

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002165.D
 Acq On : 01 Apr 2020 16:04
 Operator : SY/MD
 Sample : L2103-05RE
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:23:24 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	114373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	227189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	215769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98387	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	77786	61.52	ug/l	0.00
Spiked Amount			Recovery	=	123.04%	
35) Dibromofluoromethane	7.74	113	69419	54.53	ug/l	0.00
Spiked Amount			Recovery	=	109.06%	
50) Toluene-d8	10.19	98	279028	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.49	95	96935	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	

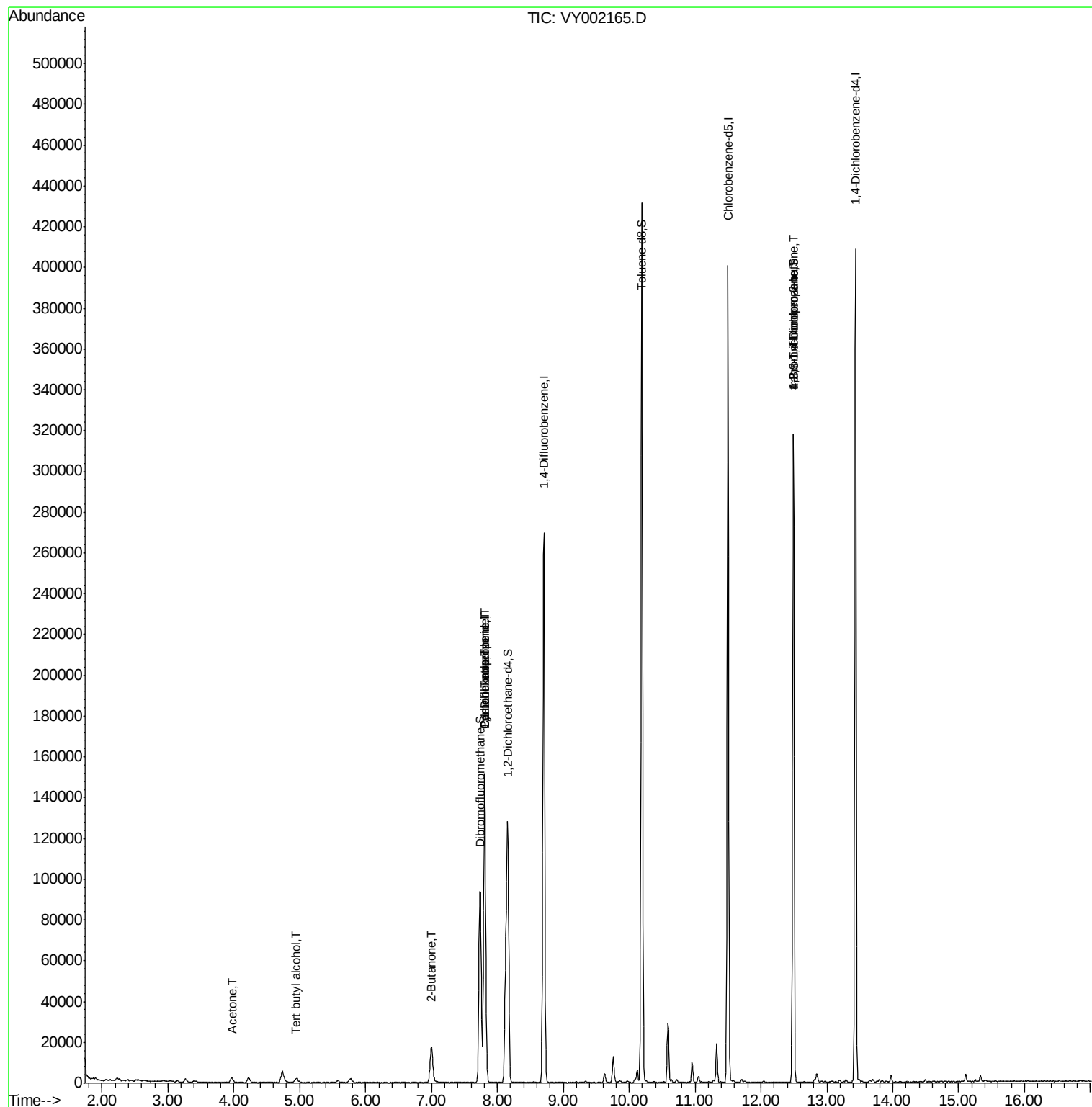
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	487	Below Cal		77
11) Tert butyl alcohol	4.94	59	2429	16.302	ug/l #	74
16) Acetone	3.97	43	4415	12.429	ug/l	95
20) Methylene Chloride	4.74	84	3892	Below Cal		88
25) 2-Butanone	7.00	43	1019	1.868	ug/l #	50
31) Cyclohexane	7.80	56	2778	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	9913	4.613	ug/l #	50
38) Carbon Tetrachloride	7.80	117	11765	6.453	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	50396	45.792	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50396	88.715	ug/l #	17

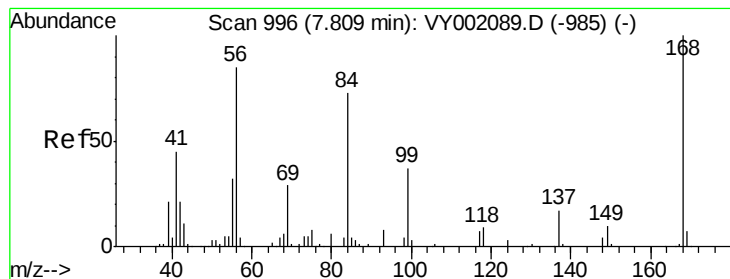
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
Data File : VY002165.D
Acq On : 01 Apr 2020 16:04
Operator : SY/MD
Sample : L2103-05RE
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:23:24 2020
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: VY002165.D

Acq: 01 Apr 2020 16:04

Instrument :

MSVOA_Y

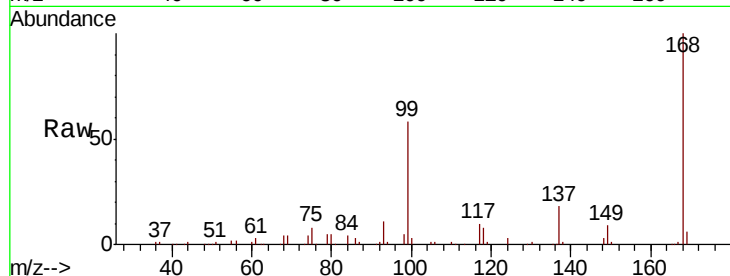
ClientSampled :

Tot Ion:168 Resp: 114373

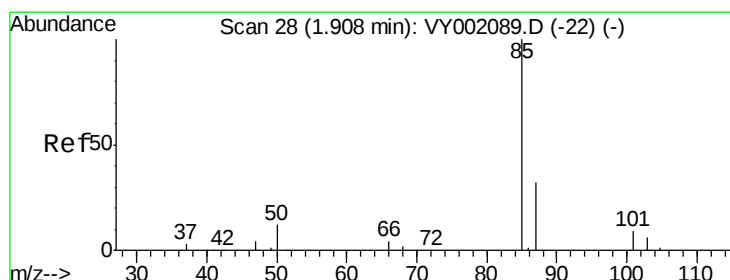
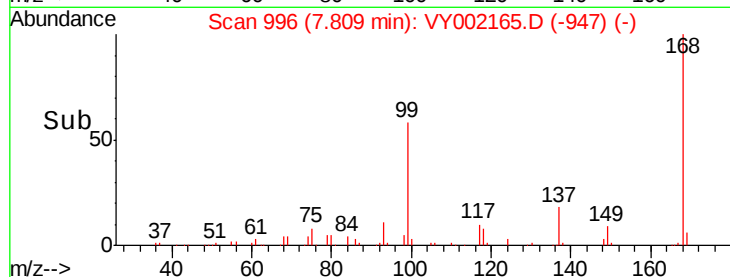
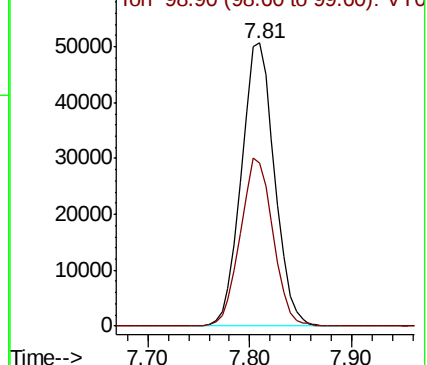
Ion Ratio Lower Upper

168 100

99 57.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002165.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002165.D

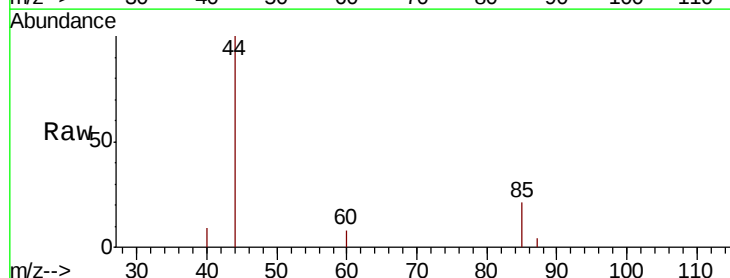
Acq: 01 Apr 2020 16:04

Tgt Ion: 85 Resp: 487

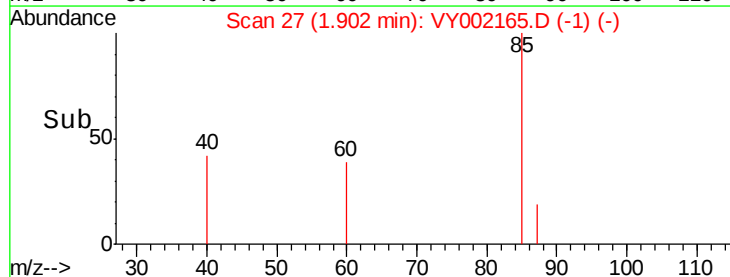
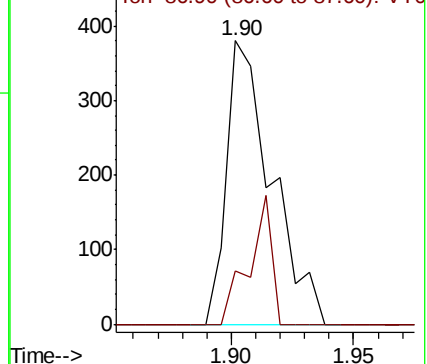
Ion Ratio Lower Upper

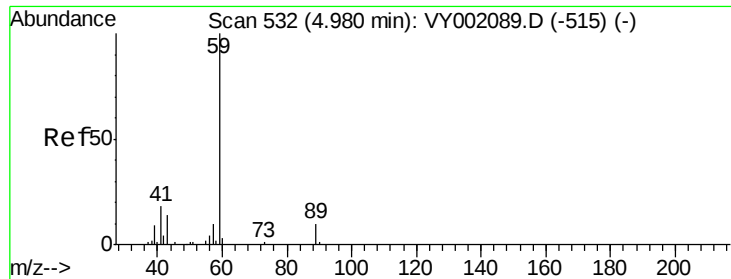
85 100

87 18.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002165.D (-1) (-)

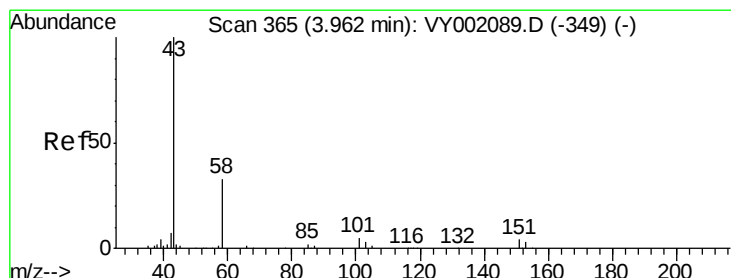
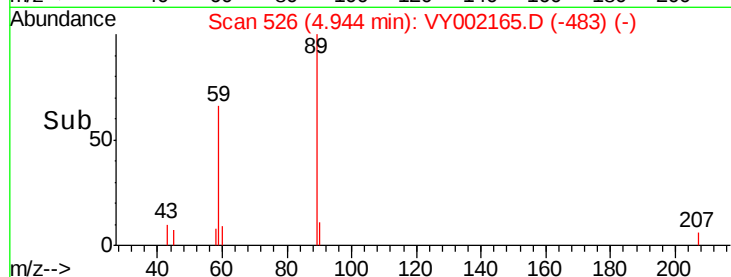
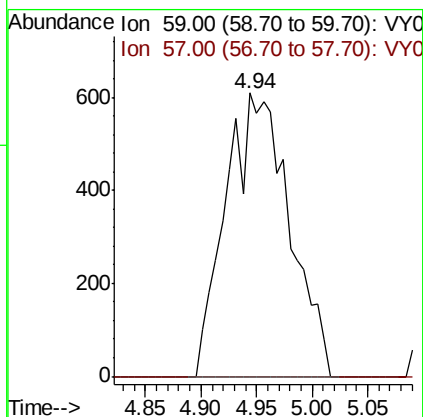
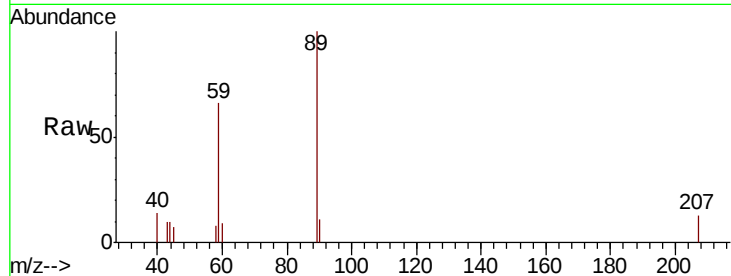




#11
Tert butyl alcohol
Concen: 16.302 ug/l
RT: 4.94 min Scan# 526
Delta R.T. -0.04 min
Lab File: VY002165.D
Acq: 01 Apr 2020 16:04

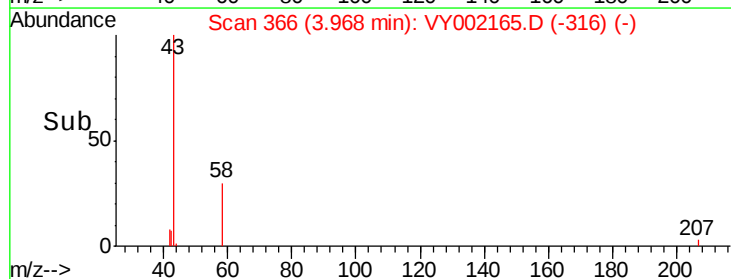
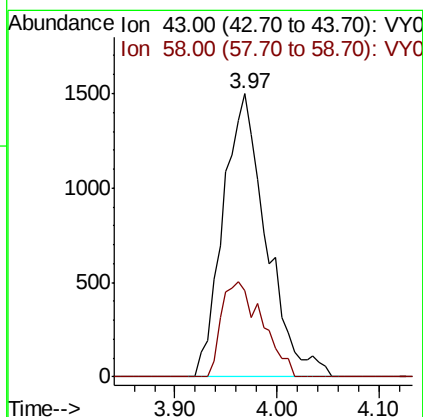
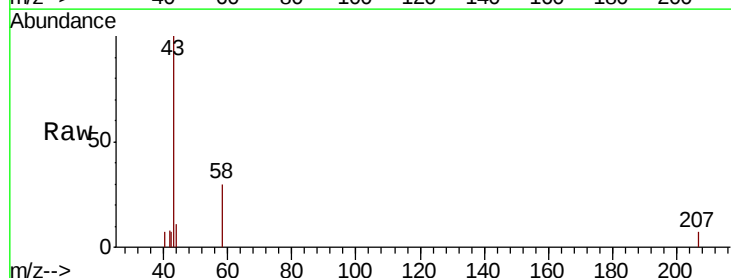
Instrument :
MSVOA_Y
ClientSampled :

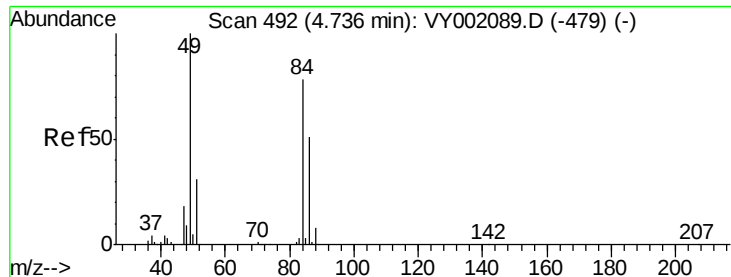
Tot Ion: 59 Resp: 2429
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 12.429 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002165.D
Acq: 01 Apr 2020 16:04

Tgt Ion: 43 Resp: 4415
Ion Ratio Lower Upper
43 100
58 30.3 26.3 39.5

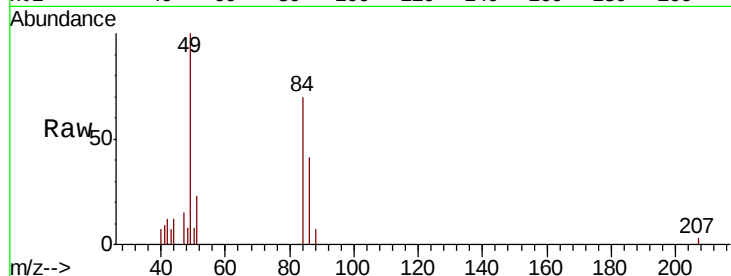




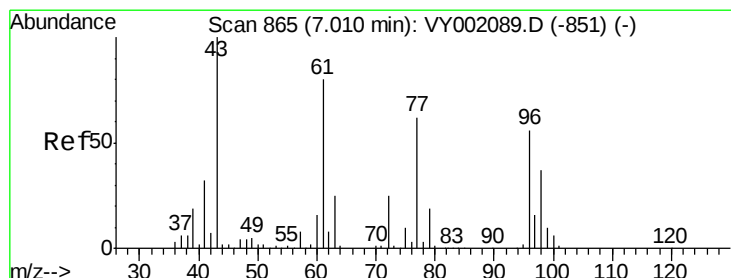
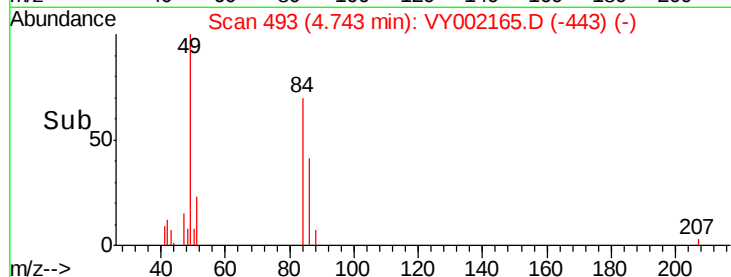
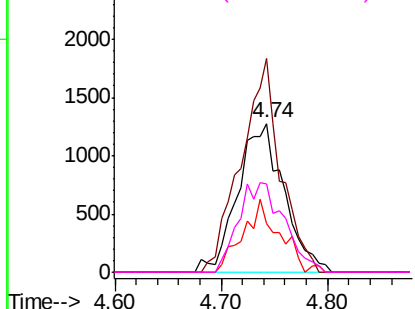
#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002165.D
Acq: 01 Apr 2020 16:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 3892
Ion Ratio Lower Upper
84 100
49 143.5 102.2 153.4
51 32.8 31.2 46.8
86 59.2 52.6 78.8

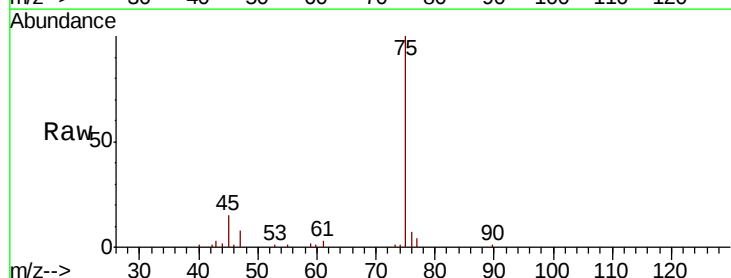


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

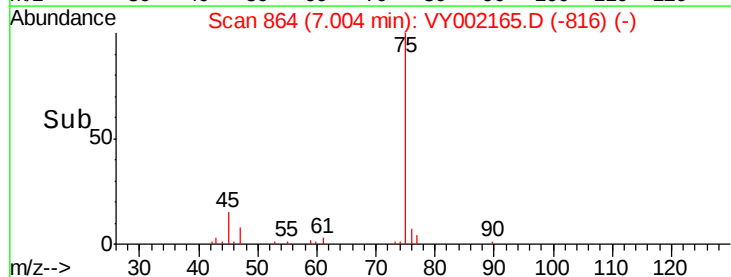
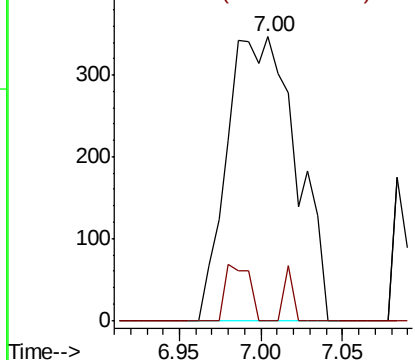


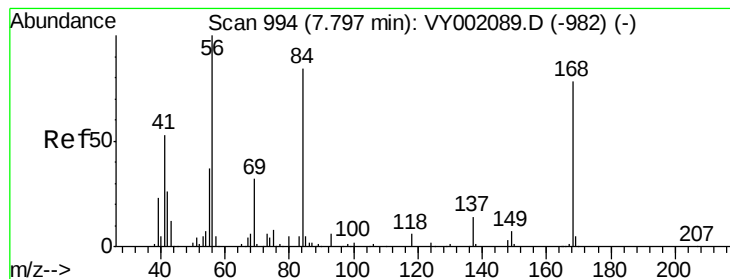
#25
2-Butanone
Concen: 1.868 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002165.D
Acq: 01 Apr 2020 16:04

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



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





#31

Cyclohexane

Concen: 1.055 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002165.D

Acq: 01 Apr 2020 16:04

Instrument :
MSVOA_Y
ClientSampled :

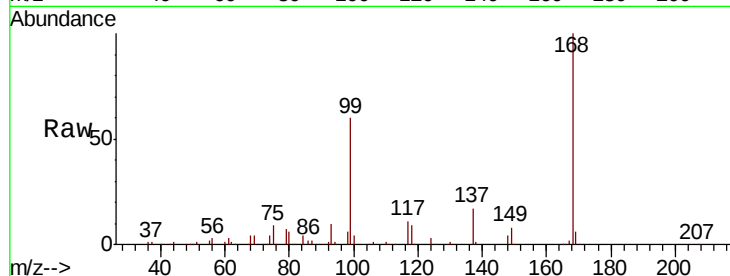
Tot Ion: 56 Resp: 2778

Ion Ratio Lower Upper

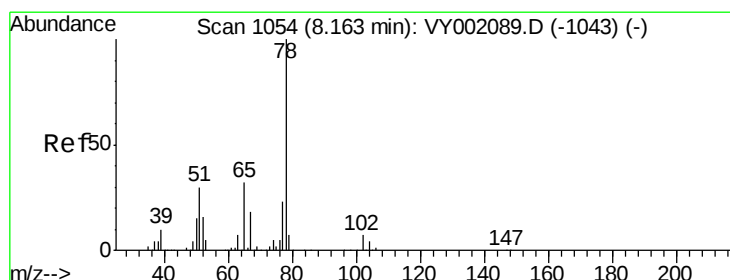
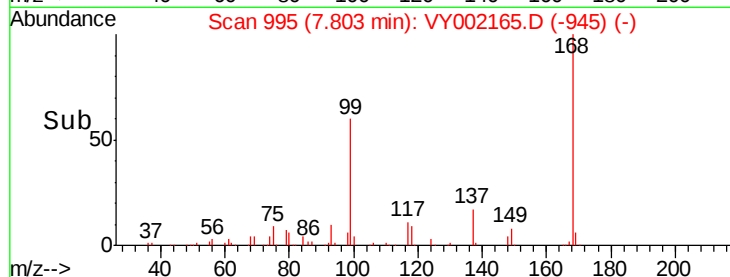
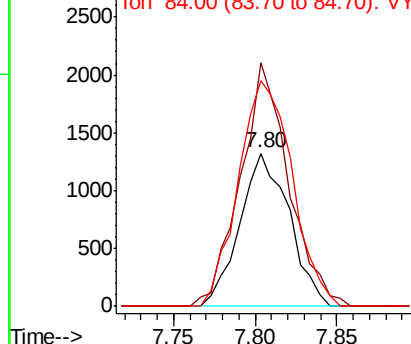
56 100

69 159.0 25.8 38.8#

84 147.4 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: 61.522 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002165.D

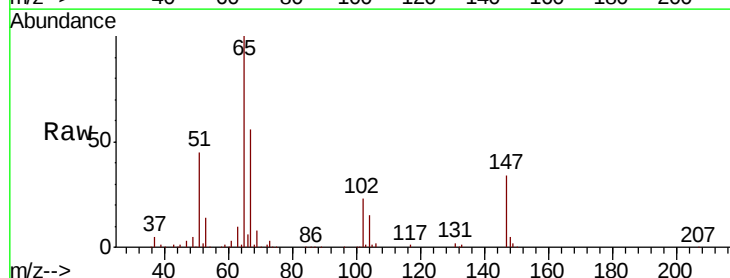
Acq: 01 Apr 2020 16:04

Tgt Ion: 65 Resp: 77786

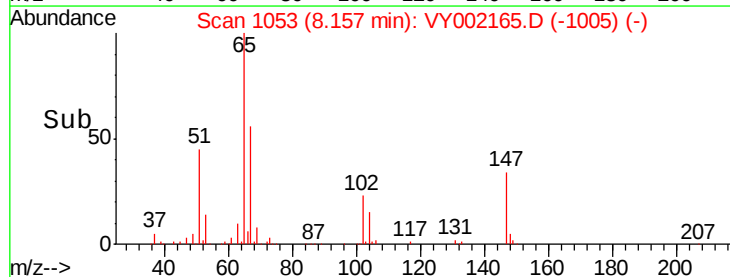
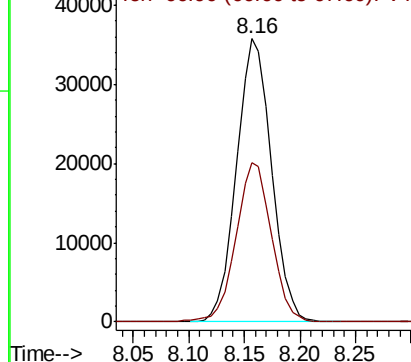
Ion Ratio Lower Upper

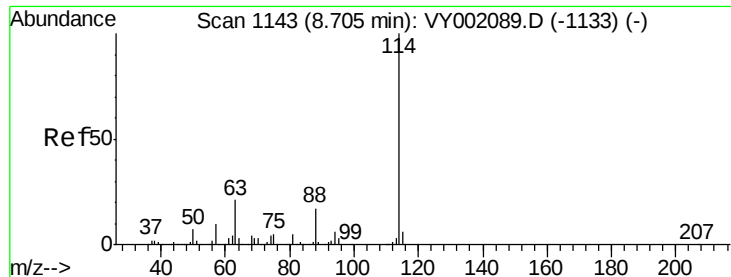
65 100

67 56.9 0.0 112.8



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

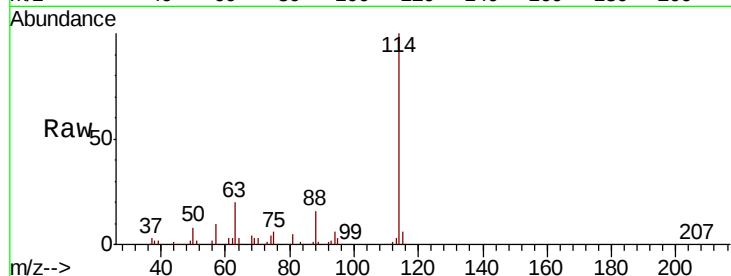




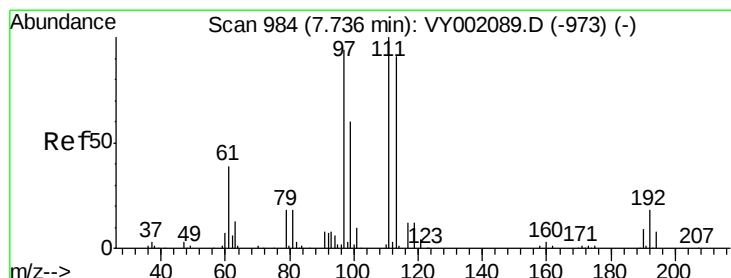
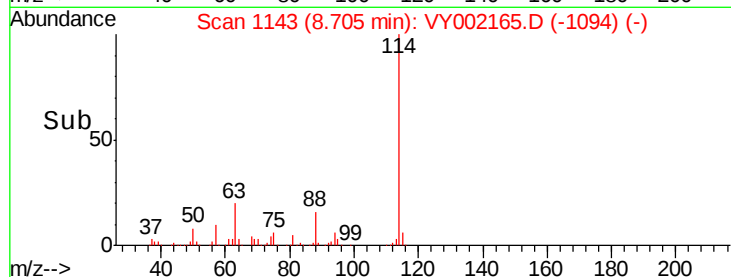
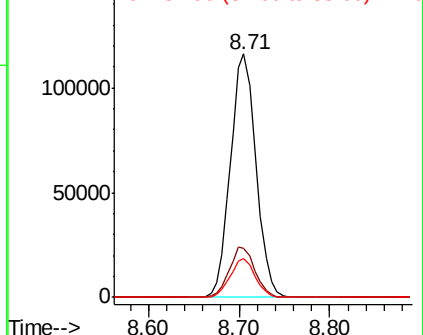
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002165.D
 Acq: 01 Apr 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.4
88	16.0	0.0	33.0

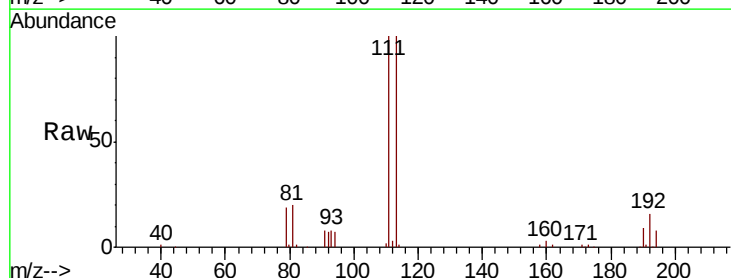


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

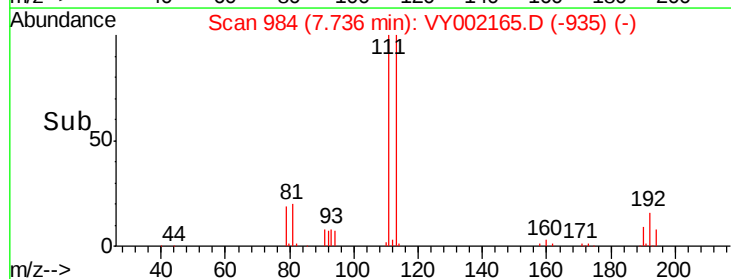
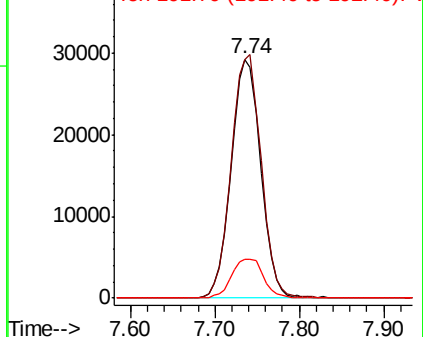


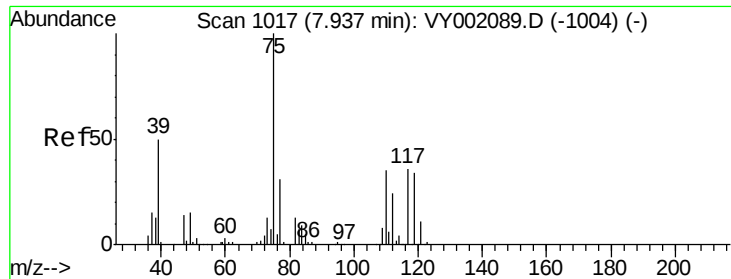
#35
 Dibromofluoromethane
 Concen: 54.533 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002165.D
 Acq: 01 Apr 2020 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.4	126.6
192	17.5	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

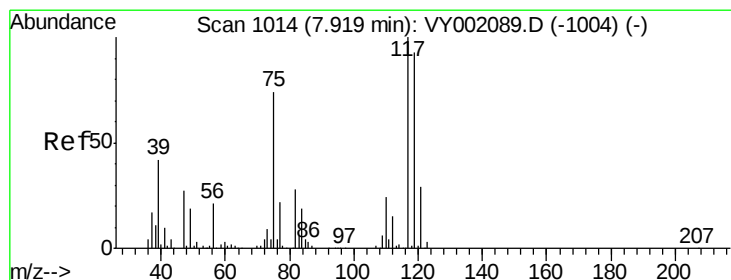
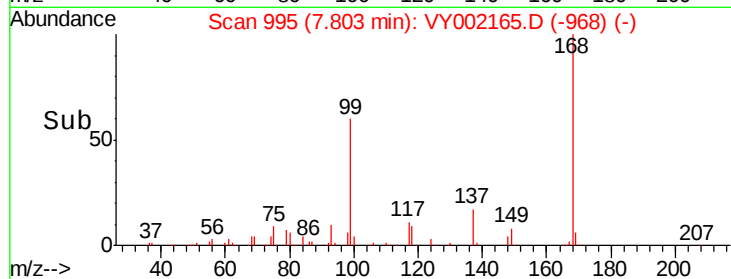
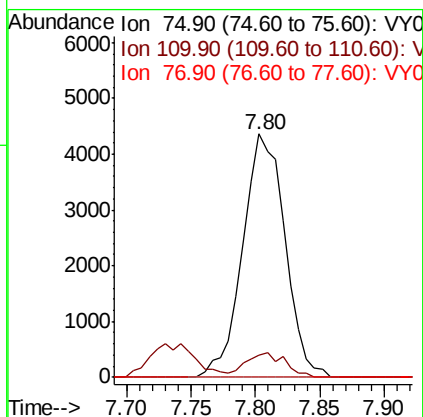
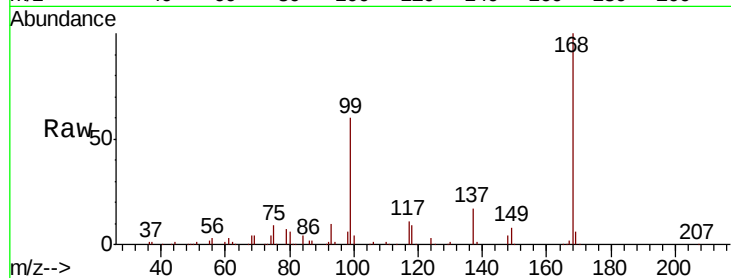




#36
 1,1-Dichloropropene
 Concen: 4.613 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002165.D
 Acq: 01 Apr 2020 16:04

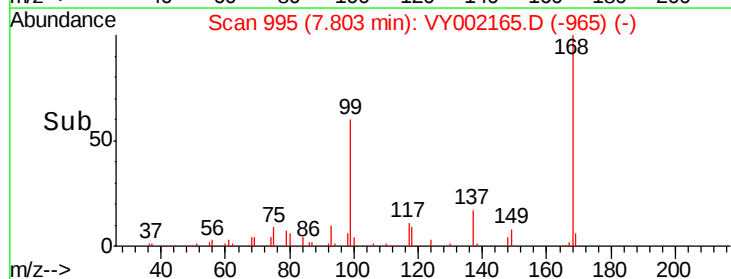
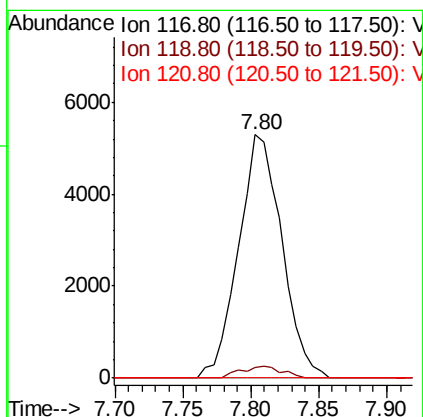
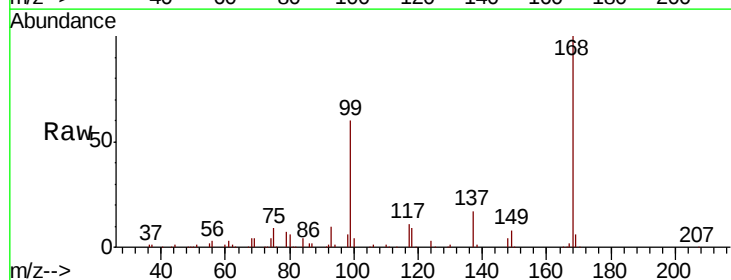
Instrument :
 MSVOA_Y
 ClientSampled :

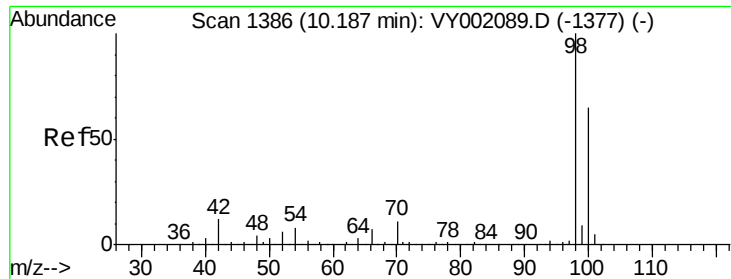
Tot Ion	75	Resp	9913
Ion Ratio	100	Lower	Upper
75	100		
110	9.3	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.453 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002165.D
 Acq: 01 Apr 2020 16:04

Tgt Ion	117	Resp	11765
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.2	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 52.764 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002165.D

Acq: 01 Apr 2020 16:04

Instrument :

MSVOA_Y

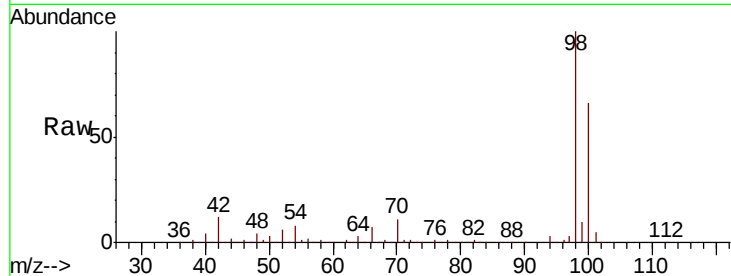
ClientSampleId :

Tot Ion: 98 Resp: 279028

Ion Ratio Lower Upper

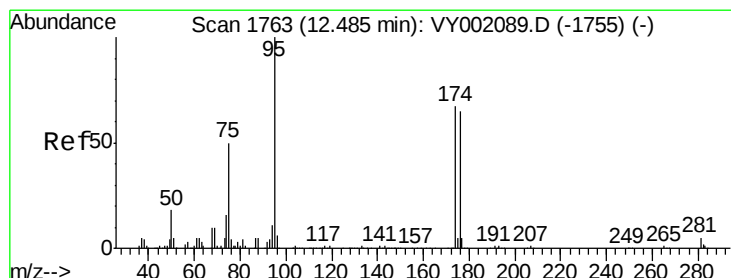
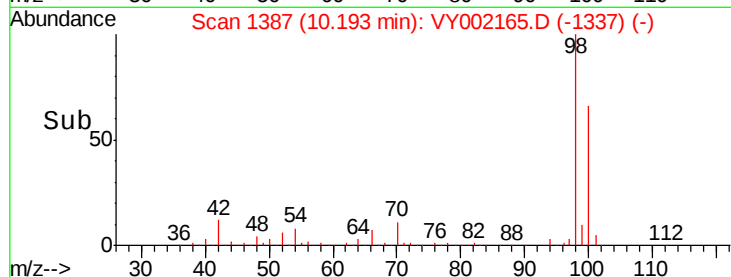
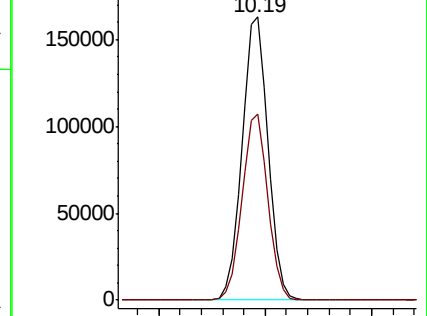
98 100

100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 52.412 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002165.D

Acq: 01 Apr 2020 16:04

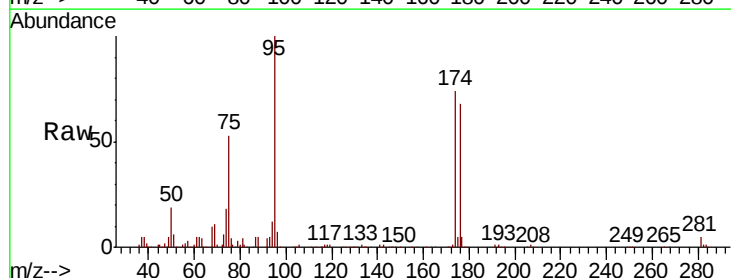
Tgt Ion: 95 Resp: 96935

Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.4

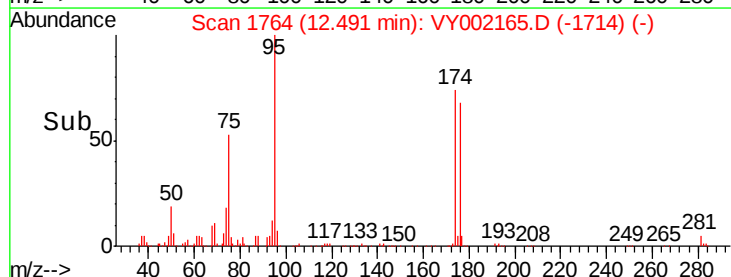
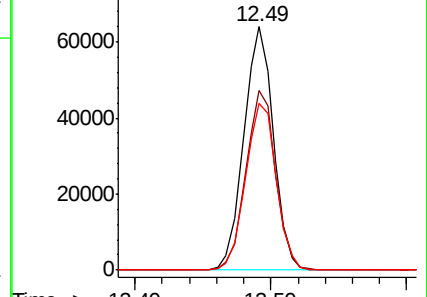
176 71.0 0.0 137.0

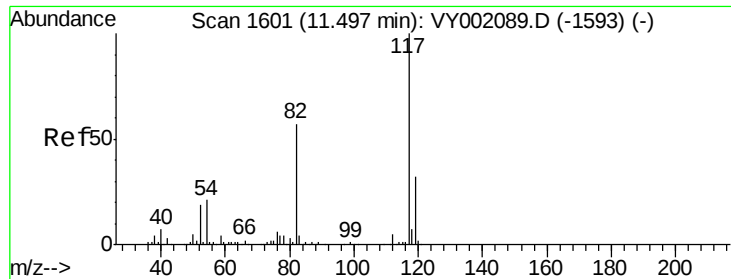


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

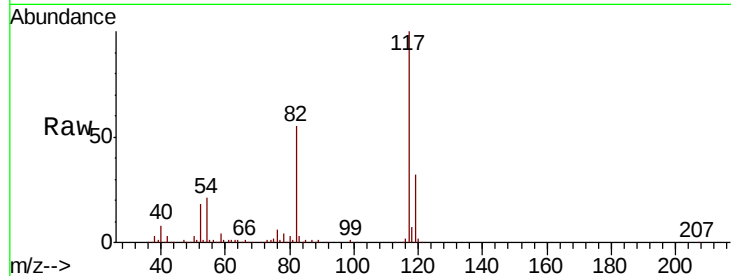




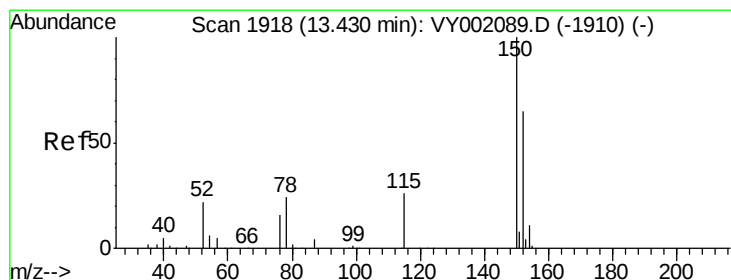
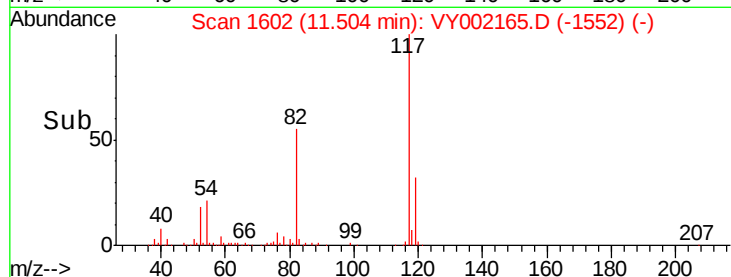
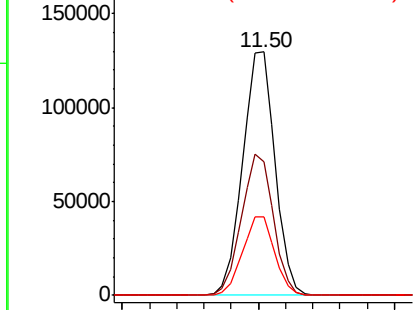
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002165.D
Acq: 01 Apr 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 215769
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 32.2 25.3 37.9

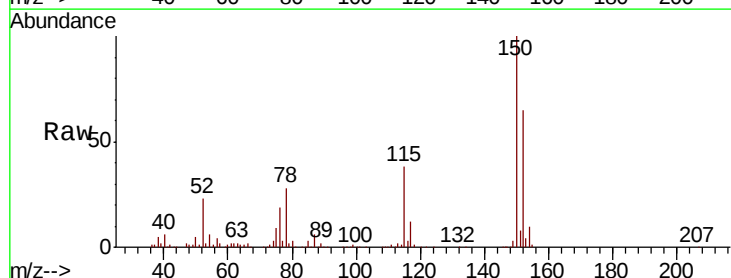


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

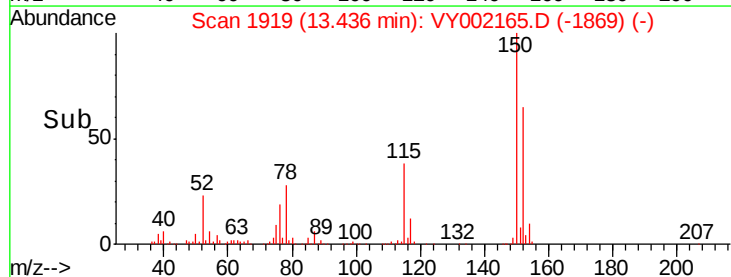
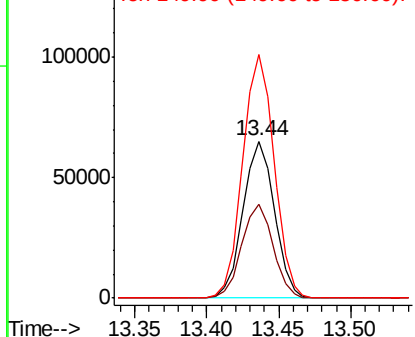


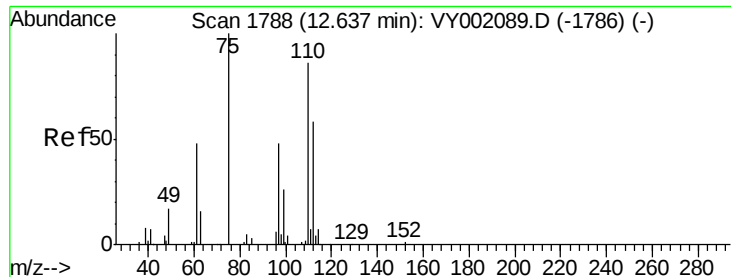
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002165.D
Acq: 01 Apr 2020 16:04

Tgt Ion:152 Resp: 98387
Ion Ratio Lower Upper
152 100
115 59.4 31.2 93.6
150 155.4 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: 45.792 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002165.D

Acq: 01 Apr 2020 16:04

Instrument :

MSVOA_Y

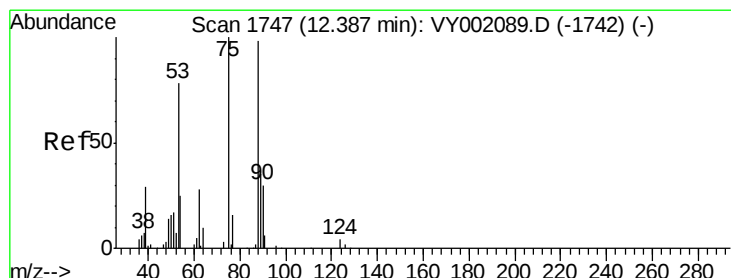
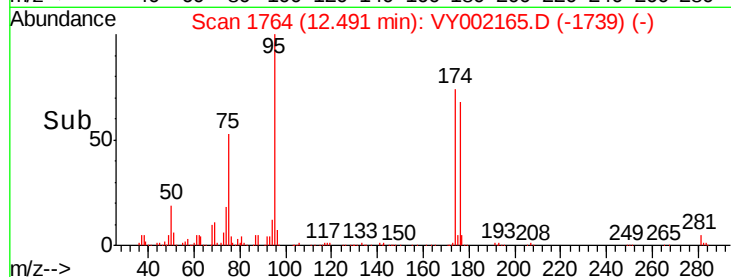
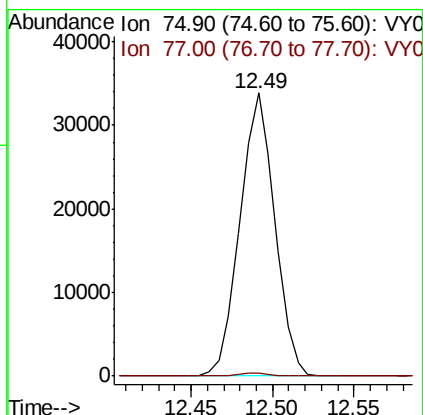
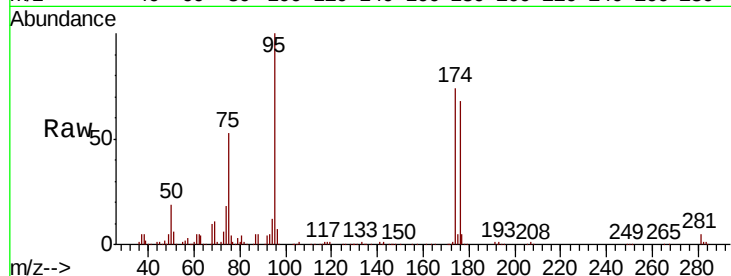
ClientSampleId :

Tot Ion: 75 Resp: 50396

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.715 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002165.D

Acq: 01 Apr 2020 16:04

Tgt Ion: 75 Resp: 50396

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#

