

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 :
 224

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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%	

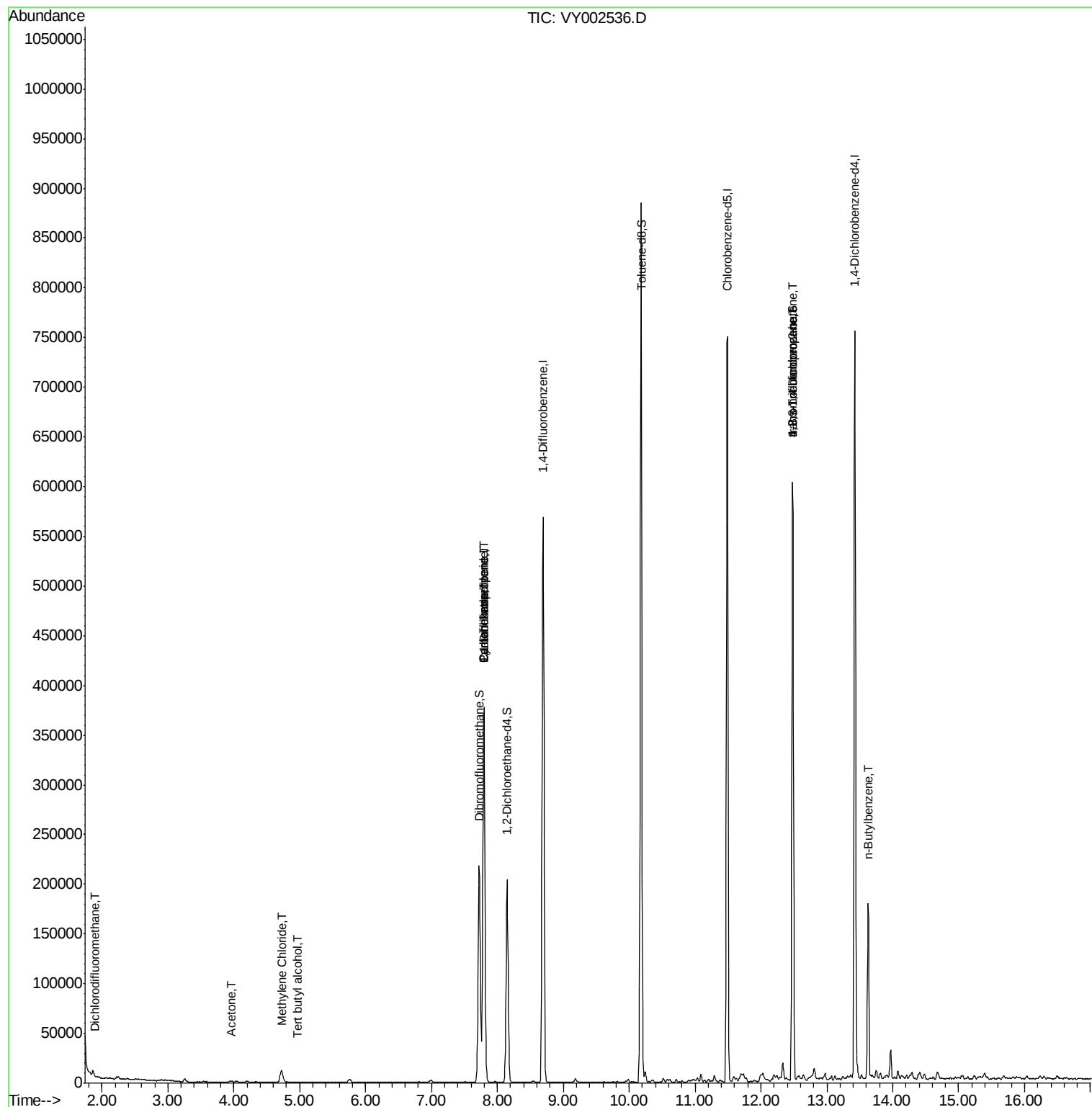
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	48	1.802	ug/l #	43
11) Tert butyl alcohol	4.97	59	422	1.561	ug/l #	74
16) Acetone	3.96	43	2332	4.300	ug/l #	64
20) Methylene Chloride	4.72	84	9395	3.098	ug/l	95
31) Cyclohexane	7.79	56	5234	1.108	ug/l #	1
36) 1,1-Dichloropropene	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

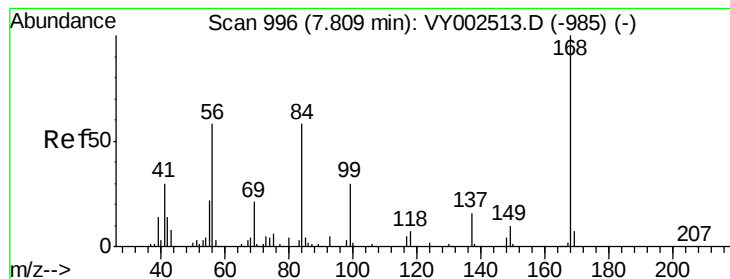
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant 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 :

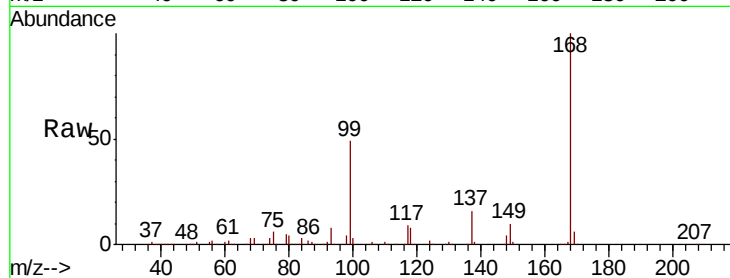
224

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

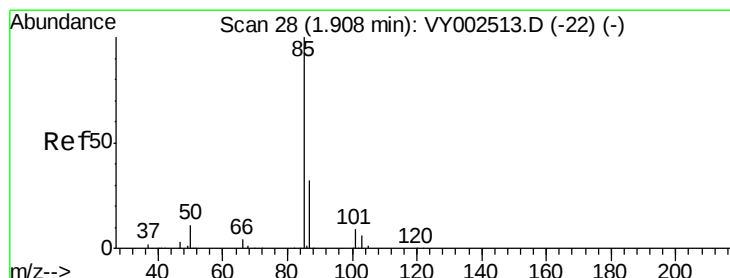
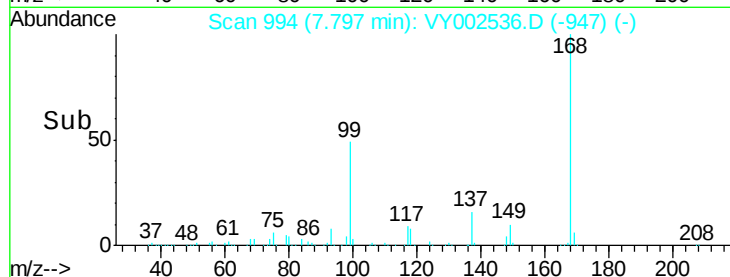
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 1.802 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY002536.D

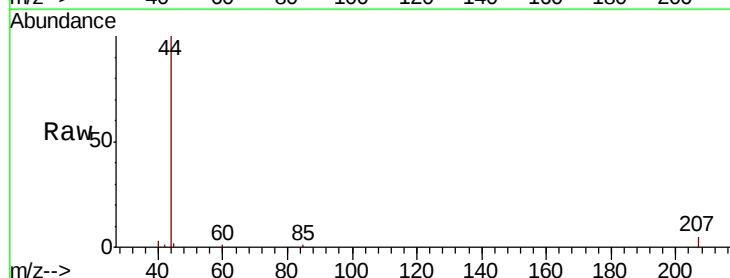
Acq: 04 May 2020 13:26

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

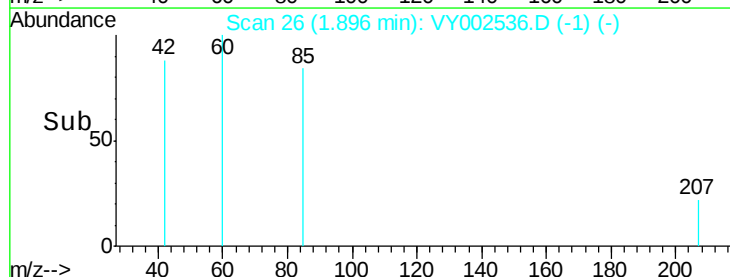
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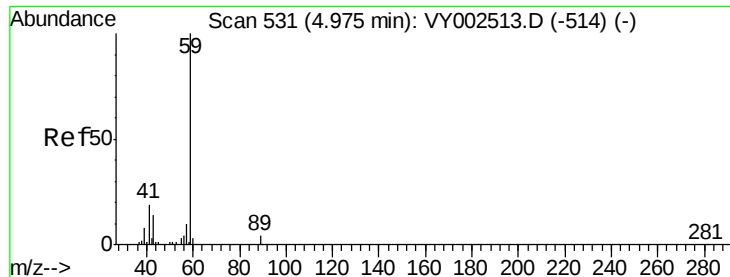
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Time-->



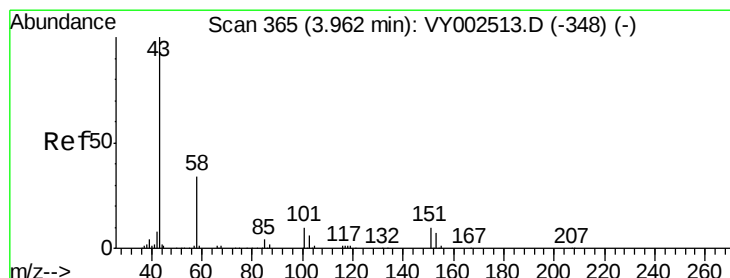
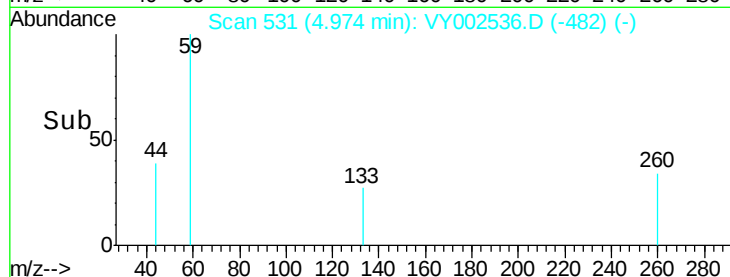
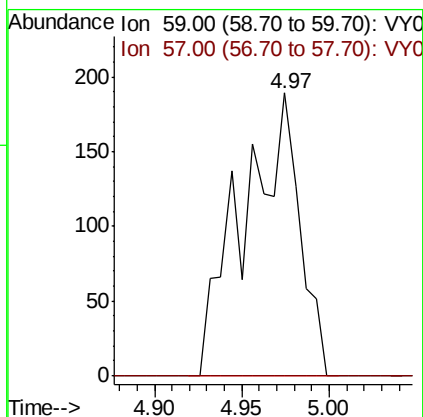
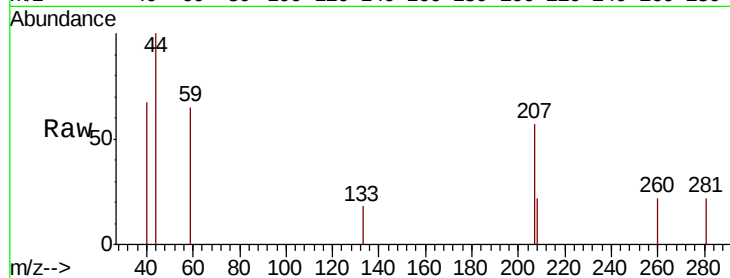


#11

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 :
 224

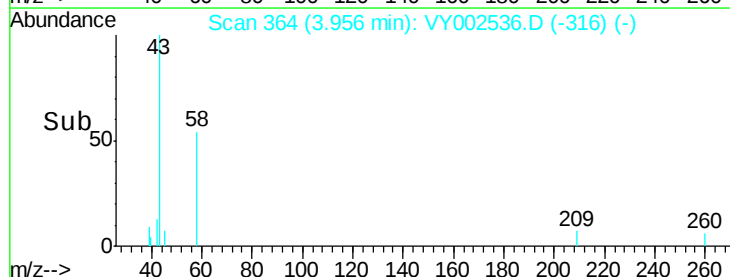
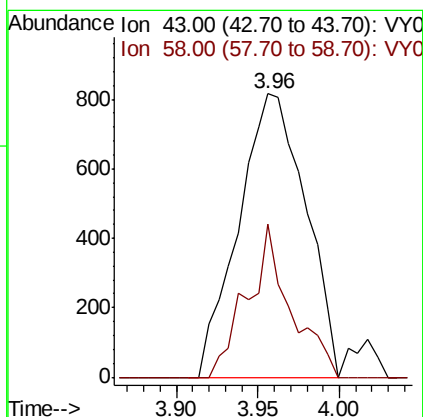
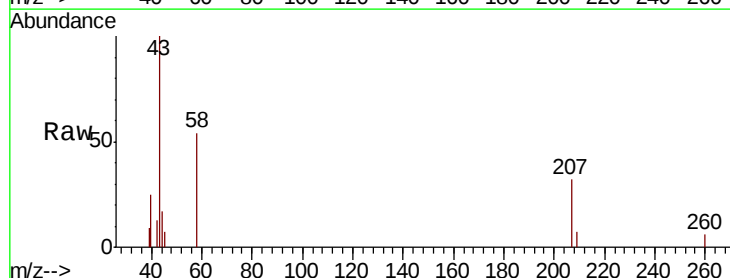
Tot Ion: 59 Resp: 422
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

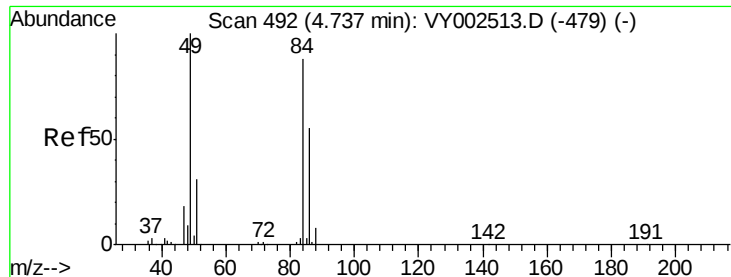


#16

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#

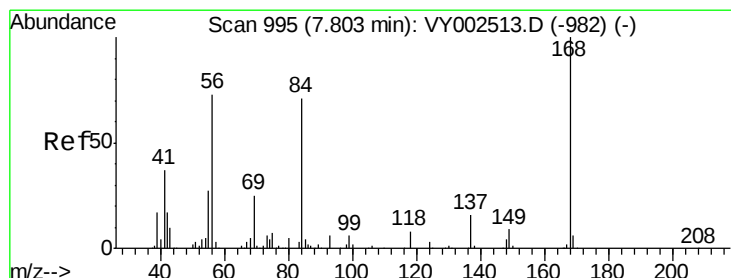
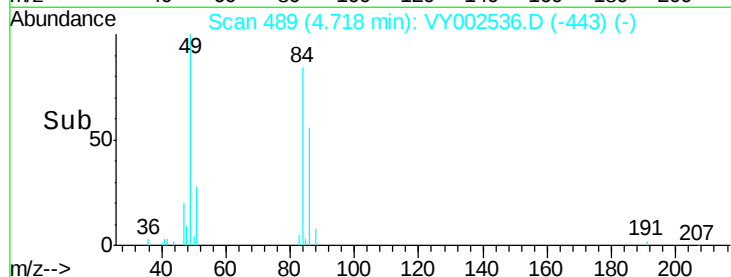
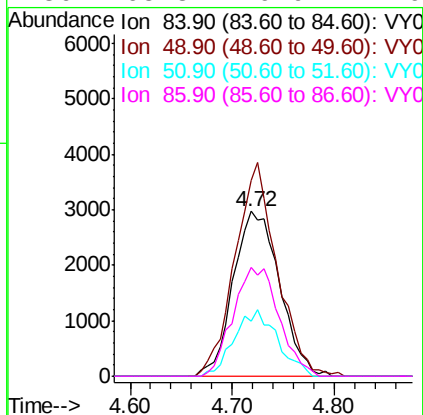
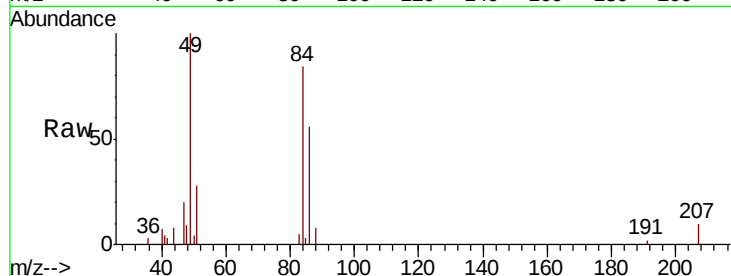




#20
Methvlene Chloride
Concen: 3.098 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

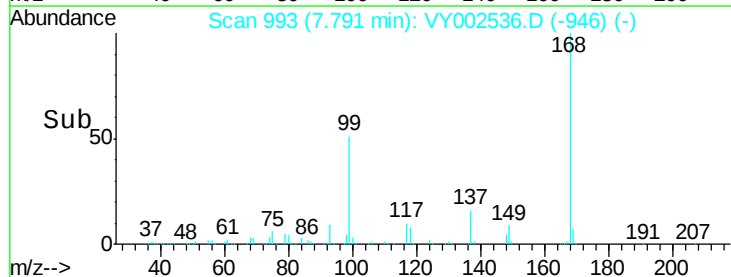
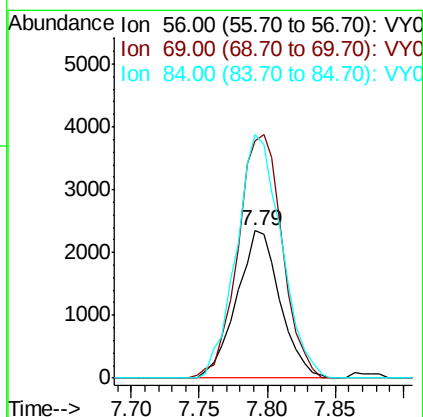
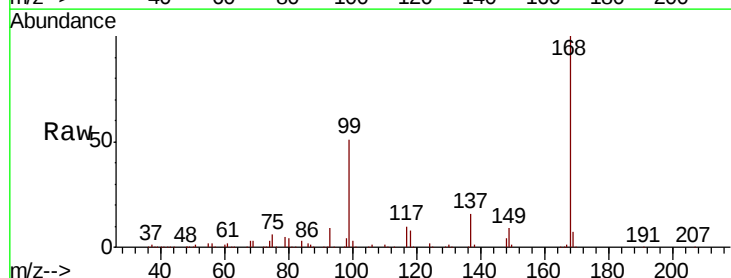
Instrument :
MSVOA_Y
ClientSampled :
224

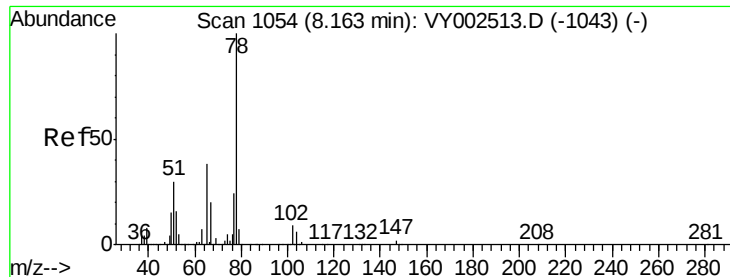
Tot Ion:	84	Resp:	9395
Ion	Ratio	Lower	Upper
84	100		
49	118.5	90.5	135.7
51	33.3	28.3	42.5
86	65.8	49.9	74.9



#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#

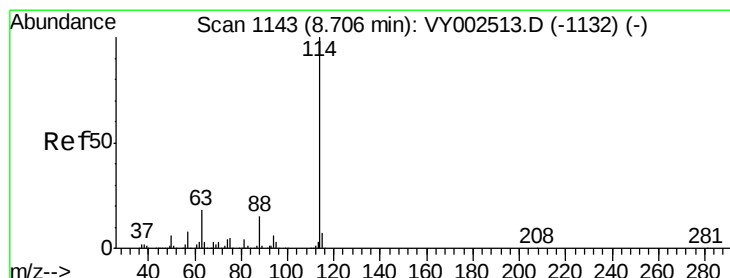
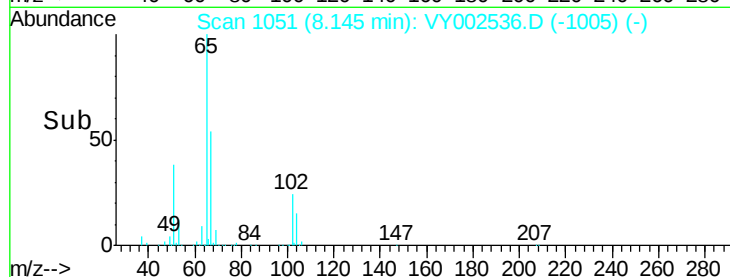
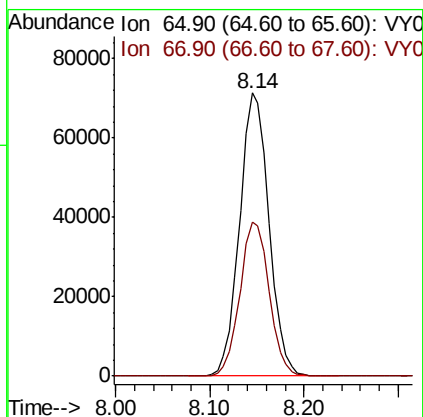
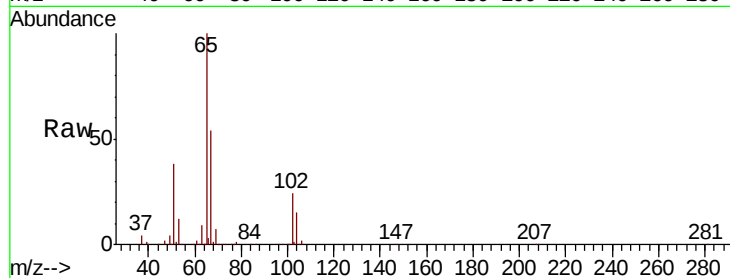




#33
 1,2-Dichloroethane-d4
 Concen: 59.050 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY002536.D
 Acq: 04 May 2020 13:26

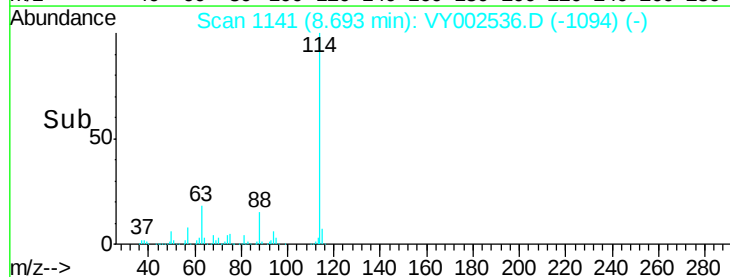
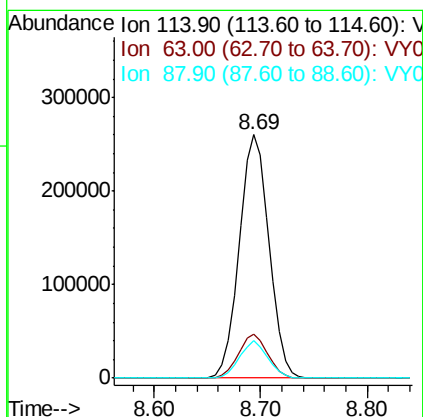
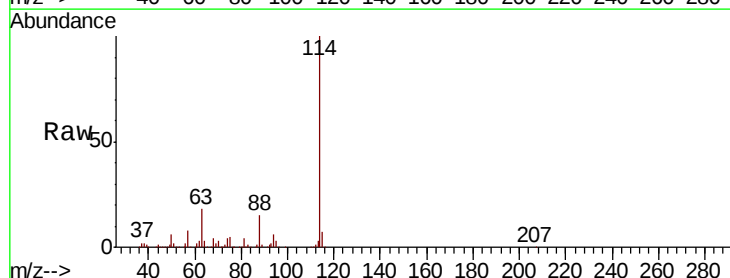
Instrument :
 MSVOA_Y
 ClientSampleId :
 224

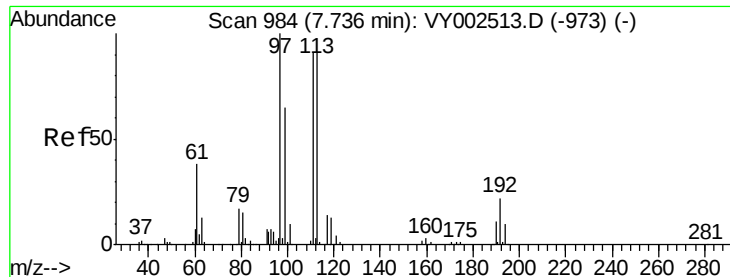
Tot Ion: 65 Resp: 155181
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.2



#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 :
224

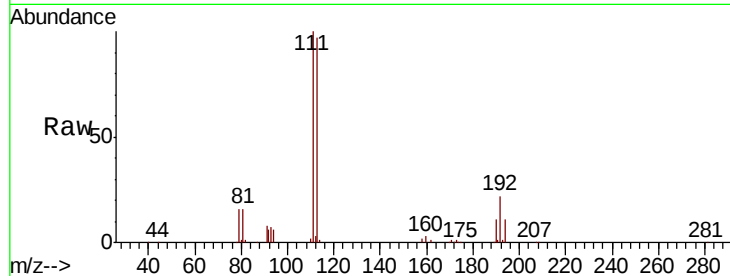
Tot Ion:113 Resp: 155746

Ion Ratio Lower Upper

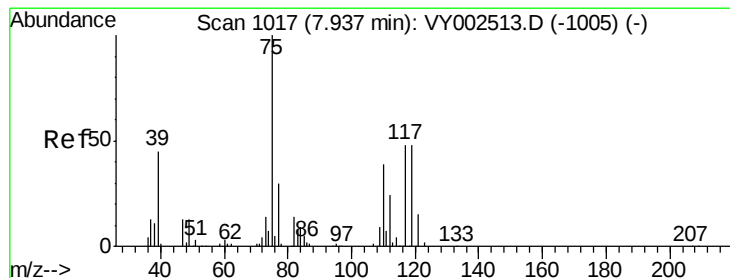
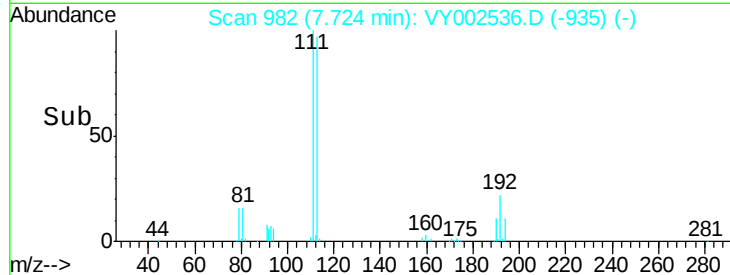
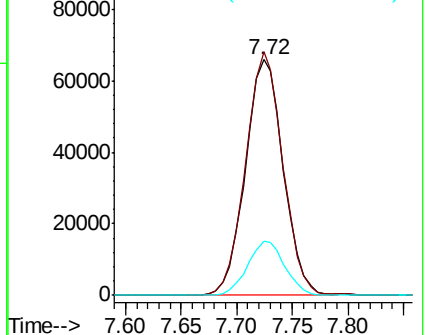
113 100

111 101.8 81.8 122.6

192 22.6 18.2 27.4



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: 4.670 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.14 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

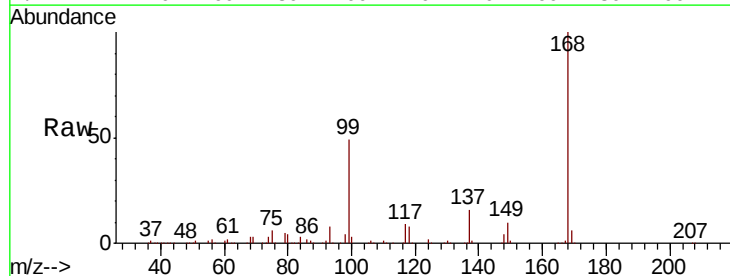
Tgt Ion: 75 Resp: 19993

Ion Ratio Lower Upper

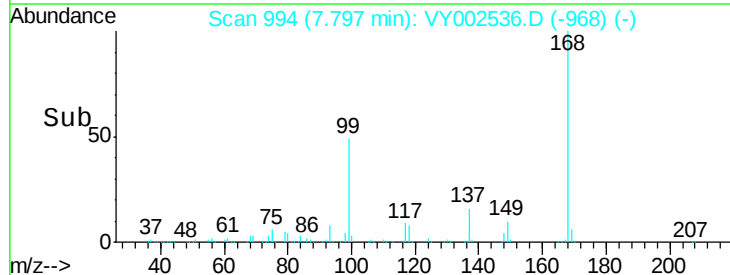
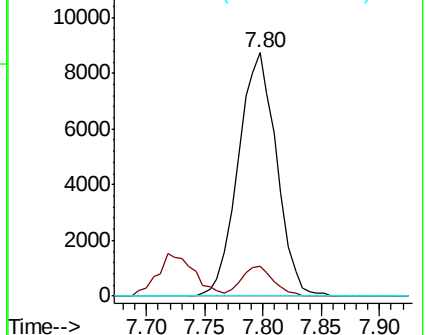
75 100

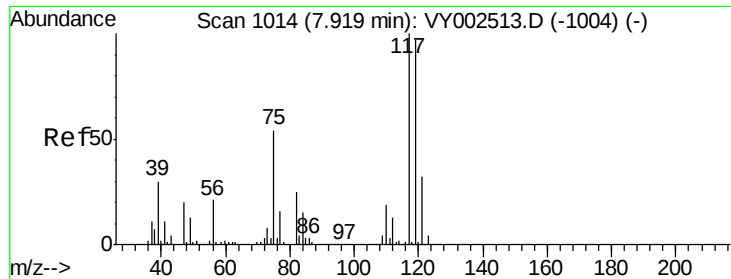
110 10.3 19.1 57.3#

77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

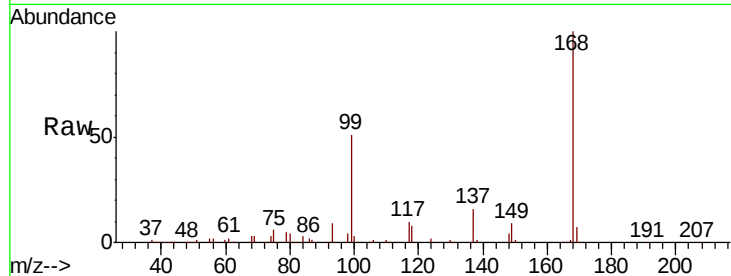




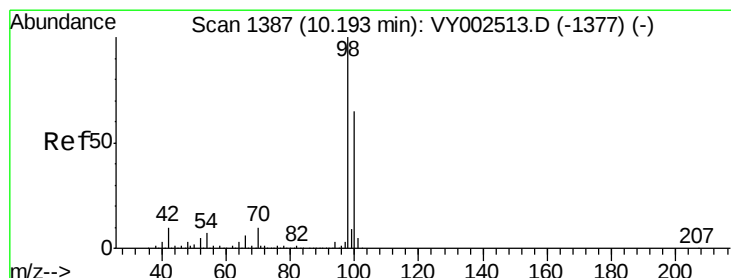
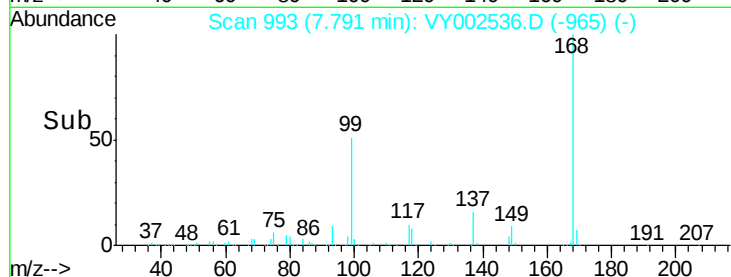
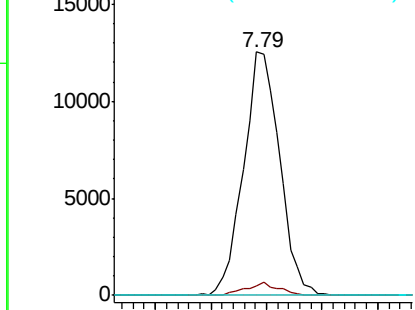
#38
Carbon Tetrachloride
Concen: 6.057 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
224

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#

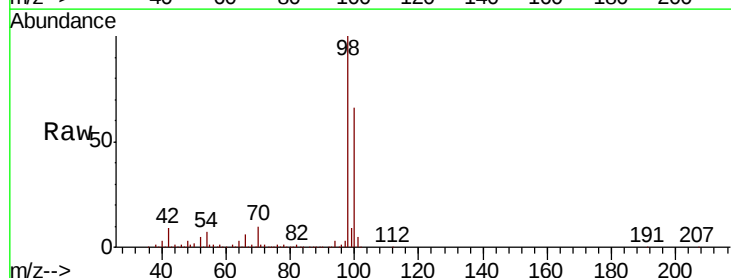


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

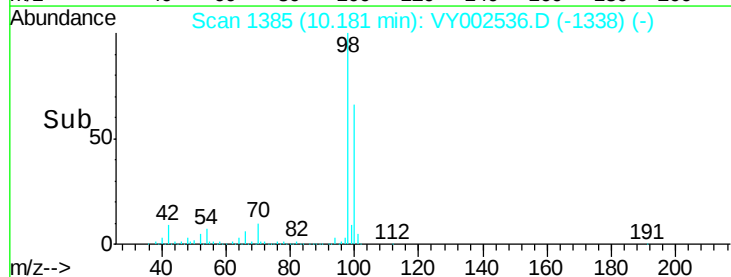
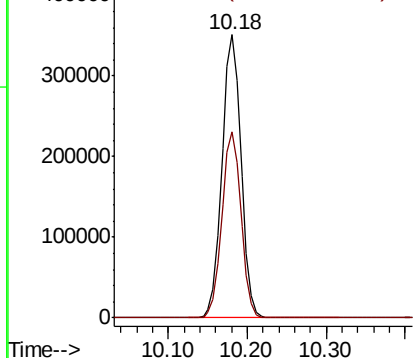


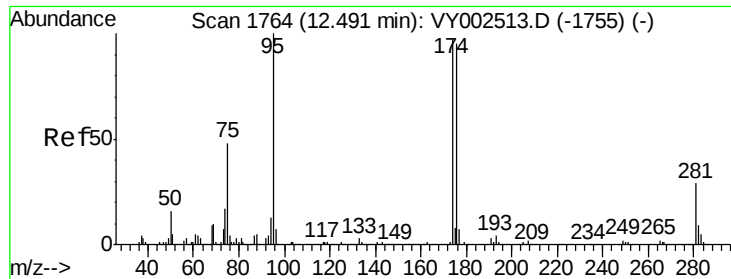
#50
Toluene-d8
Concen: 51.775 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

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 :

224

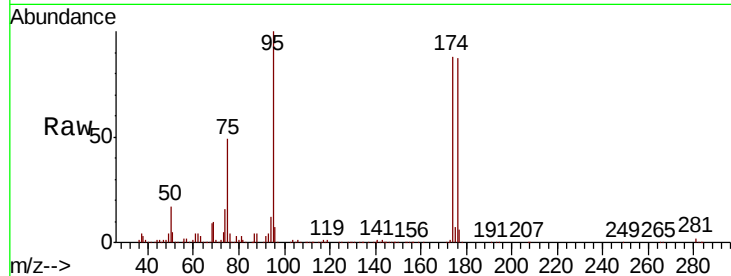
Tot Ion: 95 Resp: 184625

Ion Ratio Lower Upper

95 100

174 93.0 0.0 188.8

176 90.6 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)

12.48

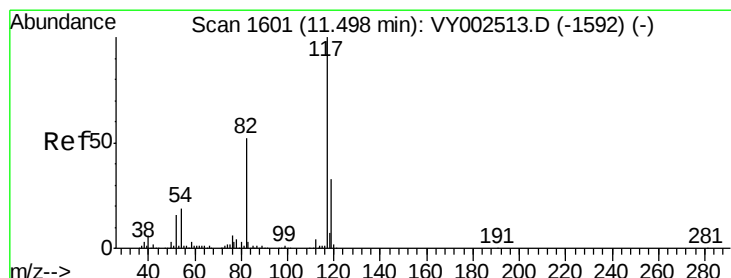
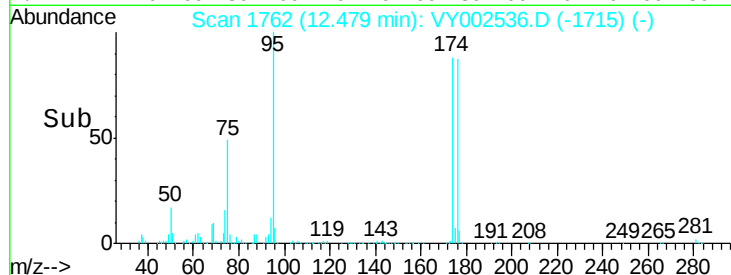
150000

100000

50000

0

Time--> 12.40 12.45 12.50 12.55



#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

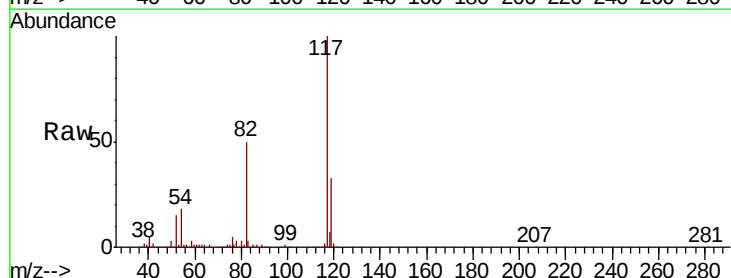
Tgt Ion: 117 Resp: 443698

Ion Ratio Lower Upper

117 100

82 50.1 41.3 61.9

119 32.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)

11.49

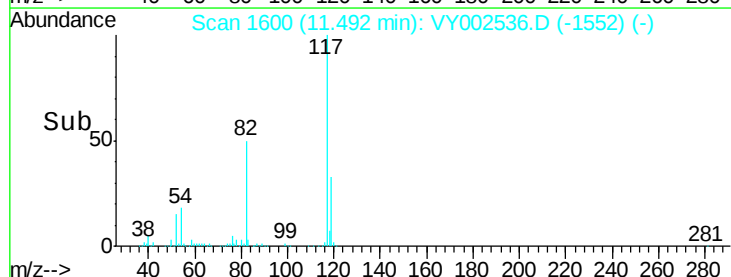
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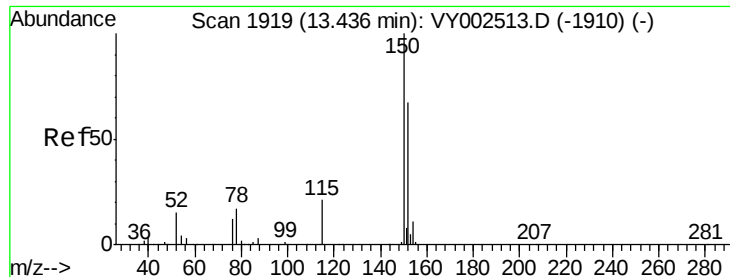
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100000

0

Time--> 11.40 11.50 11.60



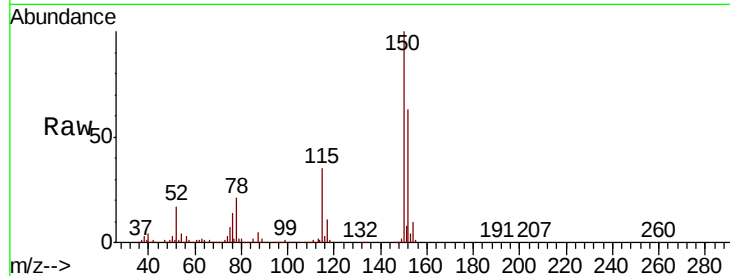


#72

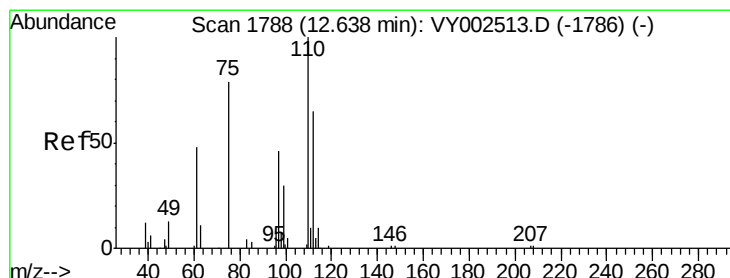
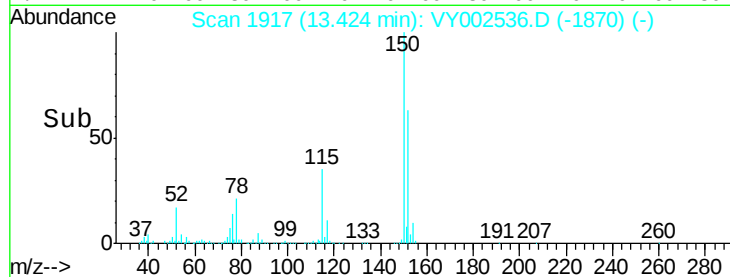
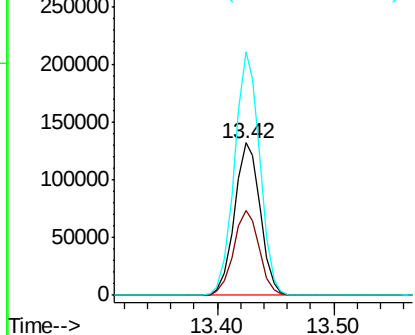
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
224

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



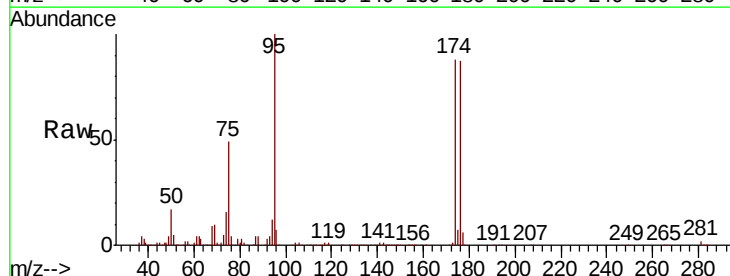
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



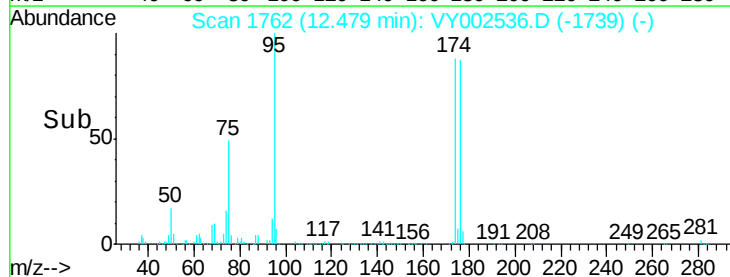
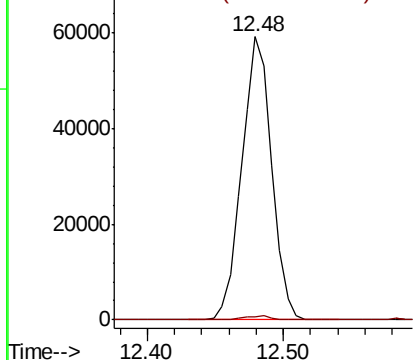
#76

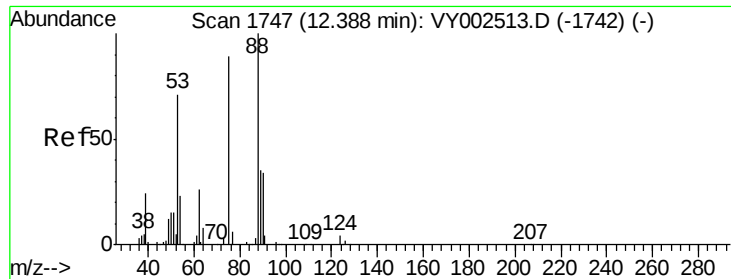
1,2,3-Trichloropropane
Concen: 49.963 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

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

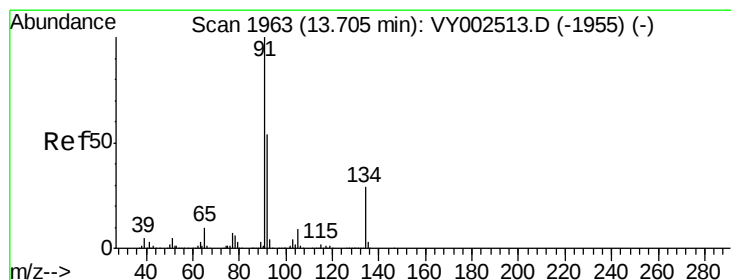
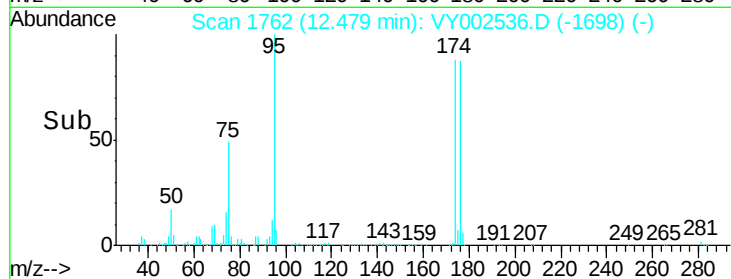
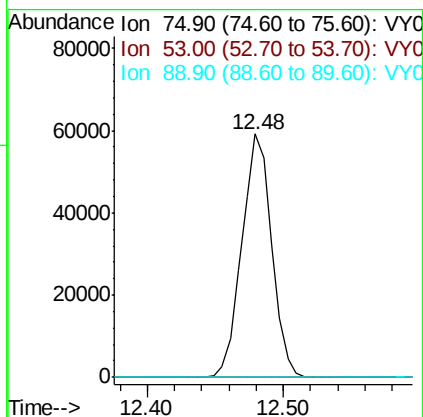
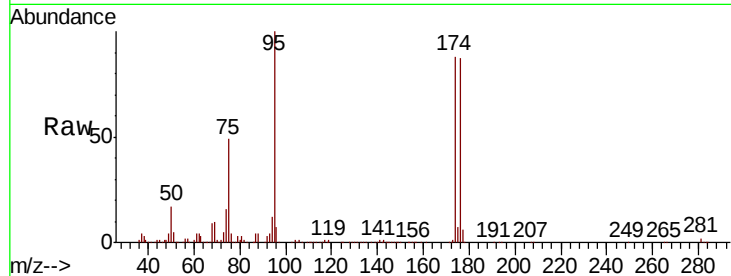




#81
trans-1,4-Dichloro-2-butene
Concen: 100.186 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
224

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#

