

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002568.D
 Acq On : 05 May 2020 02:43
 Operator : SY/MD
 Sample : L2479-02
 Misc : 4.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-014

Quant Time: May 05 09:16:27 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

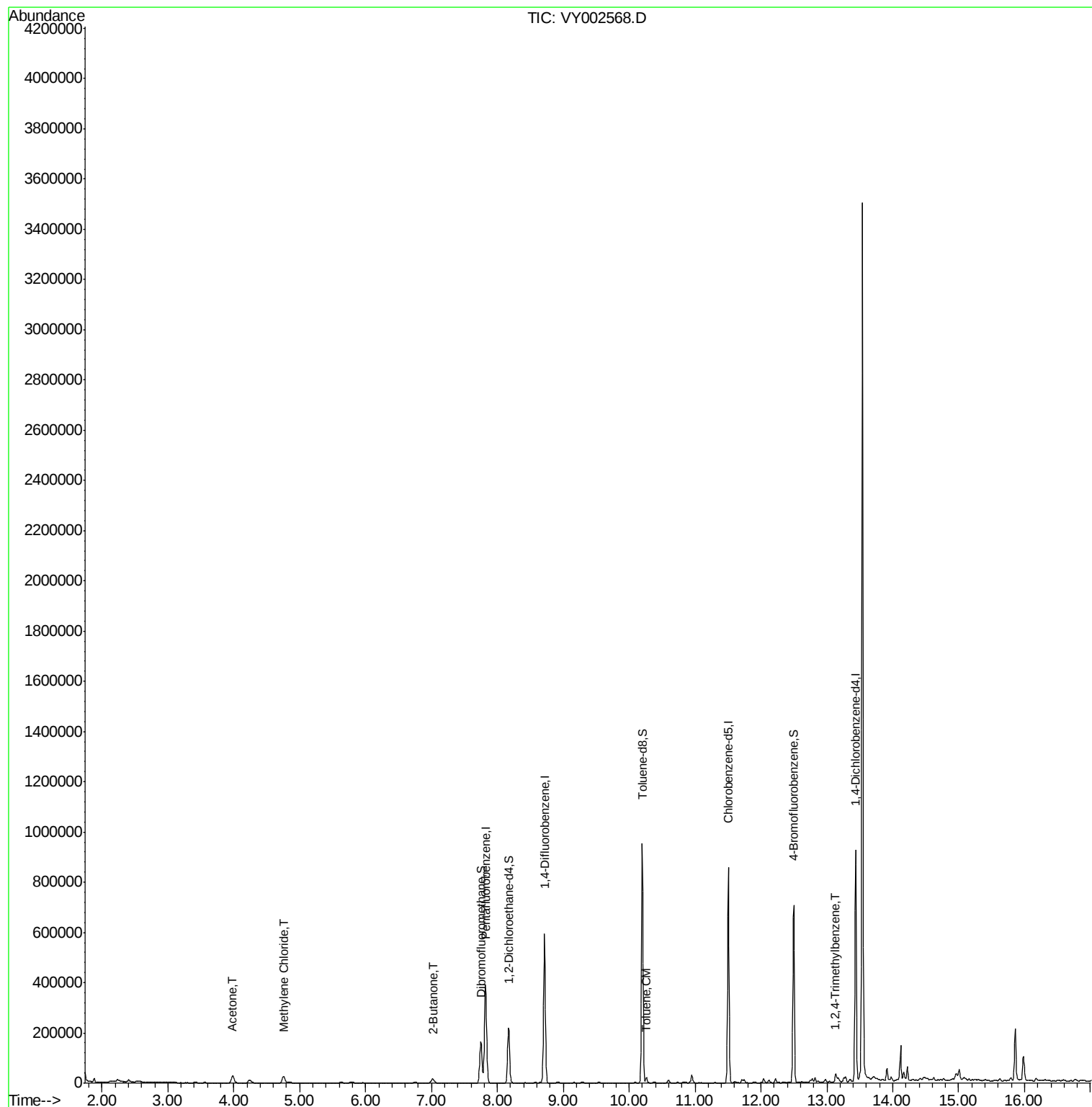
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	334043	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	543204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	501514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	253699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	165435	58.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.80%	
35) Dibromofluoromethane	7.75	113	117951	37.97	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.94%	
50) Toluene-d8	10.20	98	643344	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.50	95	217936	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
Target Compounds						
16) Acetone	3.98	43	52242	90.126	ug/l	97
20) Methylene Chloride	4.76	84	20335	6.273	ug/l	98
25) 2-Butanone	7.03	43	6419	6.765	ug/l	94
52) Toluene	10.26	92	9229	1.092	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	16022	1.180	ug/l	90

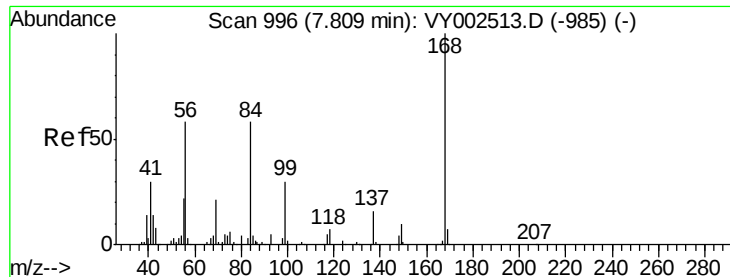
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002568.D

Acq: 05 May 2020 02:43

Instrument :

MSVOA_Y

ClientSampleId :

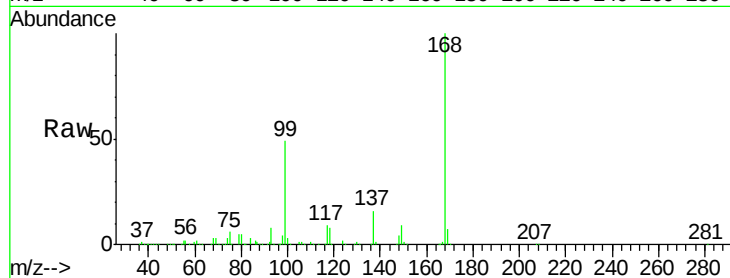
FK-0D015-03-014

Tot Ion:168 Resp: 334043

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) (-)

7.82

150000

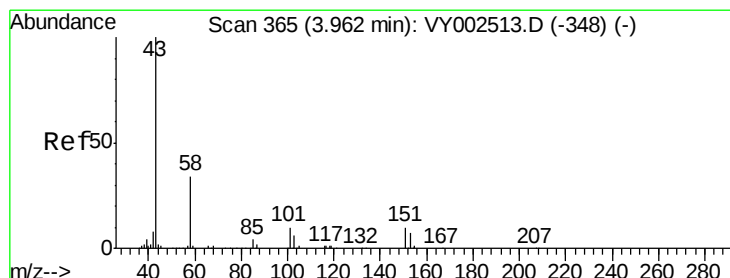
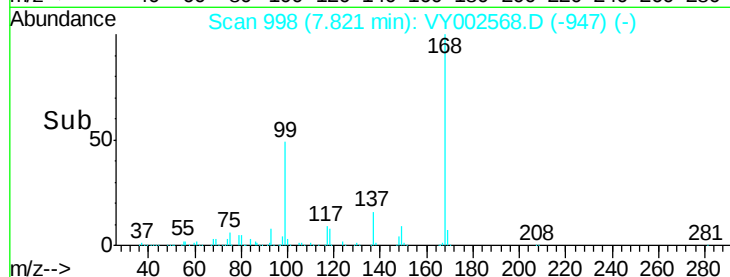
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 90.126 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002568.D

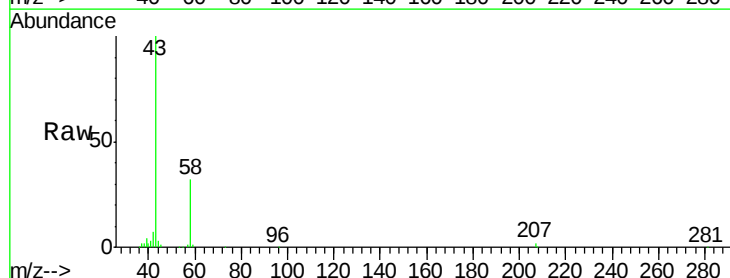
Acq: 05 May 2020 02:43

Tgt Ion: 43 Resp: 52242

Ion Ratio Lower Upper

43 100

58 31.9 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.98

20000

15000

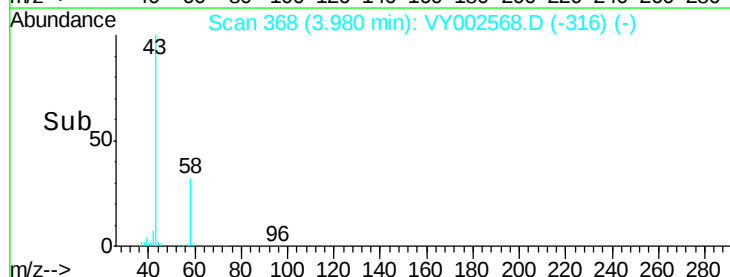
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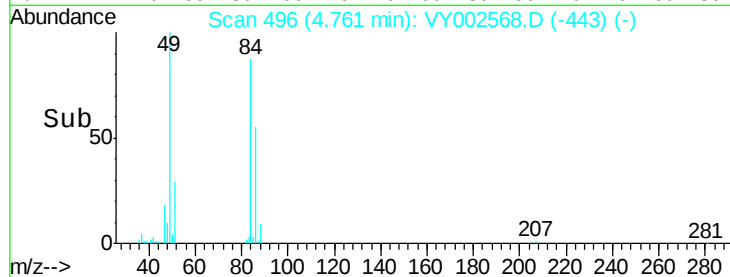
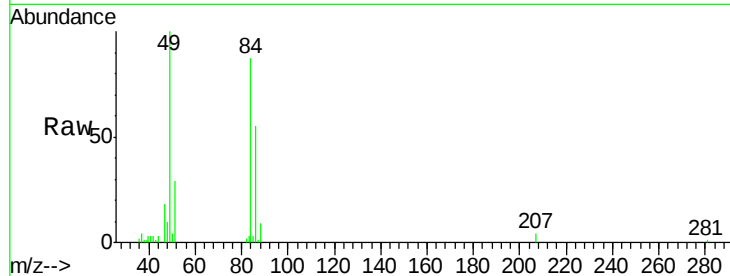
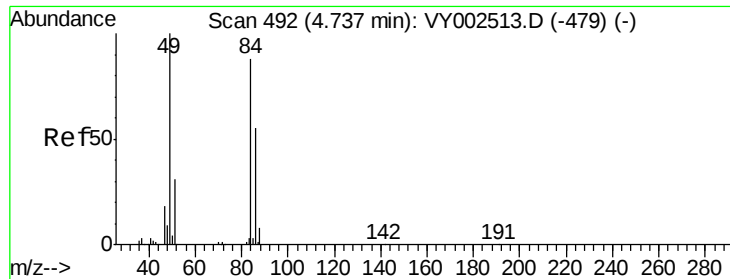
5000

0

3.90 4.00 4.10

Time-->

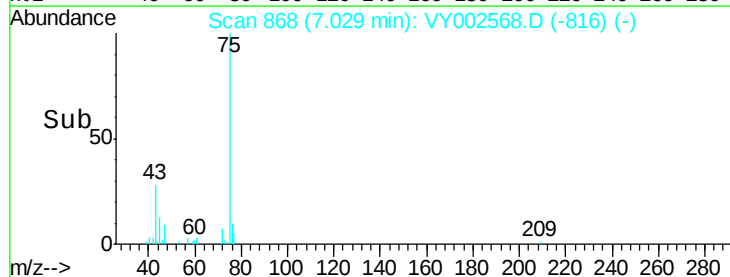
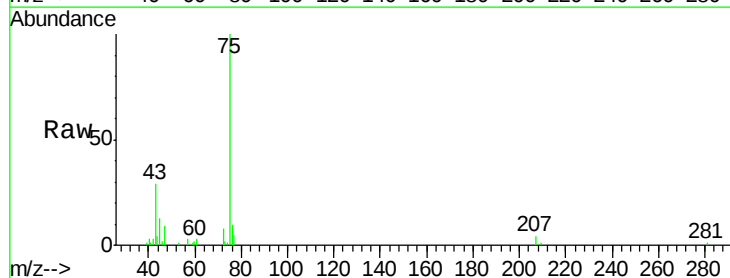
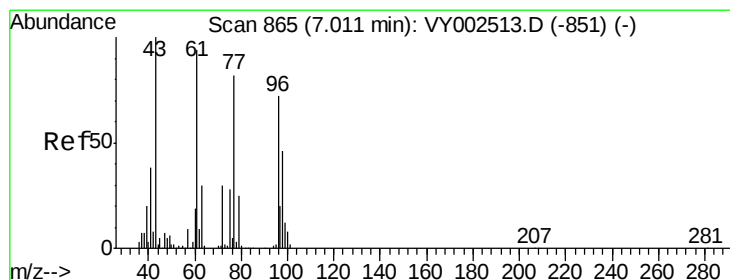
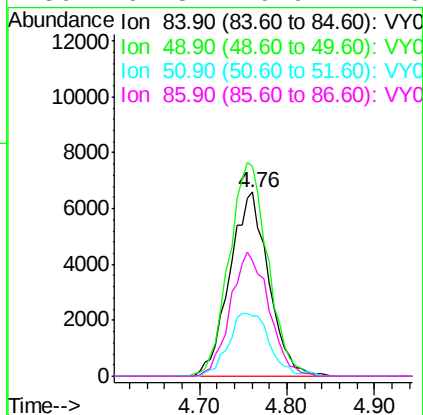




#20
Methvlene Chloride
Concen: 6.273 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY002568.D
Acq: 05 May 2020 02:43

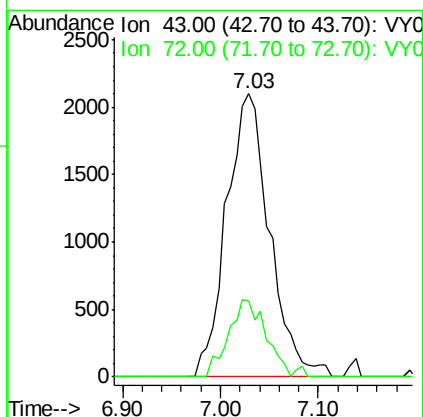
Instrument :
MSVOA_Y
ClientSampleId :
FK-0D015-03-014

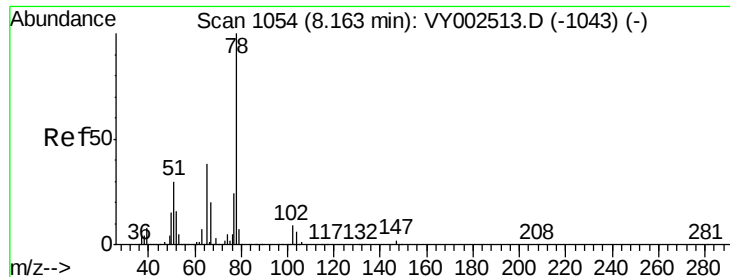
Tot Ion:	84	Resp:	20335
Ion	Ratio	Lower	Upper
84	100		
49	114.4	90.5	135.7
51	32.8	28.3	42.5
86	62.8	49.9	74.9



#25
2-Butanone
Concen: 6.765 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002568.D
Acq: 05 May 2020 02:43

Tgt Ion:	43	Resp:	6419
Ion	Ratio	Lower	Upper
43	100		
72	27.1	24.1	36.1

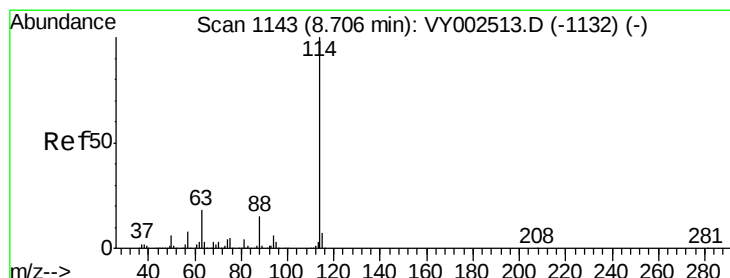
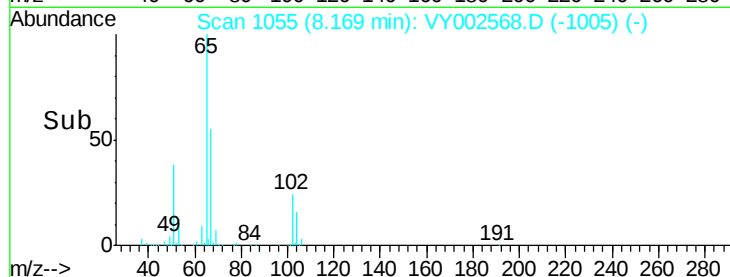
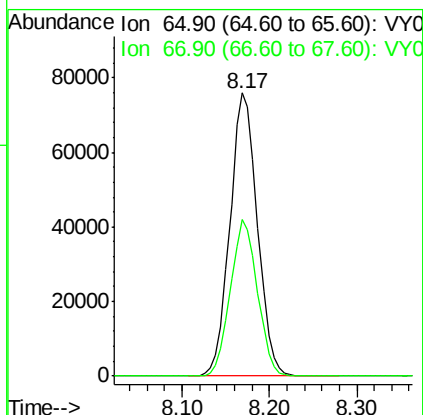
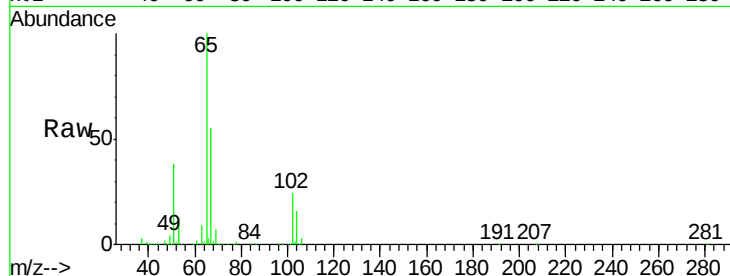




#33
 1,2-Dichloroethane-d4
 Concen: 58.901 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002568.D
 Acq: 05 May 2020 02:43

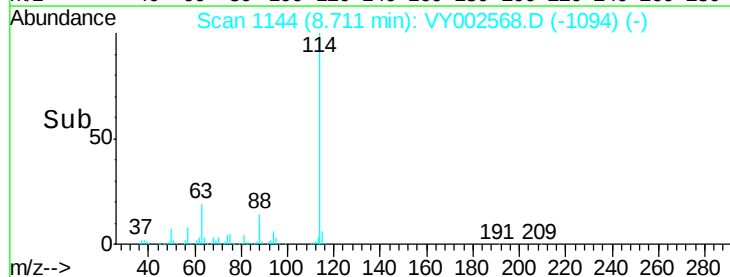
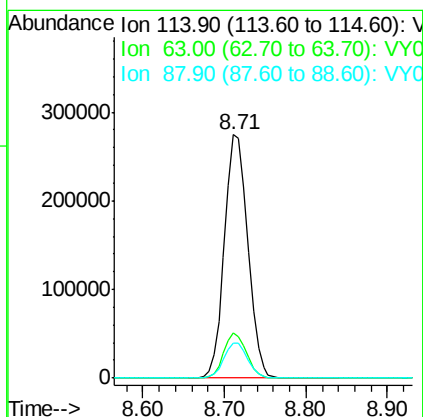
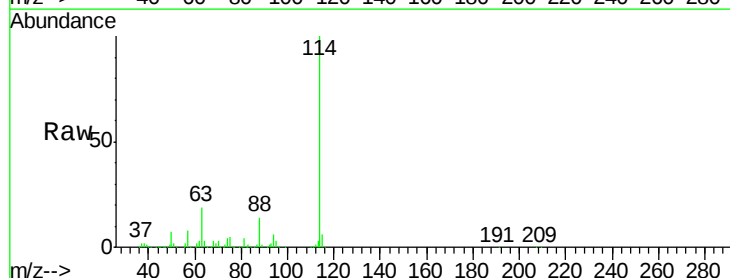
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-014

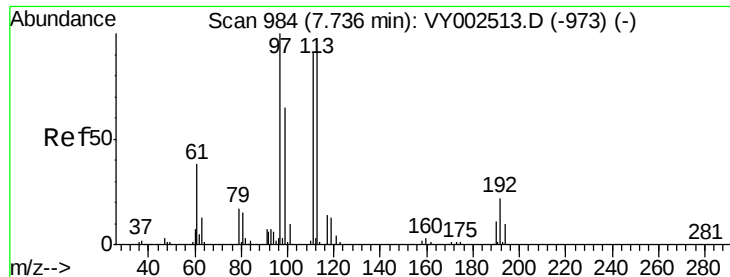
Tot Ion: 65 Resp: 165435
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002568.D
 Acq: 05 May 2020 02:43

Tgt Ion: 114 Resp: 543204
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.4
 88 14.4 0.0 29.6

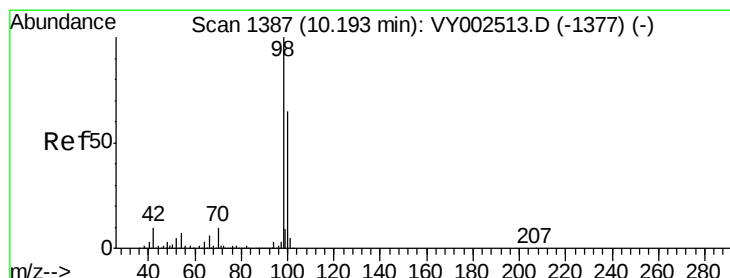
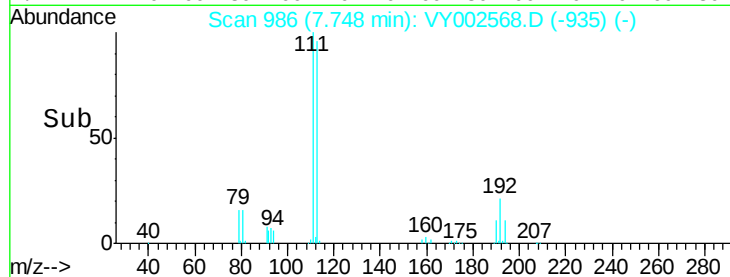
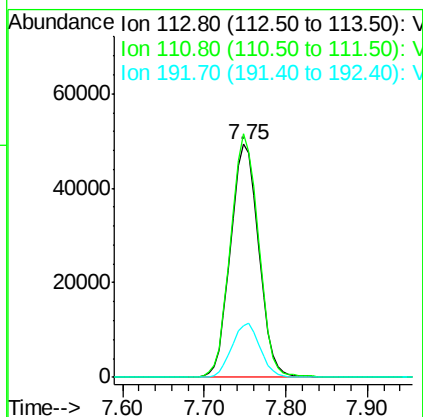
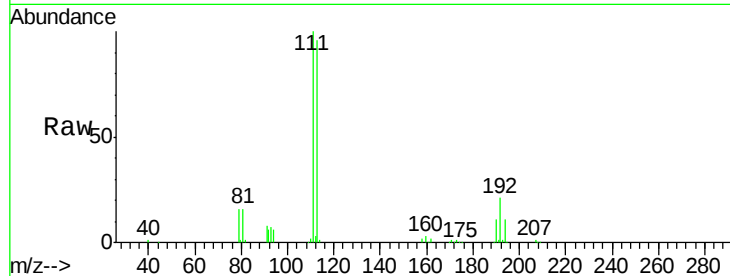




#35
 Dibromofluoromethane
 Concen: 37.968 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002568.D
 Acq: 05 May 2020 02:43

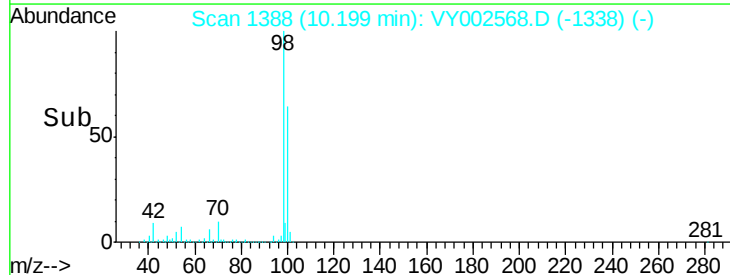
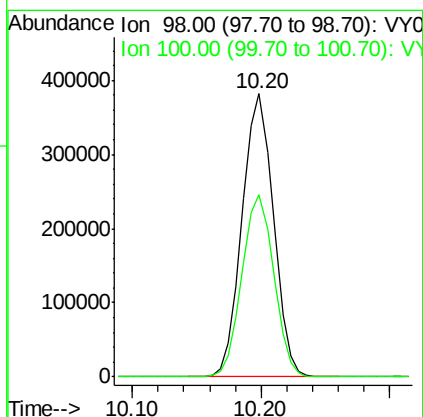
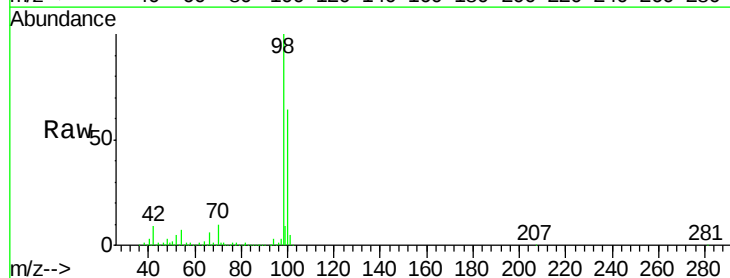
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-014

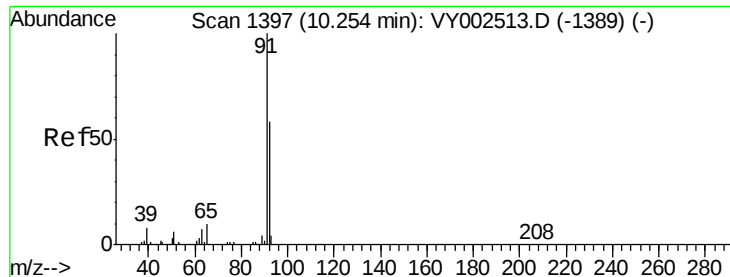
Tot Ion:113 Resp: 117951
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.6
 192 23.1 18.2 27.4



#50
 Toluene-d8
 Concen: 53.030 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY002568.D
 Acq: 05 May 2020 02:43

Tgt Ion: 98 Resp: 643344
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.2 78.2





#52

Toluene

Concen: 1.092 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002568.D

Acq: 05 May 2020 02:43

Instrument :

MSVOA_Y

ClientSampleId :

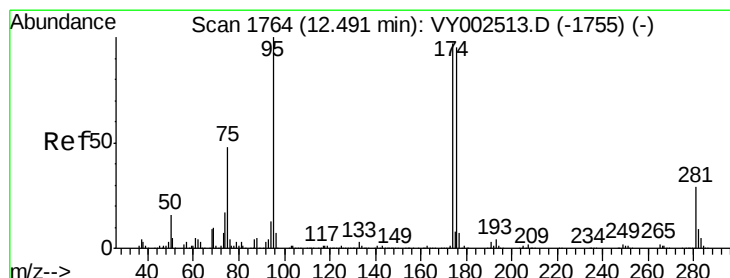
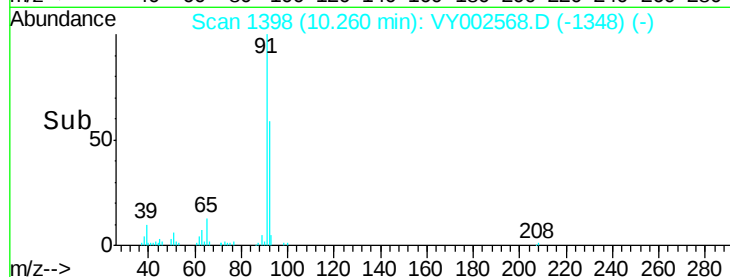
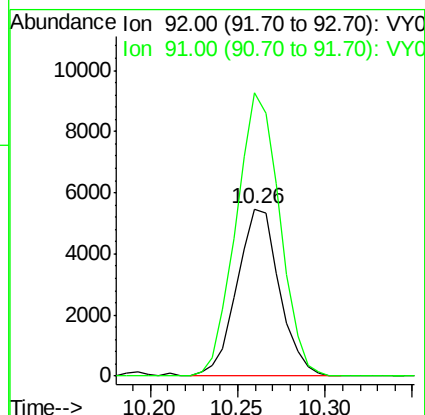
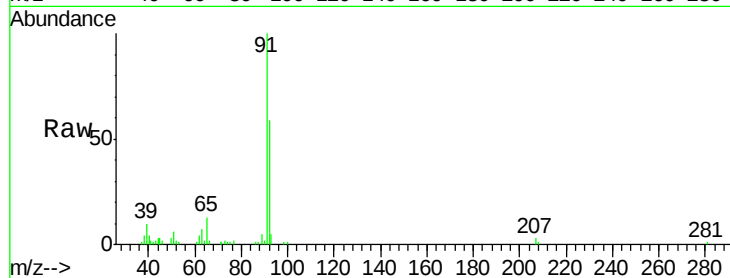
FK-0D015-03-014

Tot Ion: 92 Resp: 9229

Ion Ratio Lower Upper

92 100

91 174.0 139.3 208.9



#62

4-Bromofluorobenzene

Concen: 52.941 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002568.D

Acq: 05 May 2020 02:43

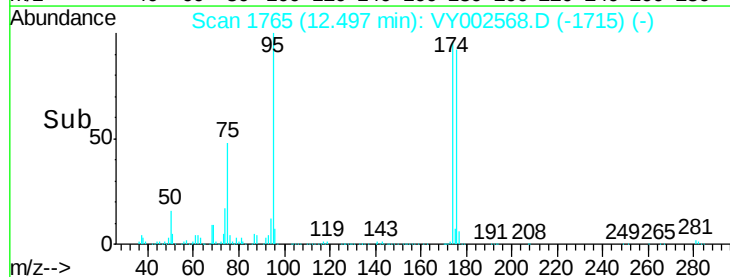
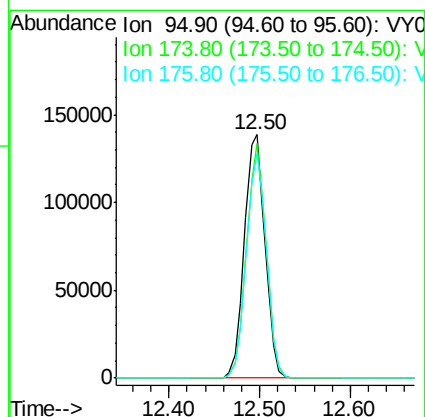
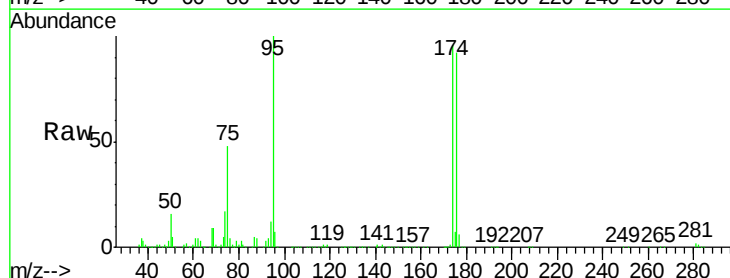
Tgt Ion: 95 Resp: 217936

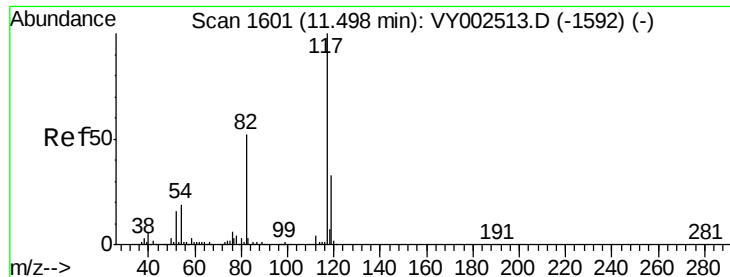
Ion Ratio Lower Upper

95 100

174 92.1 0.0 188.8

176 90.2 0.0 183.2

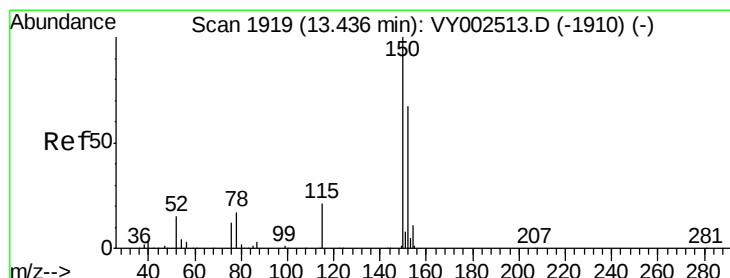
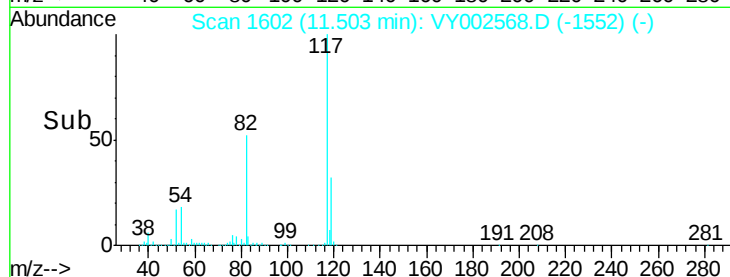
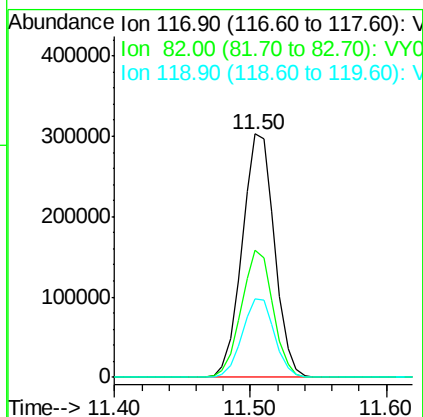
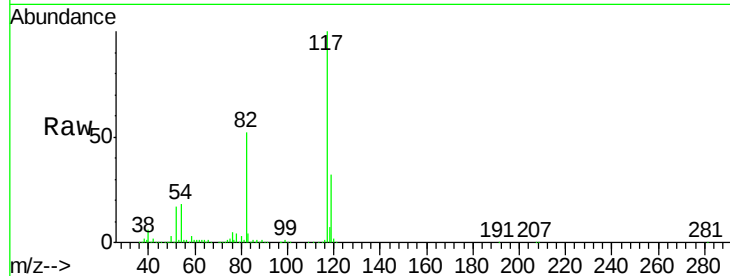




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002568.D
Acq: 05 May 2020 02:43

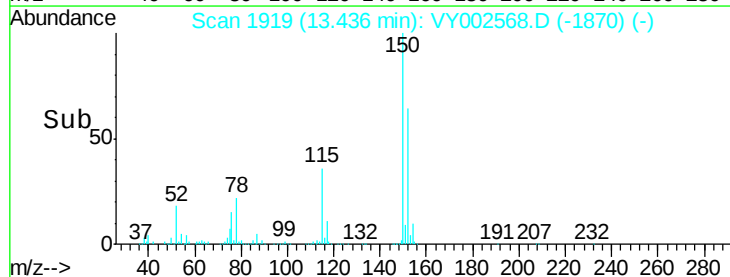
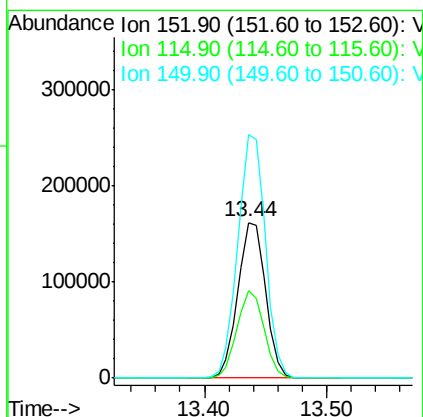
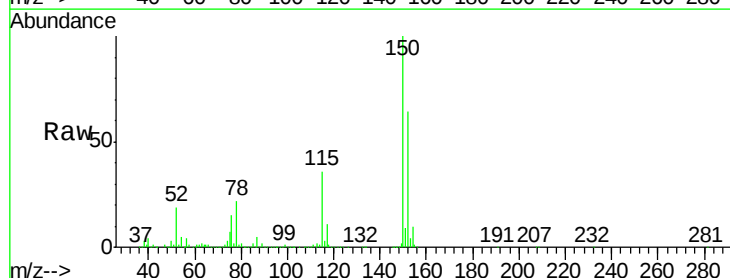
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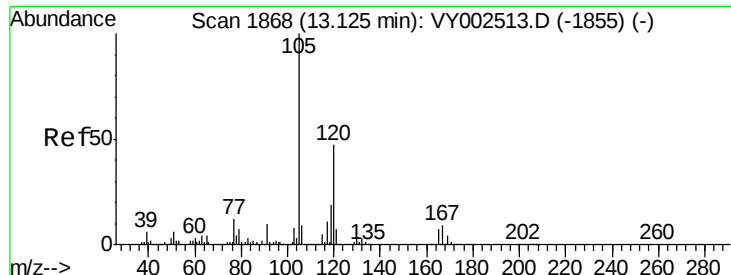
Tot Ion:117 Resp: 501514
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002568.D
Acq: 05 May 2020 02:43

Tgt Ion:152 Resp: 253699
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 156.0 0.0 346.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.180 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002568.D
 Acq: 05 May 2020 02:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-014

Tot Ion:105 Resp: 16022
 Ion Ratio Lower Upper
 105 100
 120 40.3 23.4 70.3

