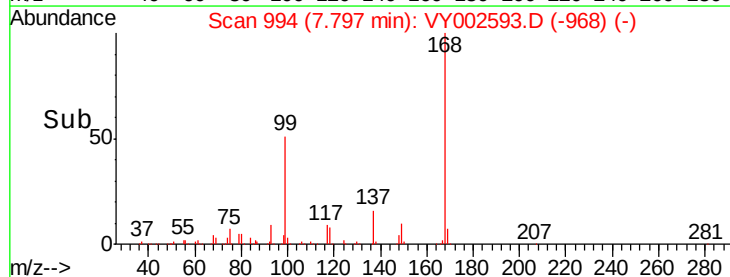
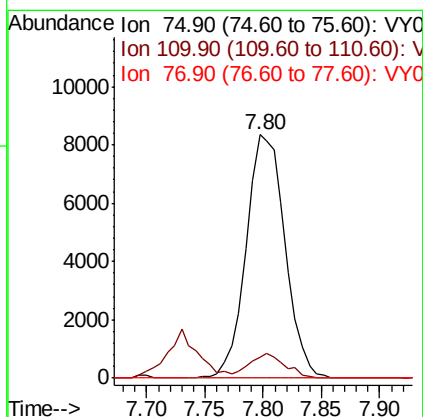
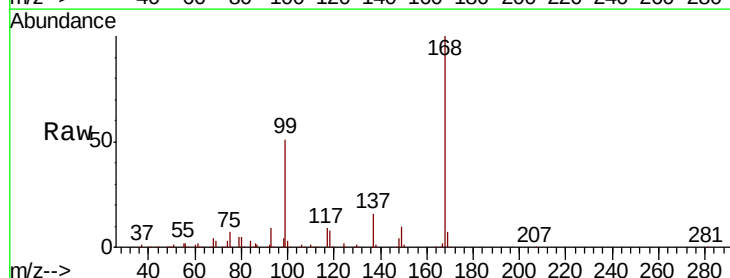
Instrument :
 MSVOA_Y
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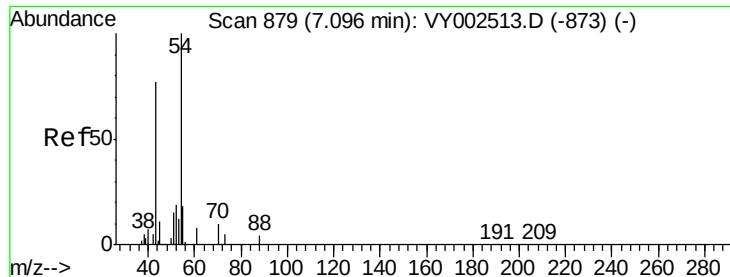
Tot Ion:113 Resp: 140864
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.6
 192 22.4 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 5.026 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002593.D
 Acq: 05 May 2020 17:43

Tgt Ion: 75 Resp: 19429
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.3#
 77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 10.075 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.09 min

Lab File: VY002593.D

Acq: 05 May 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

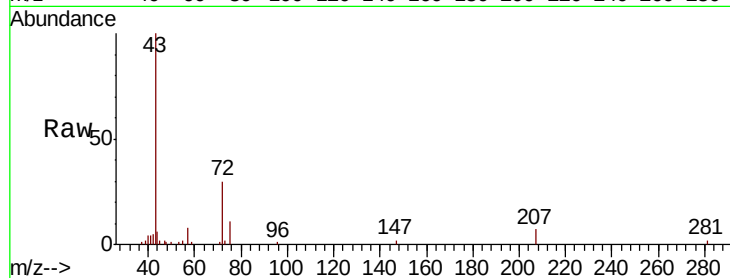
Tot Ion: 43 Resp: 20015

Ion Ratio Lower Upper

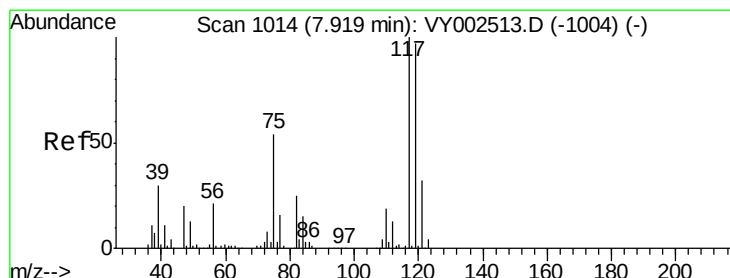
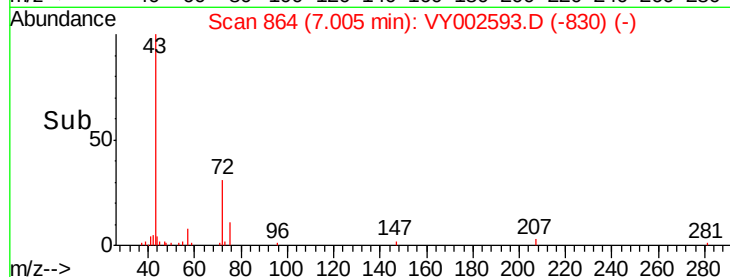
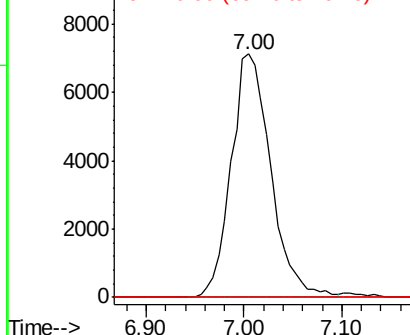
43 100

61 0.0 11.6 17.4#

70 0.0 9.0 13.6#



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: 6.209 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002593.D

Acq: 05 May 2020 17:43

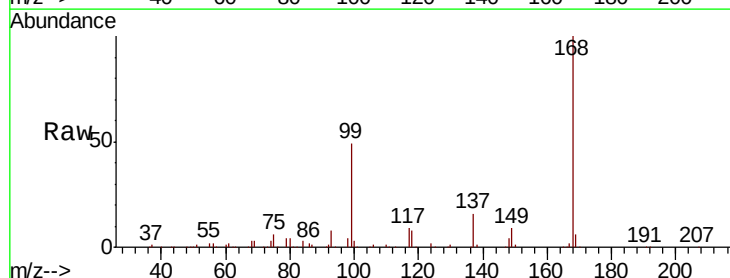
Tgt Ion: 117 Resp: 26204

Ion Ratio Lower Upper

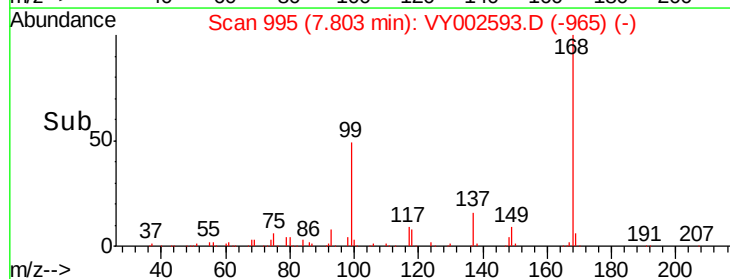
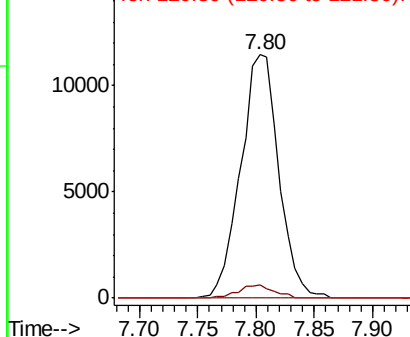
117 100

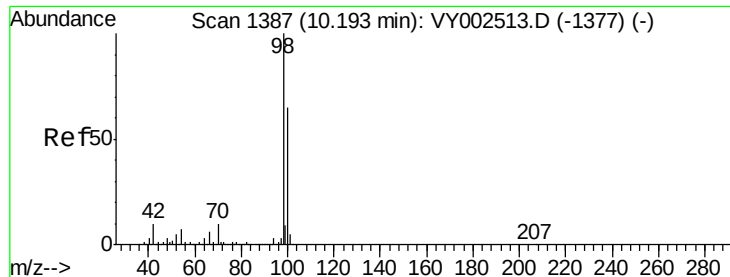
119 5.5 77.1 115.7#

121 0.0 25.2 37.8#



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

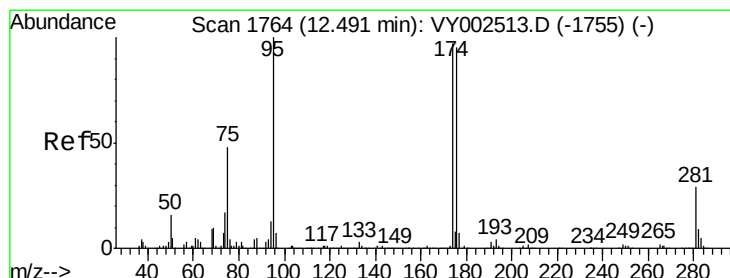
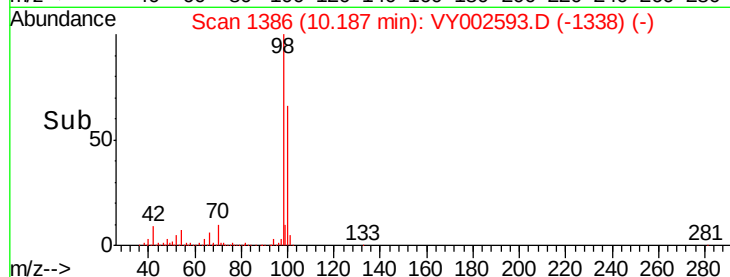
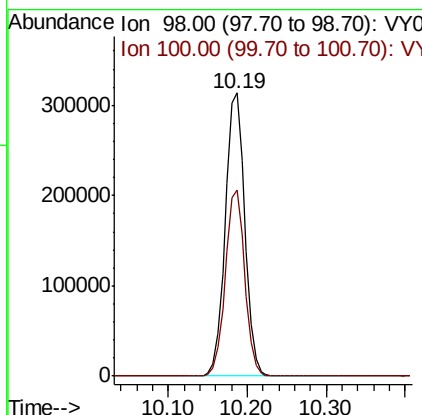
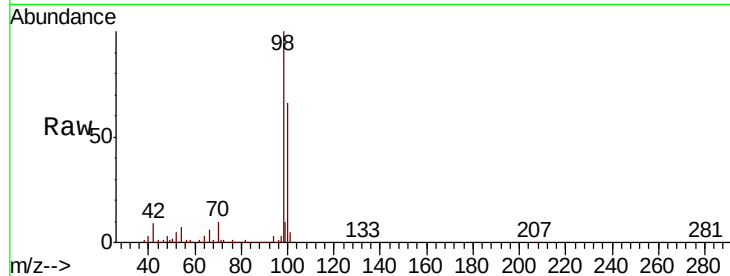




#50
Toluene-d8
Concen: 52.141 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

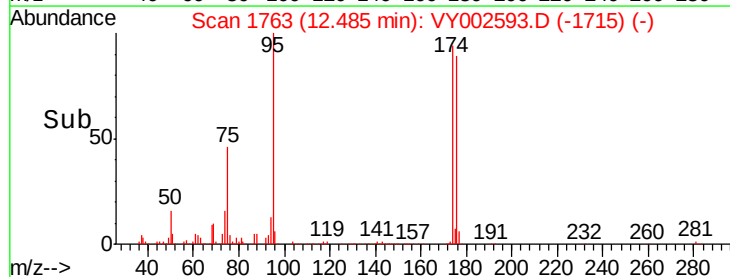
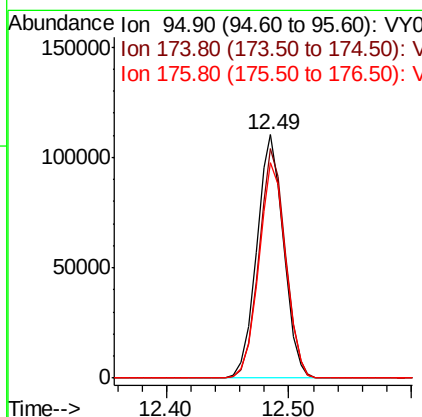
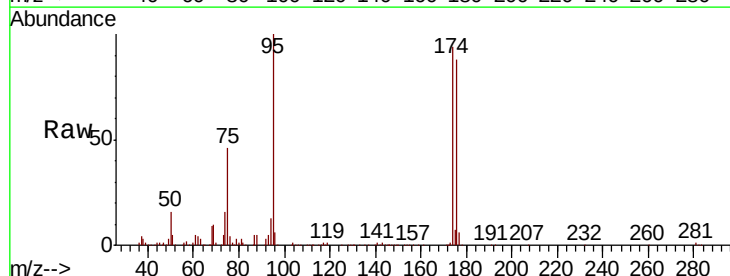
Instrument :
MSVOA_Y
ClientSampleId :

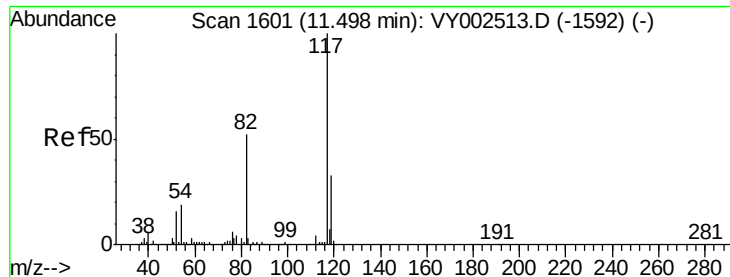
Tot Ion: 98 Resp: 536993
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.169 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

Tgt Ion: 95 Resp: 168335
Ion Ratio Lower Upper
95 100
174 93.6 0.0 188.8
176 88.9 0.0 183.2

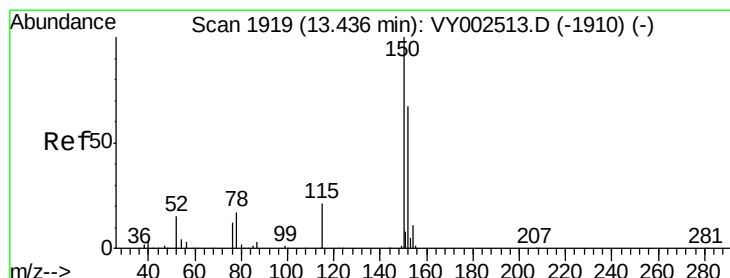
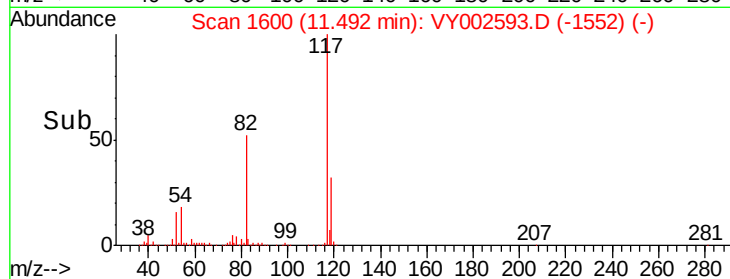
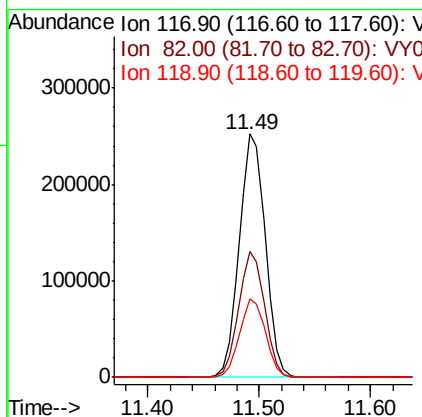
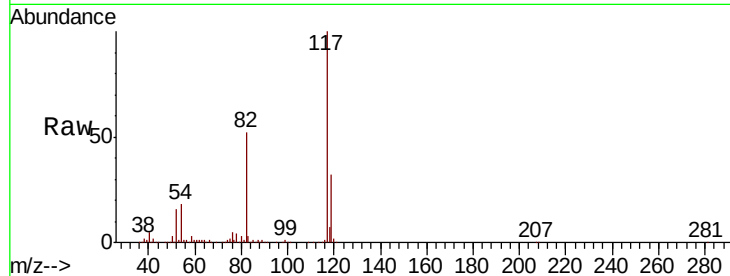




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

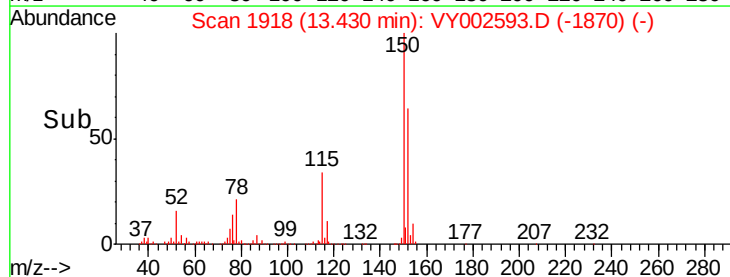
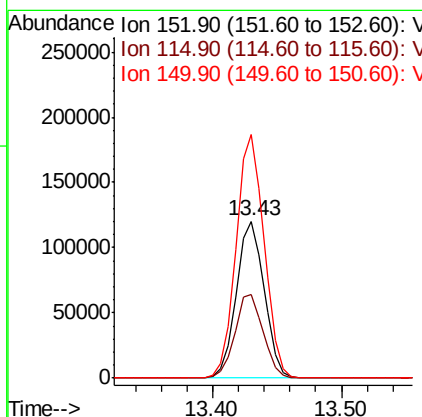
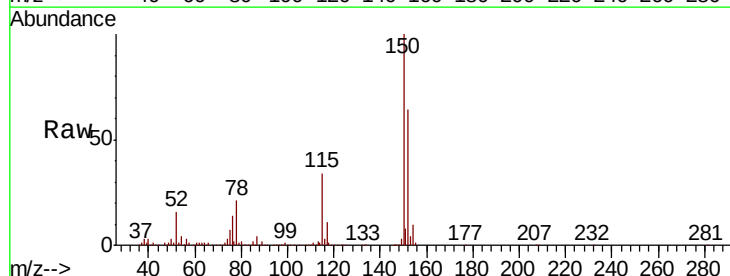
Instrument :
MSVOA_Y
ClientSampleId :

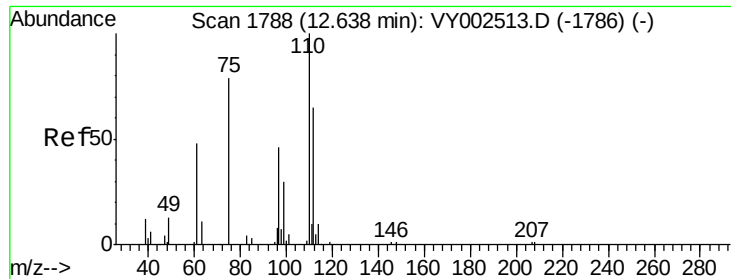
Tot Ion:117 Resp: 408110
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

Tgt Ion:152 Resp: 179903
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 156.2 0.0 346.4

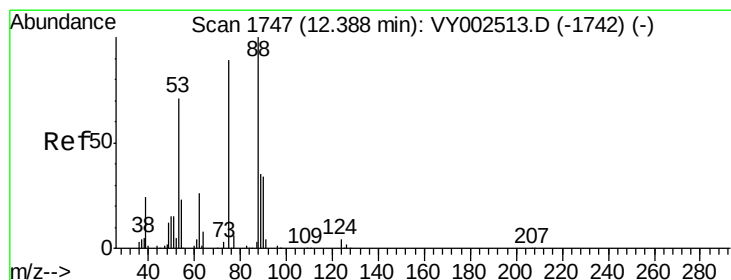
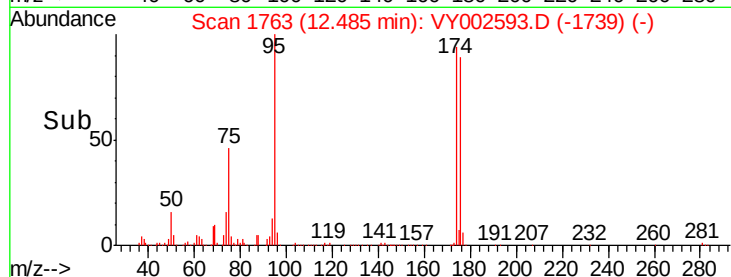
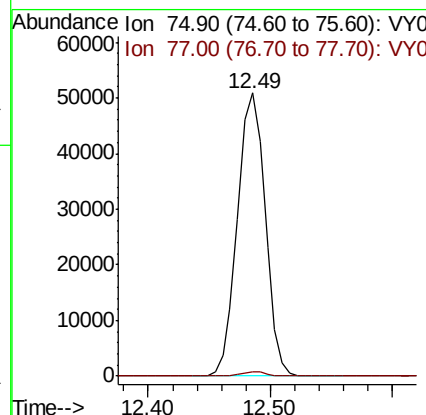
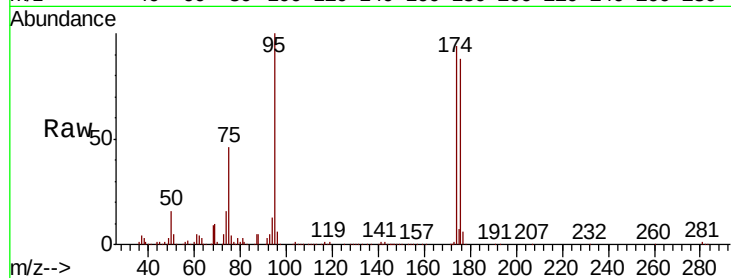




#76
 1,2,3-Trichloropropane
 Concen: 50.031 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002593.D
 Acq: 05 May 2020 17:43

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 79987
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.322 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002593.D
 Acq: 05 May 2020 17:43

Tgt Ion: 75 Resp: 79987
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 37.4 56.0#

