

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001026.D
 Acq On : 23 Dec 2019 14:23
 Operator : SY/MD
 Sample : K6395-01
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Dec 24 04:43:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	488508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	144254	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
35) Dibromofluoromethane	7.73	113	140522	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	10.18	98	566204	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.47	95	193630	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	

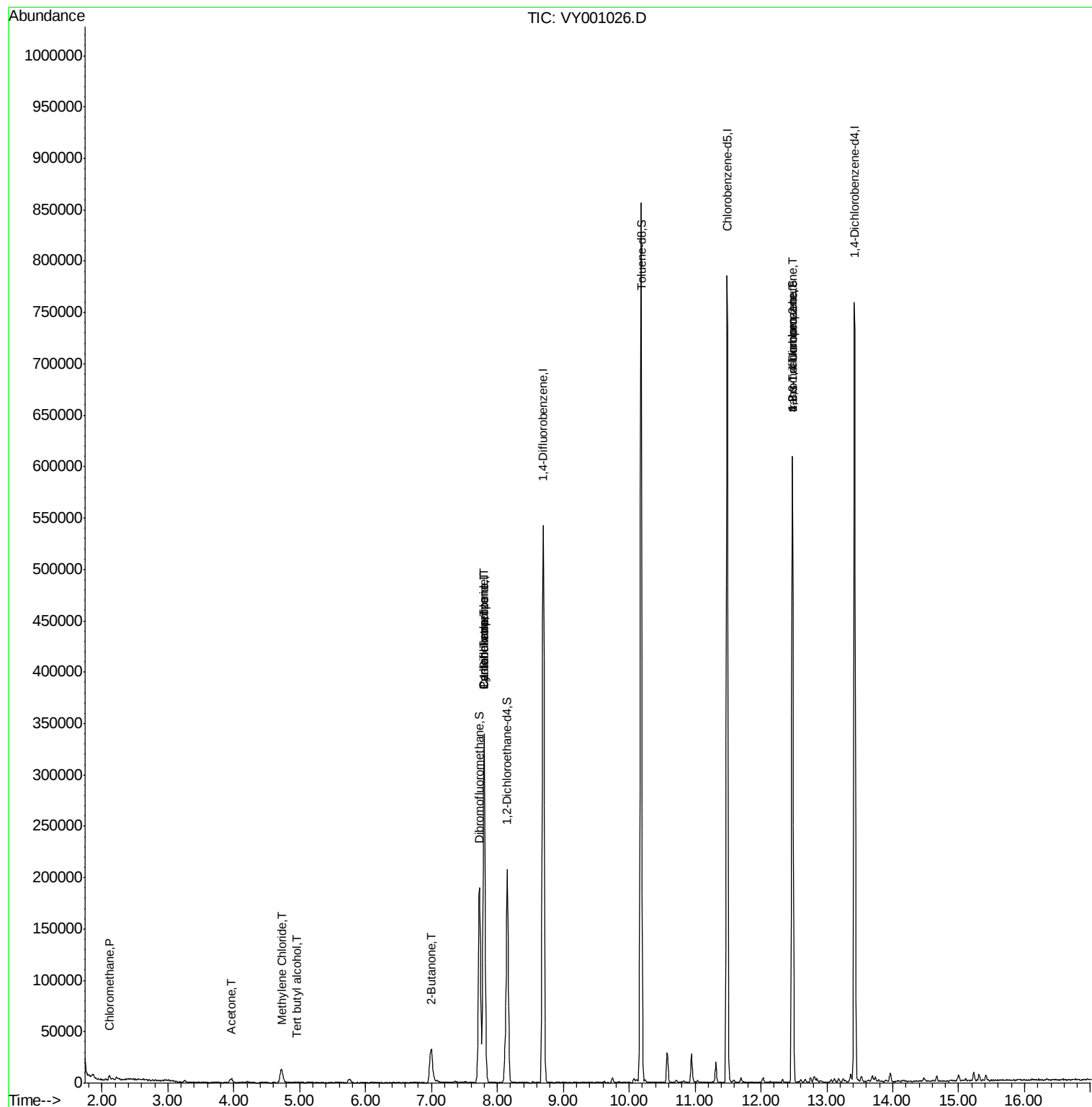
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	4005	1.289	ug/l	99
11) Tert butyl alcohol	4.96	59	928	3.267	ug/l #	74
16) Acetone	3.96	43	7384	12.406	ug/l #	77
20) Methylene Chloride	4.72	84	10280	2.934	ug/l	89
25) 2-Butanone	7.00	43	3216	3.076	ug/l #	84
31) Cyclohexane	7.80	56	5757	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20839	4.472	ug/l #	48
38) Carbon Tetrachloride	7.80	117	25201	6.172	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	95080	39.534	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	95080	84.316	ug/l #	19

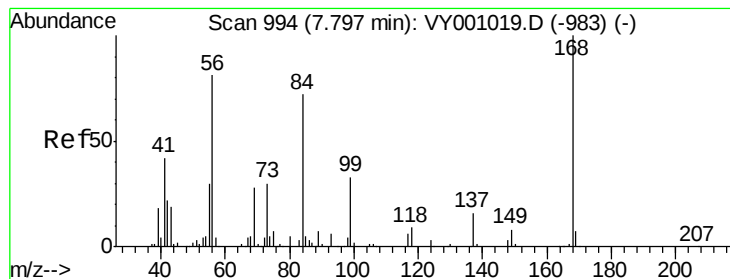
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
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QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001026.D

Acq: 23 Dec 2019 14:23

Instrument :

MSVOA_Y

ClientSampleId :

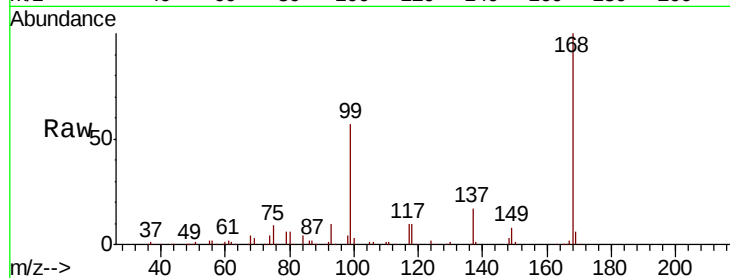
TP-1

Tot Ion:168 Resp: 261955

Ion Ratio Lower Upper

168 100

99 57.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

100000

50000

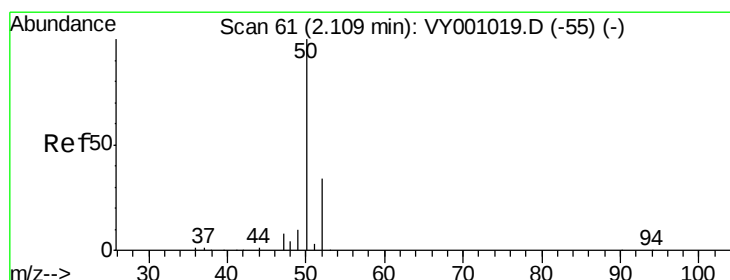
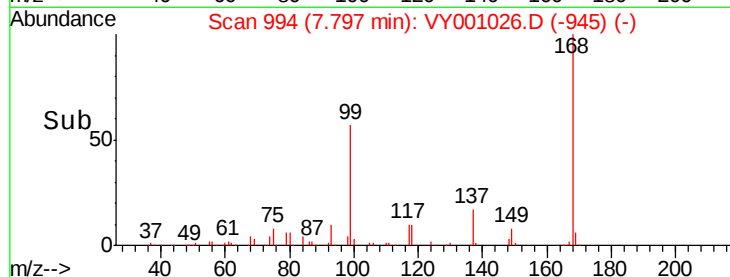
0

Time-->

7.70

7.80

7.90



#3

Chloromethane

Concen: 1.289 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001026.D

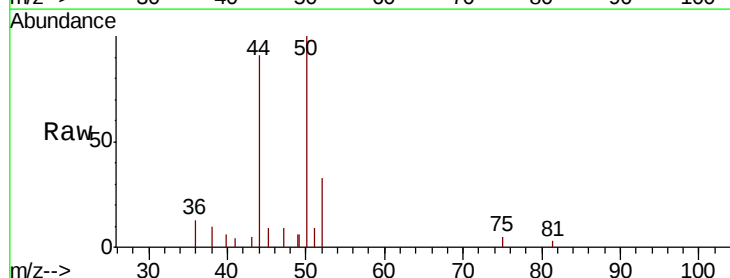
Acq: 23 Dec 2019 14:23

Tgt Ion: 50 Resp: 4005

Ion Ratio Lower Upper

50 100

52 33.1 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY001019.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY001019.D (-55) (-)

2.12

2500

2000

1500

1000

500

0

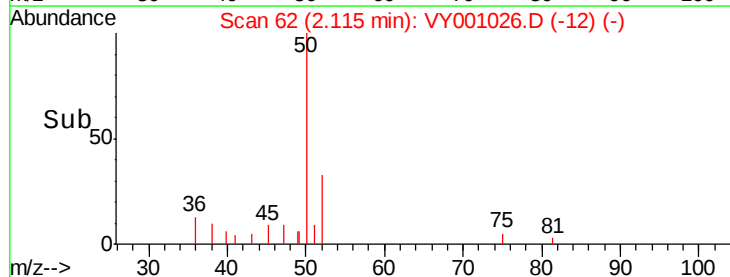
Time-->

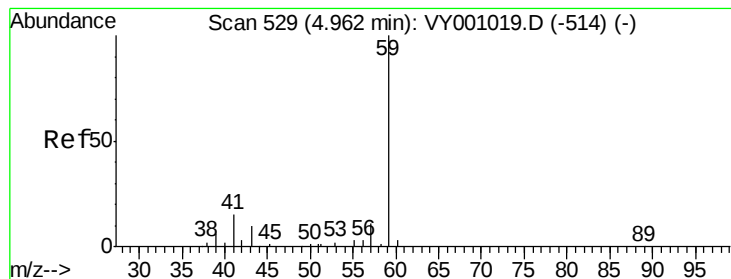
2.05

2.10

2.15

2.20



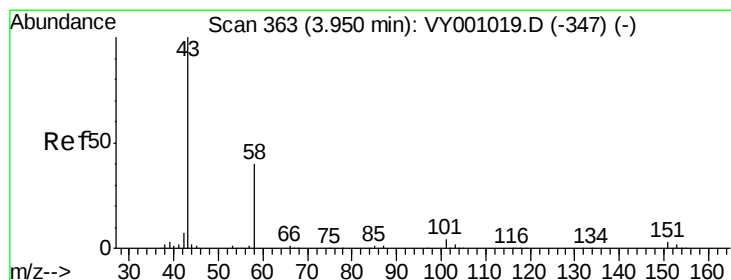
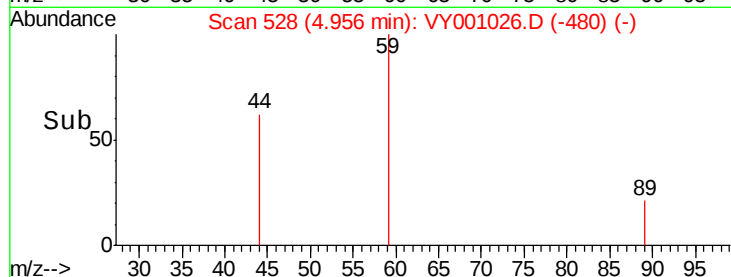
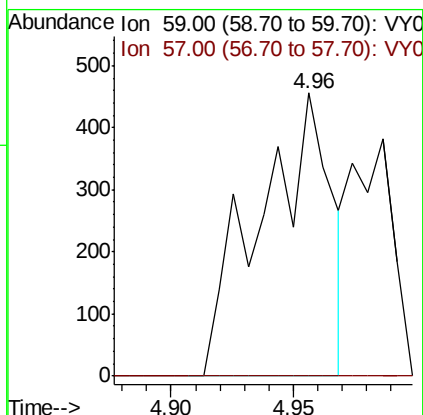
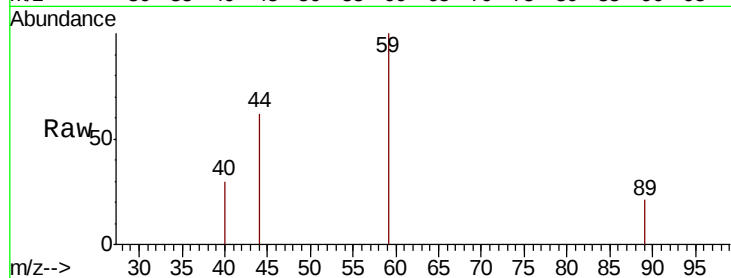


#11

Tert butyl alcohol
 Concen: 3.267 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY001026.D
 Acq: 23 Dec 2019 14:23

Instrument :
 MSVOA_Y
 ClientSampleID :
 TP-1

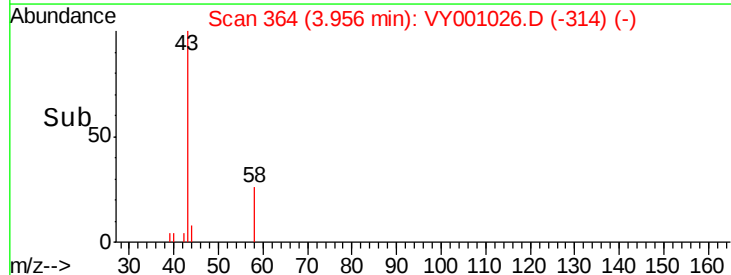
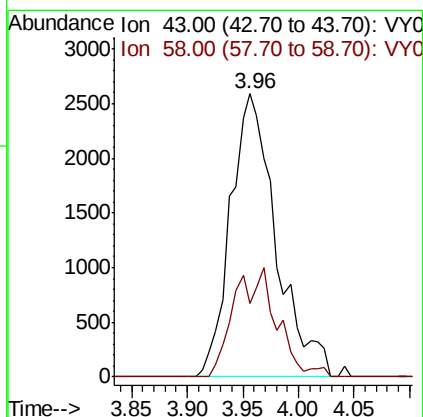
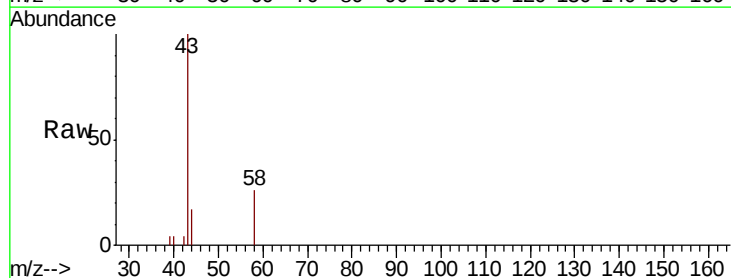
Tot Ion: 59 Resp: 928
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

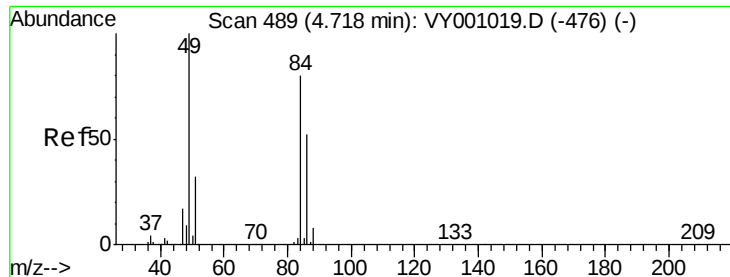


#16

Acetone
 Concen: 12.406 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY001026.D
 Acq: 23 Dec 2019 14:23

Tgt Ion: 43 Resp: 7384
 Ion Ratio Lower Upper
 43 100
 58 25.8 32.1 48.1#

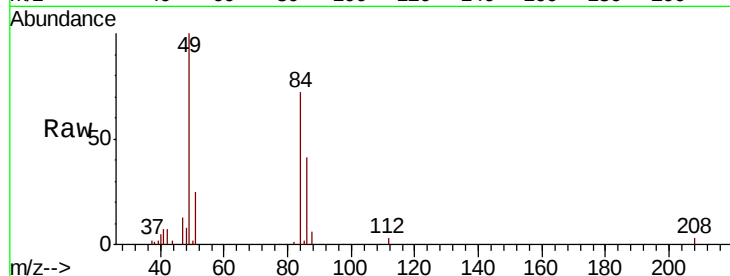




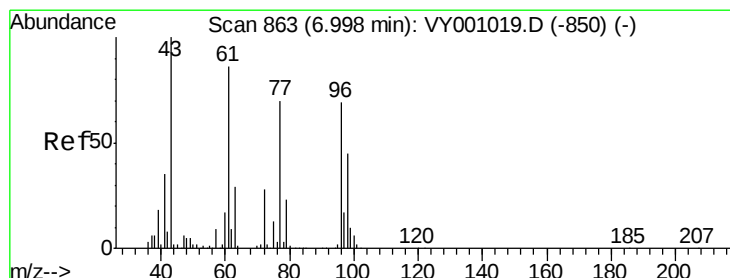
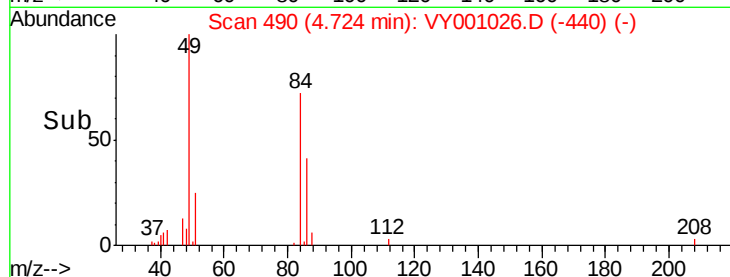
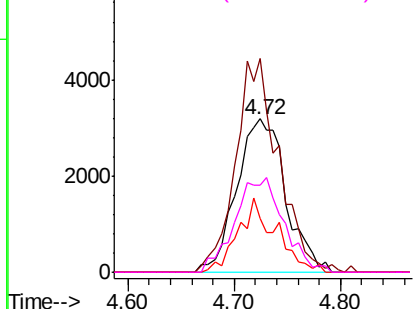
#20
Methvlene Chloride
Concen: 2.934 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001026.D
Acq: 23 Dec 2019 14:23

Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tot Ion: 84 Resp: 10280
Ion Ratio Lower Upper
84 100
49 139.4 99.8 149.6
51 35.3 31.4 47.2
86 57.1 52.2 78.2

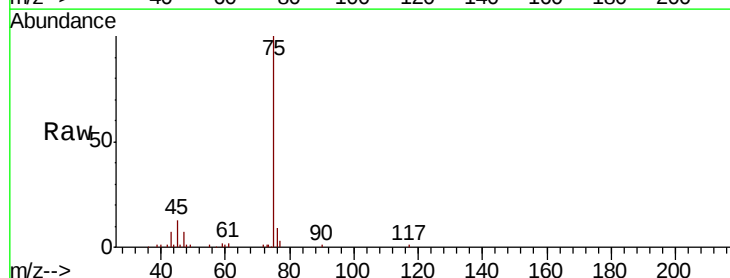


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

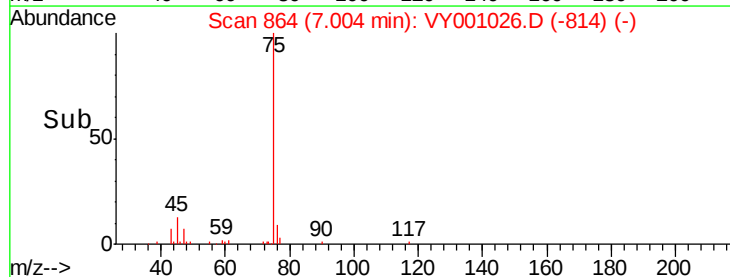
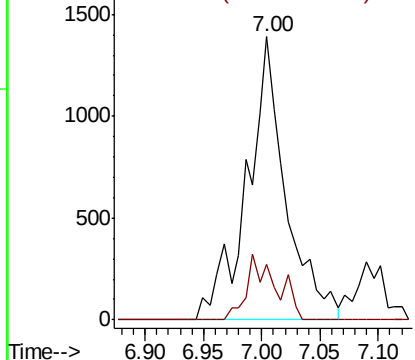


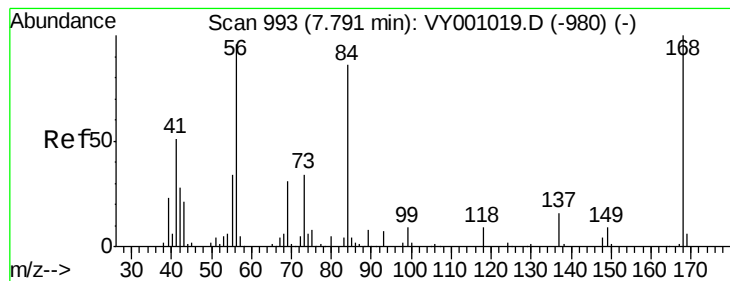
#25
2-Butanone
Concen: 3.076 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001026.D
Acq: 23 Dec 2019 14:23

Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
72 19.6 22.4 33.6#



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

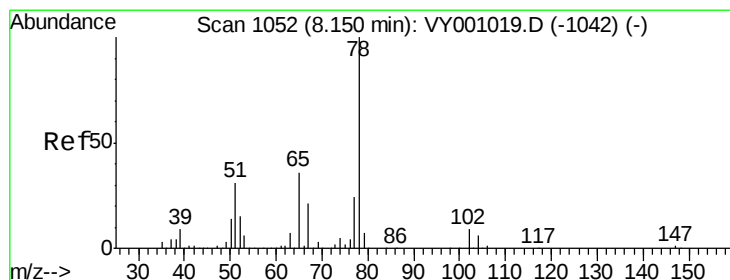
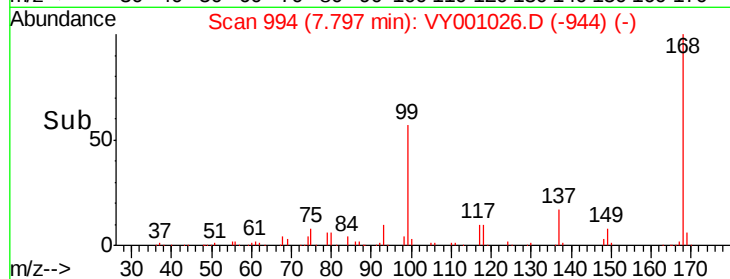
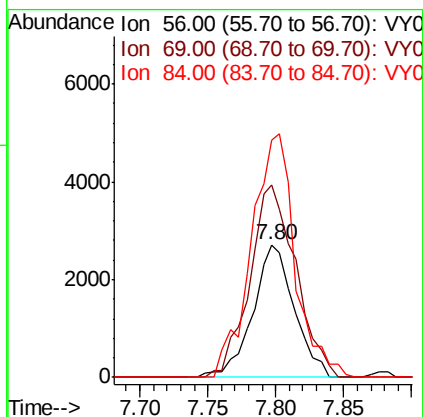
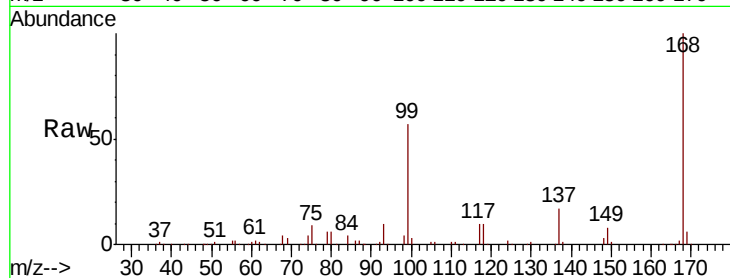




#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001026.D
Acq: 23 Dec 2019 14:23

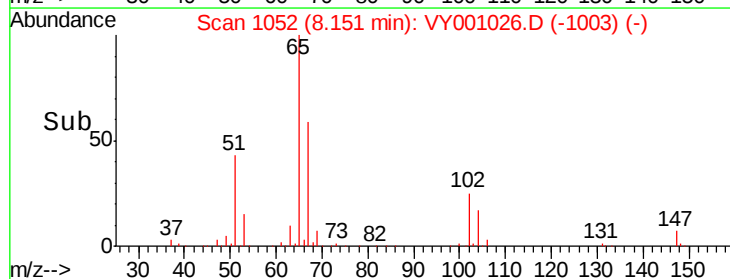
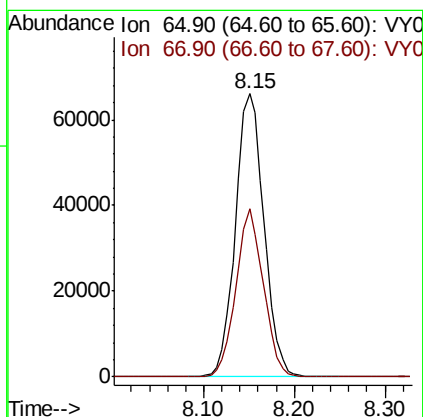
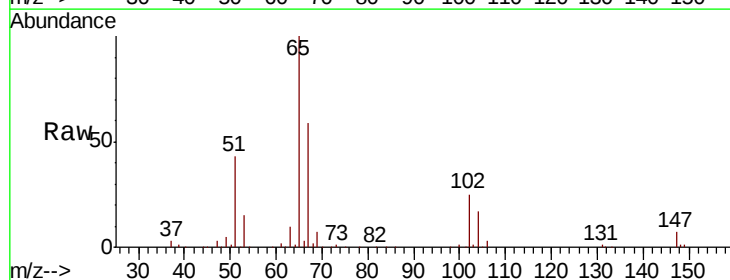
Instrument :
MSVOA_Y
ClientSampled :
TP-1

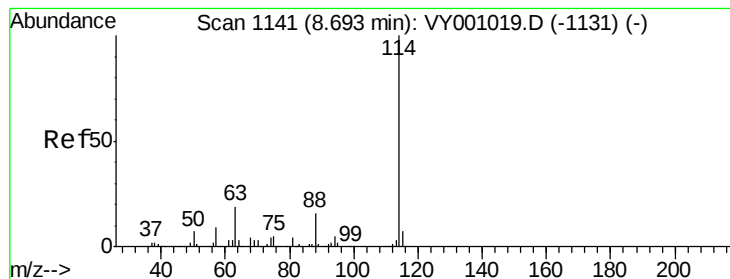
Tot Ion: 56 Resp: 5757
Ion Ratio Lower Upper
56 100
69 144.9 26.1 39.1#
84 179.5 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 55.834 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001026.D
Acq: 23 Dec 2019 14:23

Tgt Ion: 65 Resp: 144254
Ion Ratio Lower Upper
65 100
67 56.9 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001026.D

Acq: 23 Dec 2019 14:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

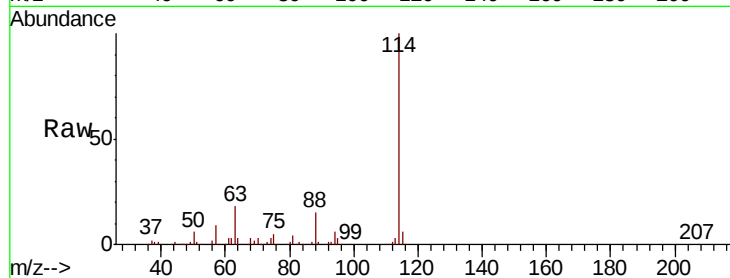
Tot Ion:114 Resp: 488508

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.0

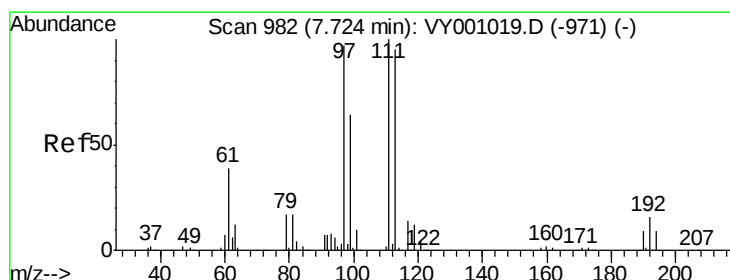
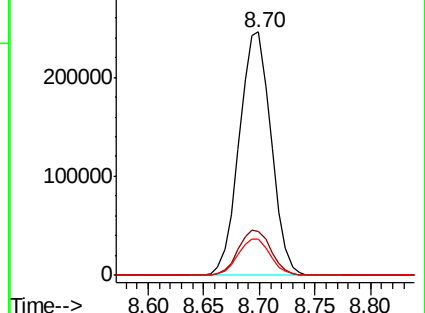
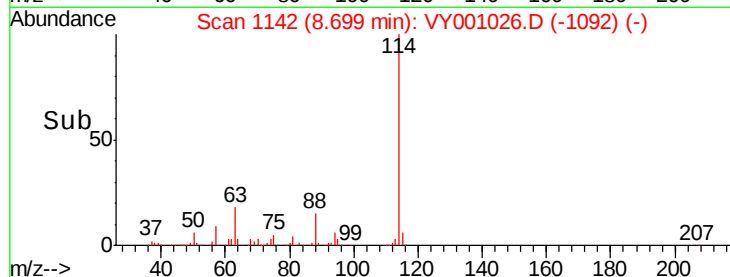
88 14.9 0.0 32.0



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: 48.850 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001026.D

Acq: 23 Dec 2019 14:23

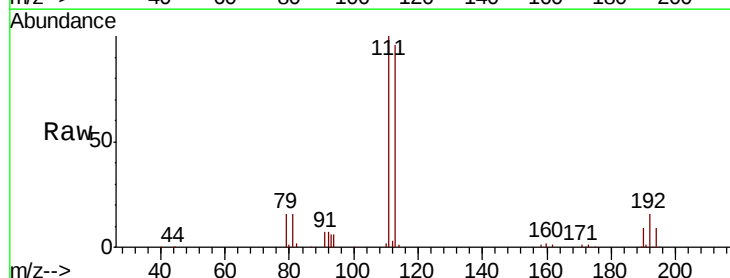
Tgt Ion:113 Resp: 140522

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

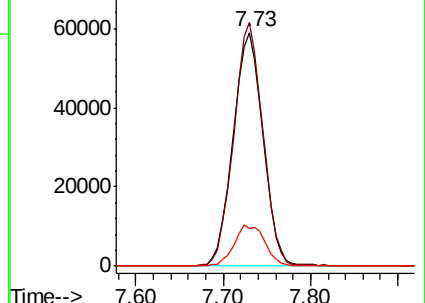
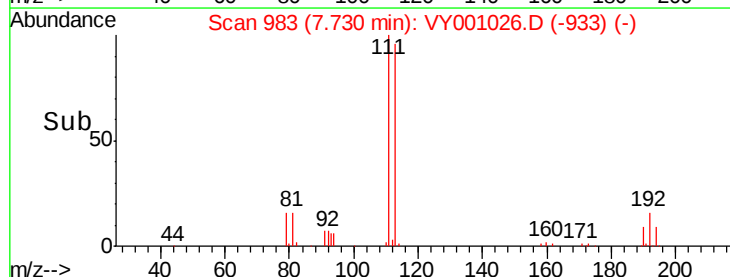
192 17.9 14.6 21.8

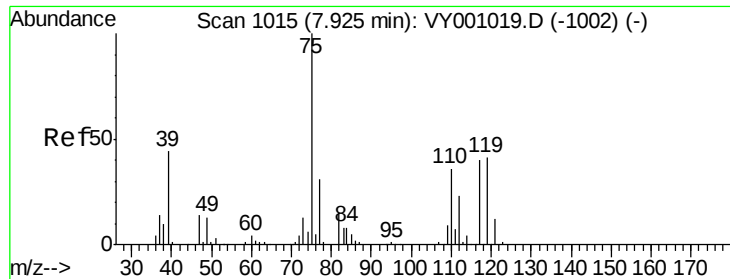


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

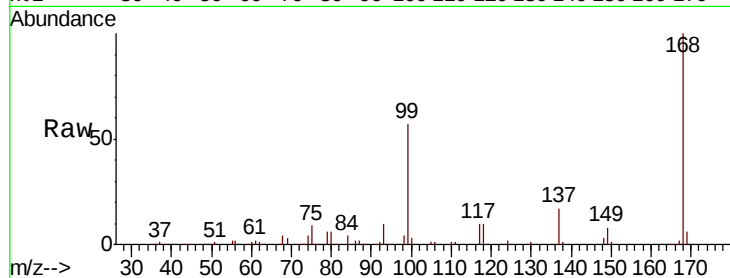




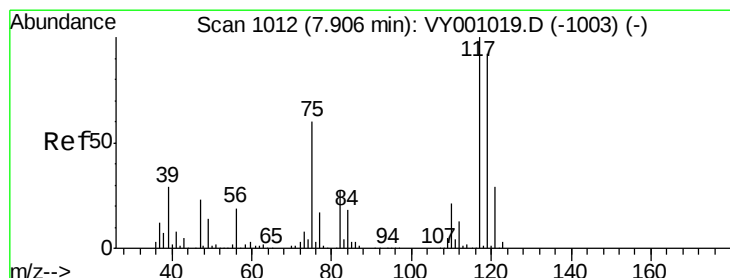
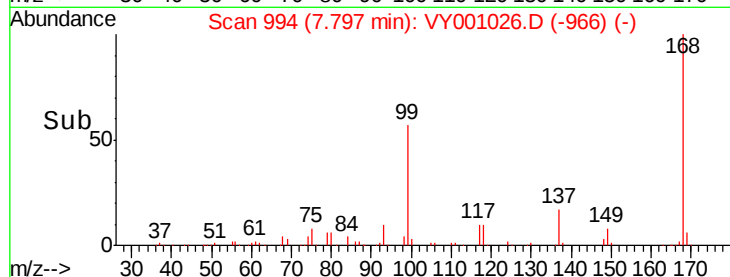
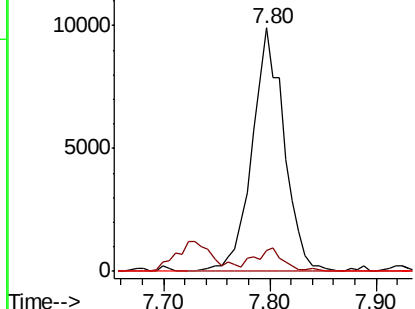
#36
 1,1-Dichloropropene
 Concen: 4.472 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001026.D
 Acq: 23 Dec 2019 14:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.1	54.4#
77	0.0	24.6	37.0#

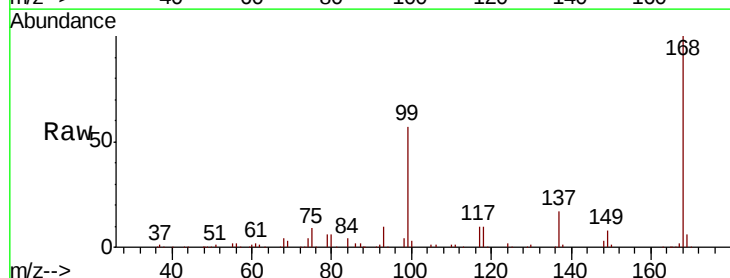


Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1002) (-)
 Ion 109.90 (109.60 to 110.60): VY001019.D (-1002) (-)
 Ion 76.90 (76.60 to 77.60): VY001019.D (-1002) (-)

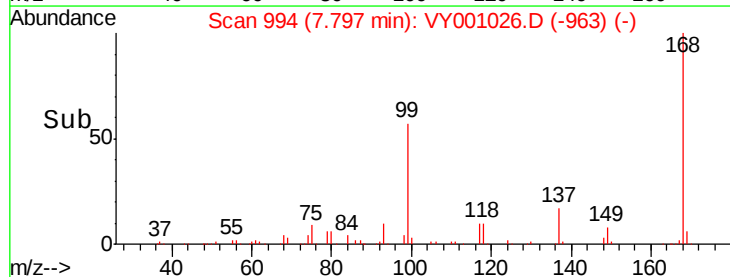
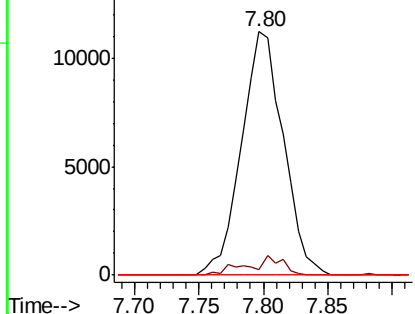


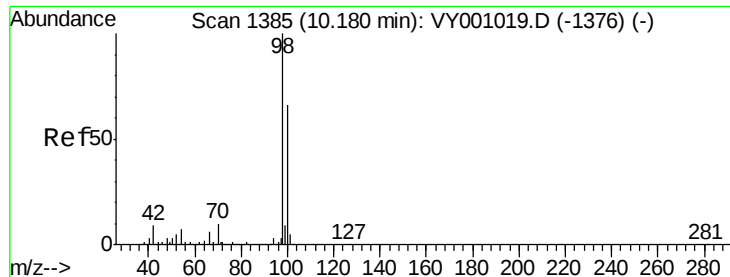
#38
 Carbon Tetrachloride
 Concen: 6.172 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001026.D
 Acq: 23 Dec 2019 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.3	74.2	111.2#
121	0.0	22.9	34.3#



Abundance Ion 116.80 (116.50 to 117.50): VY001019.D (-1003) (-)
 Ion 118.80 (118.50 to 119.50): VY001019.D (-1003) (-)
 Ion 120.80 (120.50 to 121.50): VY001019.D (-1003) (-)





#50

Toluene-d8

Concen: 50.366 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001026.D

Acq: 23 Dec 2019 14:23

Instrument :

MSVOA_Y

ClientSampleId :

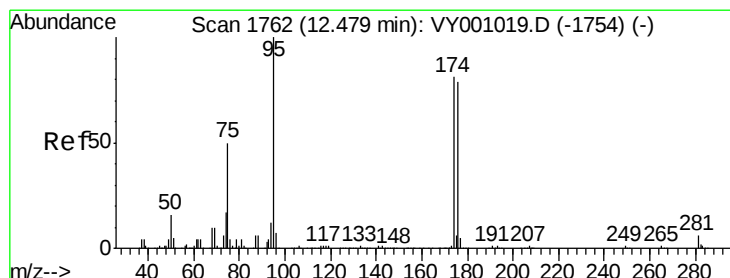
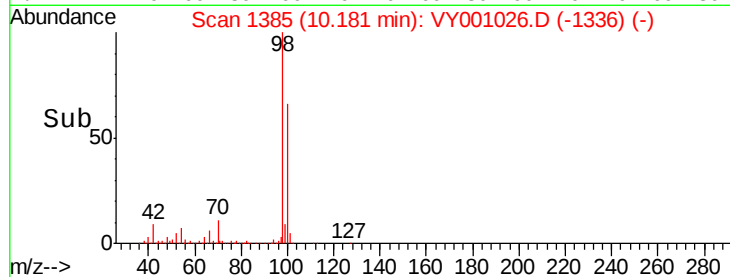
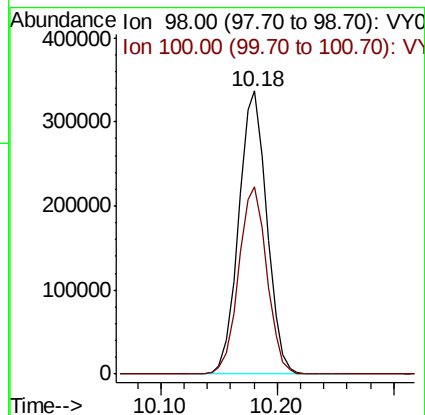
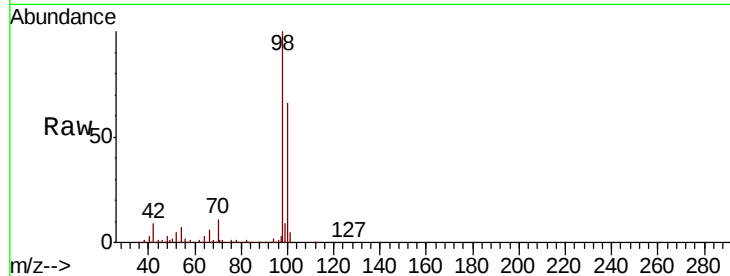
TP-1

Tot Ion: 98 Resp: 566204

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.110 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY001026.D

Acq: 23 Dec 2019 14:23

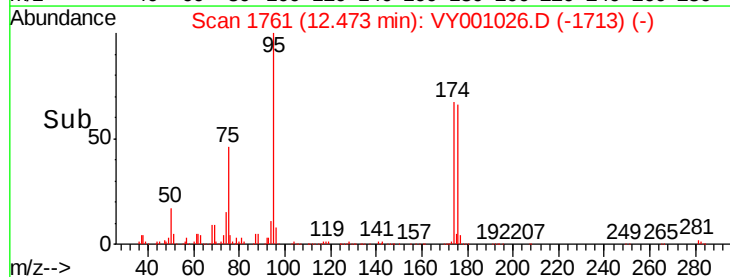
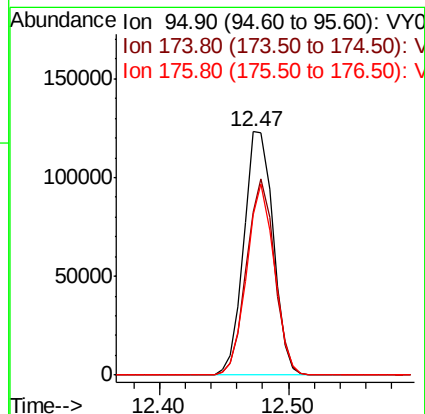
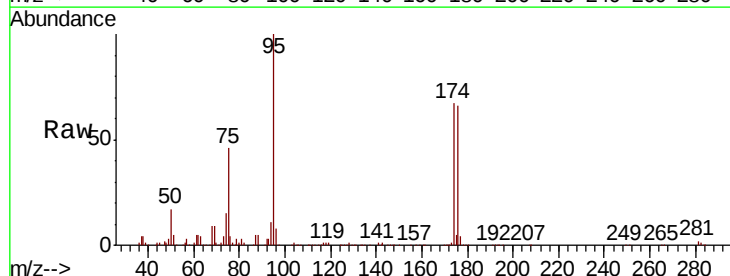
Tgt Ion: 95 Resp: 193630

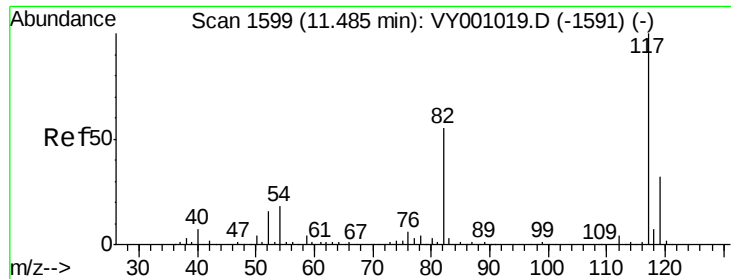
Ion Ratio Lower Upper

95 100

174 76.6 0.0 156.4

176 74.2 0.0 155.0

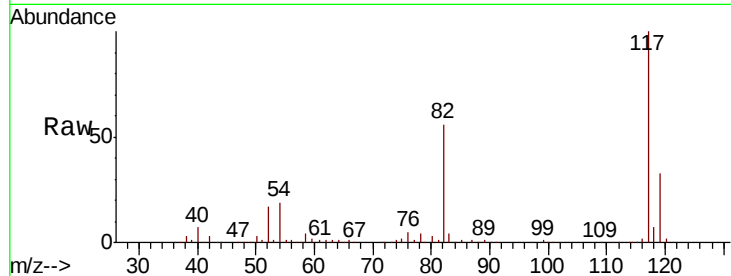




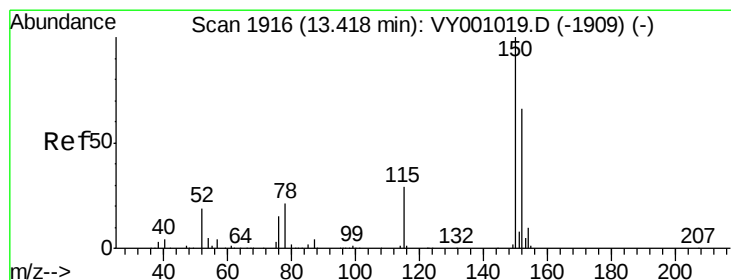
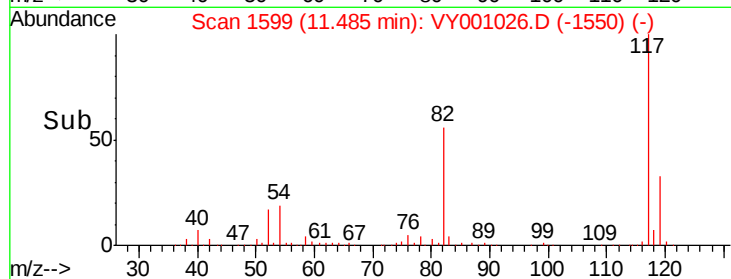
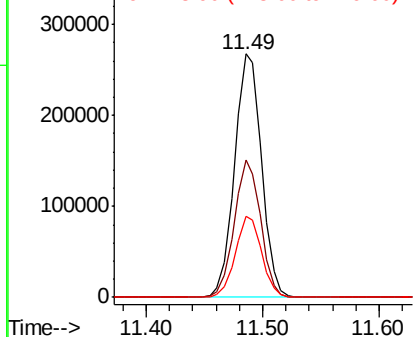
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001026.D
Acq: 23 Dec 2019 14:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tot Ion:117 Resp: 431153
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 33.1 25.8 38.6

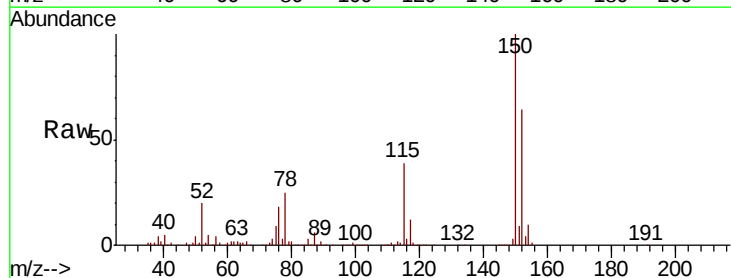


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

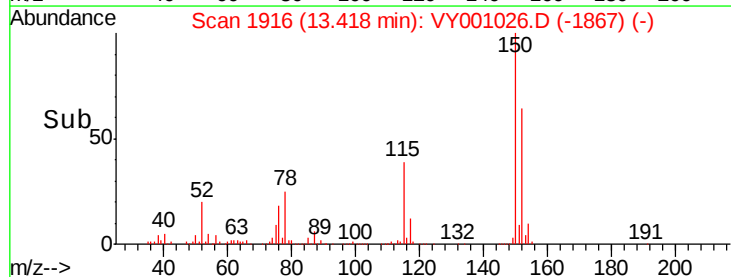
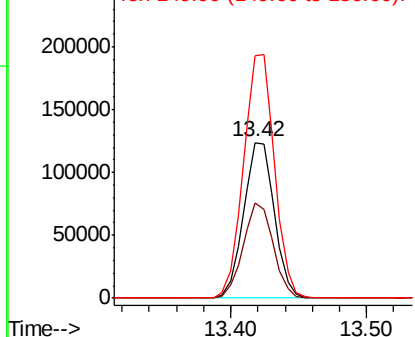


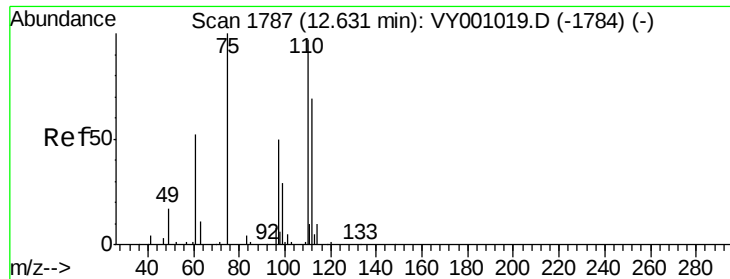
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001026.D
Acq: 23 Dec 2019 14:23

Tgt Ion:152 Resp: 195089
Ion Ratio Lower Upper
152 100
115 59.9 29.8 89.3
150 157.5 0.0 352.6



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

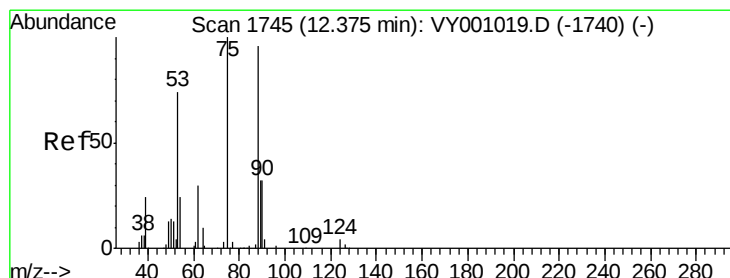
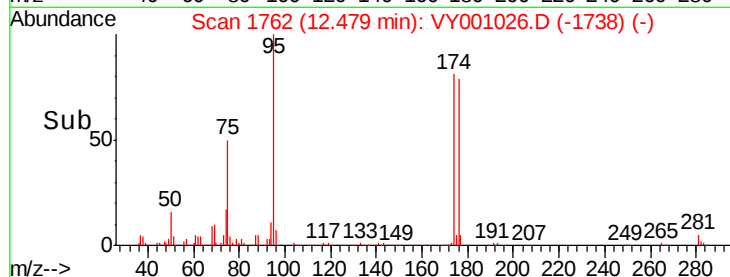
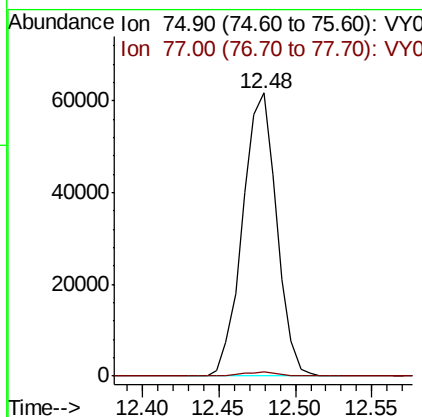
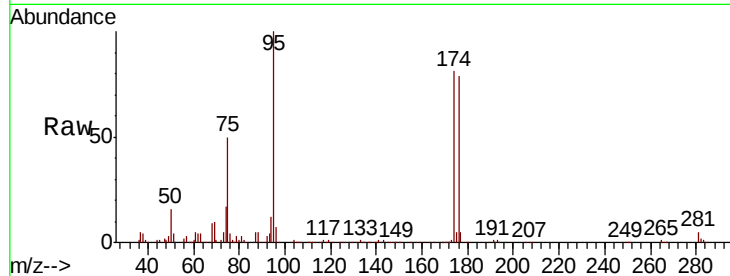




#76
 1,2,3-Trichloropropane
 Concen: 39.534 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY001026.D
 Acq: 23 Dec 2019 14:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Tot Ion: 75 Resp: 95080
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.316 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY001026.D
 Acq: 23 Dec 2019 14:23

Tgt Ion: 75 Resp: 95080
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.6 91.0#
 89 0.1 35.4 53.0#

