

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003088.D
 Acq On : 02 Jul 2020 16:23
 Operator : SY/MD
 Sample : L3172-18
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-TS

Quant Time: Jul 03 02:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	279372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	456509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	442649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228918	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	158566	57.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.30%	
35) Dibromofluoromethane	7.72	113	153297	53.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.66%	
50) Toluene-d8	10.18	98	553775	52.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.48	95	200601	53.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.44%	

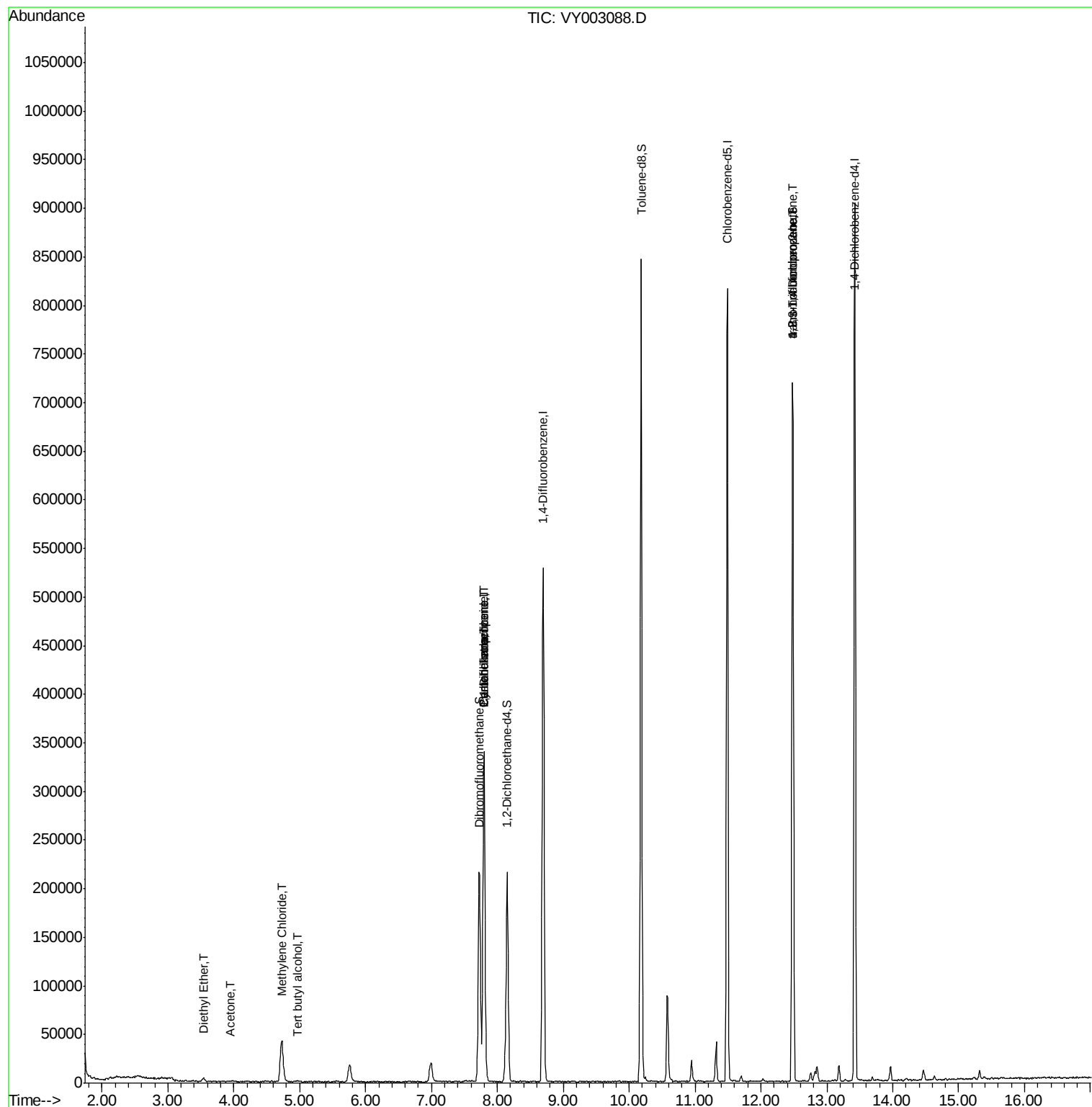
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	2050	1.402	ug/l	97
11) Tert butyl alcohol	4.97	59	388	1.372	ug/l #	73
16) Acetone	3.95	43	1942	2.968	ug/l #	78
20) Methylene Chloride	4.73	84	31663	4.499	ug/l	96
31) Cyclohexane	7.80	56	5765	1.181	ug/l #	8
36) 1,1-Dichloropropene	7.80	75	20738	4.716	ug/l #	50
38) Carbon Tetrachloride	7.80	117	25096	5.485	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	101918	44.985	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	101918	87.523	ug/l #	12

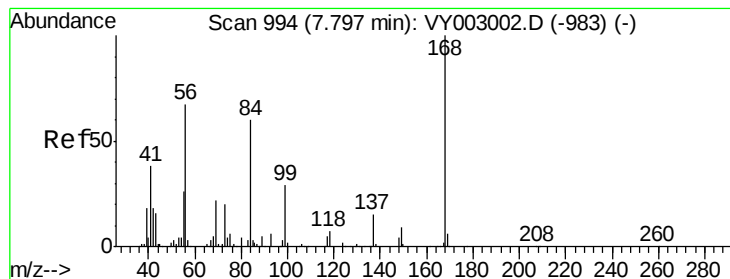
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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Quant Time: Jul 03 02:38:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
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: VY003088.D

Acq: 02 Jul 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

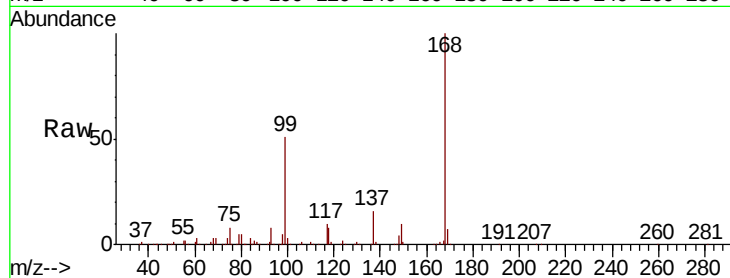
TP2-TS

Tot Ion:168 Resp: 279372

Ion Ratio Lower Upper

168 100

99 51.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003088.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003088.D (-945) (-)

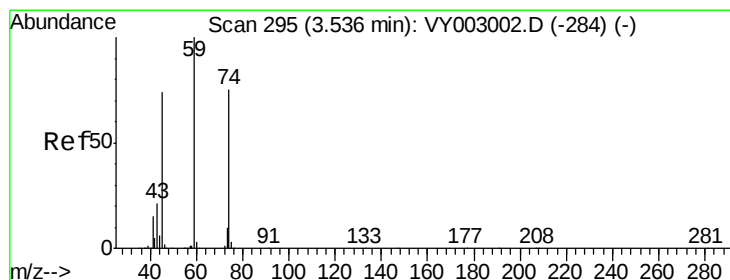
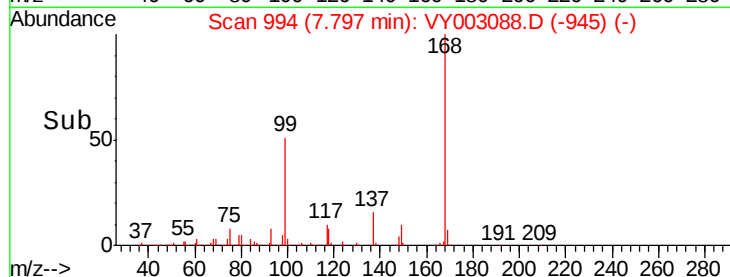
7.80

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.402 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003088.D

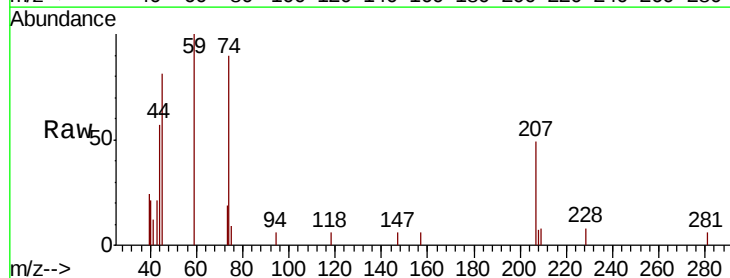
Acq: 02 Jul 2020 16:23

Tgt Ion: 74 Resp: 2050

Ion Ratio Lower Upper

74 100

45 101.5 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003088.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003088.D (-246) (-)

3.54

1000

800

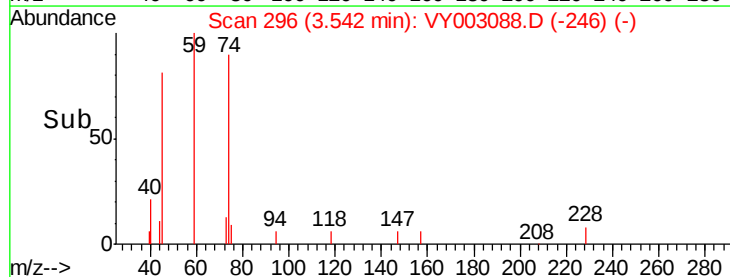
600

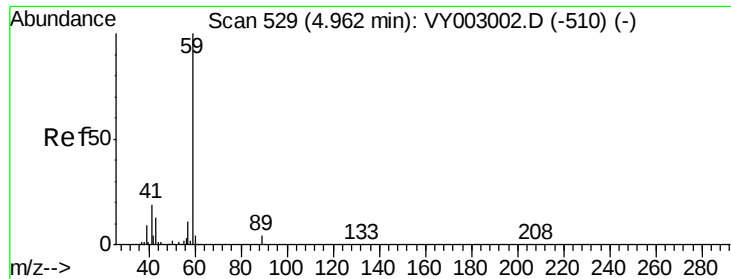
400

200

0

Time-->

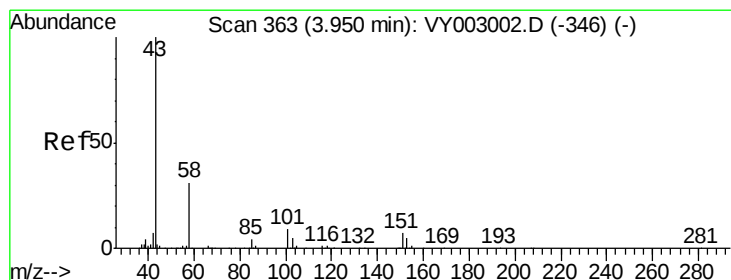
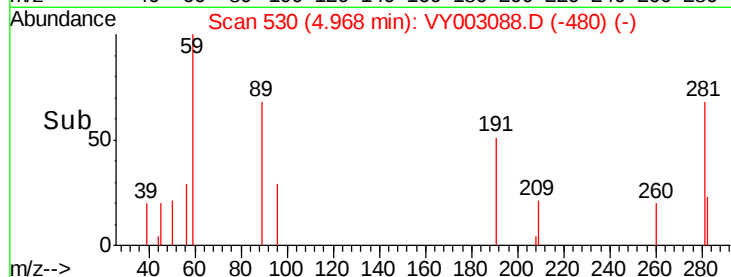
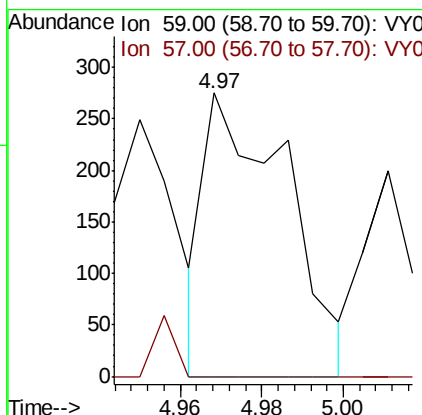
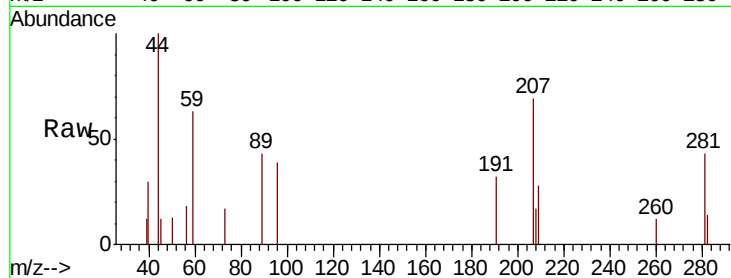




#11
Tert butyl alcohol
Concen: 1.372 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

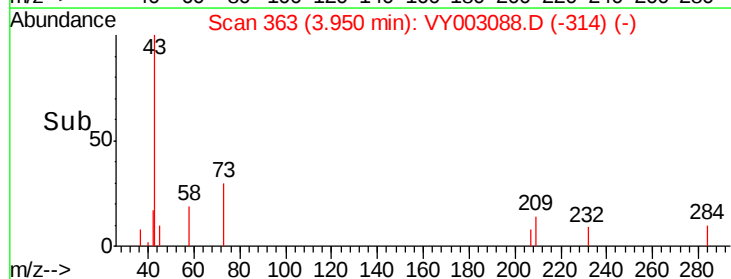
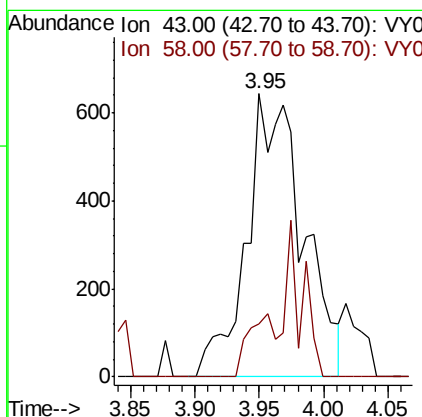
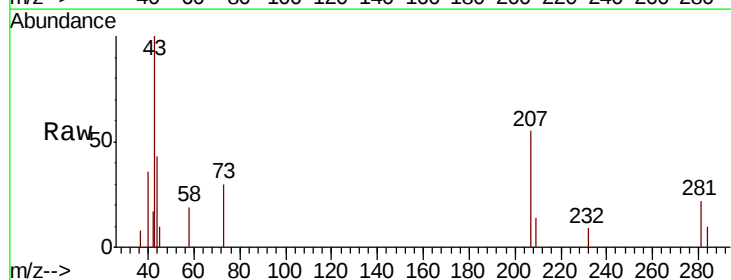
Instrument :
MSVOA_Y
ClientSampled :
TP2-TS

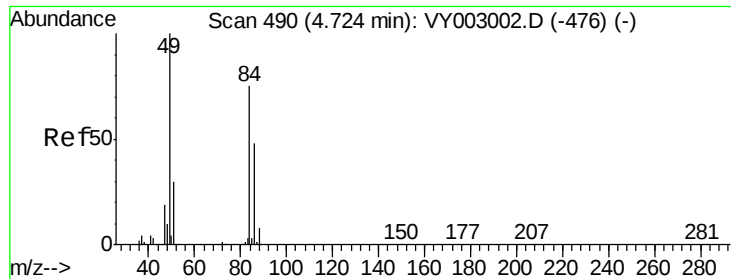
Tot Ion: 59 Resp: 388
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 2.968 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.00 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

Tgt Ion: 43 Resp: 1942
Ion Ratio Lower Upper
43 100
58 18.8 24.7 37.1#

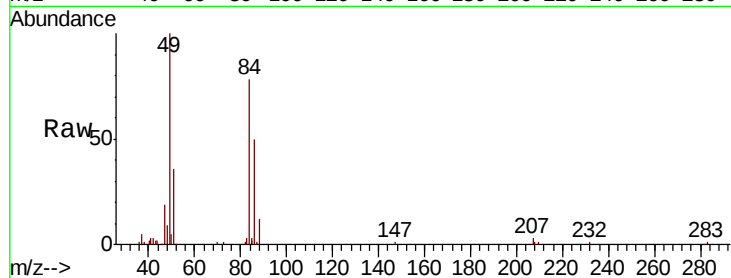




#20
Methvlene Chloride
Concen: 4.499 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
TP2-TS

Tot Ion:	84	Resp:	31663
Ion	Ratio	Lower	Upper
84	100		
49	128.2	106.8	160.2
51	46.2	32.0	48.0
86	64.4	51.4	77.2



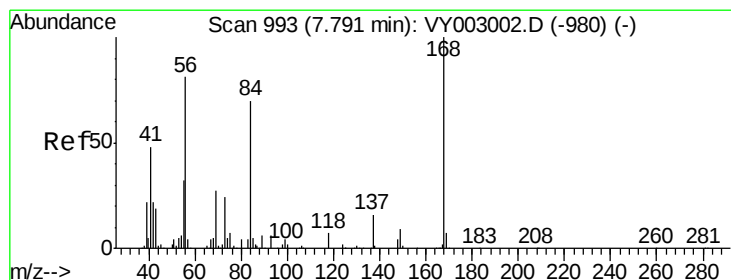
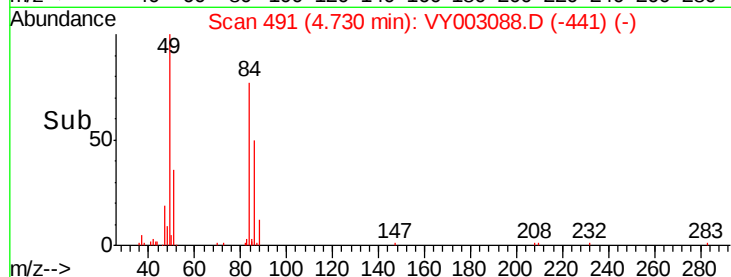
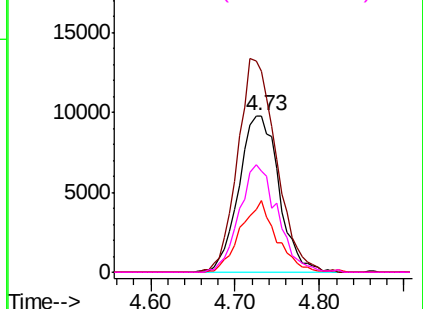
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

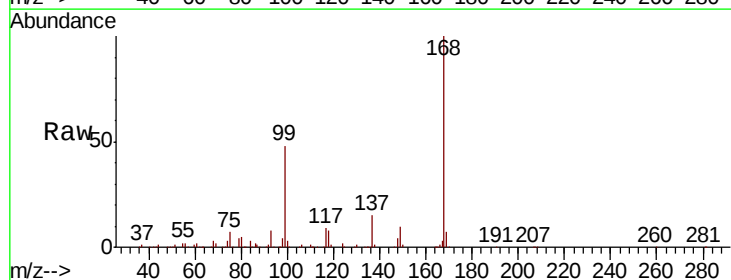
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

Tgt Ion:	56	Resp:	5765
Ion	Ratio	Lower	Upper
56	100		
69	125.6	27.0	40.4#
84	143.8	68.1	102.1#

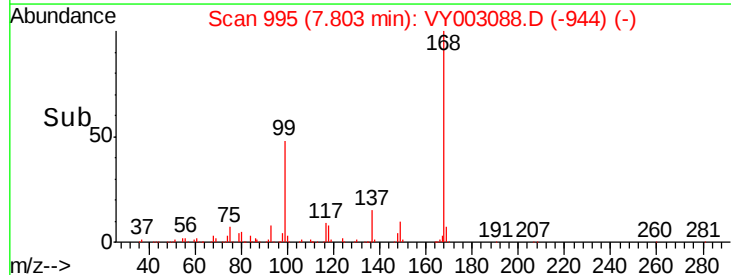
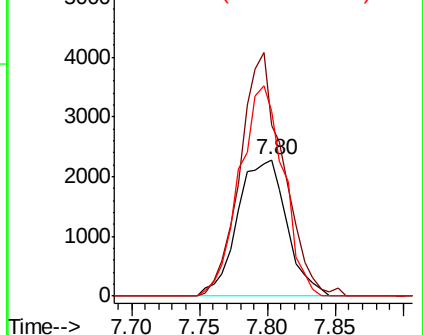


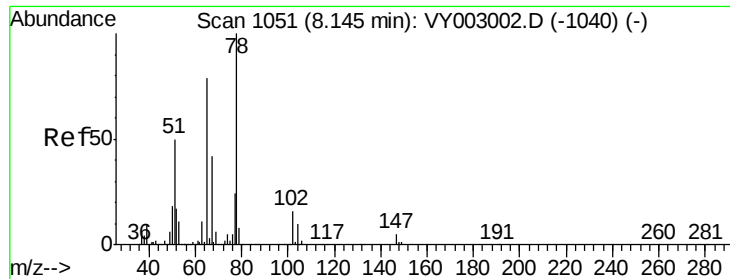
Abundance

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

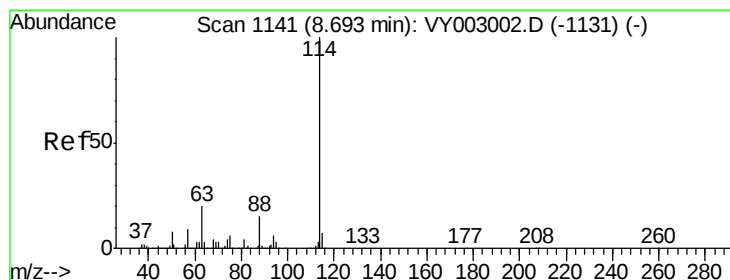
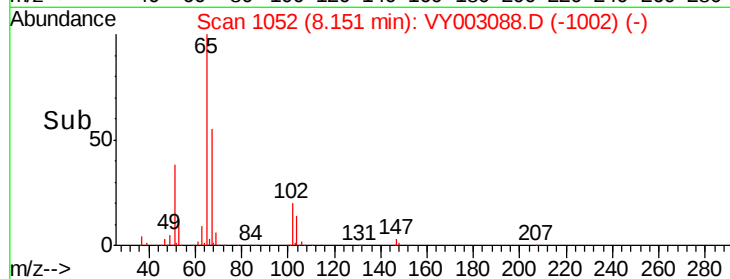
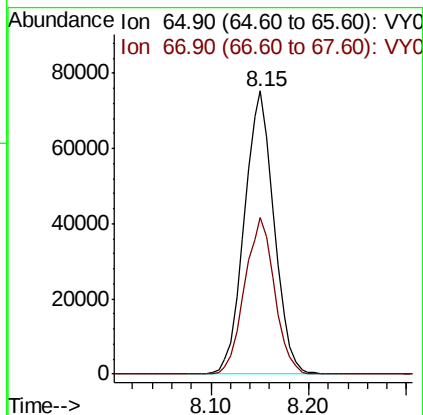
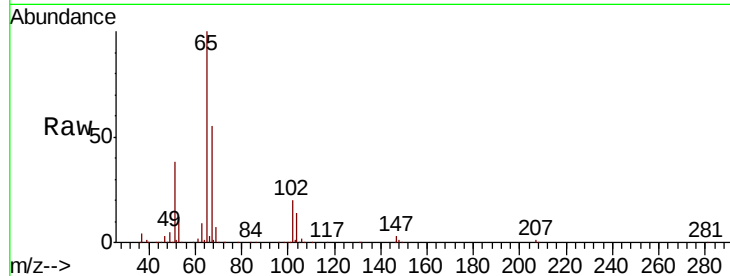




#33
 1,2-Dichloroethane-d4
 Concen: 57.147 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003088.D
 Acq: 02 Jul 2020 16:23

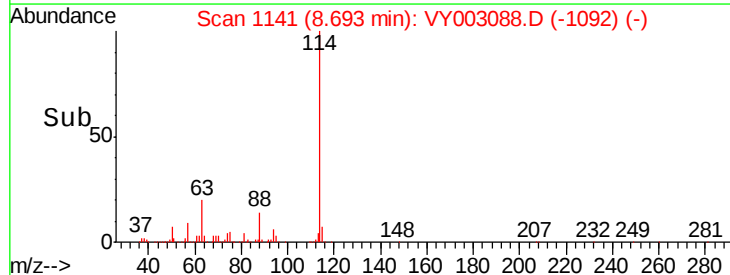
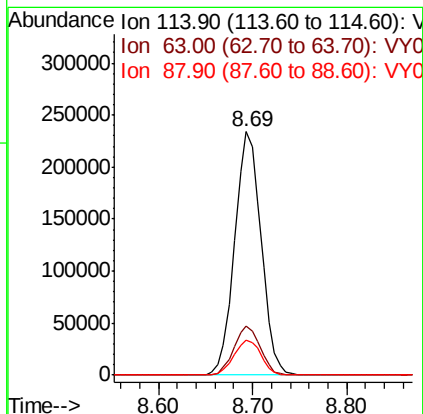
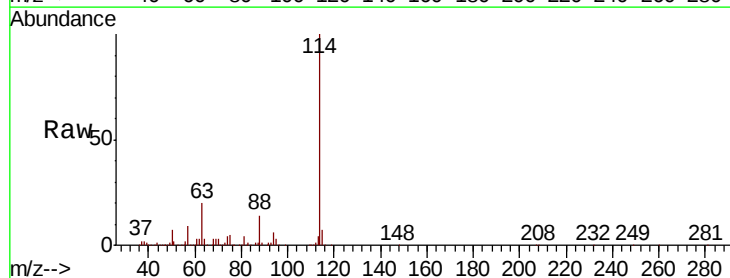
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-TS

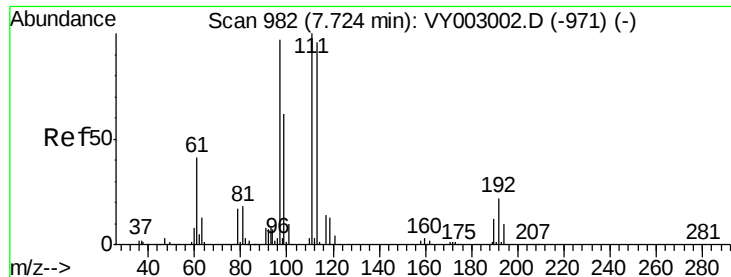
Tot Ion: 65 Resp: 158566
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003088.D
 Acq: 02 Jul 2020 16:23

Tgt Ion: 114 Resp: 456509
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 14.3 0.0 30.0

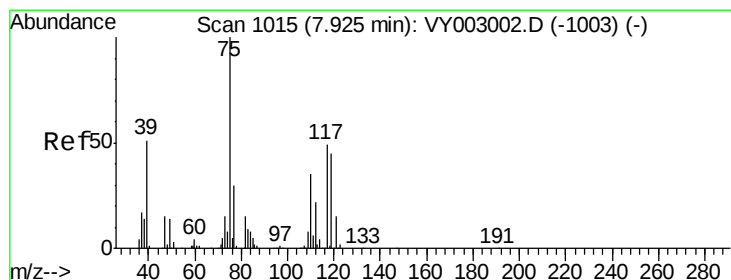
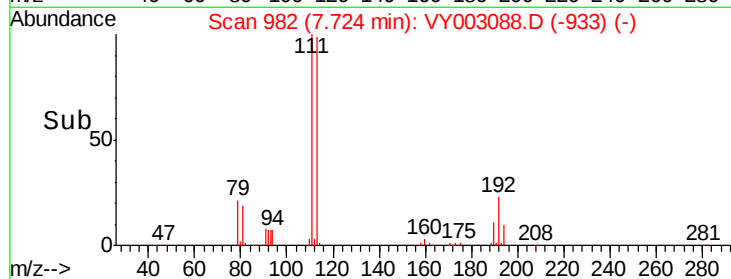
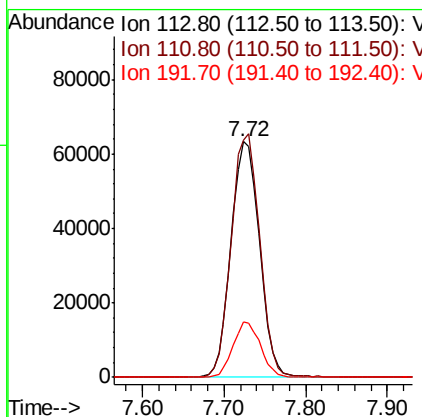
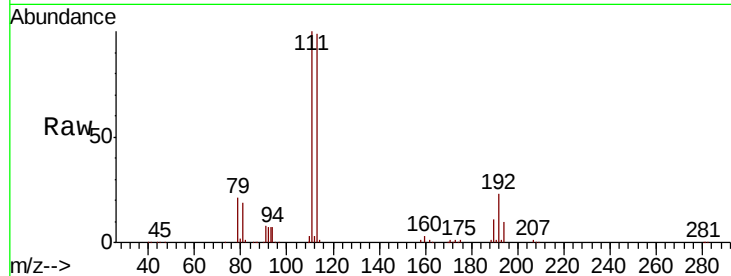




#35
 Dibromofluoromethane
 Concen: 53.830 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003088.D
 Acq: 02 Jul 2020 16:23

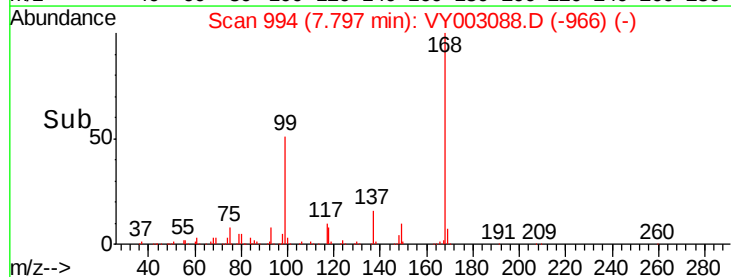
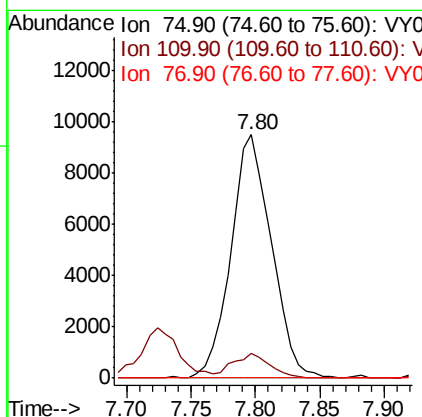
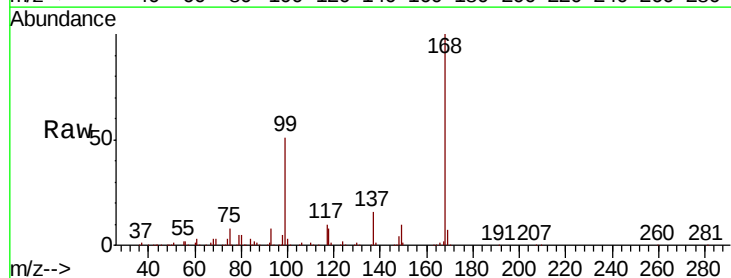
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-TS

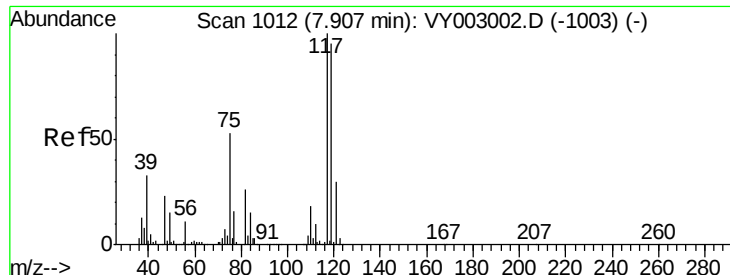
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.4	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.716 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003088.D
 Acq: 02 Jul 2020 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.1	51.2#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.485 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003088.D

Acq: 02 Jul 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

TP2-TS

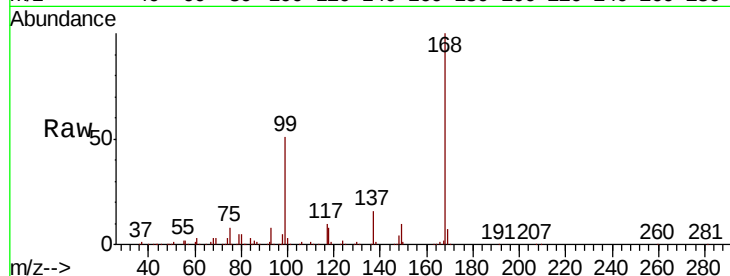
Tot Ion:117 Resp: 25096

Ion Ratio Lower Upper

117 100

119 7.7 75.7 113.5#

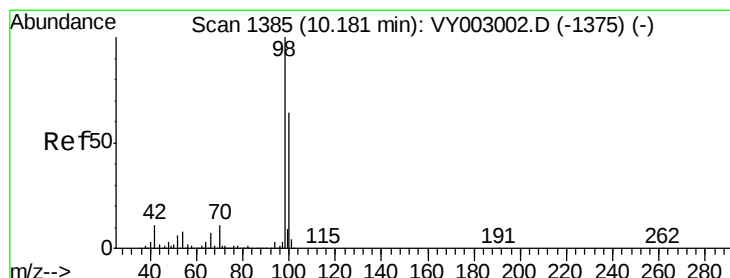
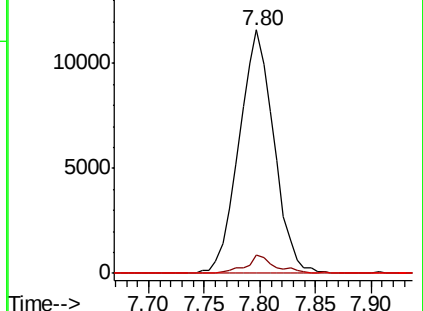
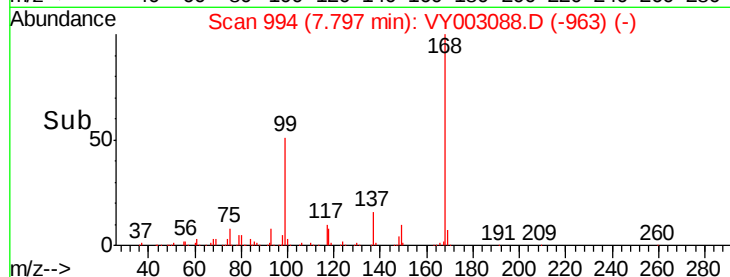
121 0.0 23.9 35.9#



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: 52.197 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003088.D

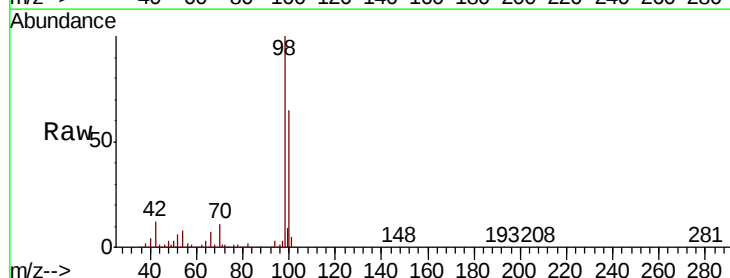
Acq: 02 Jul 2020 16:23

Tgt Ion: 98 Resp: 553775

Ion Ratio Lower Upper

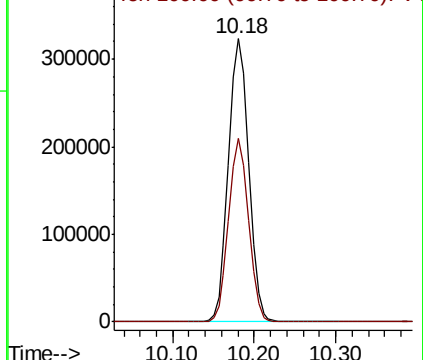
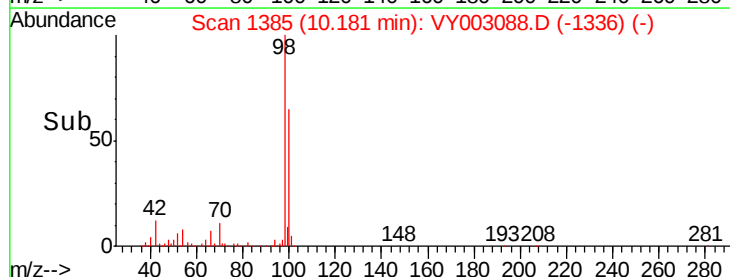
98 100

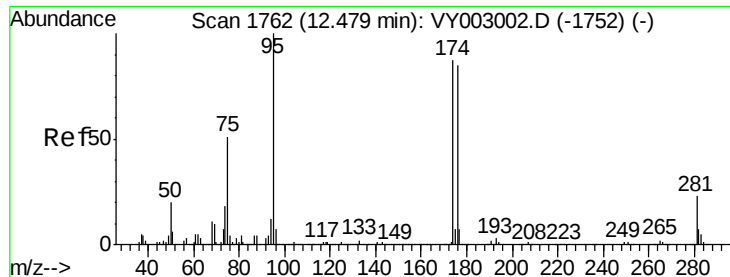
100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

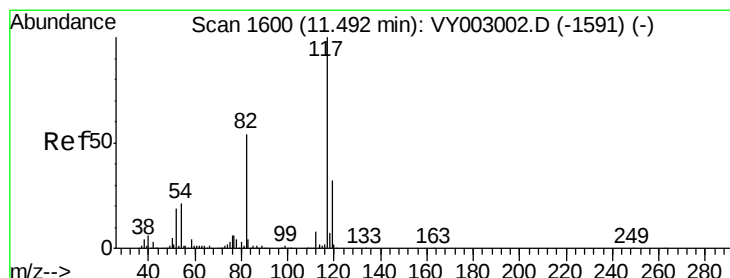
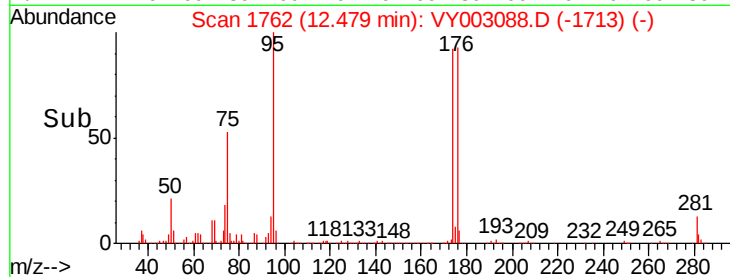
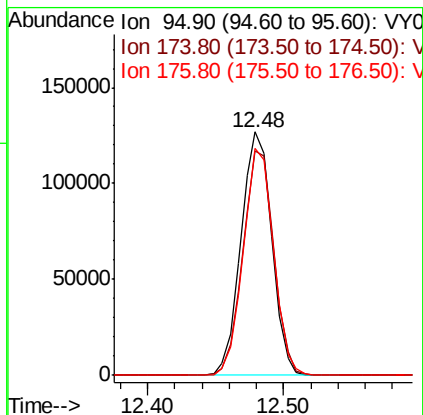
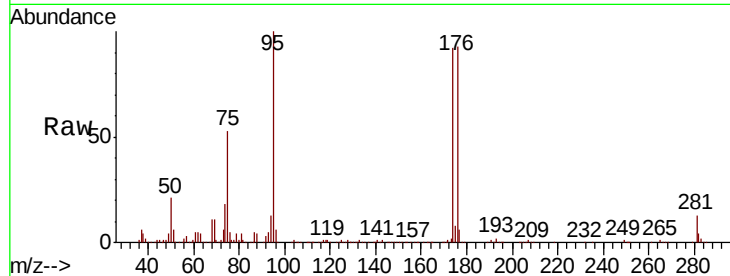




#62
4-Bromofluorobenzene
Concen: 53.716 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

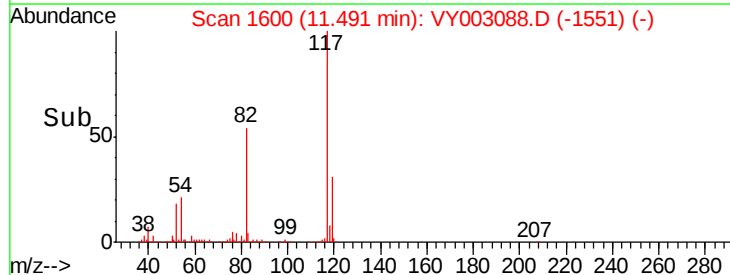
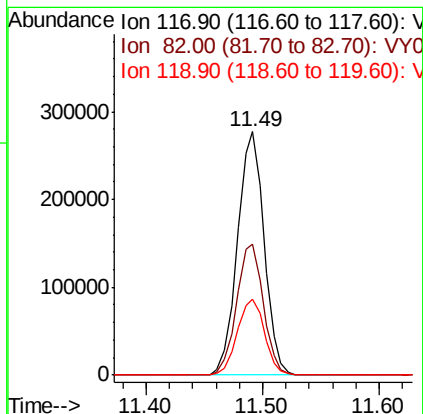
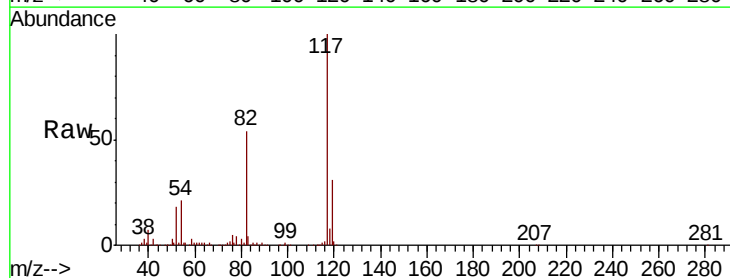
Instrument :
MSVOA_Y
ClientSampleId :
TP2-TS

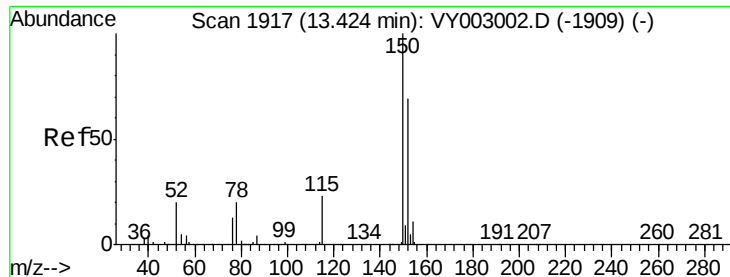
Tot Ion: 95 Resp: 200601
Ion Ratio Lower Upper
95 100
174 93.0 0.0 184.8
176 91.7 0.0 183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

Tgt Ion: 117 Resp: 442649
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.6
119 31.2 25.8 38.8



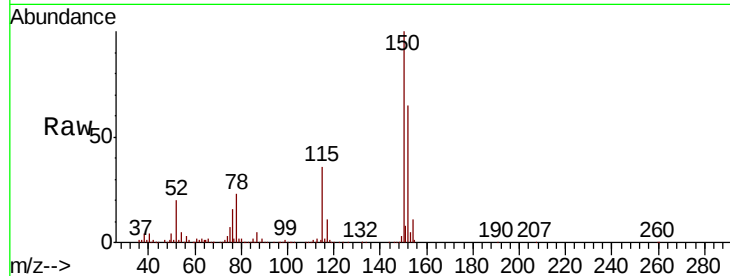


#72

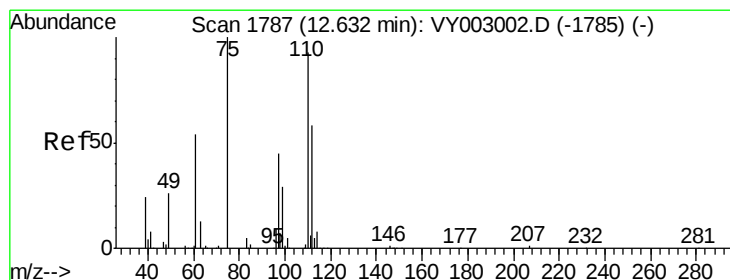
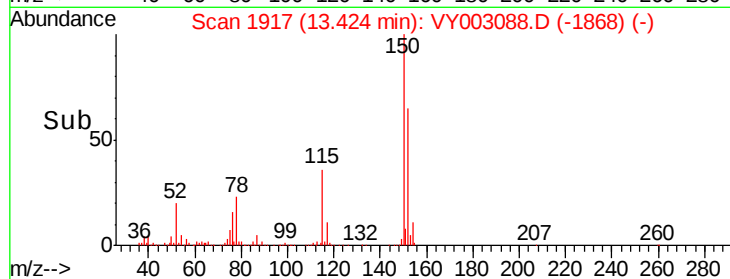
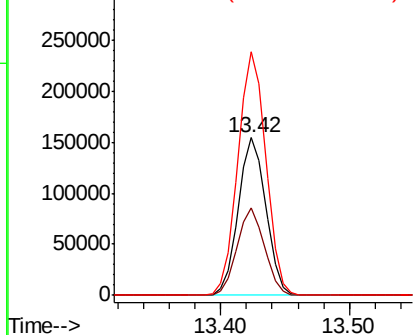
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
TP2-TS

Tot Ion:152 Resp: 228918
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 156.5 0.0 343.4



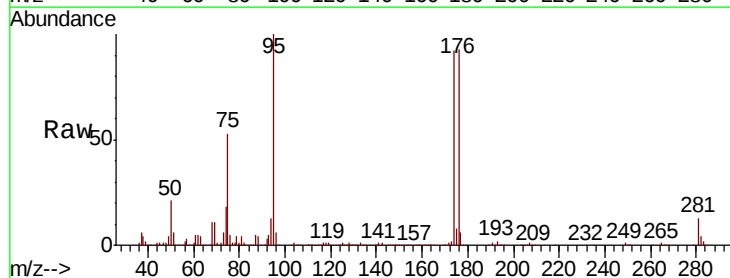
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



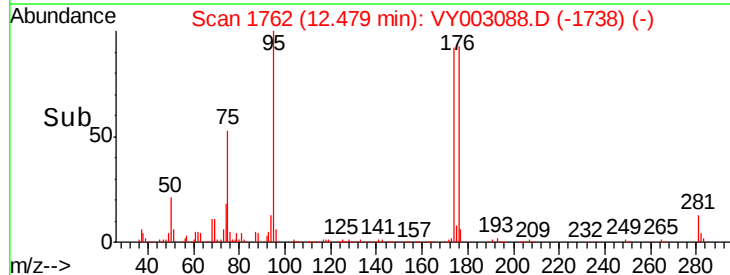
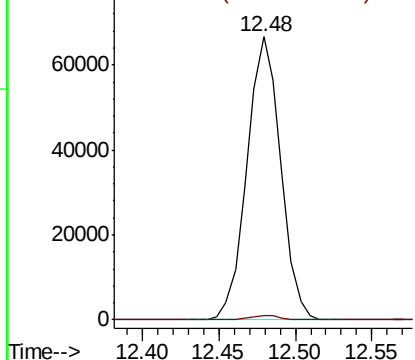
#76

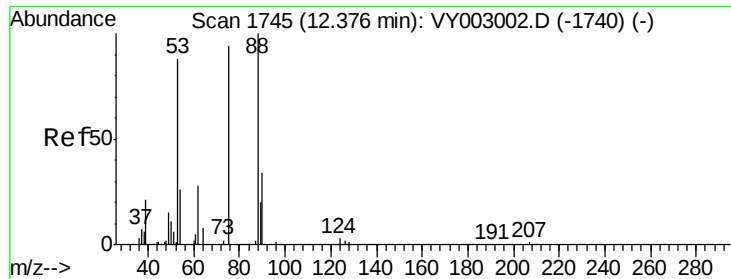
1,2,3-Trichloropropane
Concen: 44.985 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003088.D
Acq: 02 Jul 2020 16:23

Tgt Ion: 75 Resp: 101918
Ion Ratio Lower Upper
75 100
77 1.4 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: 87.523 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003088.D

Acq: 02 Jul 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

TP2-TS

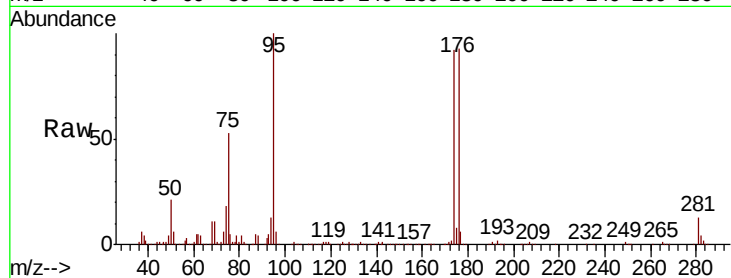
Tot Ion: 75 Resp: 101918

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.2 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

