

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002171.D
 Acq On : 01 Apr 2020 18:18
 Operator : SY/MD
 Sample : L2129-11
 Misc : 6.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:24:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	113332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	214801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	162932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	45030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	70636	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
35) Dibromofluoromethane	7.74	113	65965	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
50) Toluene-d8	10.19	98	255898	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.49	95	59246	33.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.76%	

Target Compounds

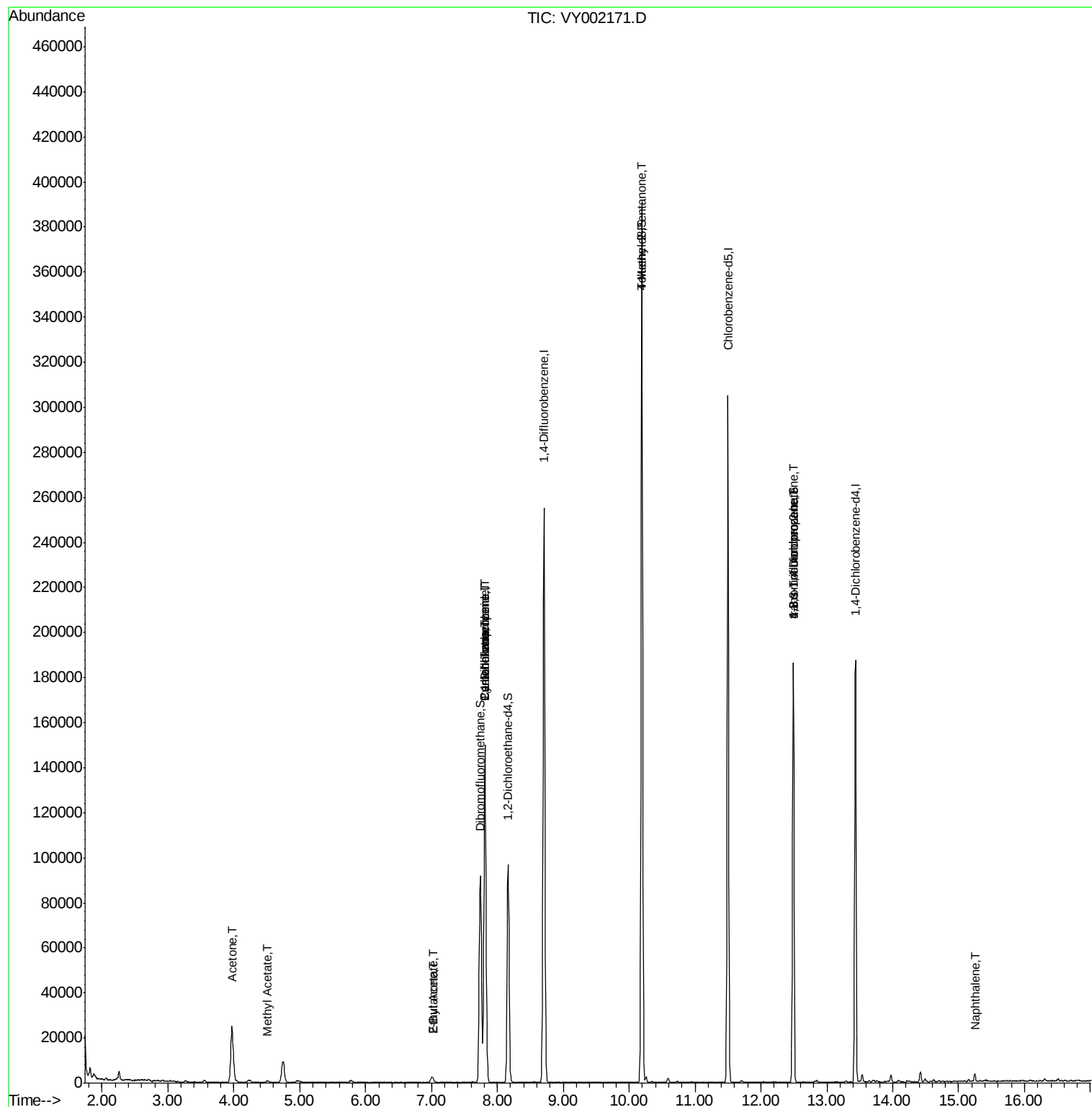
					Qvalue	
16) Acetone	3.97	43	44599	126.706	ug/l	99
18) Methyl Acetate	4.50	43	1783	1.951	ug/l #	78
20) Methylene Chloride	4.75	84	6780	Below Cal		95
25) 2-Butanone	7.03	43	1333	2.466	ug/l	97
31) Cyclohexane	7.82	56	2682	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	9715	4.782	ug/l #	49
37) Ethyl Acetate	7.03	43	1333	1.086	ug/l #	68
38) Carbon Tetrachloride	7.81	117	11525	6.686	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1261	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	30241	60.037	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	30241	116.314	ug/l #	17
95) Naphthalene	15.25	128	2920	1.481	ug/l	99

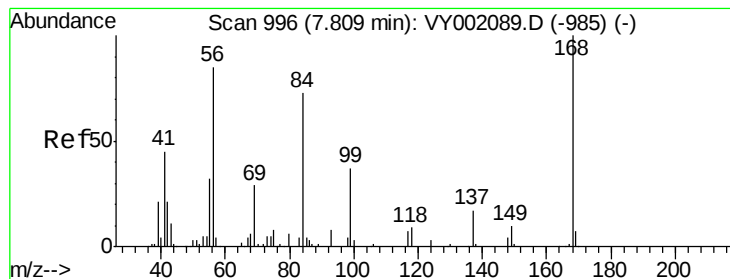
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002171.D

Acq: 01 Apr 2020 18:18

Instrument :

MSVOA_Y

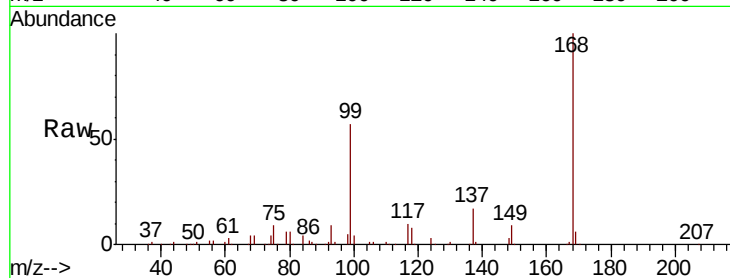
ClientSampled :

Tot Ion:168 Resp: 113332

Ion Ratio Lower Upper

168 100

99 56.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002171.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002171.D (-947) (-)

7.81

60000

50000

40000

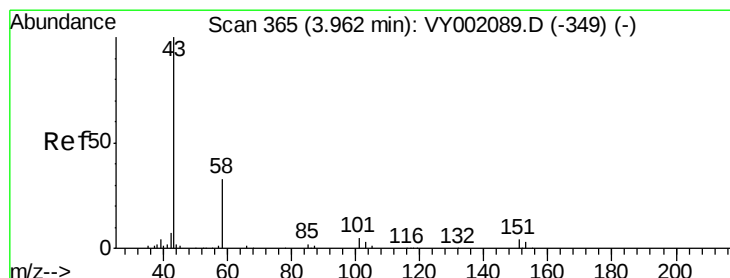
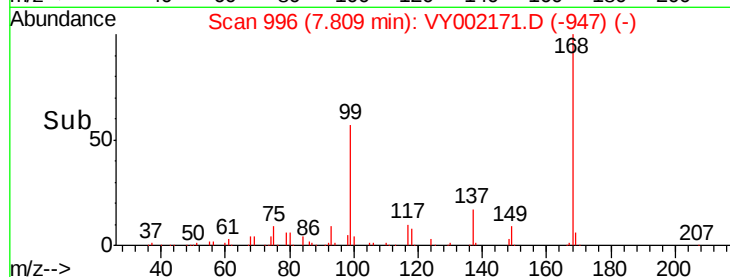
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 126.706 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002171.D

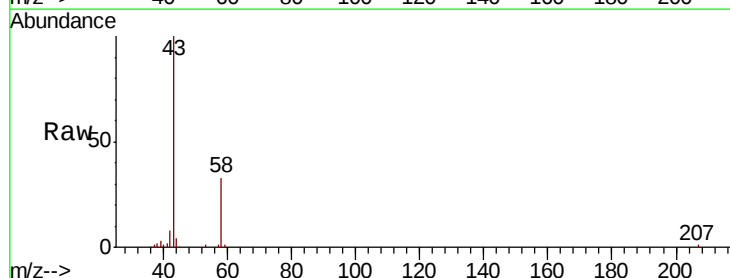
Acq: 01 Apr 2020 18:18

Tgt Ion: 43 Resp: 44599

Ion Ratio Lower Upper

43 100

58 33.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002171.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002171.D (-316) (-)

3.97

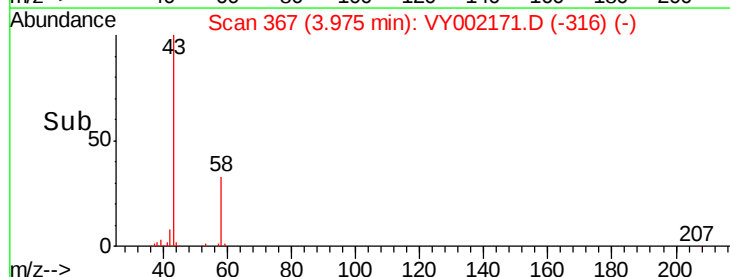
15000

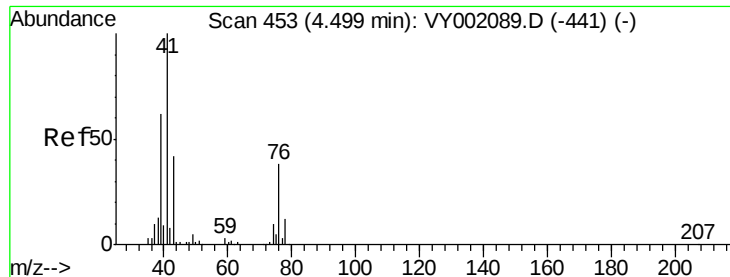
10000

5000

0

Time-->

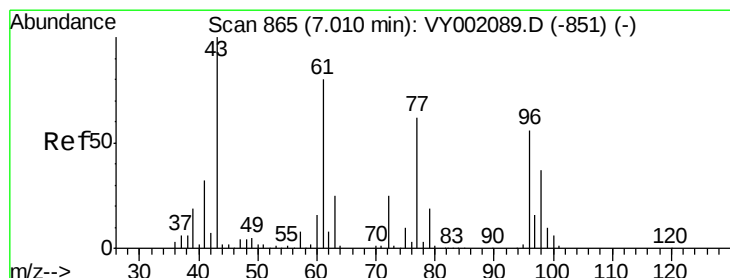
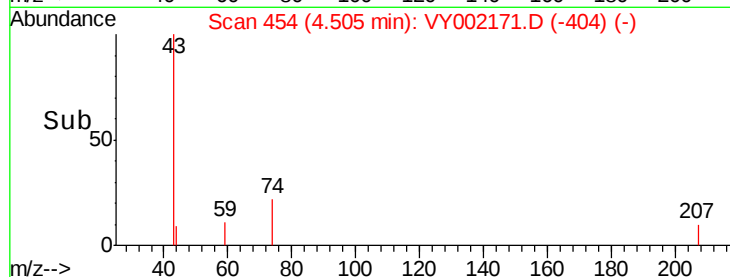
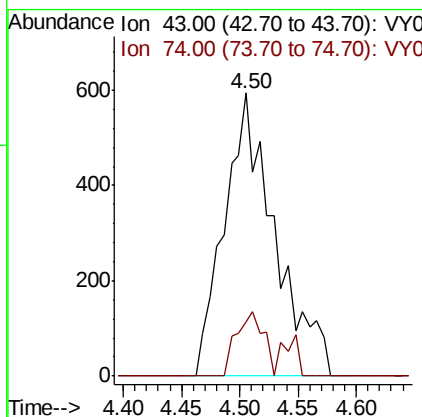
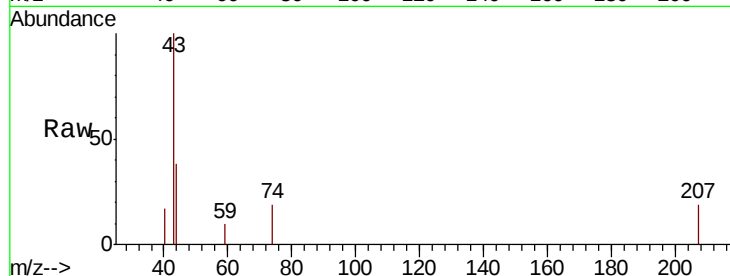




#18
Methyl Acetate
Concen: 1.951 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002171.D
Acq: 01 Apr 2020 18:18

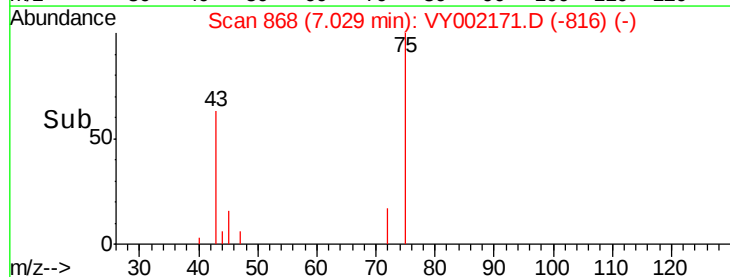
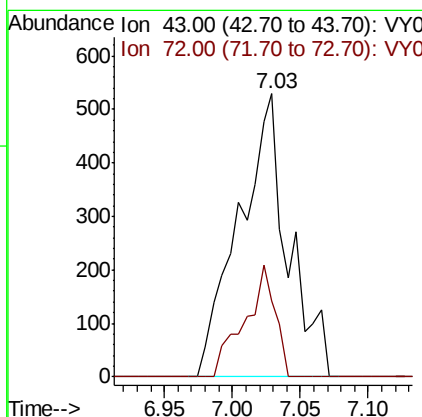
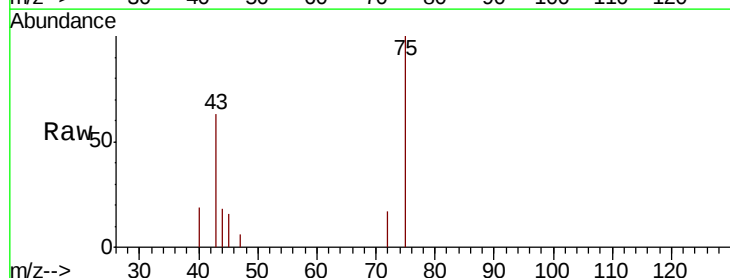
Instrument :
MSVOA_Y
ClientSampled :

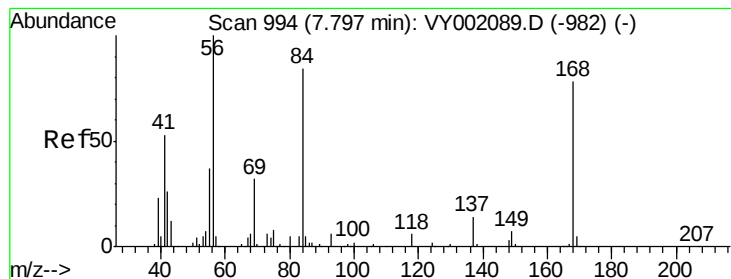
Tot Ion: 43 Resp: 1783
Ion Ratio Lower Upper
43 100
74 12.3 18.3 27.5#



#25
2-Butanone
Concen: 2.466 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002171.D
Acq: 01 Apr 2020 18:18

Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
72 26.8 20.2 30.2





#31

Cyclohexane

Concen: 1.028 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002171.D

Acq: 01 Apr 2020 18:18

Instrument :
MSVOA_Y
ClientSampled :

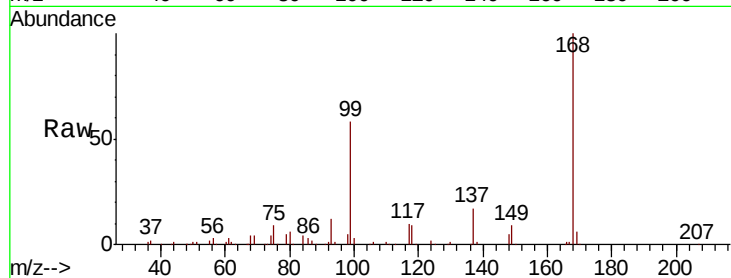
Tot Ion: 56 Resp: 2682

Ion Ratio Lower Upper

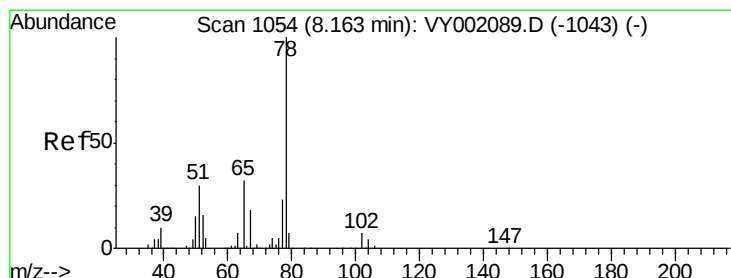
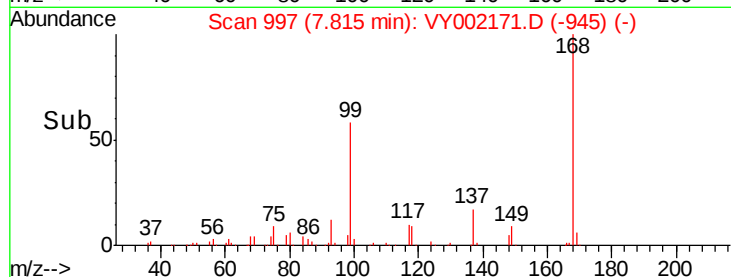
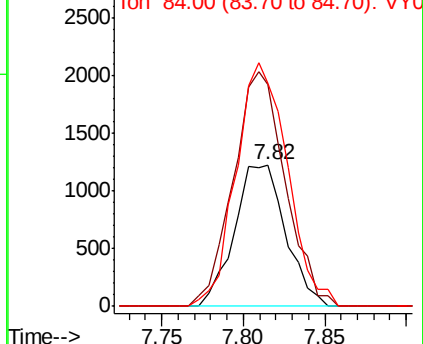
56 100

69 156.8 25.8 38.8#

84 157.9 67.1 100.7#



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: 56.380 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002171.D

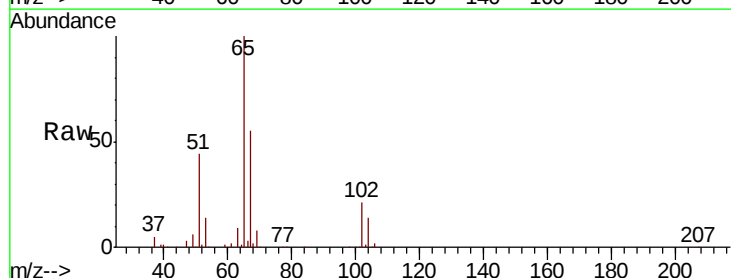
Acq: 01 Apr 2020 18:18

Tgt Ion: 65 Resp: 70636

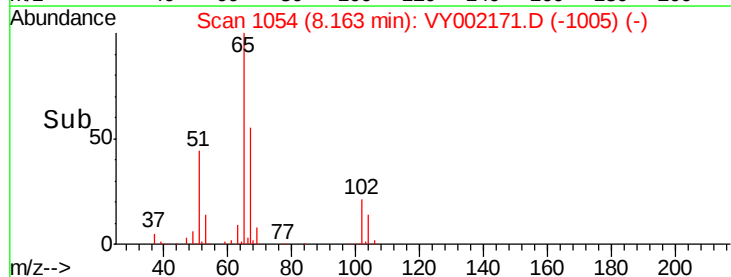
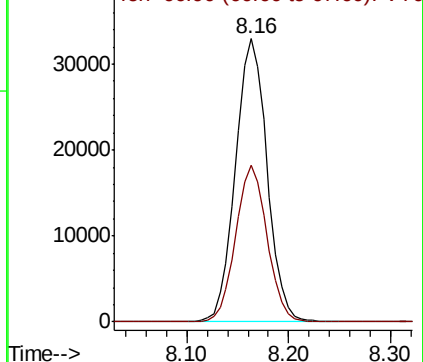
Ion Ratio Lower Upper

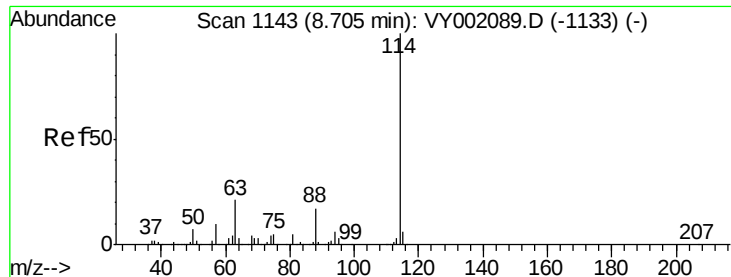
65 100

67 54.8 0.0 112.8



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

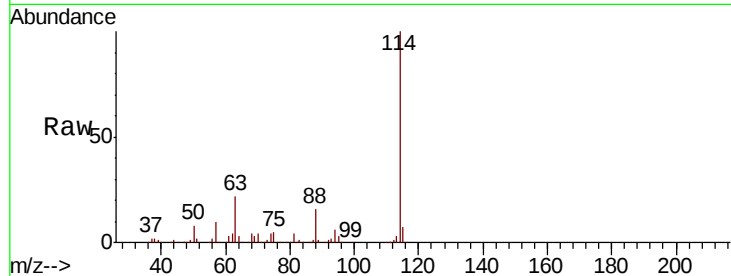




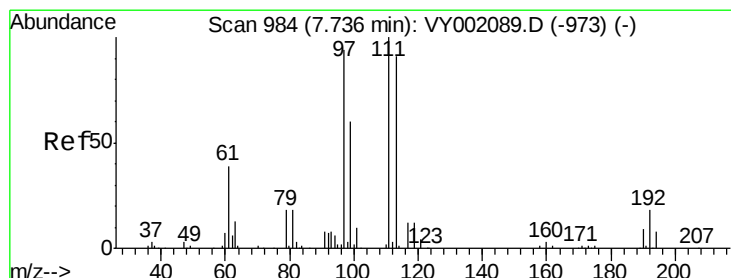
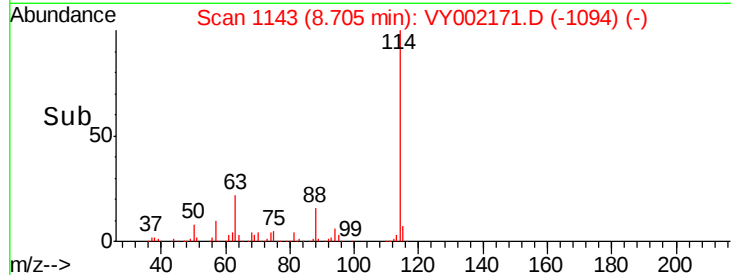
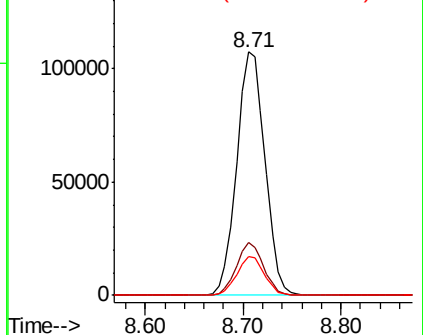
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002171.D
 Acq: 01 Apr 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.4
88	16.1	0.0	33.0

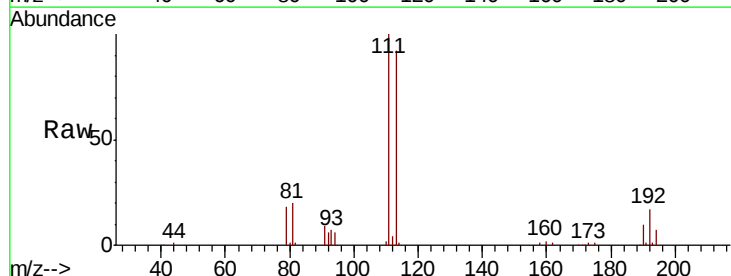


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

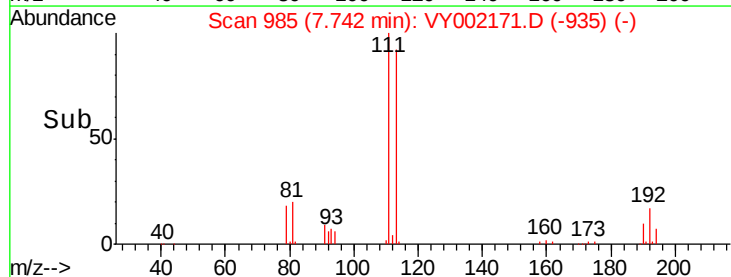
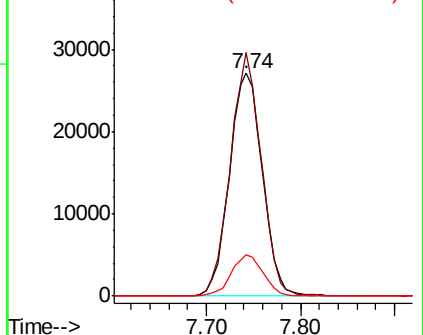


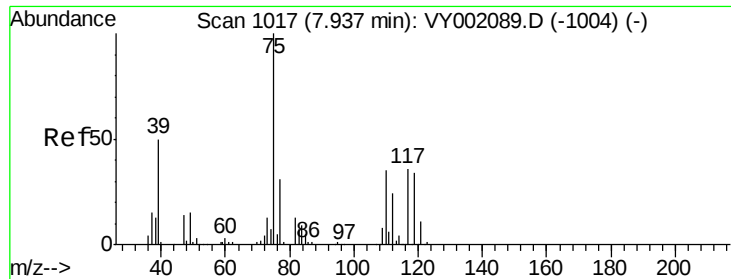
#35
 Dibromofluoromethane
 Concen: 54.808 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002171.D
 Acq: 01 Apr 2020 18:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	84.4	126.6
192	17.9	14.6	21.8



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

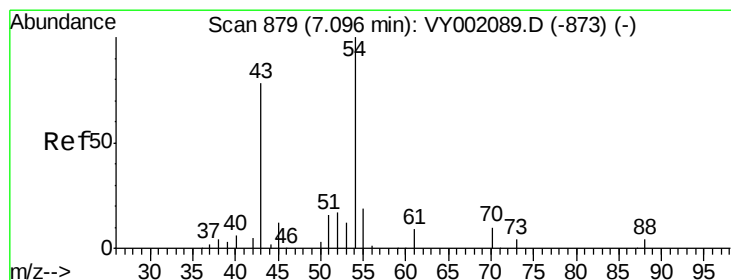
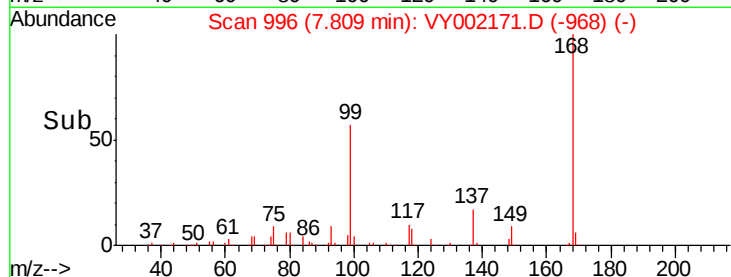
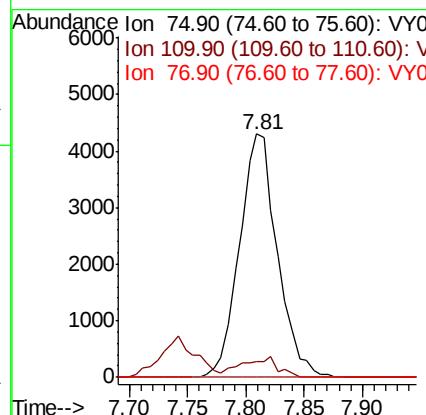
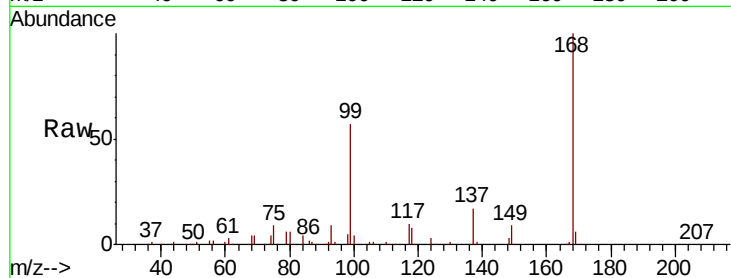




#36
 1,1-Dichloropropene
 Concen: 4.782 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002171.D
 Acq: 01 Apr 2020 18:18

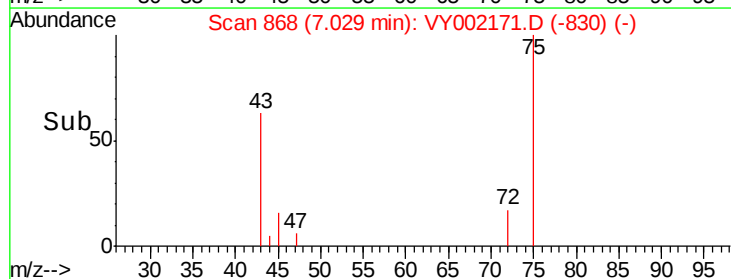
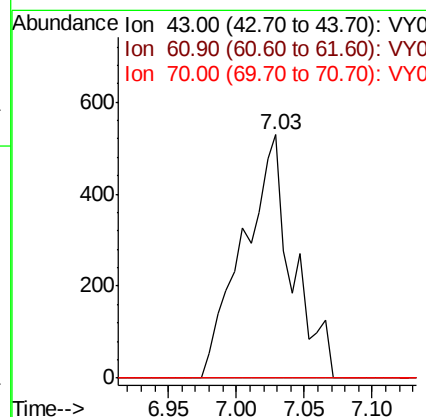
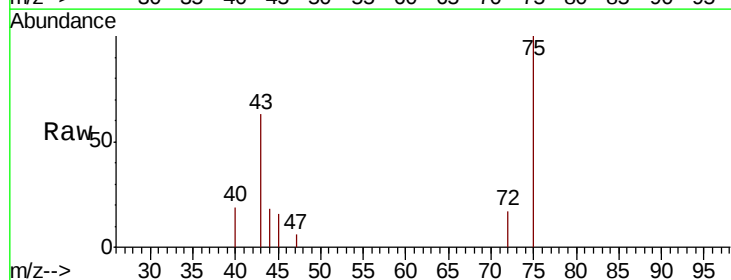
Instrument :
 MSVOA_Y
 ClientSampled :

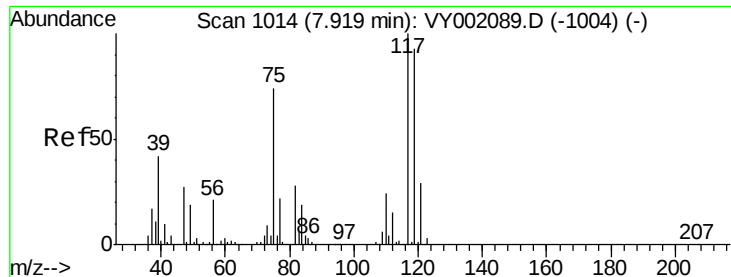
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.2	51.6#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.086 ug/l
 RT: 7.03 min Scan# 868
 Delta R.T. -0.07 min
 Lab File: VY002171.D
 Acq: 01 Apr 2020 18:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	8.2	12.4#

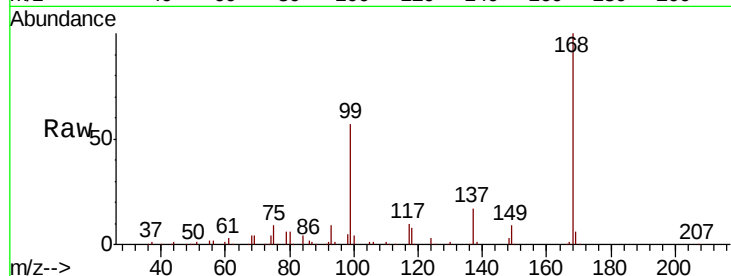




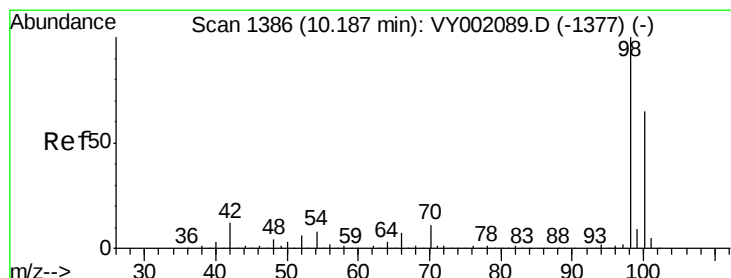
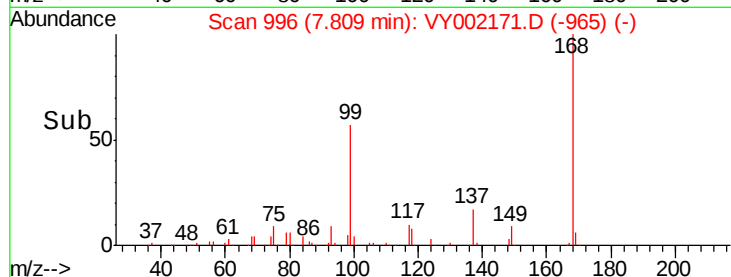
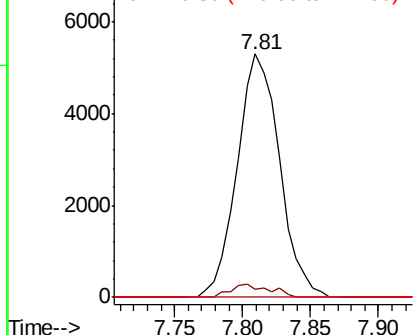
#38
Carbon Tetrachloride
Concen: 6.686 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002171.D
Acq: 01 Apr 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 11525
Ion Ratio Lower Upper
117 100
119 3.4 74.3 111.5#
121 0.0 23.3 34.9#

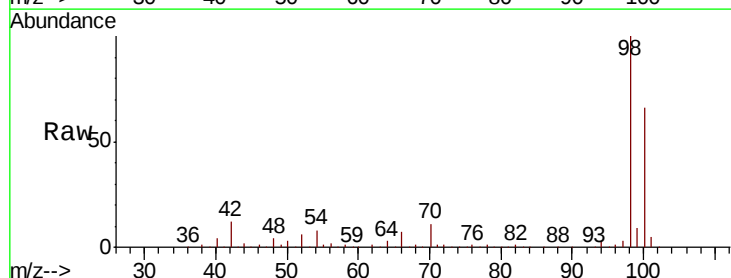


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

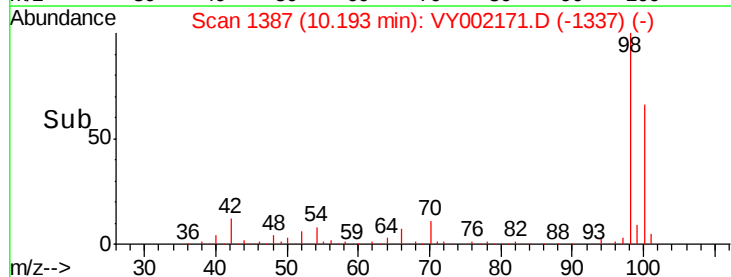
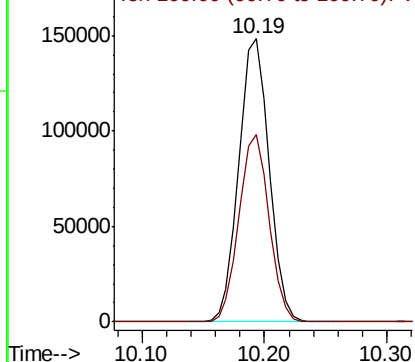


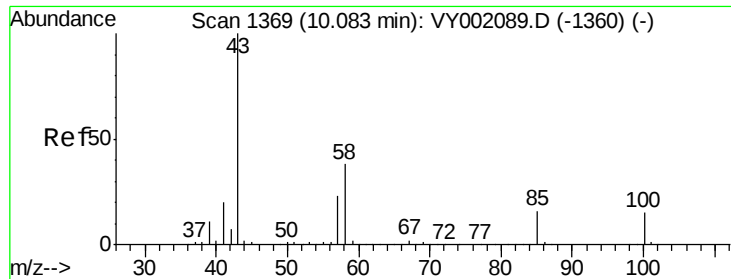
#50
Toluene-d8
Concen: 51.181 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002171.D
Acq: 01 Apr 2020 18:18

Tgt Ion: 98 Resp: 255898
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.075 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002171.D

Acq: 01 Apr 2020 18:18

Instrument :

MSVOA_Y

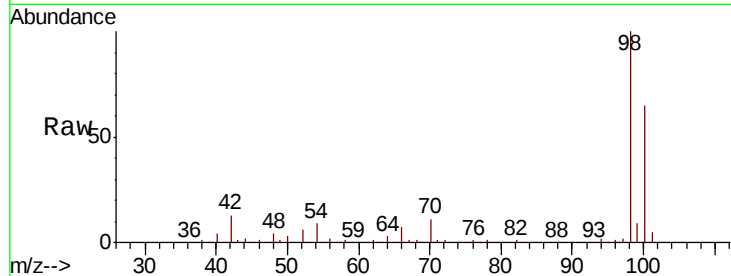
ClientSampleId :

Tot Ion: 43 Resp: 1261

Ion Ratio Lower Upper

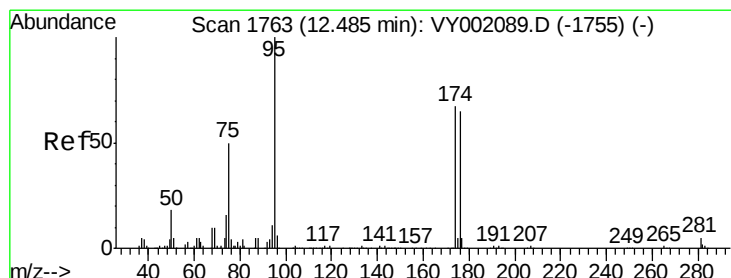
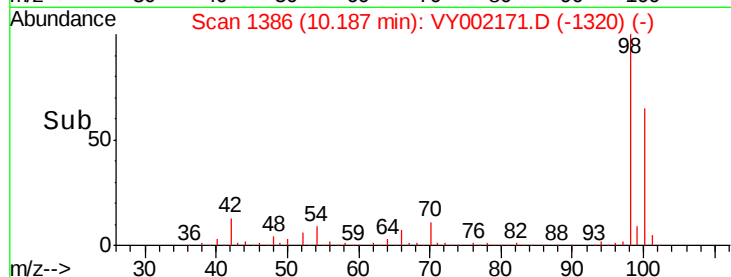
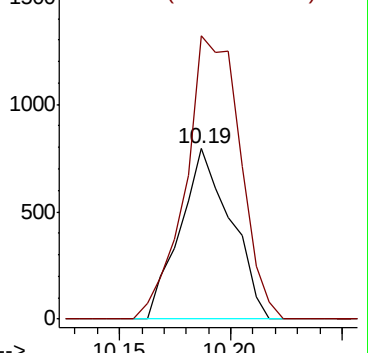
43 100

58 178.6 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)



#62

4-Bromofluorobenzene

Concen: 33.881 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002171.D

Acq: 01 Apr 2020 18:18

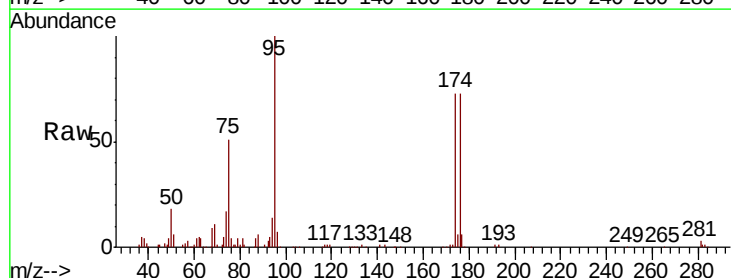
Tgt Ion: 95 Resp: 59246

Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

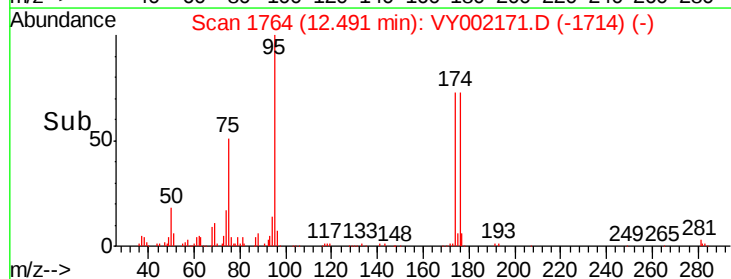
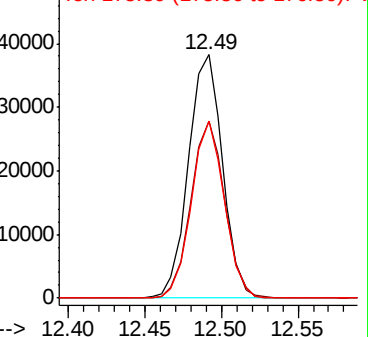
176 70.3 0.0 137.0

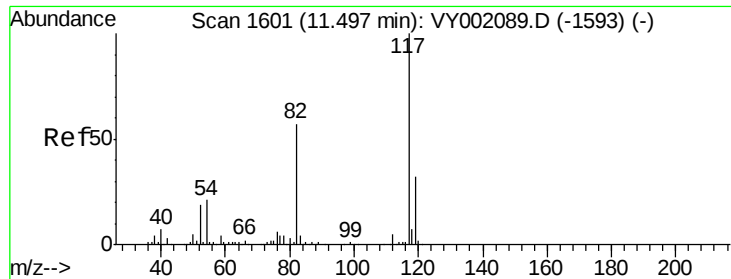


Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002089.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002089.D (-1755) (-)

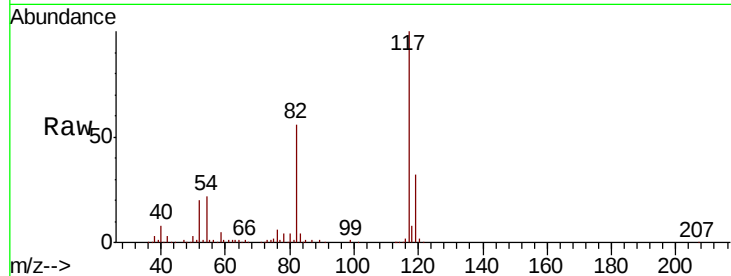




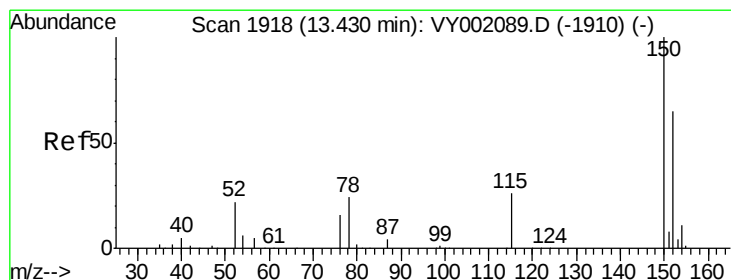
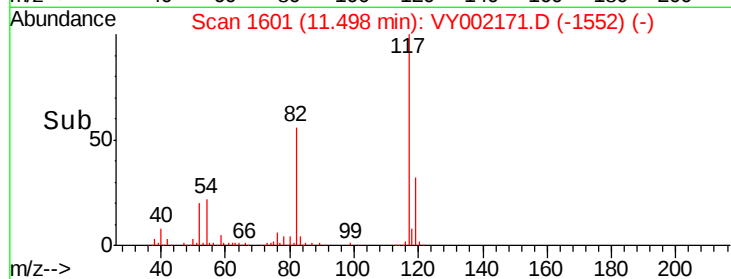
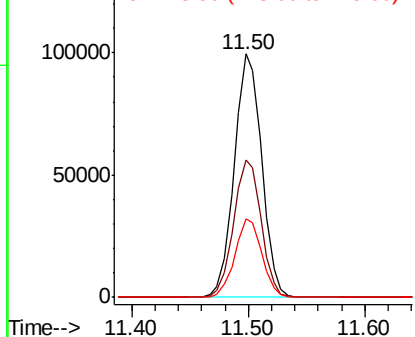
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002171.D
Acq: 01 Apr 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 162932
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 32.0 25.3 37.9

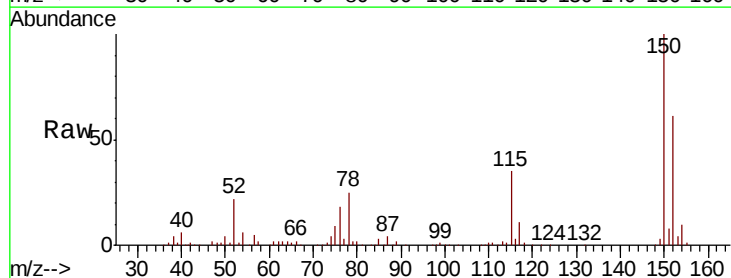


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

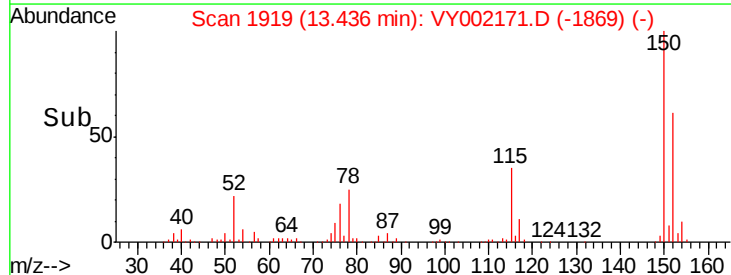
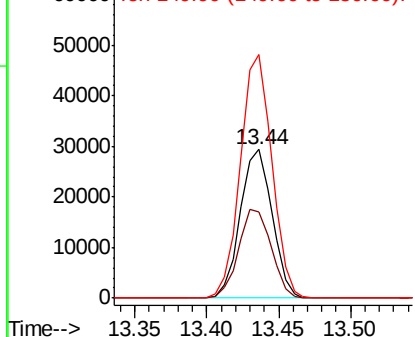


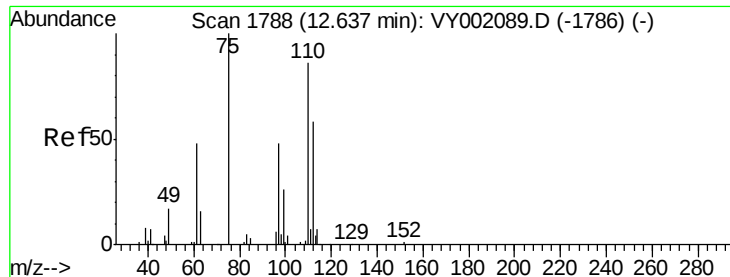
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002171.D
Acq: 01 Apr 2020 18:18

Tgt Ion:152 Resp: 45030
Ion Ratio Lower Upper
152 100
115 61.6 31.2 93.6
150 162.3 0.0 354.8



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: 60.037 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002171.D

Acq: 01 Apr 2020 18:18

Instrument :

MSVOA_Y

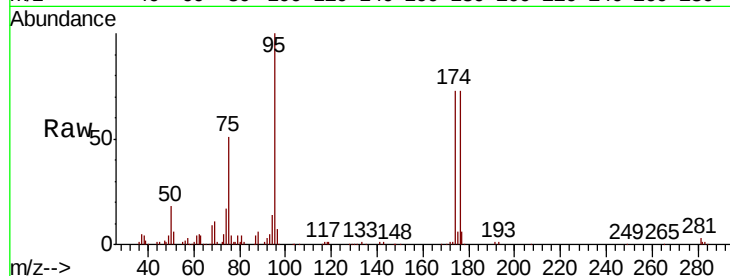
ClientSampleId :

Tot Ion: 75 Resp: 30241

Ion Ratio Lower Upper

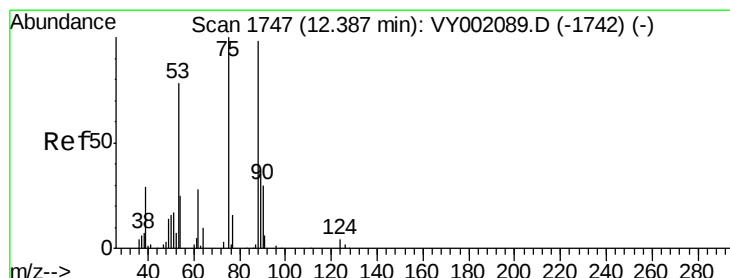
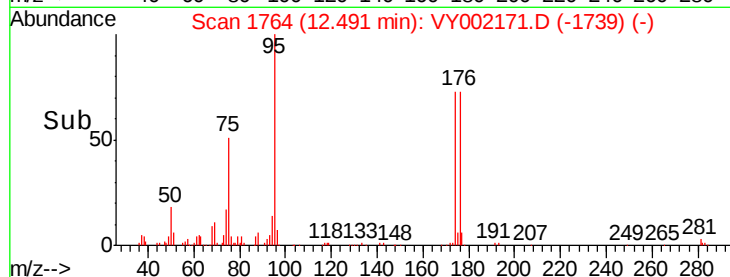
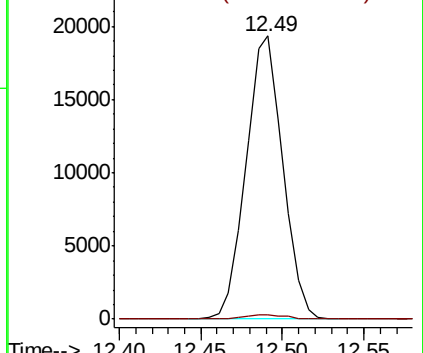
75 100

77 1.6 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: 116.314 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002171.D

Acq: 01 Apr 2020 18:18

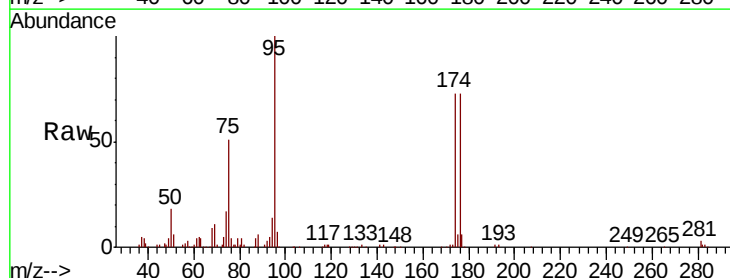
Tgt Ion: 75 Resp: 30241

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

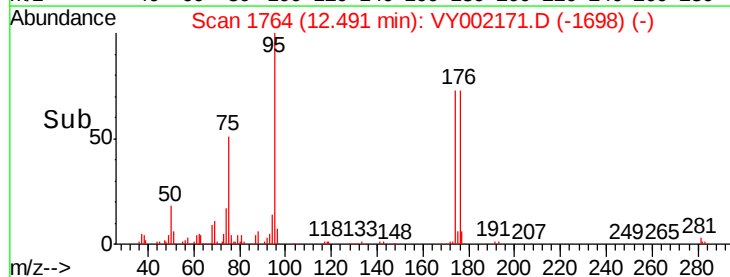
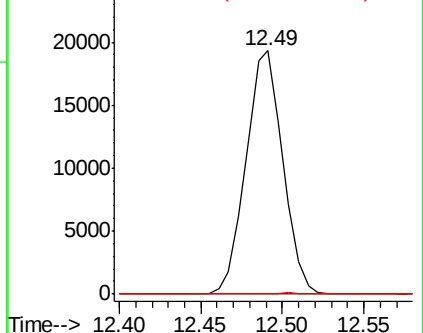
89 0.2 33.4 50.0#

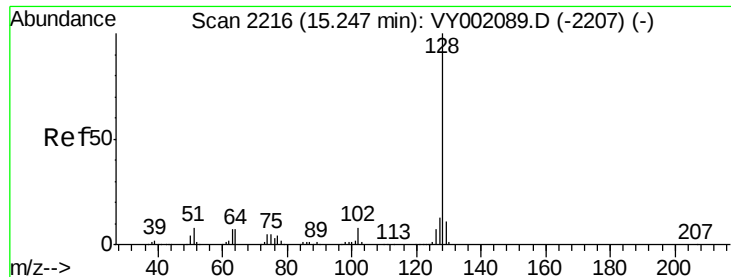


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

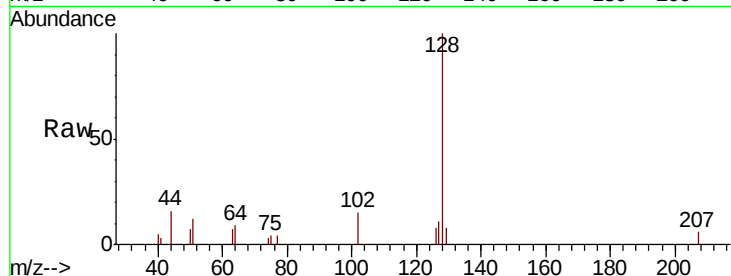




#95
Naphthalene
Concen: 1.481 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002171.D
Acq: 01 Apr 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.8	14.8
129	11.1	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

