

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002536.D
 Acq On : 04 May 2020 13:26
 Operator : SY/MD
 Sample : L2452-03
 Misc : 5.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 07:05:20 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

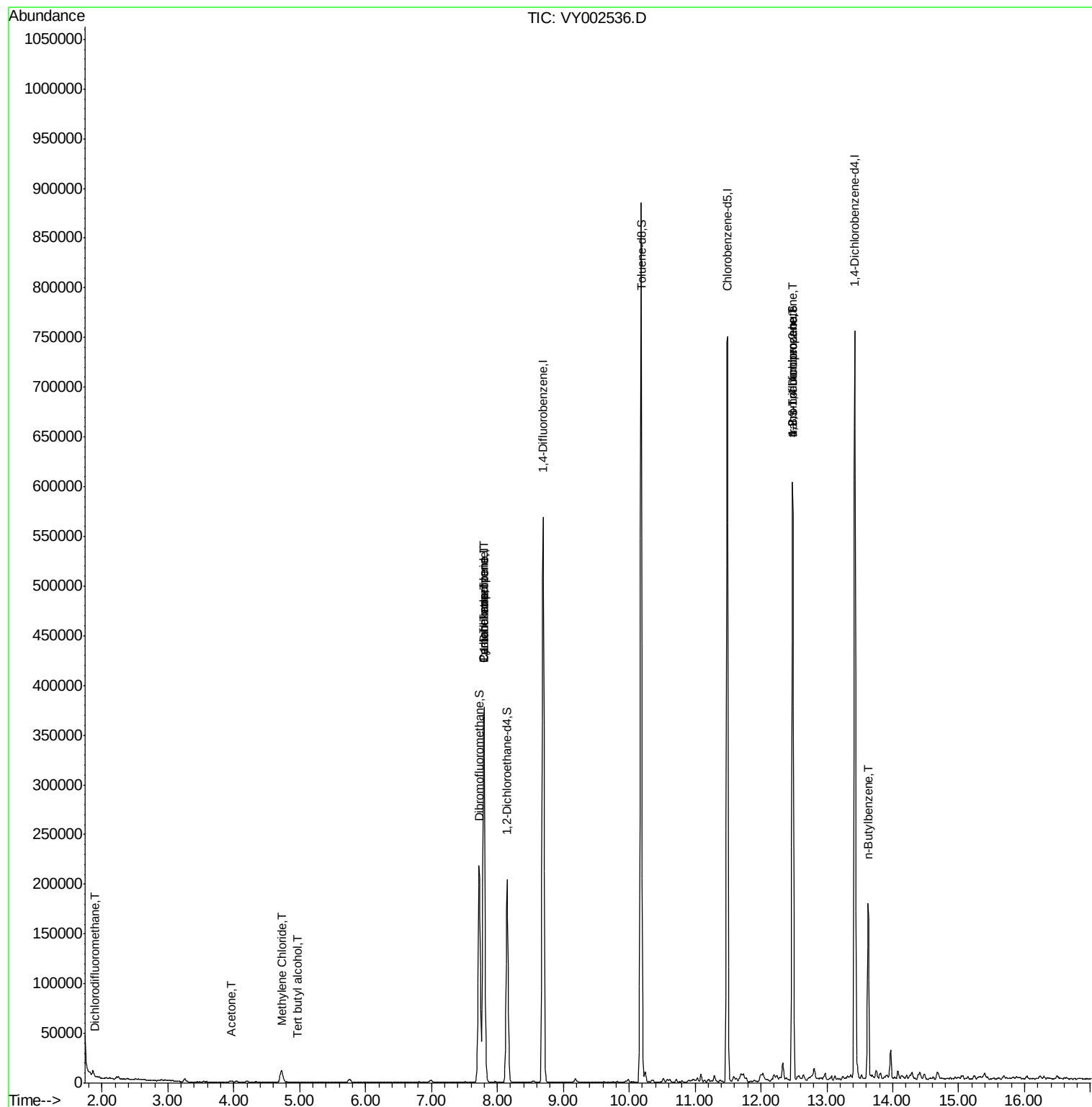
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	312550	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	510642	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	443698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203614	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	155181	59.05	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.10%	
35) Dibromofluoromethane	7.72	113	155746	53.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	590468	51.78	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.48	95	184625	47.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	48	1.802	ug/l #	43
11) Tert butyl alcohol	4.97	59	422	1.561	ug/l #	74
16) Acetone	3.96	43	2332	4.300	ug/l #	64
20) Methylene Chloride	4.72	84	9395	3.098	ug/l	95
31) Cyclohexane	7.79	56	5234	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	19993	4.670	ug/l #	49
38) Carbon Tetrachloride	7.79	117	28310	6.057	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	90406	49.963	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	90406	100.186	ug/l #	15
89) n-Butylbenzene	13.63	91	14444	1.272	ug/l #	42

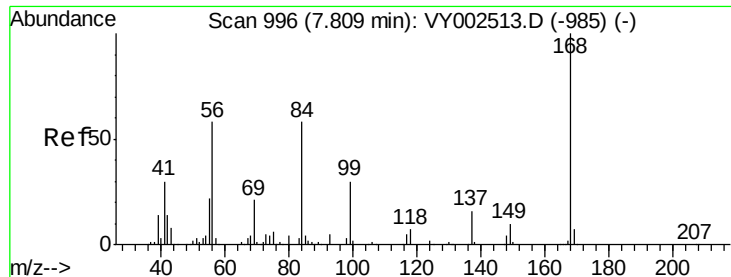
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
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# 994

Delta R.T. -0.01 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

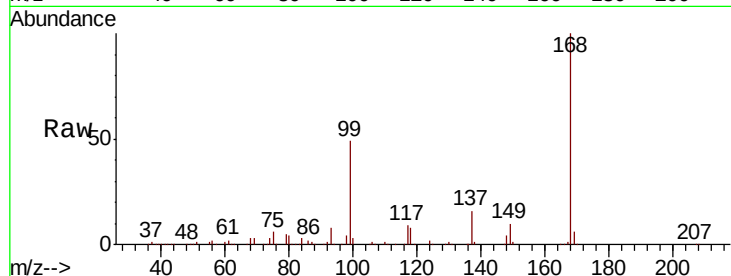
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 312550

Ion Ratio Lower Upper

168 100

99 48.8 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

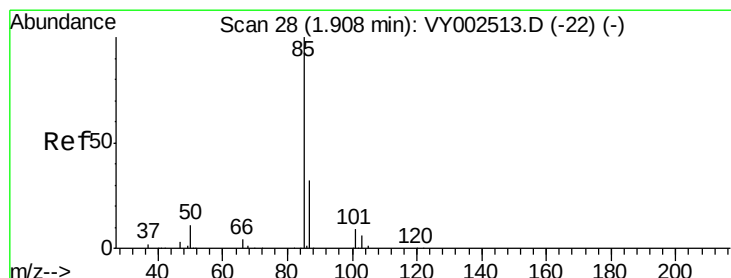
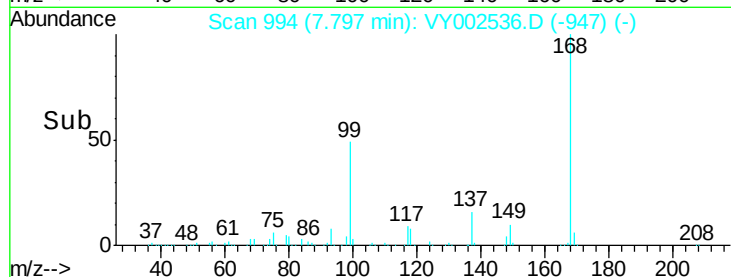
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.802 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY002536.D

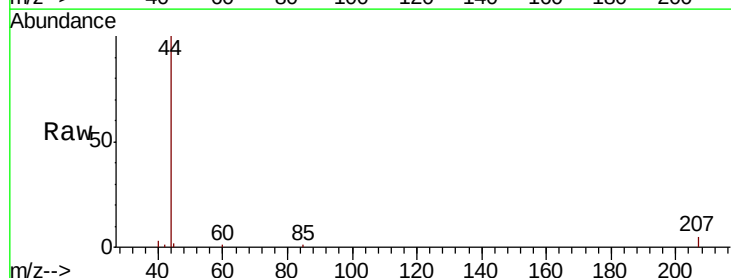
Acq: 04 May 2020 13:26

Tgt Ion: 85 Resp: 48

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.90

80

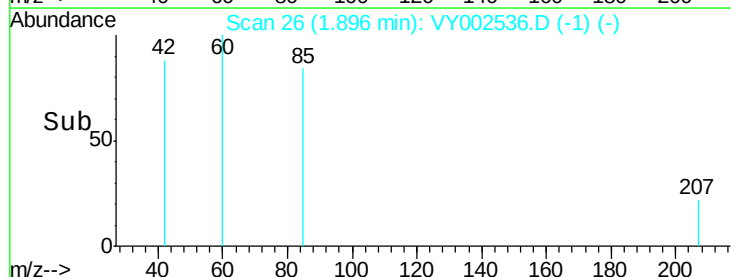
60

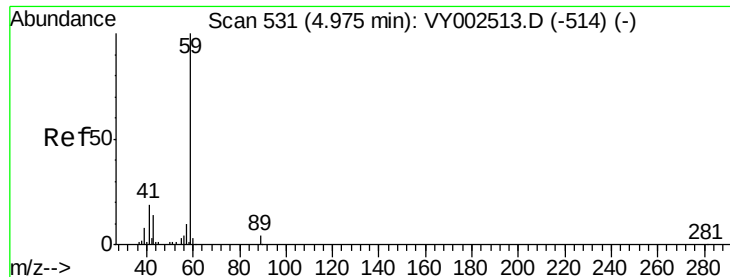
40

20

0

Time-->

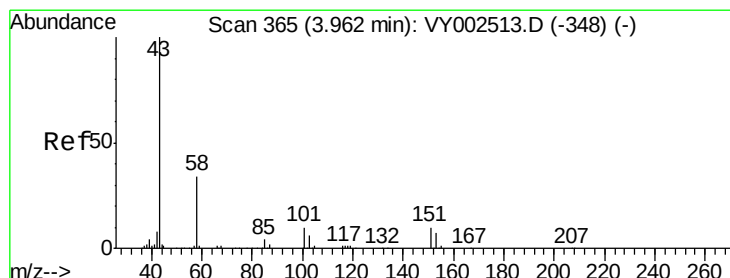
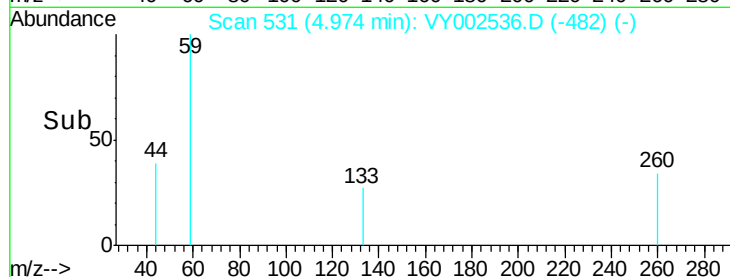
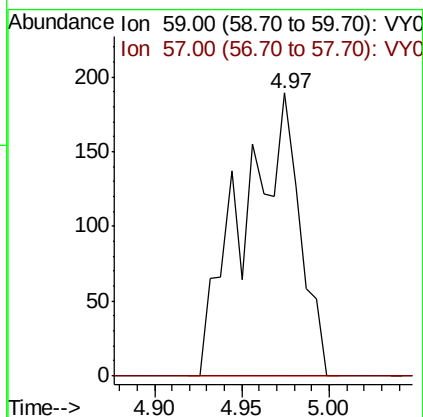
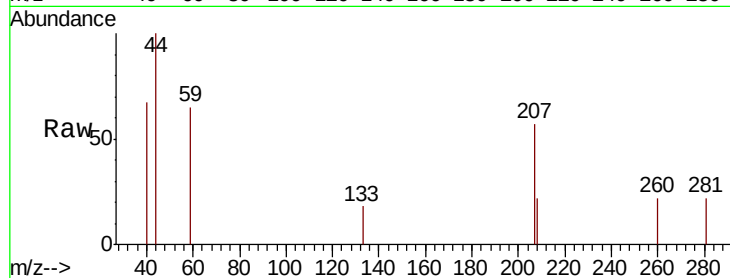




#11
Tert butyl alcohol
Concen: 1.561 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

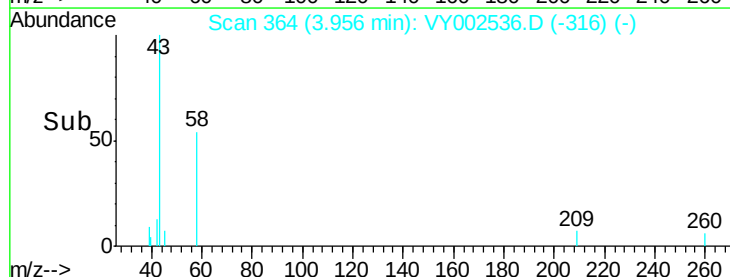
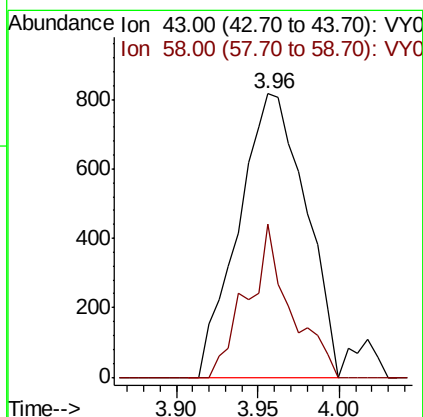
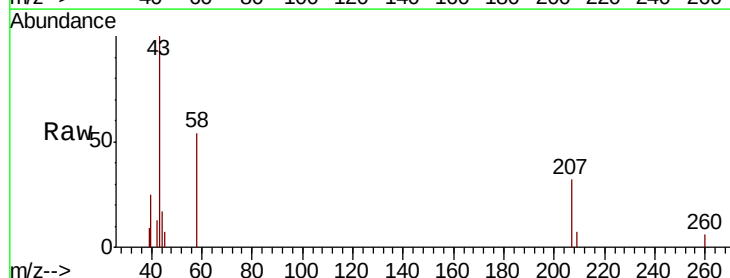
Instrument :
MSVOA_Y
ClientSampleId :

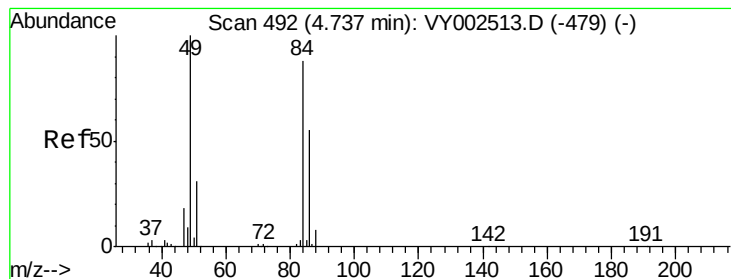
Tot Ion: 59 Resp: 422
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 4.300 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
58 54.2 26.9 40.3#





#20

Methylene Chloride

Concen: 3.098 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.02 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 84 Resp: 9395

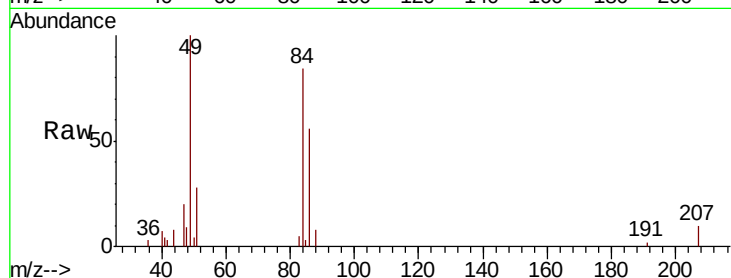
Ion Ratio Lower Upper

84 100

49 118.5 90.5 135.7

51 33.3 28.3 42.5

86 65.8 49.9 74.9



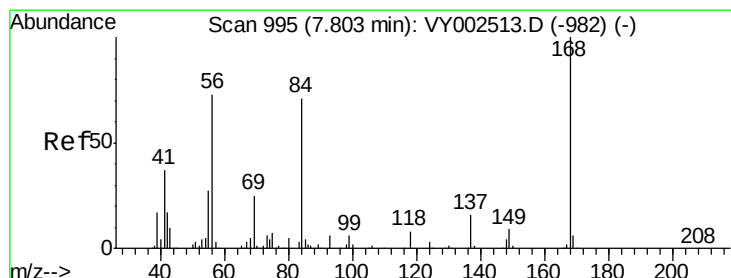
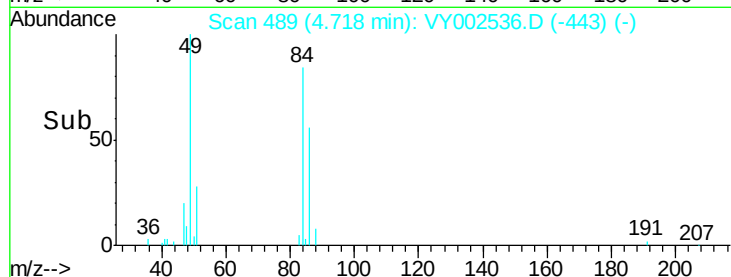
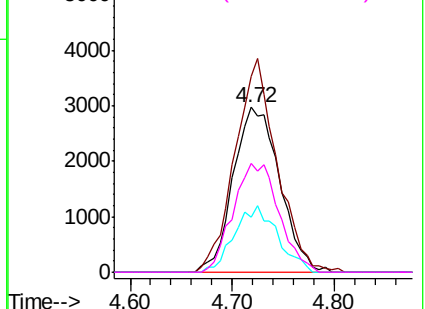
Abundance

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



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

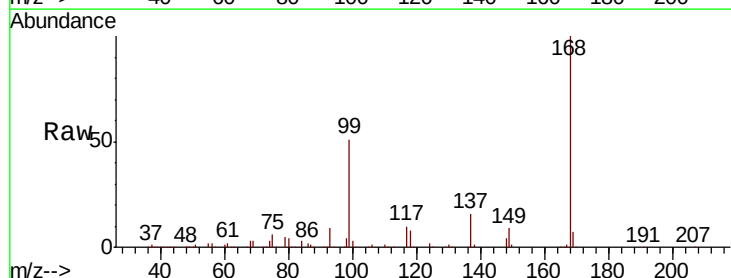
Tgt Ion: 56 Resp: 5234

Ion Ratio Lower Upper

56 100

69 160.8 27.6 41.4#

84 165.1 77.7 116.5#

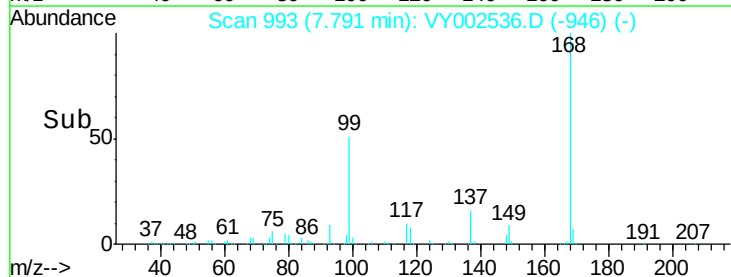
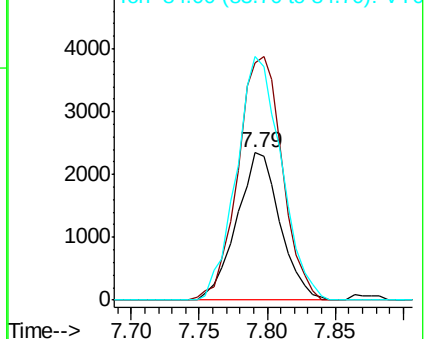


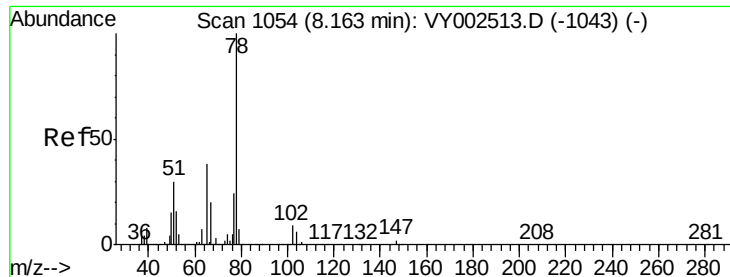
Abundance

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

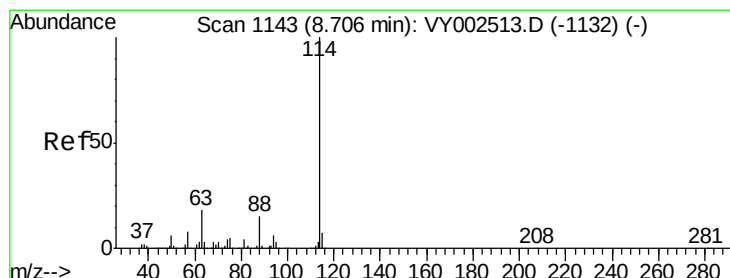
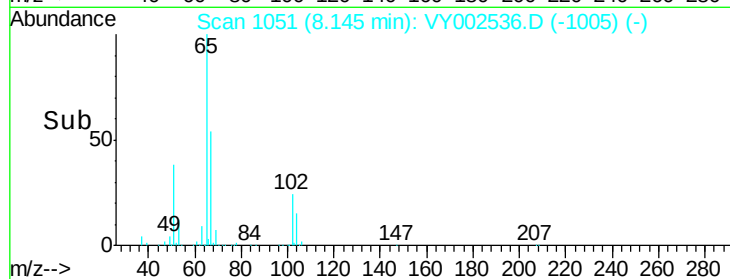
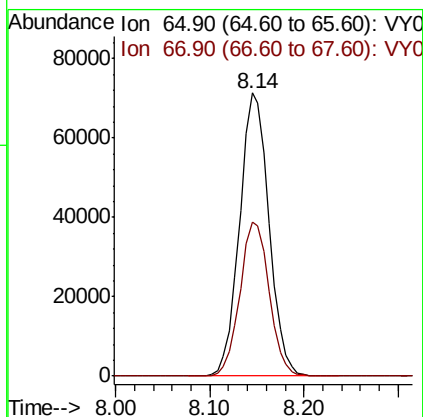
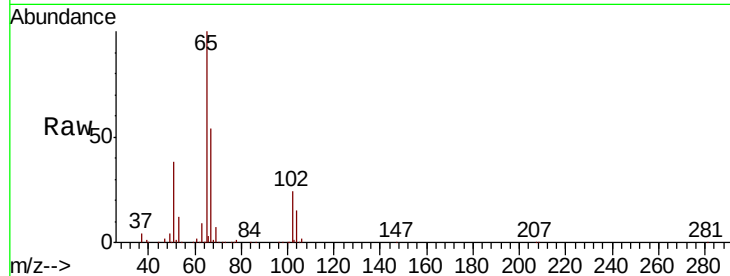




#33
 1,2-Dichloroethane-d4
 Concen: 59.050 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY002536.D
 Acq: 04 May 2020 13:26

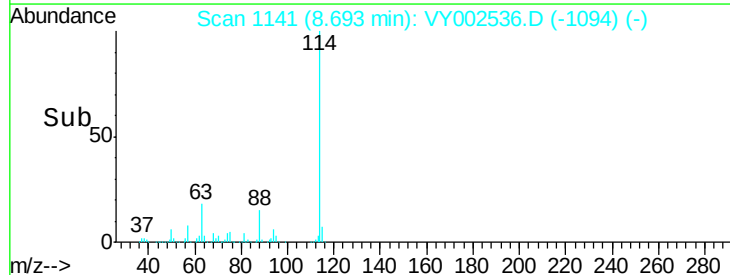
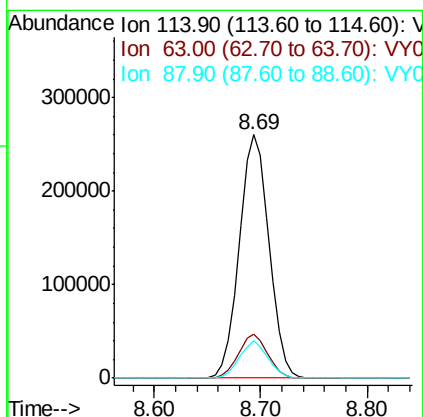
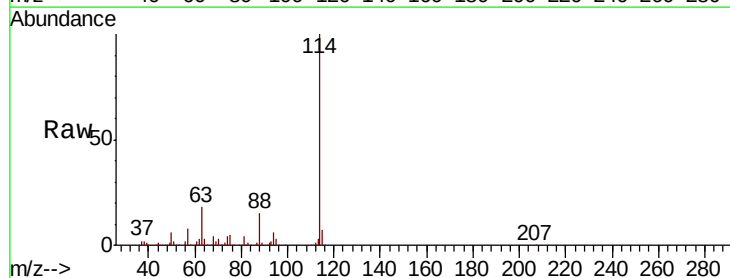
Instrument :
 MSVOA_Y
 ClientSampleId :

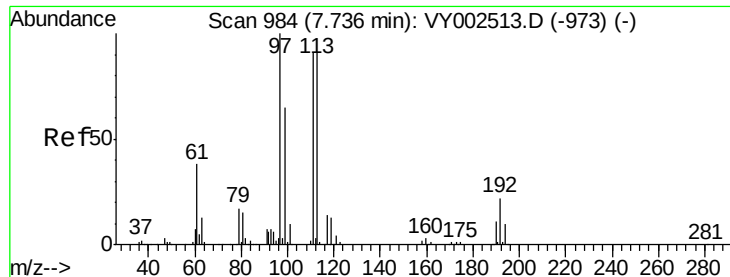
Tot Ion: 65 Resp: 155181
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002536.D
 Acq: 04 May 2020 13:26

Tgt Ion: 114 Resp: 510642
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 15.2 0.0 29.6

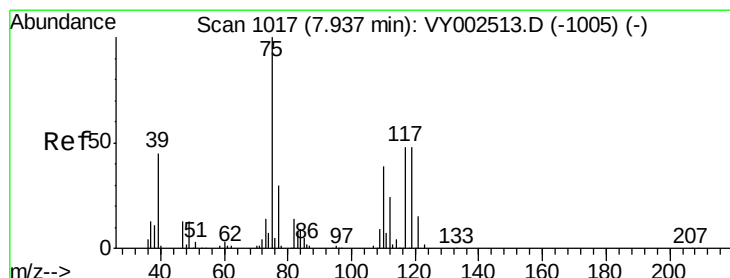
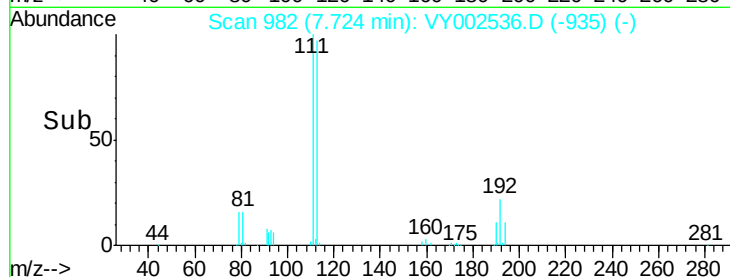
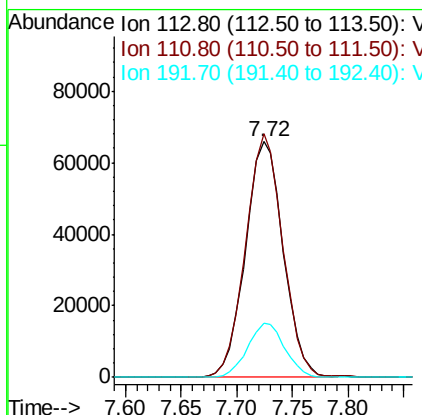
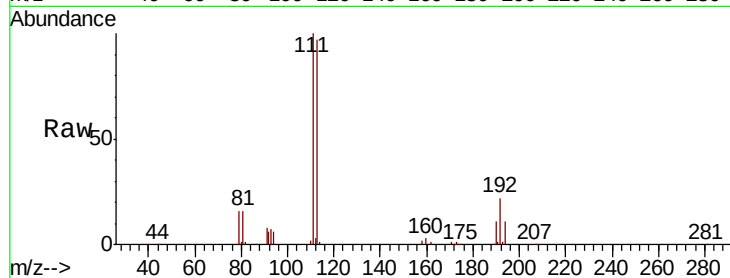




#35
 Dibromofluoromethane
 Concen: 53.331 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002536.D
 Acq: 04 May 2020 13:26

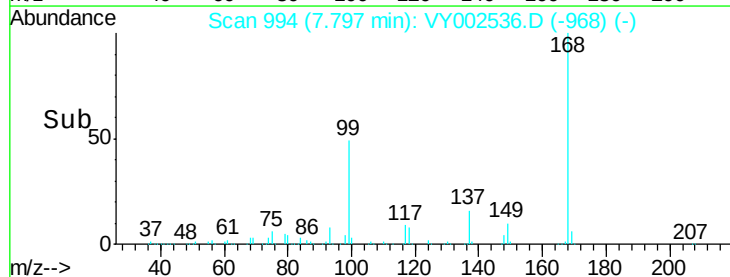
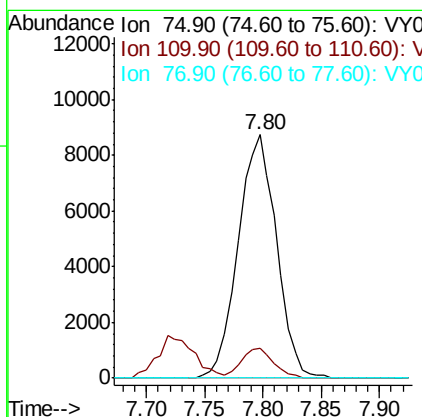
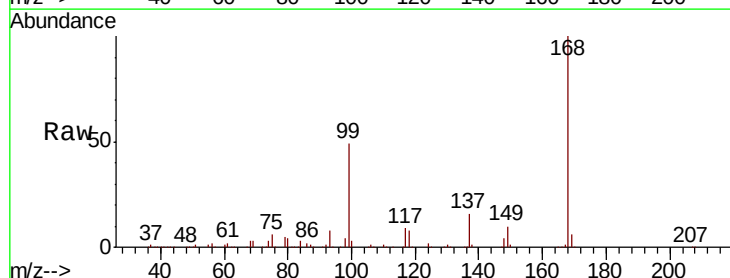
Instrument :
 MSVOA_Y
 ClientSampleId :

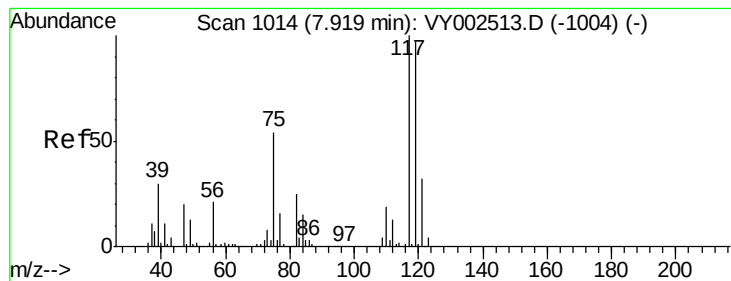
Tot Ion:113 Resp: 155746
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.6
 192 22.6 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.670 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002536.D
 Acq: 04 May 2020 13:26

Tgt Ion: 75 Resp: 19993
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.1 57.3#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.057 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

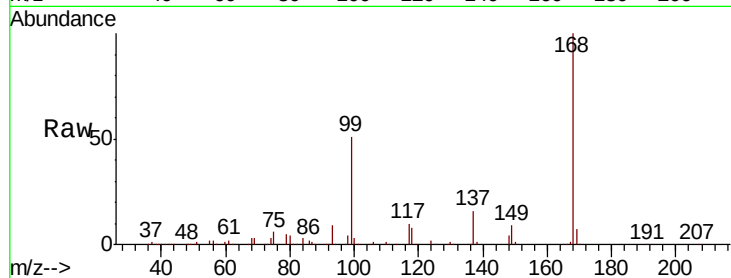
Tot Ion:117 Resp: 28310

Ion Ratio Lower Upper

117 100

119 3.9 77.1 115.7#

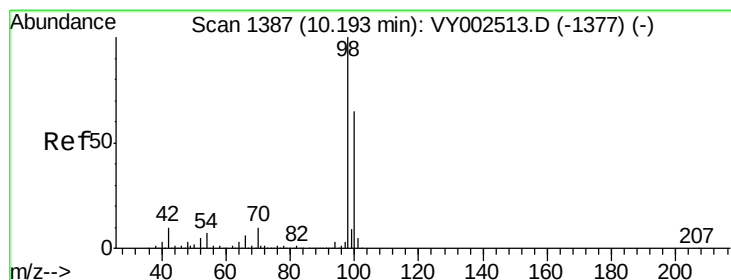
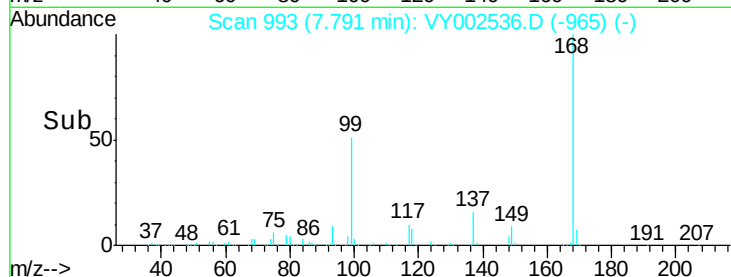
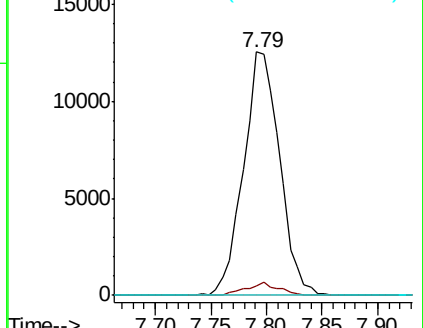
121 0.0 25.2 37.8#



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: 51.775 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002536.D

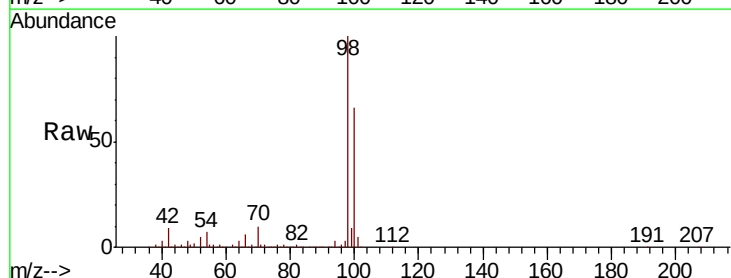
Acq: 04 May 2020 13:26

Tgt Ion: 98 Resp: 590468

Ion Ratio Lower Upper

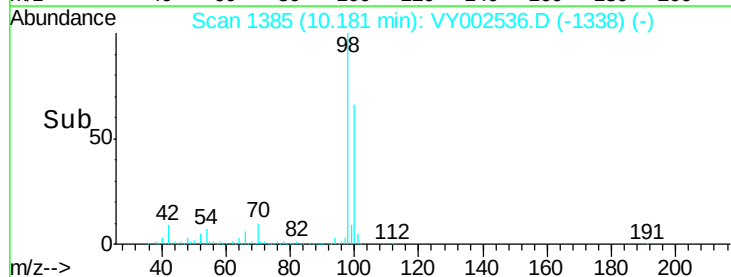
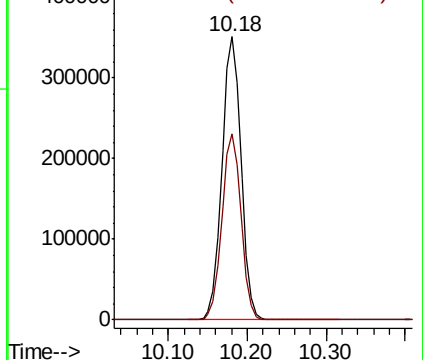
98 100

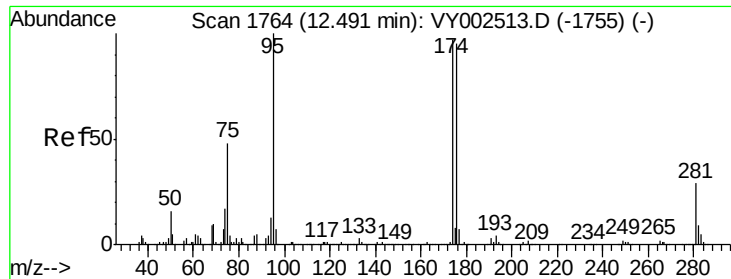
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

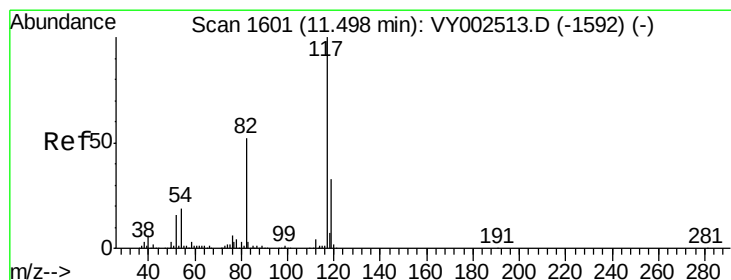
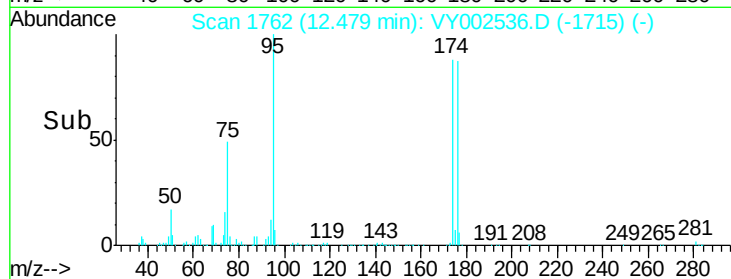
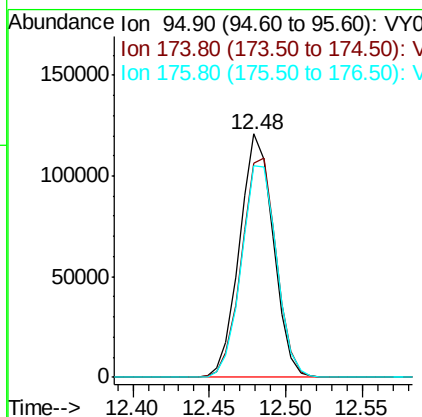
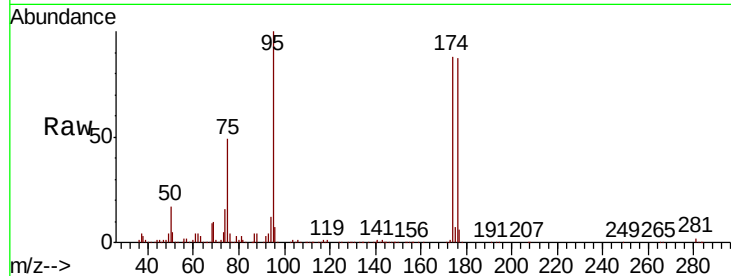




#62
4-Bromofluorobenzene
Concen: 47.709 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

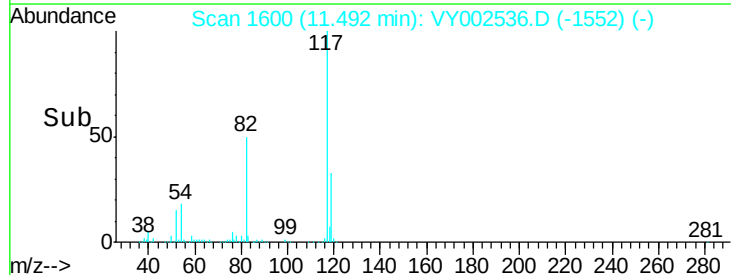
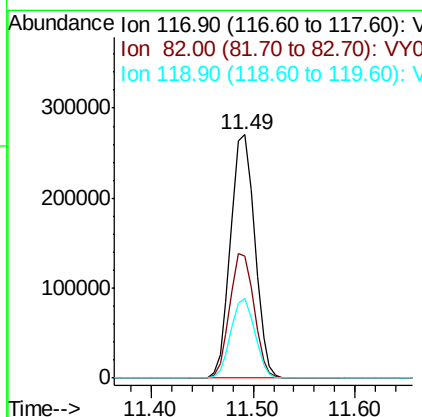
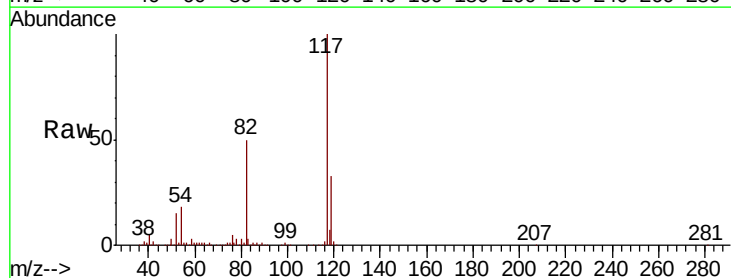
Instrument :
MSVOA_Y
ClientSampleId :

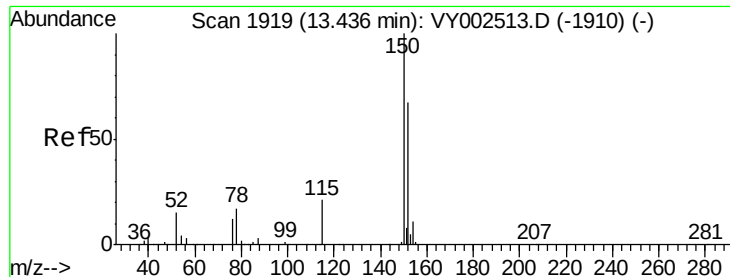
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	188.8
176	90.6	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.3	61.9
119	32.9	26.0	39.0



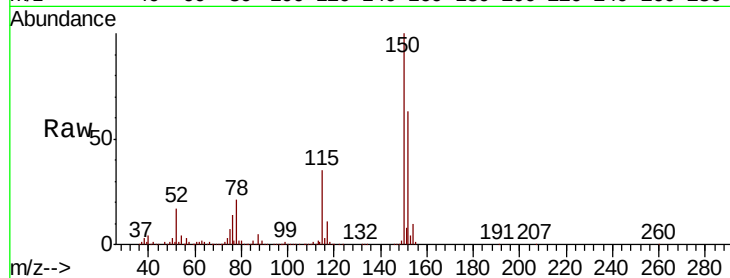


#72

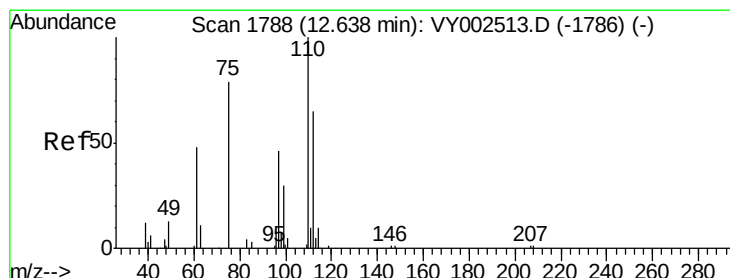
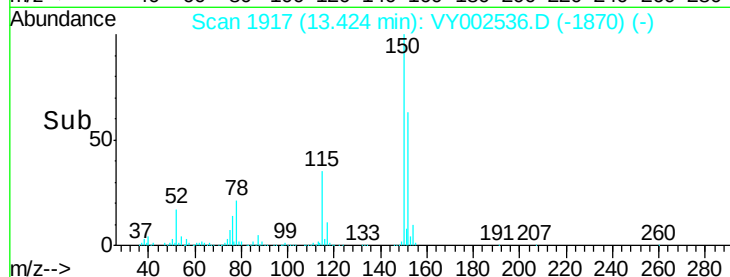
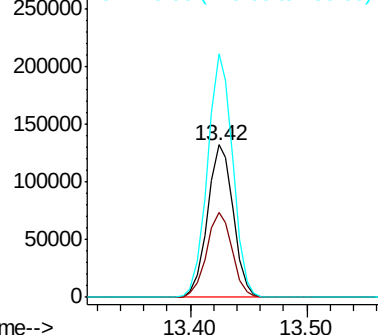
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 203614
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 156.5 0.0 346.4



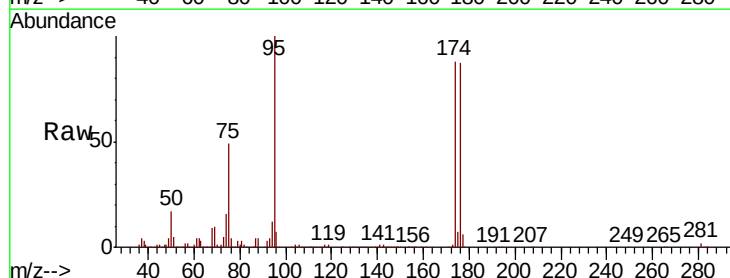
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



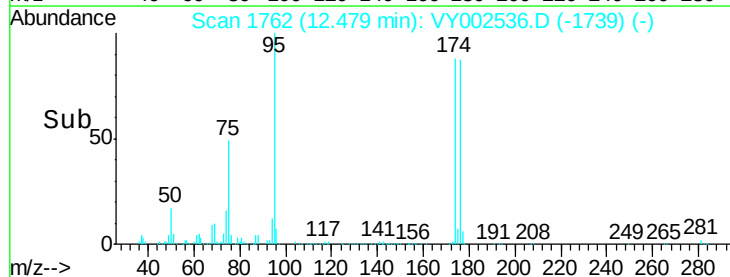
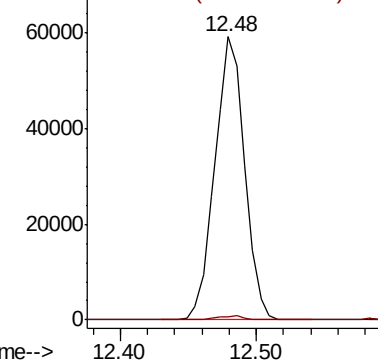
#76

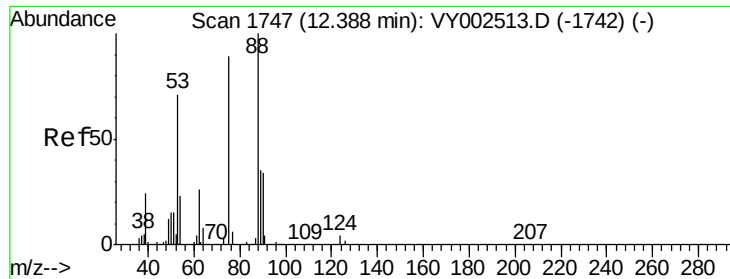
1,2,3-Trichloropropane
Concen: 49.963 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Tgt Ion: 75 Resp: 90406
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

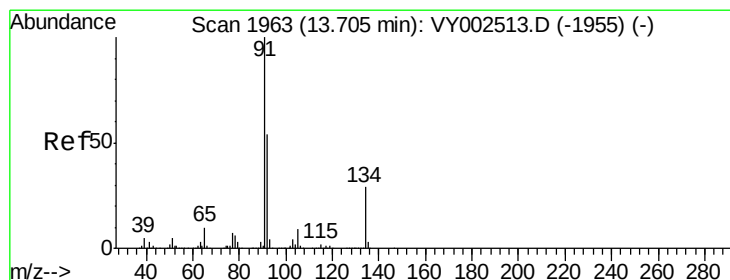
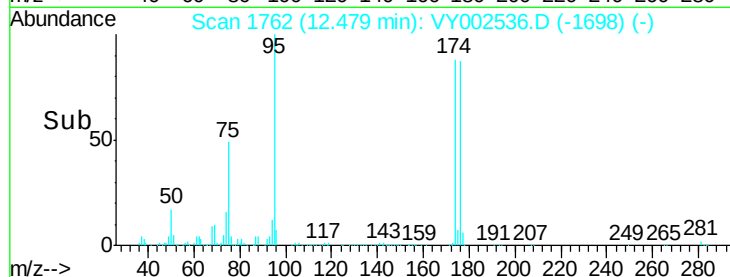
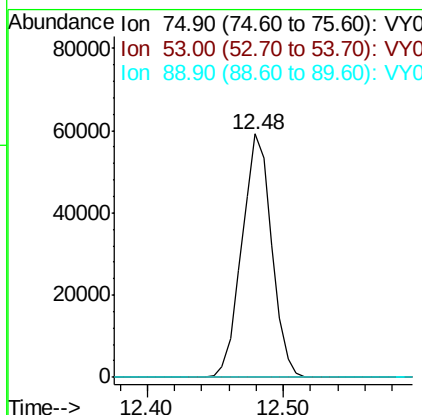
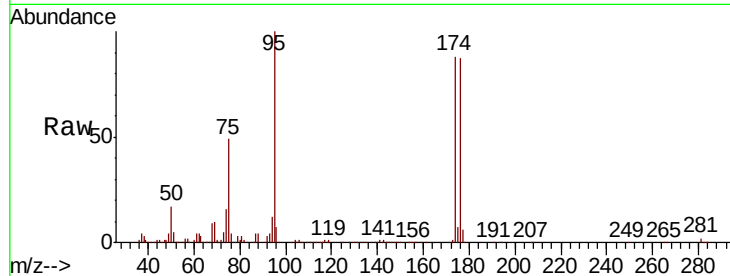




#81
trans-1,4-Dichloro-2-butene
Concen: 100.186 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 90406
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.0#
89 0.0 37.4 56.0#



#89
n-Butylbenzene
Concen: 1.272 ug/l
RT: 13.63 min Scan# 1950
Delta R.T. -0.08 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Tgt Ion: 91 Resp: 14444
Ion Ratio Lower Upper
91 100
92 10.5 27.1 81.3#
134 0.0 14.4 43.0#

