

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002613.D
 Acq On : 06 May 2020 14:17
 Operator : SY/MD
 Sample : L2483-12RE
 Misc : 9.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 07 04:14:37 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

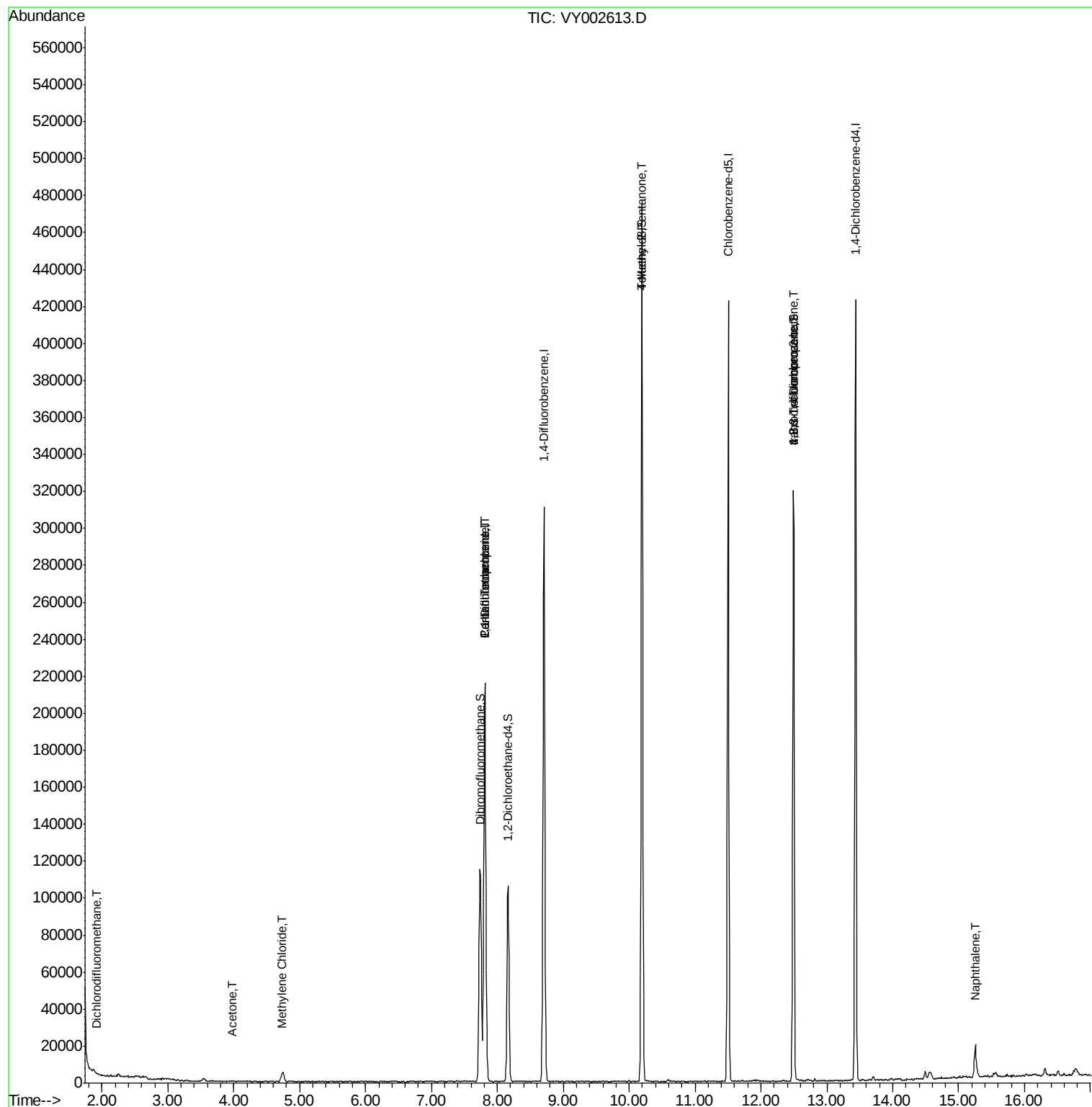
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	182000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	275819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	113376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	78961	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.74	113	83075	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.19	98	319076	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.49	95	100057	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.92	85	61	1.824	ug/l #	43
16) Acetone	3.96	43	779	2.467	ug/l #	84
20) Methylene Chloride	4.73	84	4102	2.323	ug/l	89
36) 1,1-Dichloropropene	7.80	75	11507	4.977	ug/l #	48
38) Carbon Tetrachloride	7.81	117	16601	6.576	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1396	1.216	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	47851	47.493	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47851	95.233	ug/l #	15
95) Naphthalene	15.25	128	12505	3.045	ug/l	95

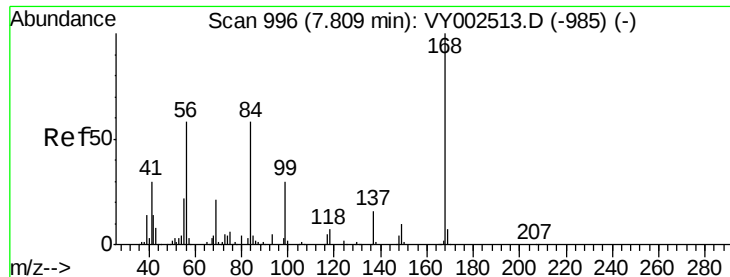
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002613.D

Acq: 06 May 2020 14:17

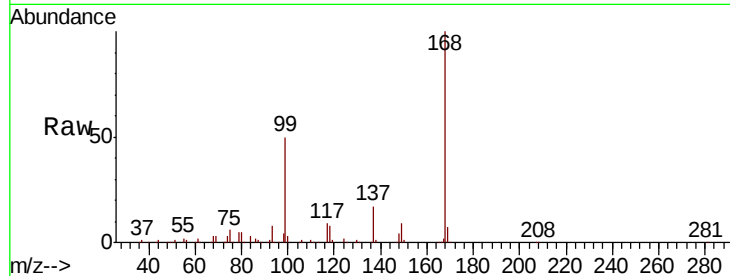
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 182000

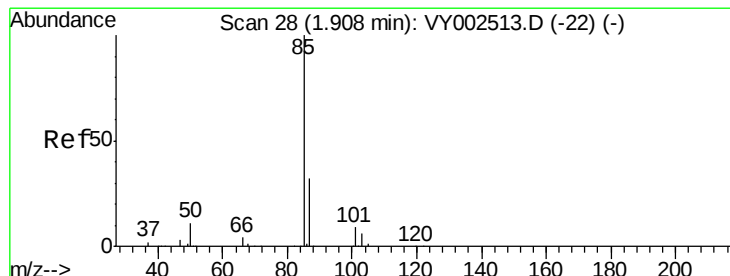
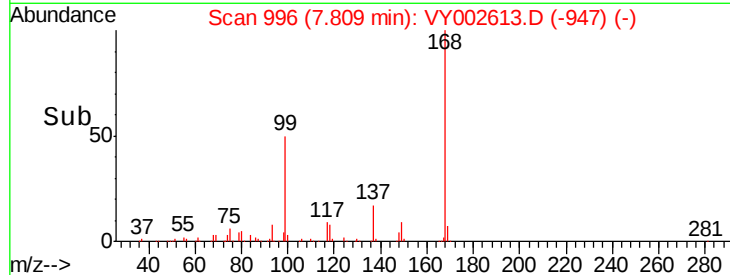
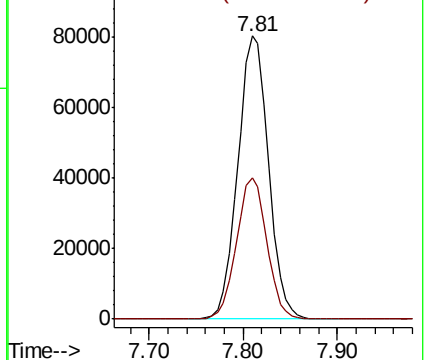
Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002613.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 1.824 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002613.D

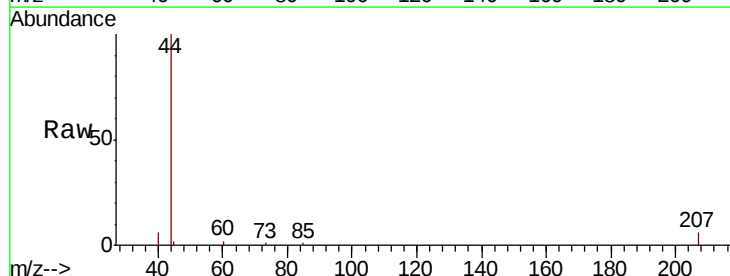
Acq: 06 May 2020 14:17

Tgt Ion: 85 Resp: 61

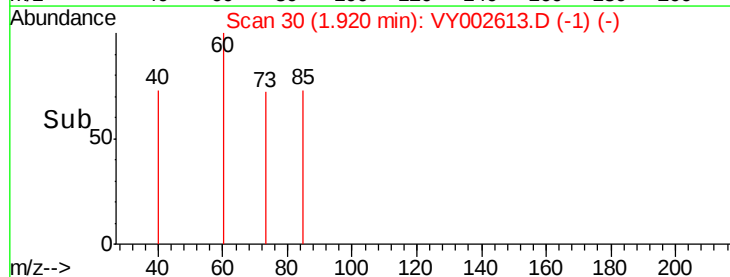
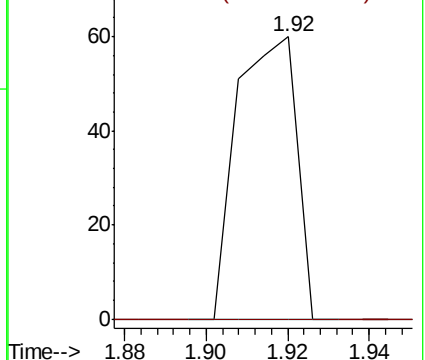
Ion Ratio Lower Upper

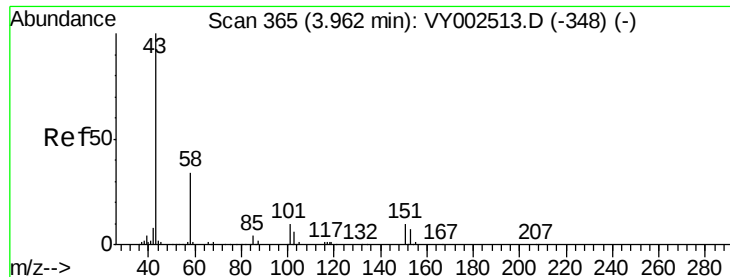
85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002613.D (-1) (-)

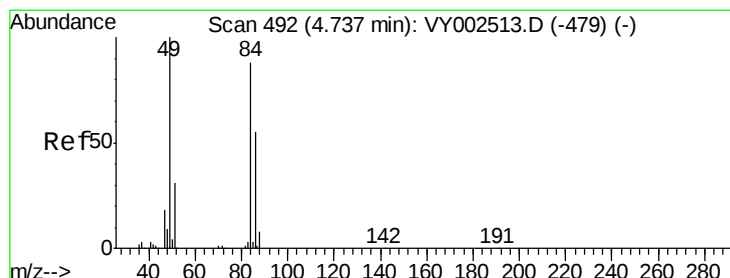
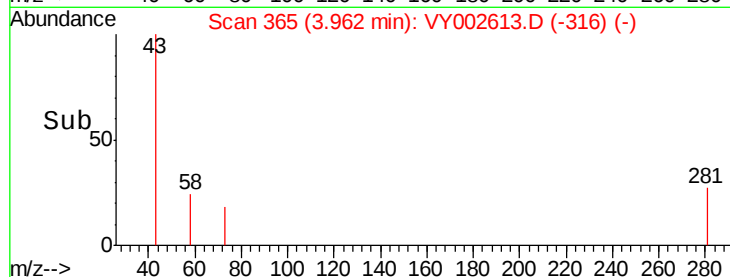
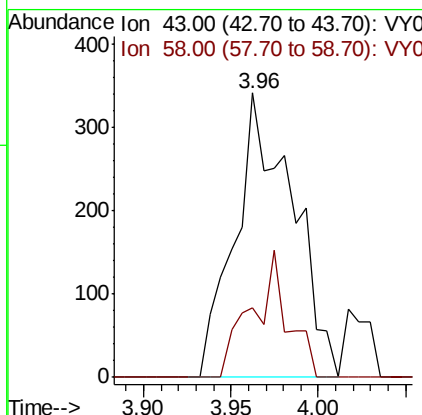
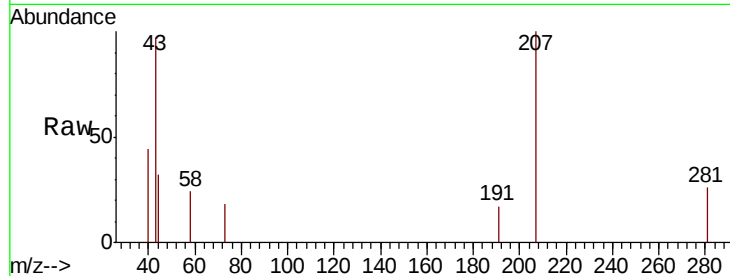




#16
Acetone
Concen: 2.467 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VY002613.D
Acq: 06 May 2020 14:17

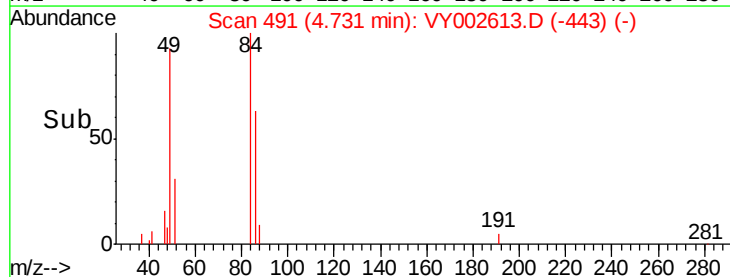
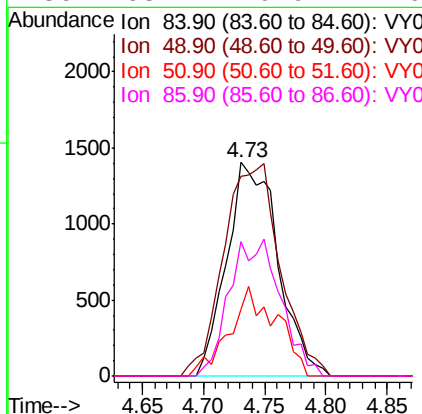
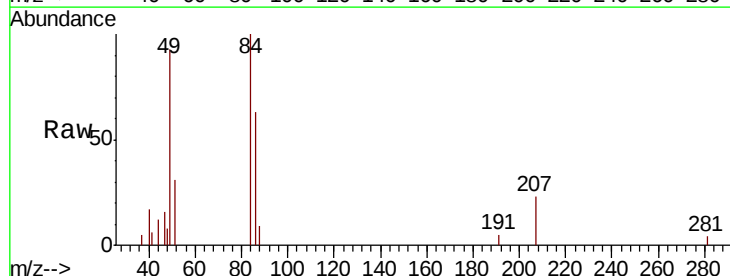
Instrument :
MSVOA_Y
ClientSampleId :

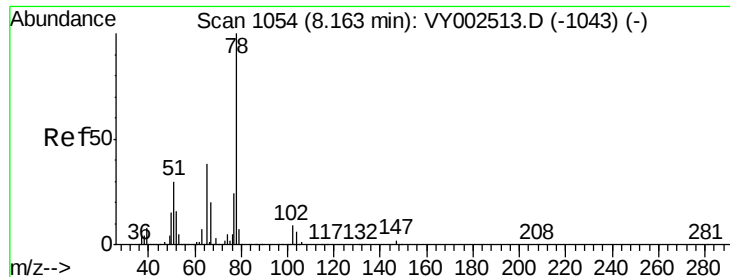
Tot Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 24.3 26.9 40.3#



#20
Methylene Chloride
Concen: 2.323 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002613.D
Acq: 06 May 2020 14:17

Tgt Ion: 84 Resp: 4102
Ion Ratio Lower Upper
84 100
49 93.4 90.5 135.7
51 31.5 28.3 42.5
86 63.1 49.9 74.9

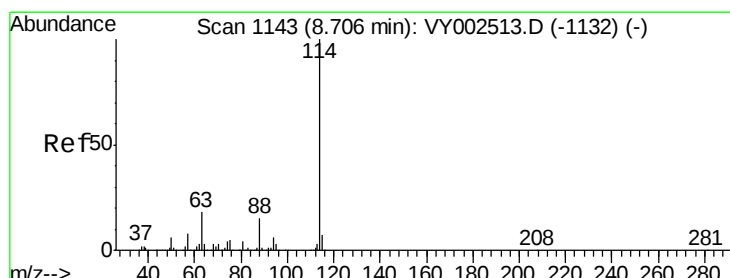
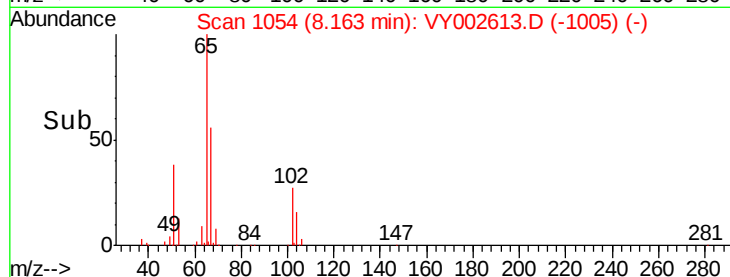
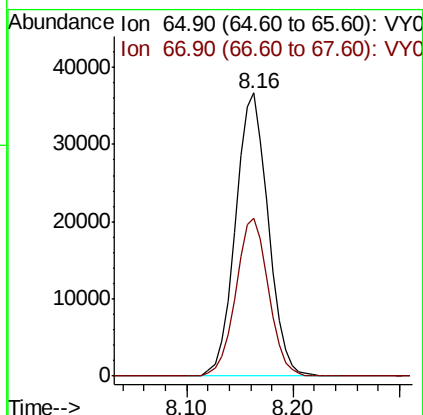
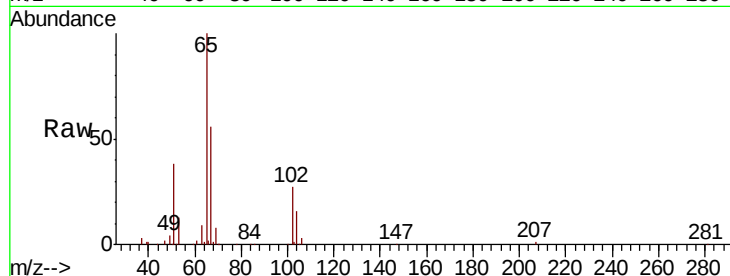




#33
 1,2-Dichloroethane-d4
 Concen: 51.599 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002613.D
 Acq: 06 May 2020 14:17

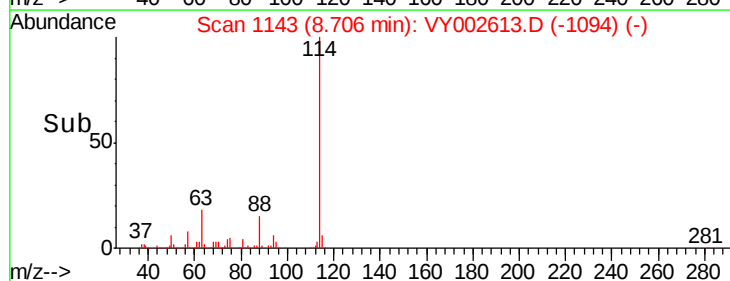
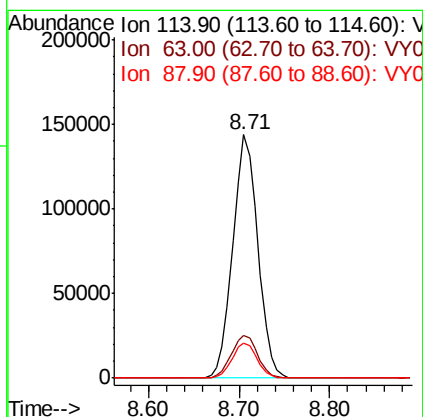
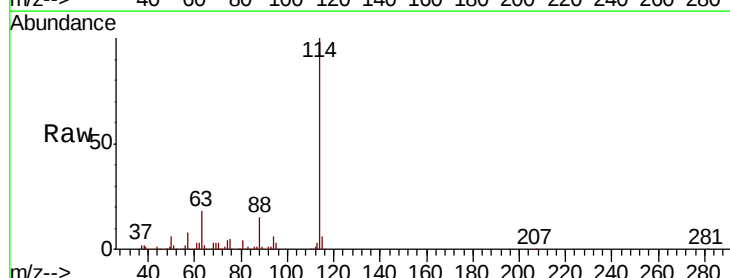
Instrument :
 MSVOA_Y
 ClientSampleId :

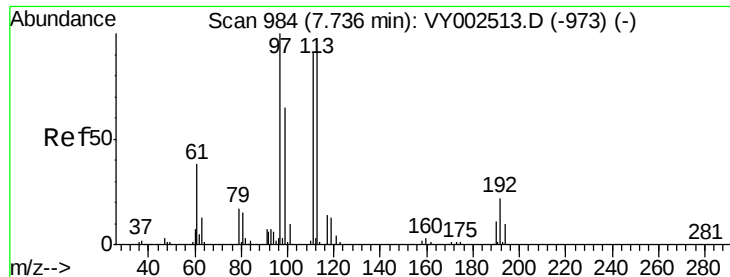
Tot Ion: 65 Resp: 78961
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002613.D
 Acq: 06 May 2020 14:17

Tgt Ion: 114 Resp: 275819
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.4
 88 14.6 0.0 29.6

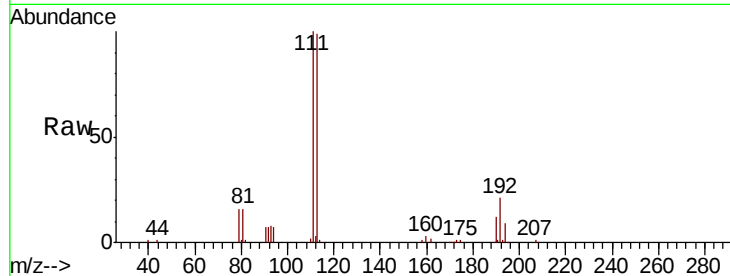




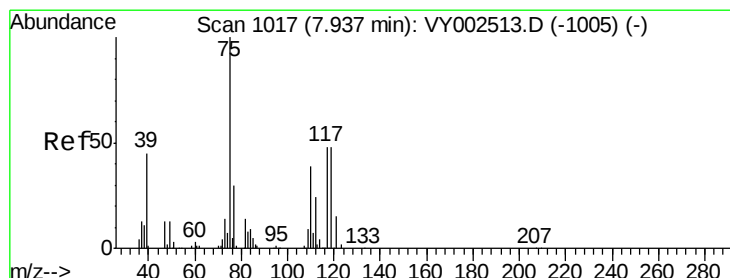
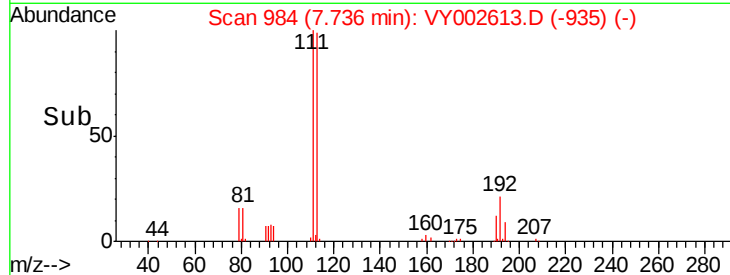
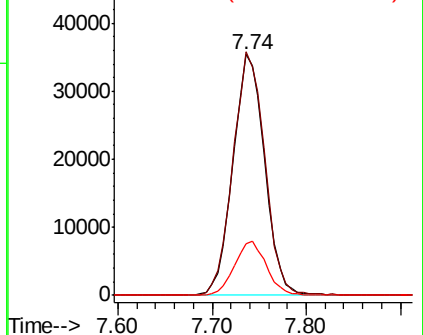
#35
 Dibromofluoromethane
 Concen: 52.665 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002613.D
 Acq: 06 May 2020 14:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 83075
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.8 122.6
 192 22.4 18.2 27.4

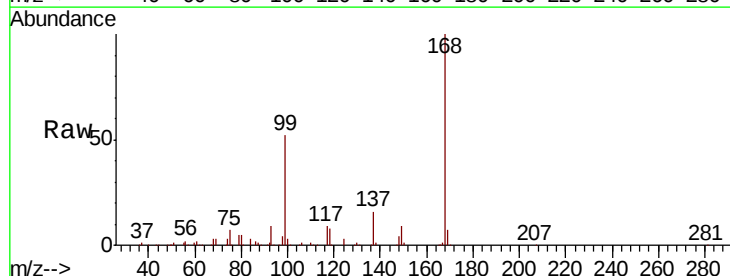


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

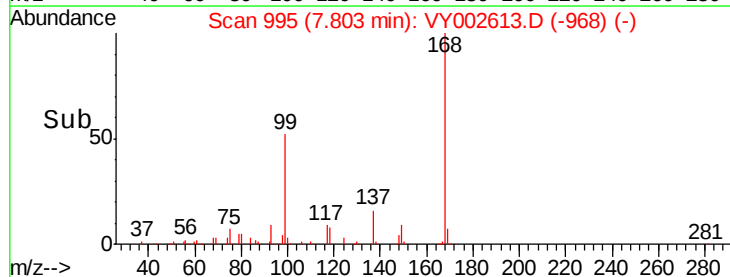
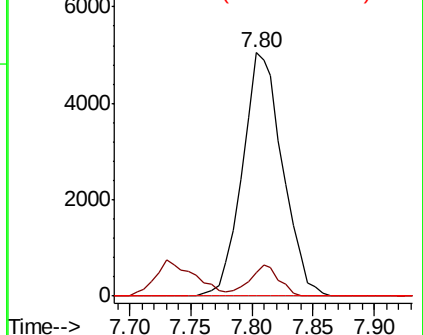


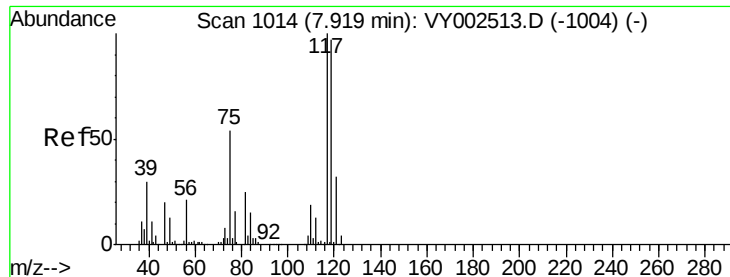
#36
 1,1-Dichloropropene
 Concen: 4.977 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002613.D
 Acq: 06 May 2020 14:17

Tgt Ion: 75 Resp: 11507
 Ion Ratio Lower Upper
 75 100
 110 9.4 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: 6.576 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002613.D

Acq: 06 May 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

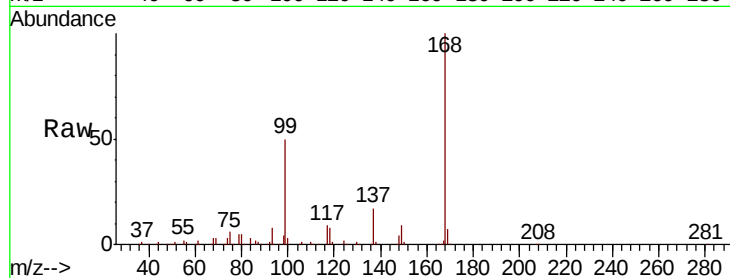
Tot Ion:117 Resp: 16601

Ion Ratio Lower Upper

117 100

119 6.1 77.1 115.7#

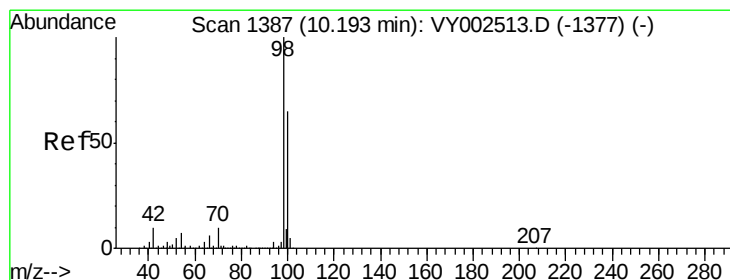
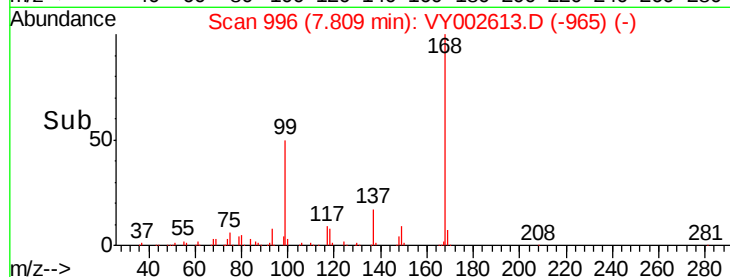
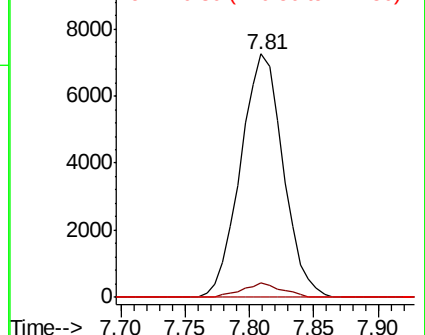
121 0.0 25.2 37.8#



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: 51.798 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002613.D

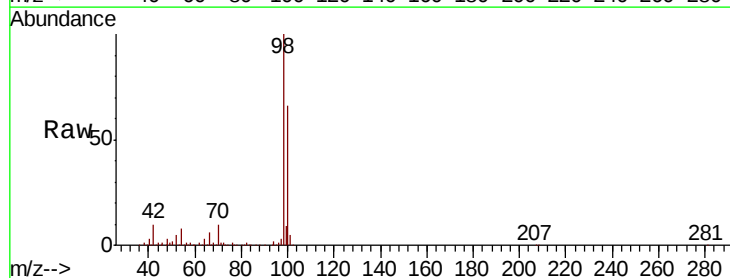
Acq: 06 May 2020 14:17

Tgt Ion: 98 Resp: 319076

Ion Ratio Lower Upper

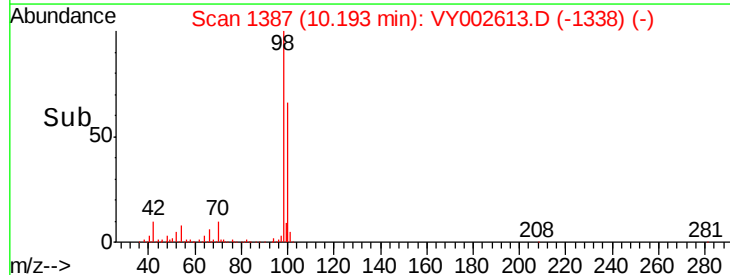
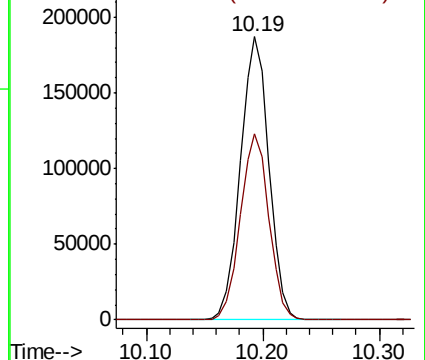
98 100

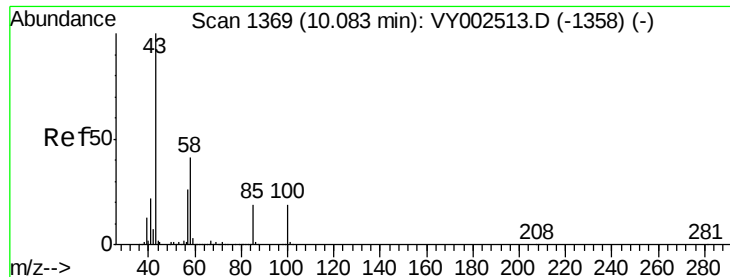
100 65.8 52.2 78.2



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: 1.216 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002613.D

Acq: 06 May 2020 14:17

Instrument :

MSVOA_Y

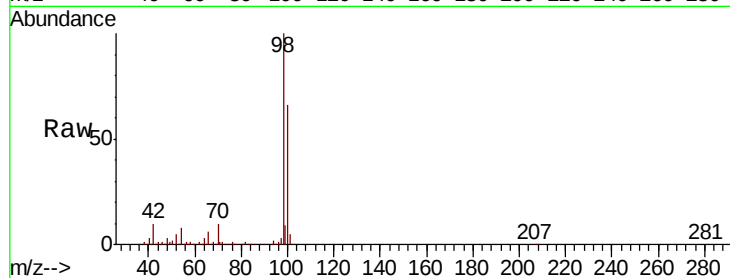
ClientSampleId :

Tot Ion: 43 Resp: 1396

Ion Ratio Lower Upper

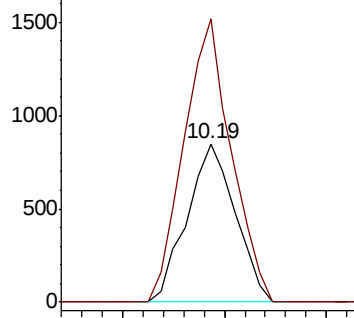
43 100

58 174.9 33.2 49.8#

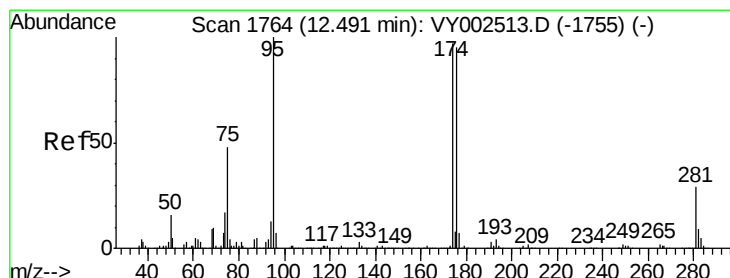
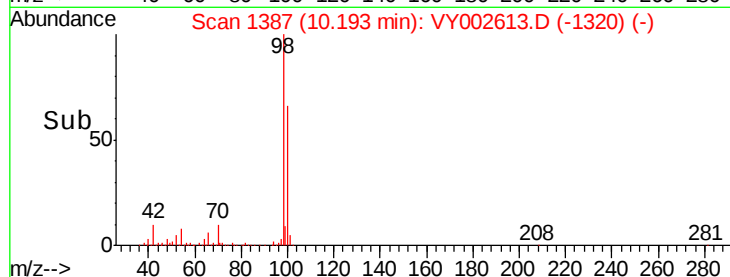


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 47.868 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002613.D

Acq: 06 May 2020 14:17

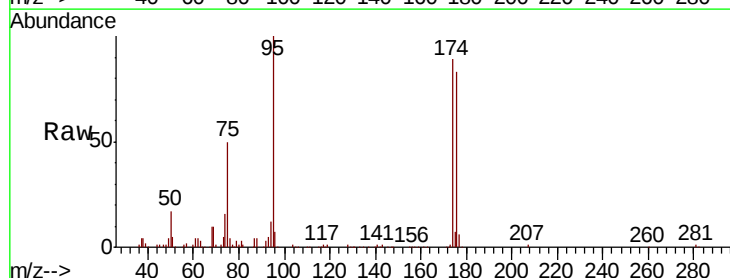
Tgt Ion: 95 Resp: 100057

Ion Ratio Lower Upper

95 100

174 93.3 0.0 188.8

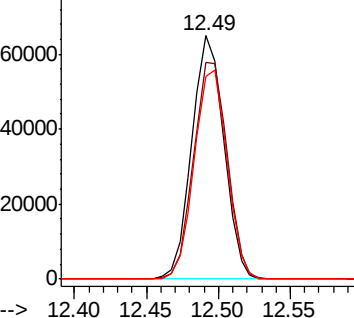
176 88.1 0.0 183.2



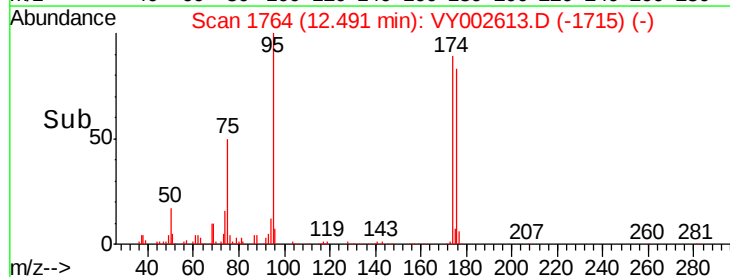
Abundance Ion 94.90 (94.60 to 95.60): VY0

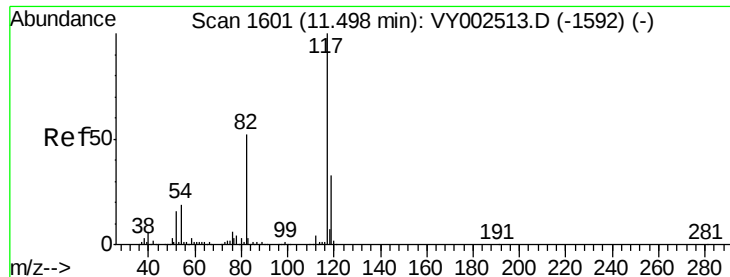
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

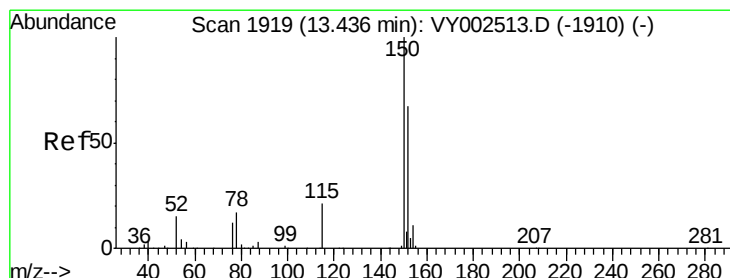
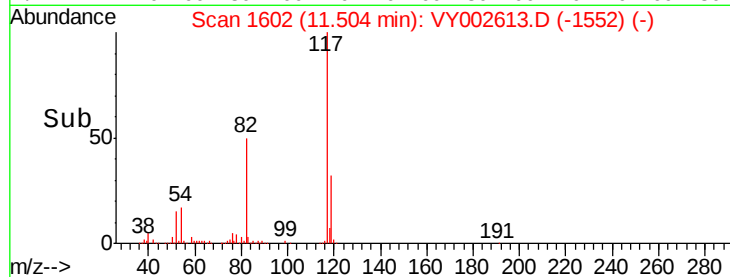
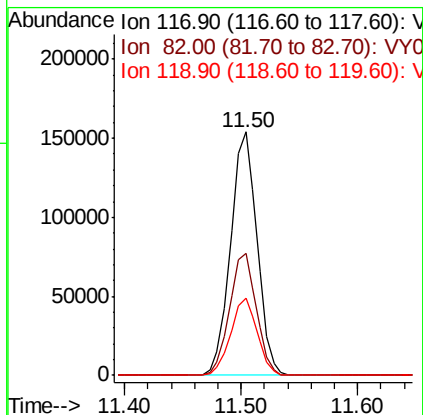
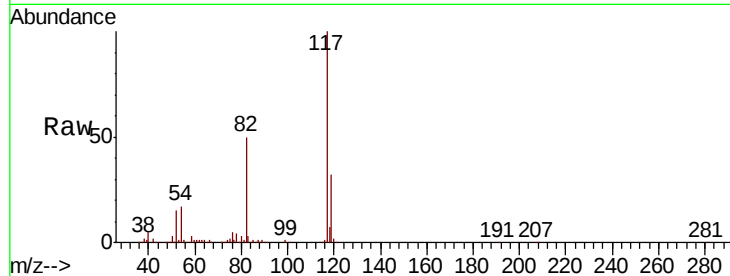




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002613.D
Acq: 06 May 2020 14:17

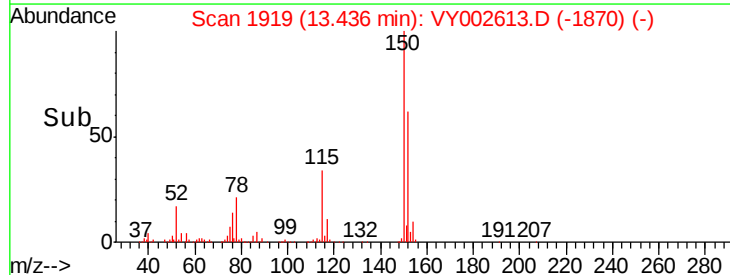
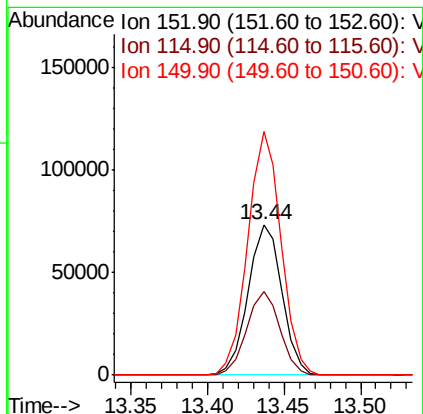
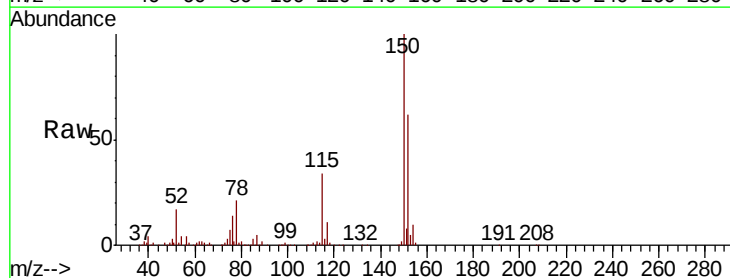
Instrument :
MSVOA_Y
ClientSampleId :

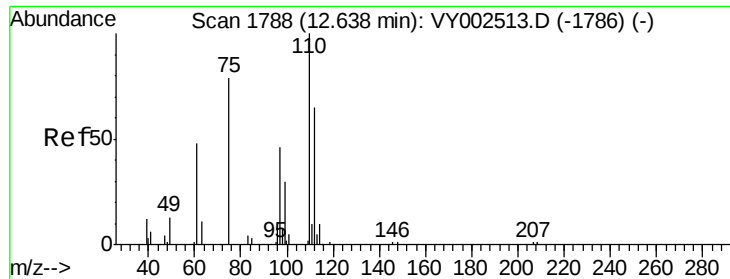
Tot Ion:117 Resp: 243637
Ion Ratio Lower Upper
117 100
82 50.2 41.3 61.9
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002613.D
Acq: 06 May 2020 14:17

Tgt Ion:152 Resp: 113376
Ion Ratio Lower Upper
152 100
115 54.6 27.5 82.4
150 158.8 0.0 346.4

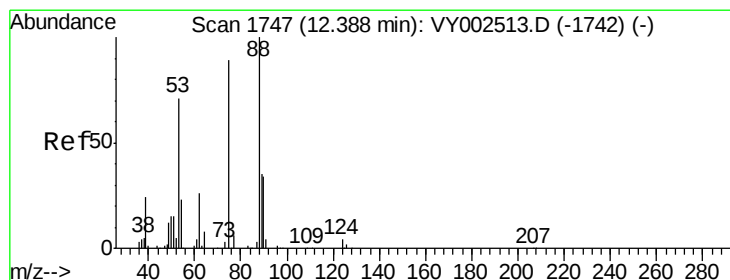
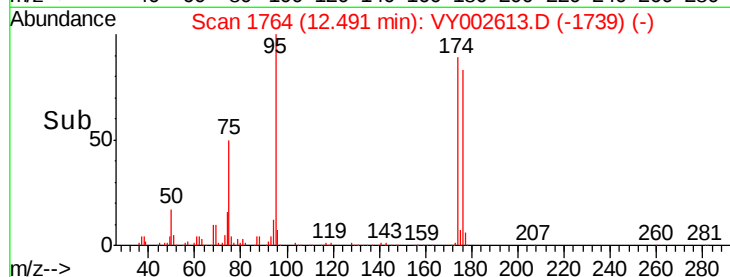
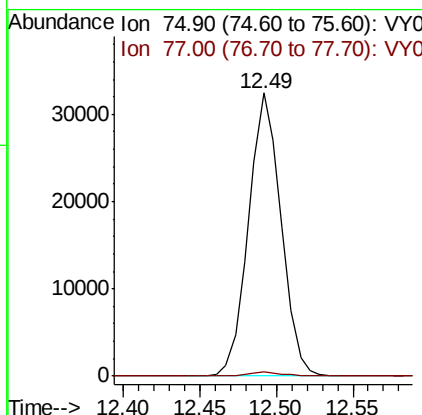
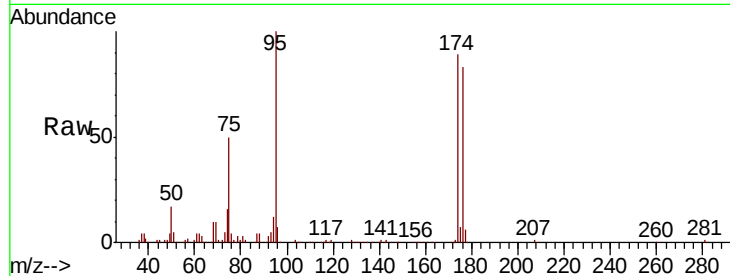




#76
 1,2,3-Trichloropropane
 Concen: 47.493 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002613.D
 Acq: 06 May 2020 14:17

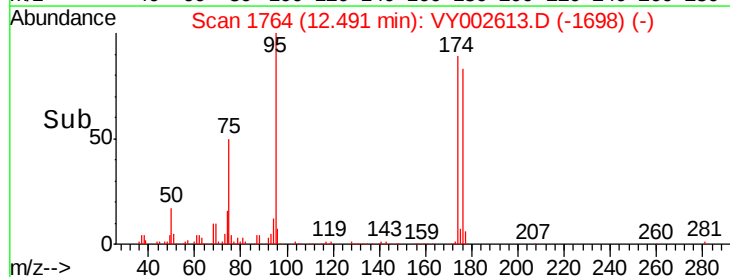
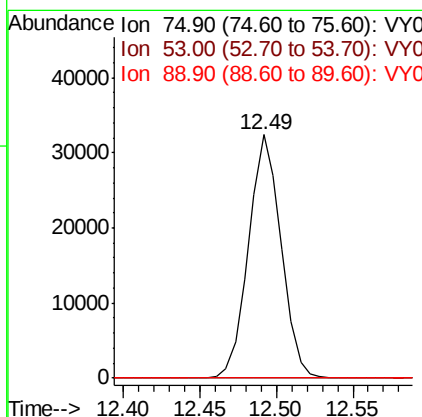
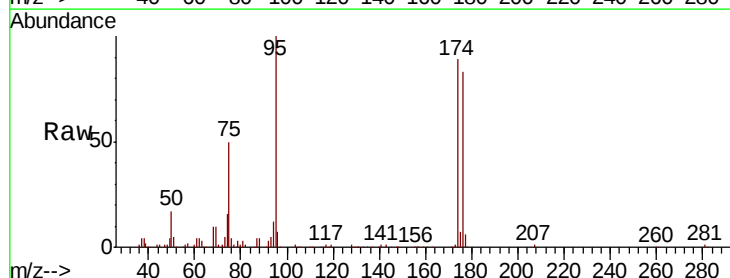
Instrument :
 MSVOA_Y
 ClientSampleId :

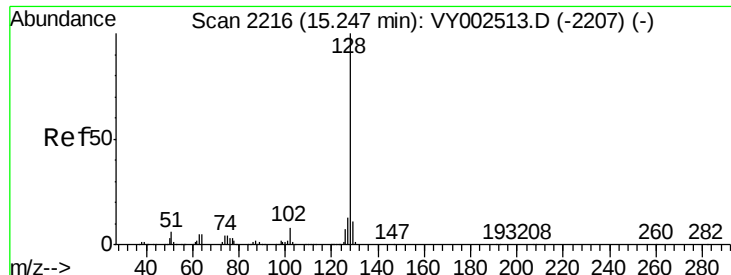
Tot Ion: 75 Resp: 47851
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.233 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002613.D
 Acq: 06 May 2020 14:17

Tgt Ion: 75 Resp: 47851
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 37.4 56.0#

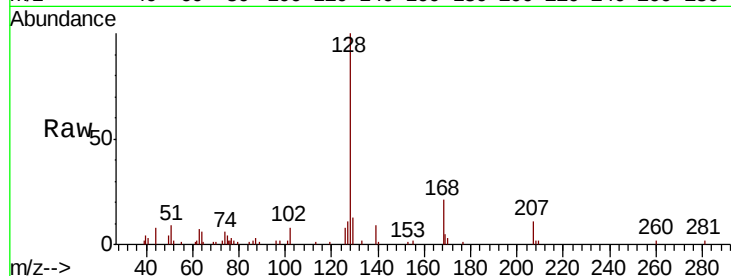




#95
Naphthalene
Concen: 3.045 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002613.D
Acq: 06 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.5	15.7
129	13.1	8.8	13.2



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

