

Data File : VY001942.D
Acq On : 11 Mar 2020 14:54
Operator : SY/MD
Sample : L1893-05
Misc : 7.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2(2-3)

Quant Time: Mar 12 01:56:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	134275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	260715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	237617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101911	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84988	59.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	118.58%	
35) Dibromofluoromethane	7.74	113	78038	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.19	98	319191	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.49	95	105529	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

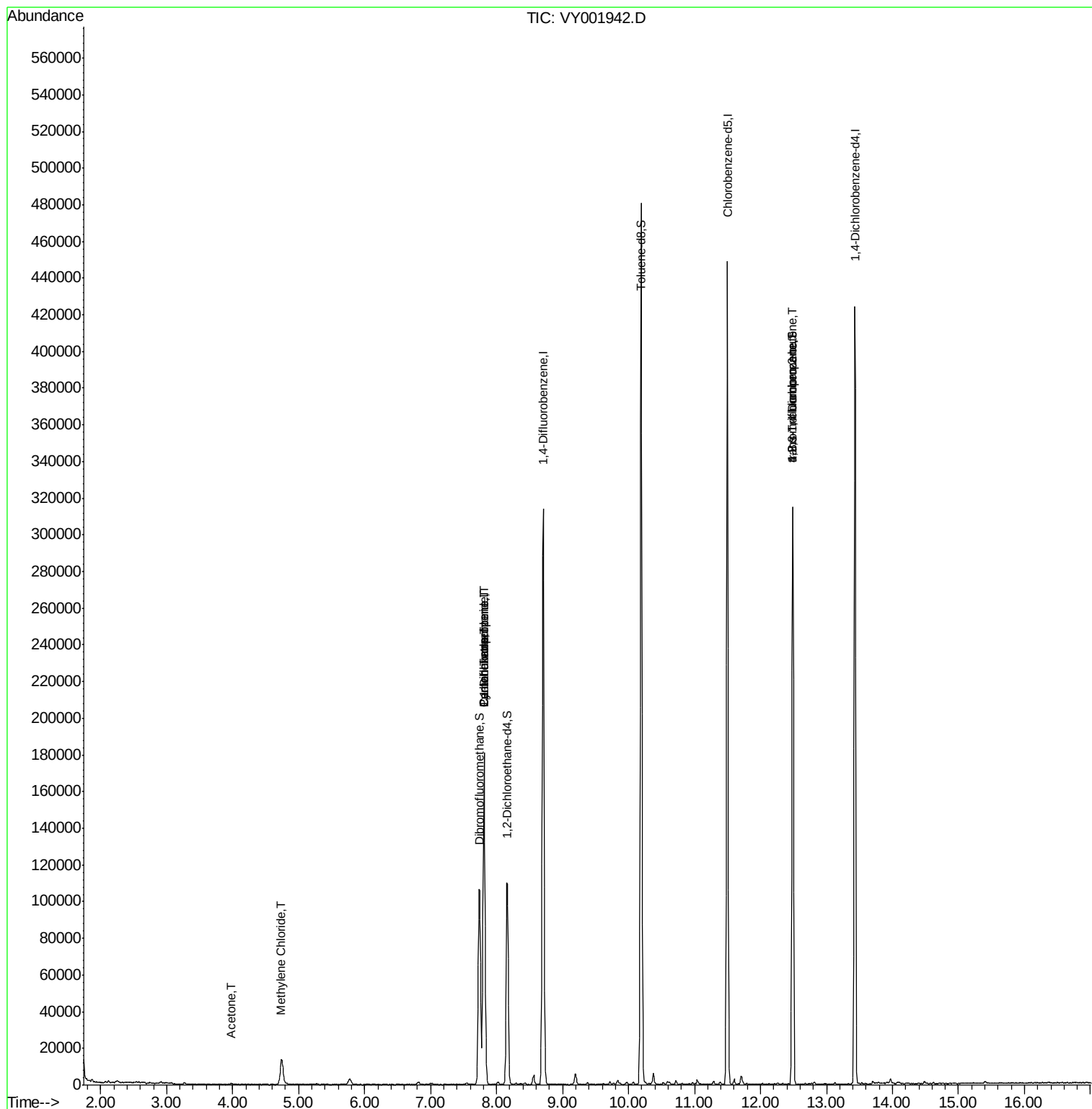
Target Compounds			Qvalue			
5) Bromomethane	2.55	94	52	Below Cal	#	4
11) Tert butyl alcohol	4.96	59	49	Below Cal	#	74
16) Acetone	3.97	43	1442	3.454	ug/l #	63
20) Methylene Chloride	4.74	84	10215	5.709	ug/l	94
31) Cyclohexane	7.80	56	4083	1.296	ug/l #	6
36) 1,1-Dichloropropene	7.81	75	11645	4.642	ug/l #	51
38) Carbon Tetrachloride	7.81	117	13743	6.412	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	53357	44.124	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	53357	89.129	ug/l #	17

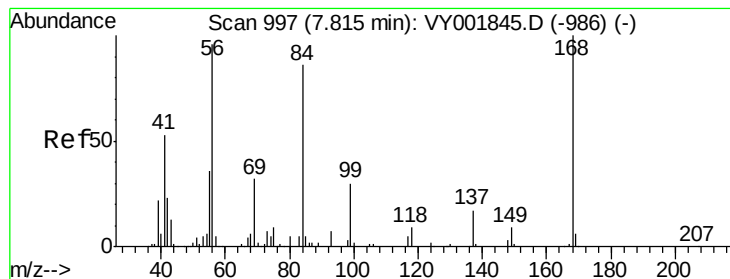
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

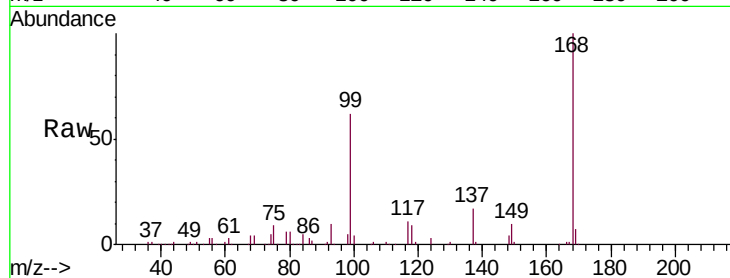
TP-2(2-3)

Tgt Ion:168 Resp: 134275

Ion Ratio Lower Upper

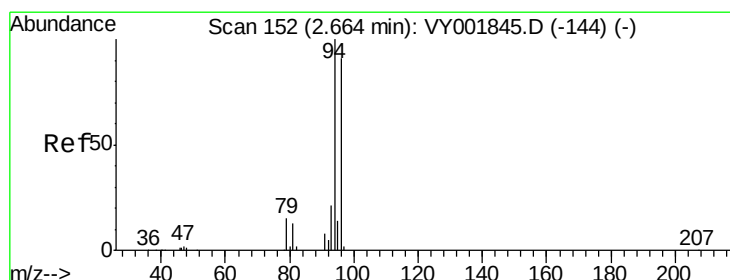
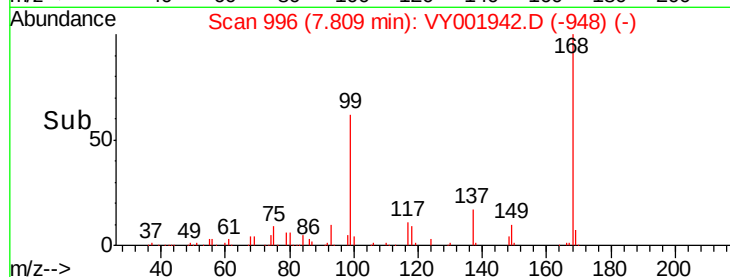
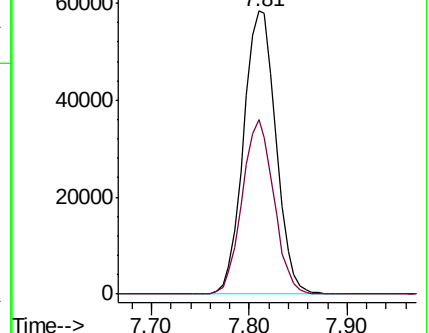
168 100

99 61.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 134

Delta R.T. -0.11 min

Lab File: VY001942.D

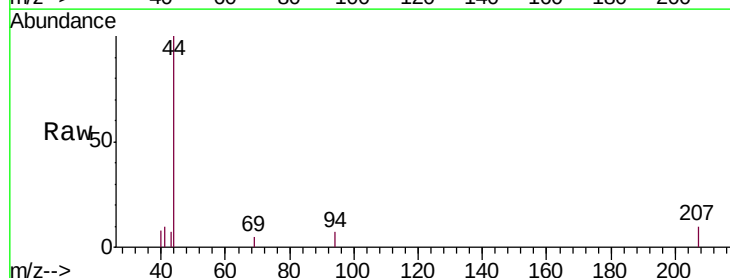
Acq: 11 Mar 2020 14:54

Tgt Ion: 94 Resp: 52

Ion Ratio Lower Upper

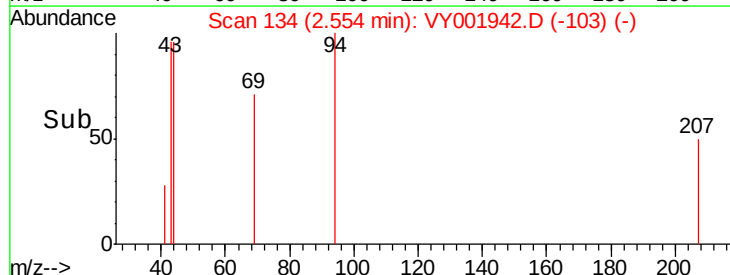
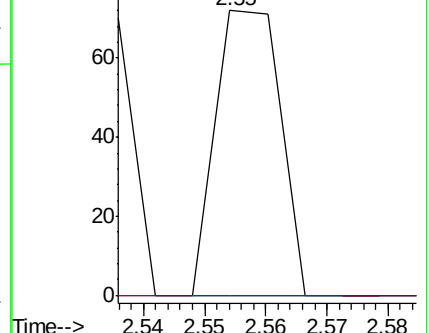
94 100

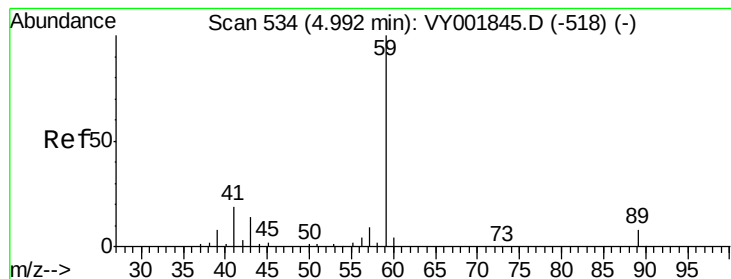
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)



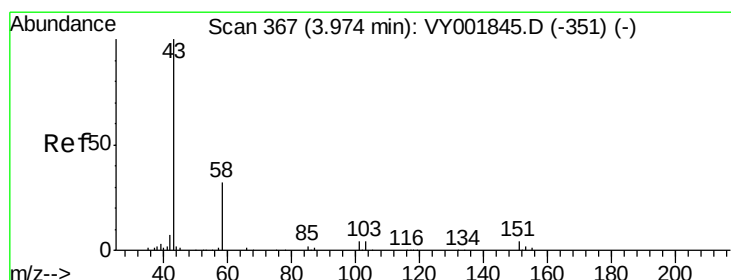
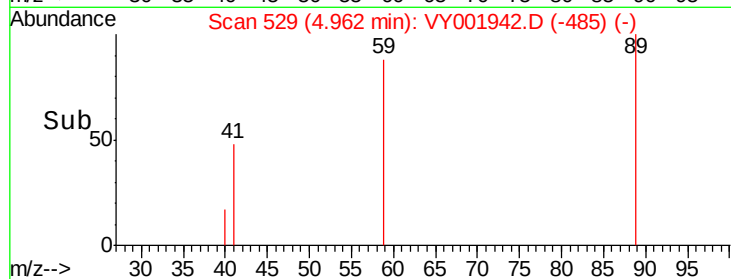
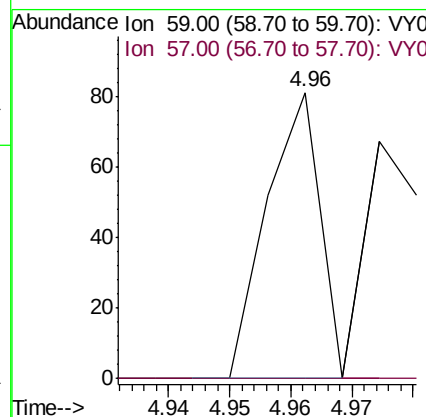
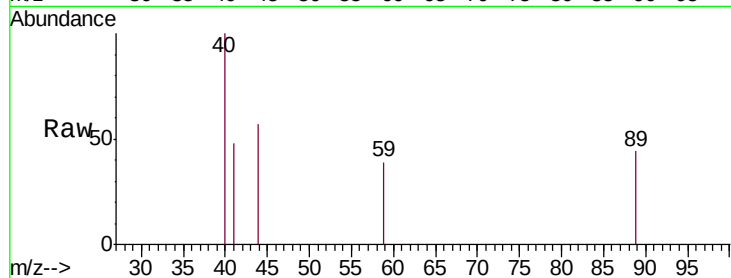


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001942.D
 Acq: 11 Mar 2020 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2(2-3)

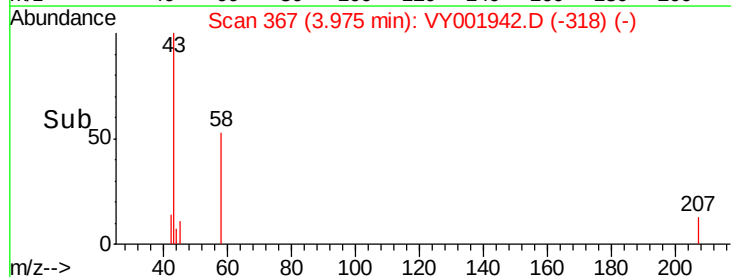
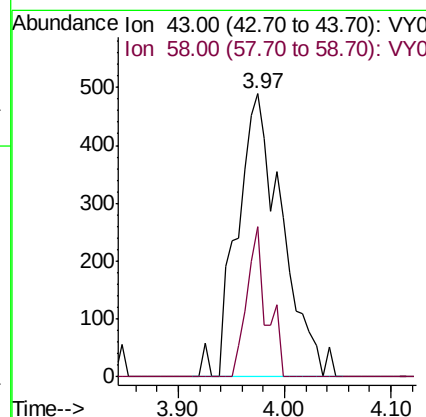
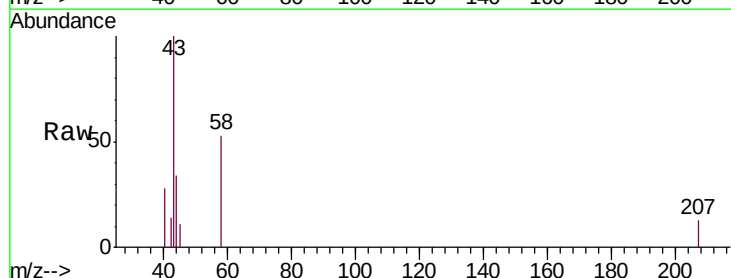
Tgt Ion: 59 Resp: 49
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

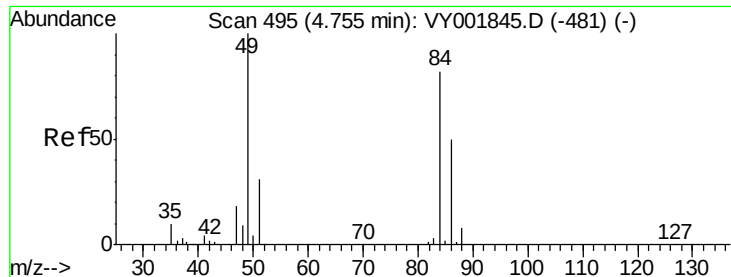


#16

Acetone
 Concen: 3.454 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VY001942.D
 Acq: 11 Mar 2020 14:54

Tgt Ion: 43 Resp: 1442
 Ion Ratio Lower Upper
 43 100
 58 53.2 25.9 38.9#

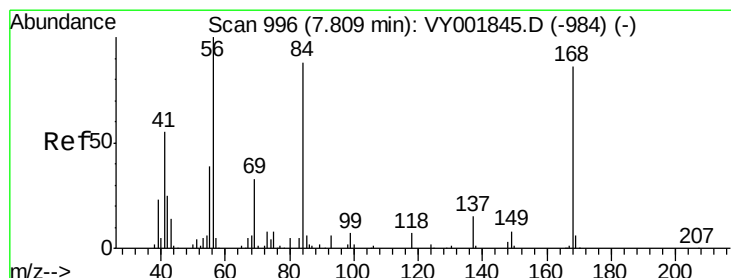
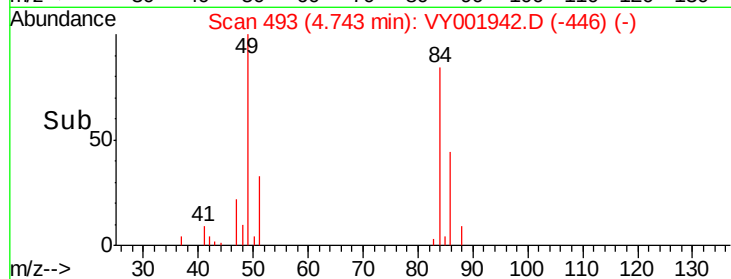
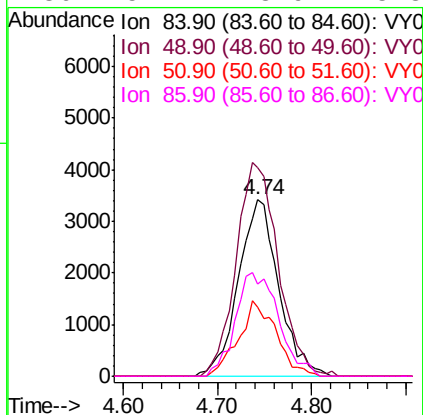
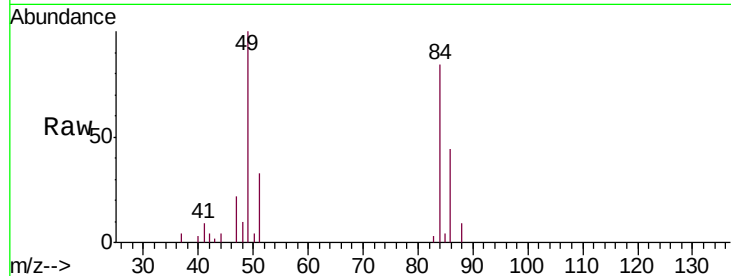




#20
Methylene Chloride
Concen: 5.709 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

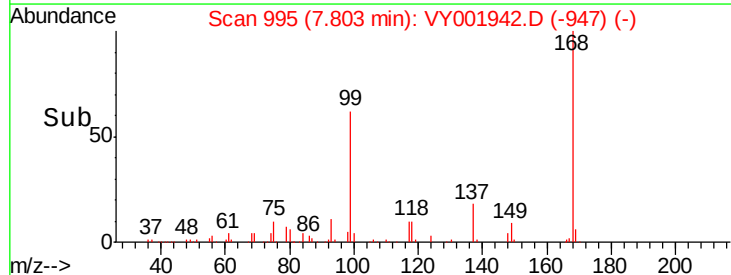
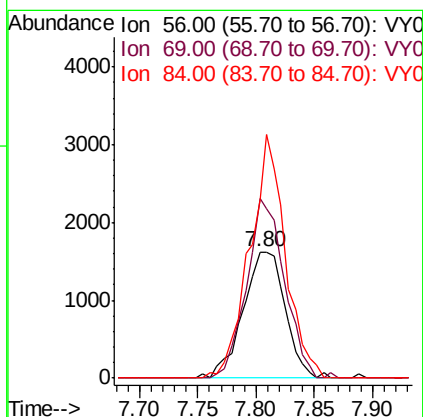
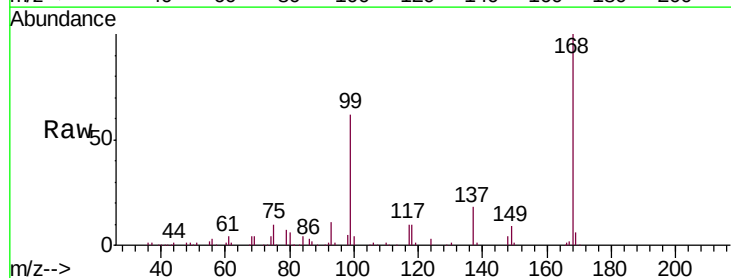
Instrument :
MSVOA_Y
ClientSampled :
TP-2(2-3)

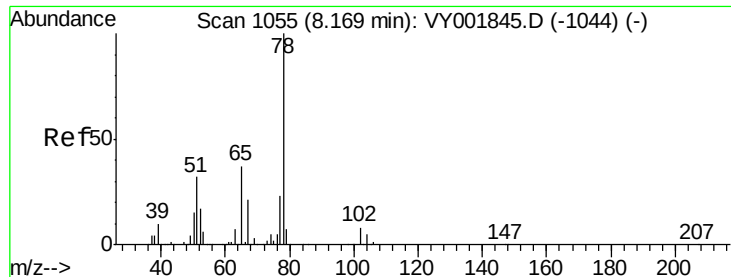
Tgt Ion:	84	Resp:	10215
Ion	Ratio	Lower	Upper
84	100		
49	118.5	98.2	147.2
51	39.5	30.2	45.2
86	52.2	48.9	73.3



#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

Tgt Ion:	56	Resp:	4083
Ion	Ratio	Lower	Upper
56	100		
69	141.8	26.7	40.1#
84	140.8	70.4	105.6#

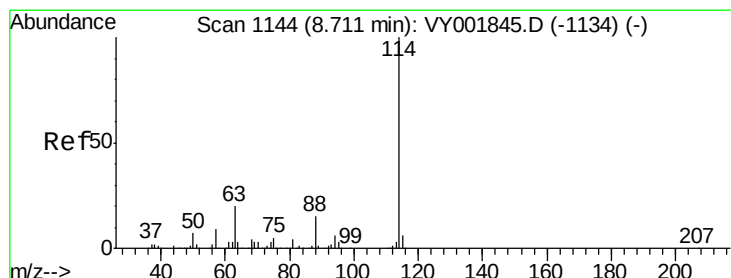
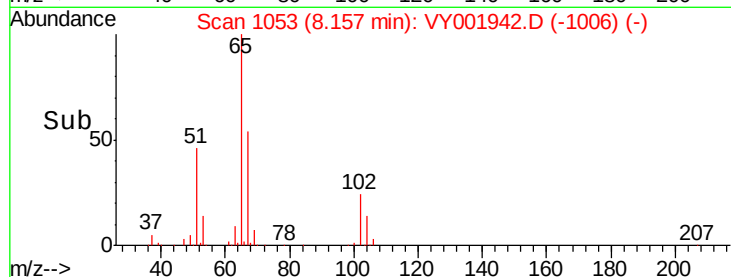
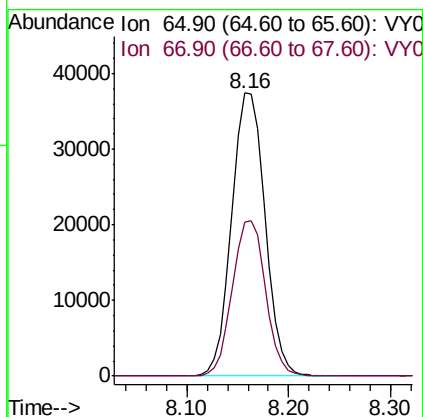
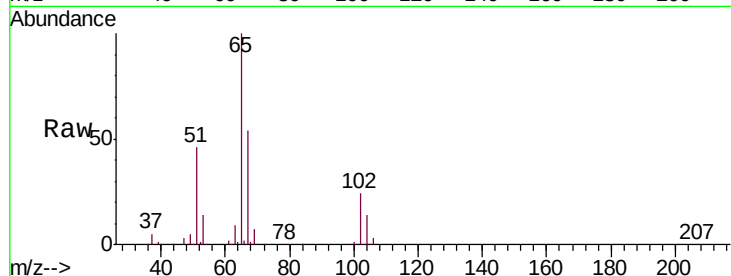




#33
 1,2-Dichloroethane-d4
 Concen: 59.288 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001942.D
 Acq: 11 Mar 2020 14:54

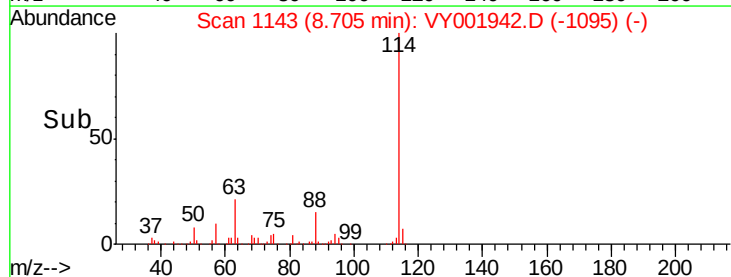
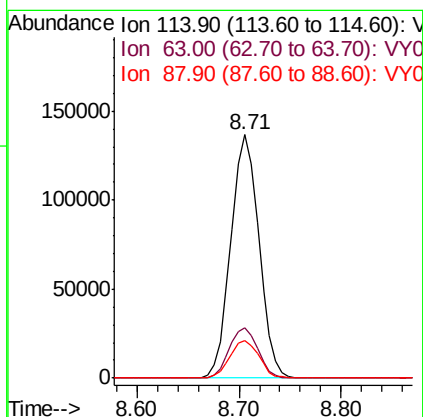
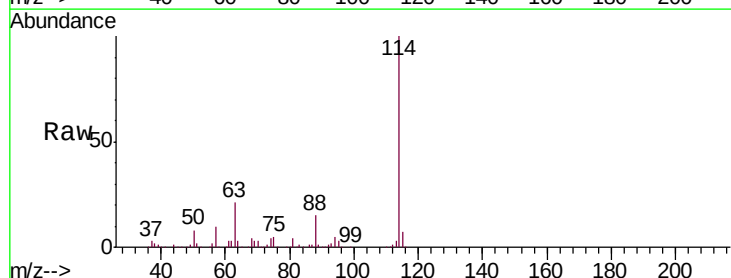
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2(2-3)

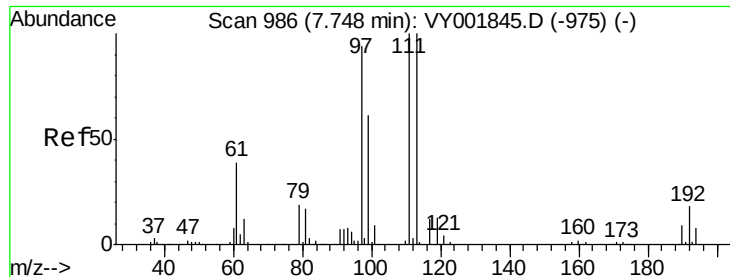
Tgt Ion: 65 Resp: 84988
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001942.D
 Acq: 11 Mar 2020 14:54

Tgt Ion: 114 Resp: 260715
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.817 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

TP-2(2-3)

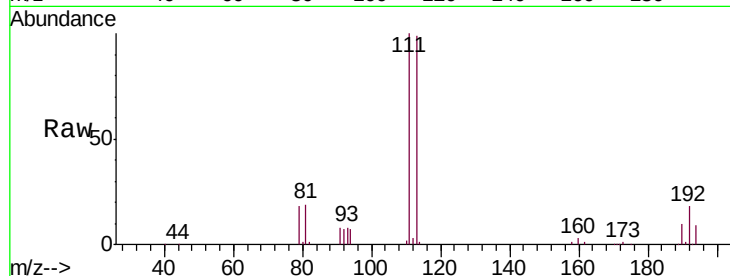
Tgt Ion:113 Resp: 78038

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

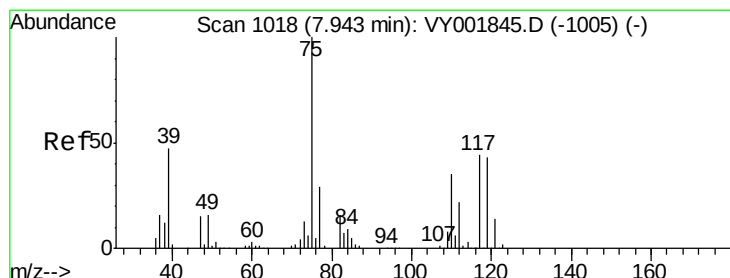
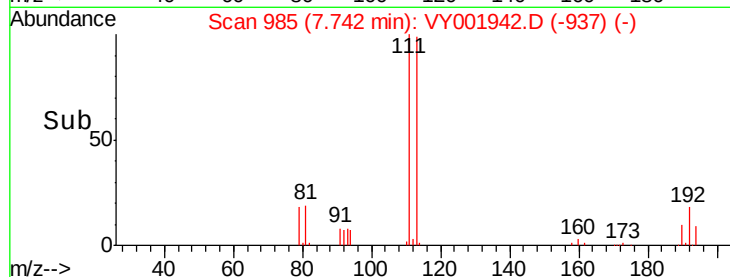
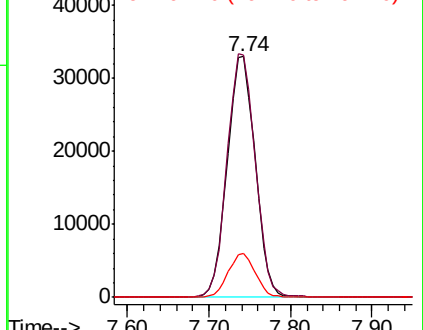
192 17.5 14.2 21.2



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: 4.642 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

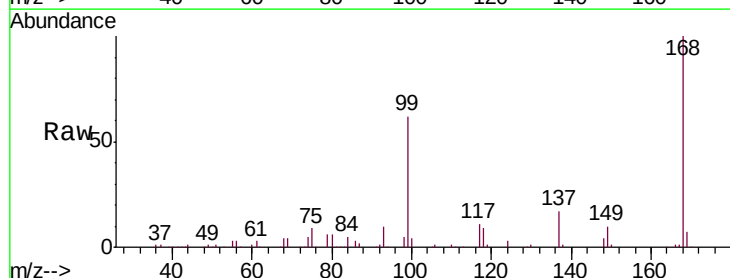
Tgt Ion: 75 Resp: 11645

Ion Ratio Lower Upper

75 100

110 9.4 17.4 52.2#

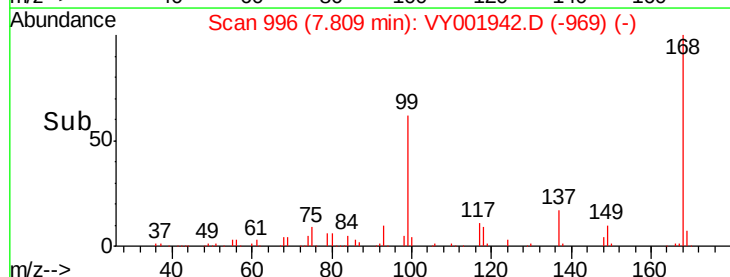
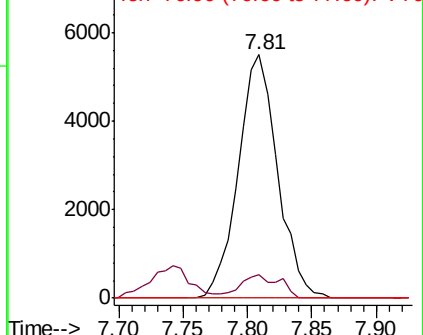
77 0.0 24.2 36.2#

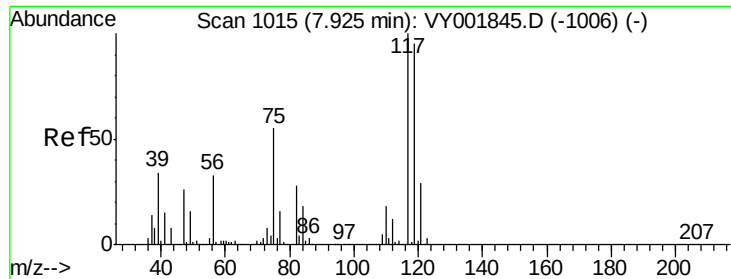


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

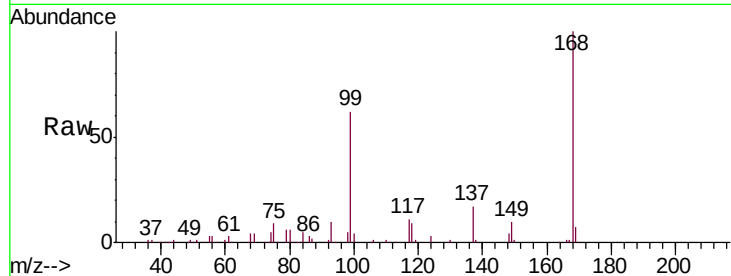




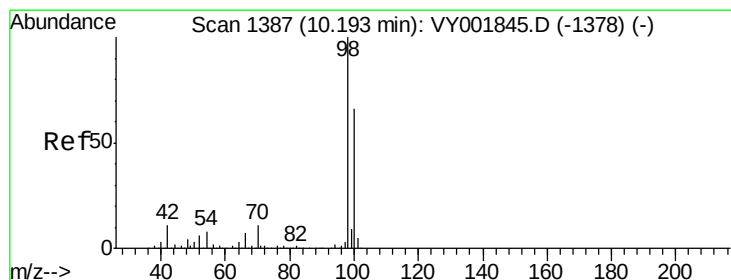
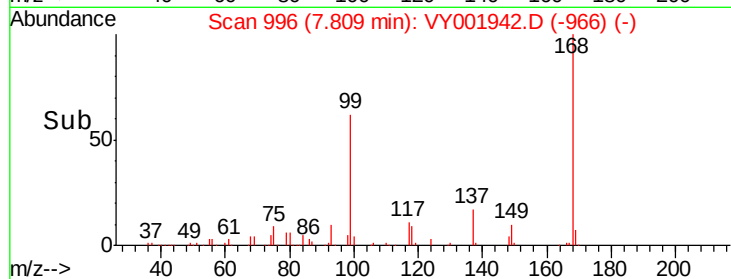
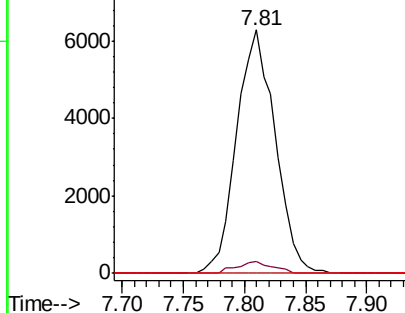
#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

Instrument :
MSVOA_Y
ClientSampled :
TP-2(2-3)

Tgt Ion:117 Resp: 13743
Ion Ratio Lower Upper
117 100
119 4.7 76.3 114.5#
121 0.0 23.5 35.3#

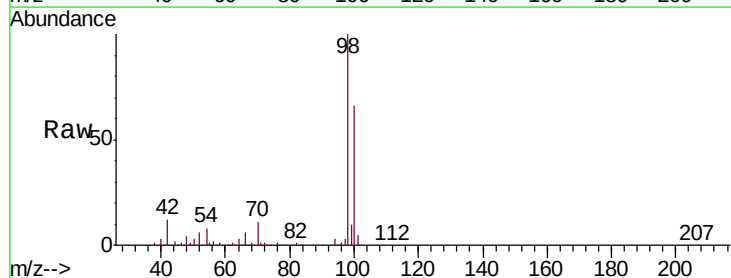


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

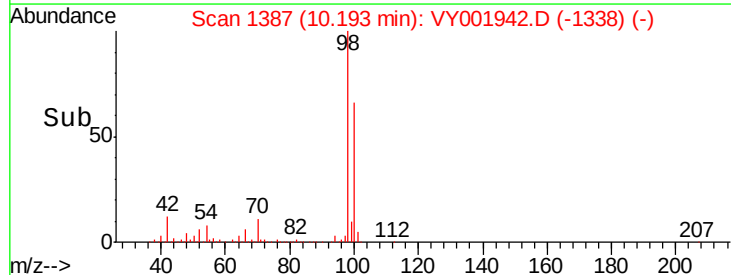
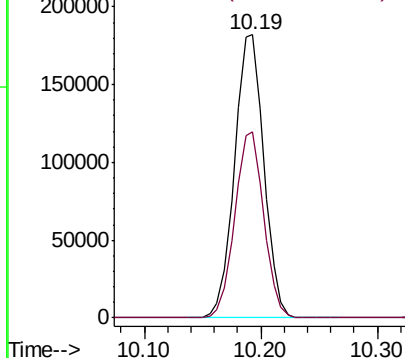


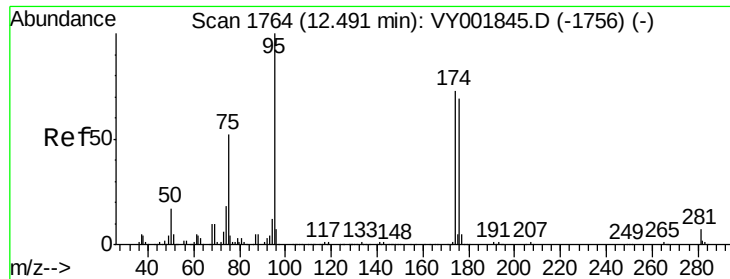
#50
Toluene-d8
Concen: 53.170 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

Tgt Ion: 98 Resp: 319191
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

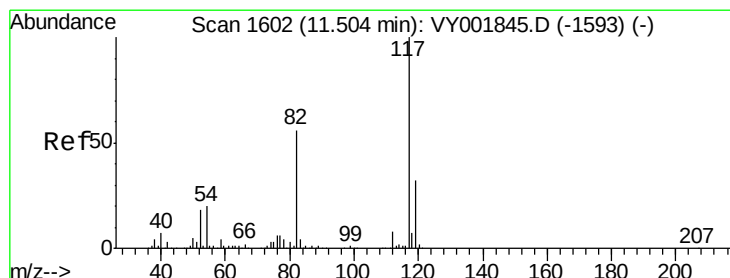
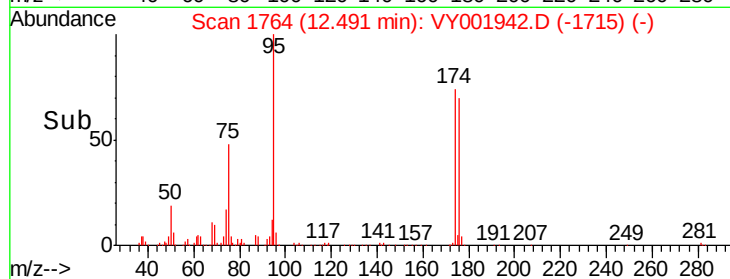
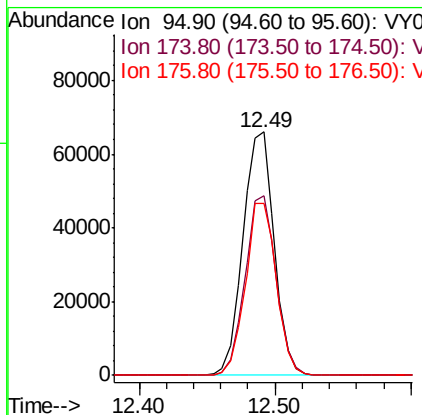
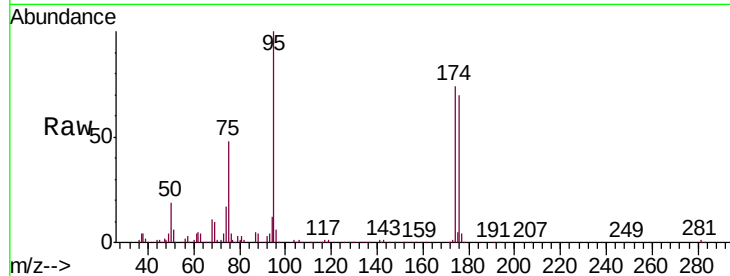




#62
4-Bromofluorobenzene
Concen: 50.556 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

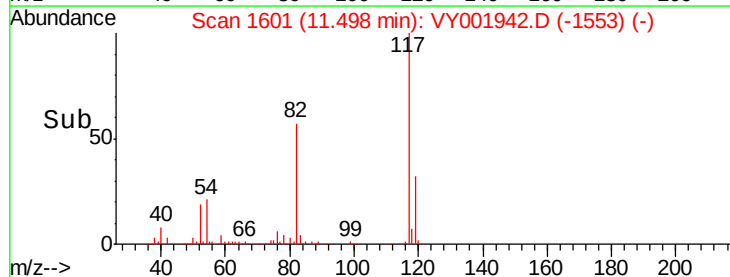
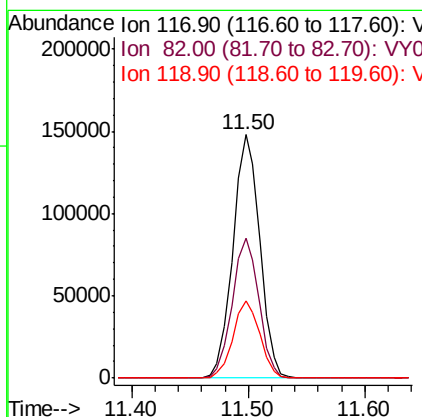
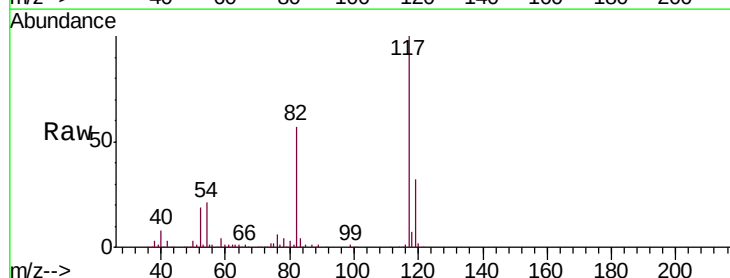
Instrument :
MSVOA_Y
ClientSampled :
TP-2(2-3)

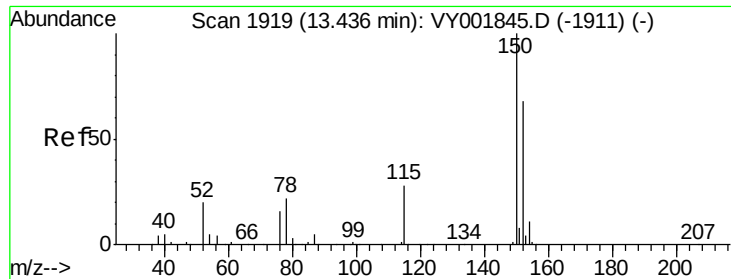
Tgt Ion: 95 Resp: 105529
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.0
176 70.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

Tgt Ion: 117 Resp: 237617
Ion Ratio Lower Upper
117 100
82 57.5 44.5 66.7
119 31.7 25.7 38.5



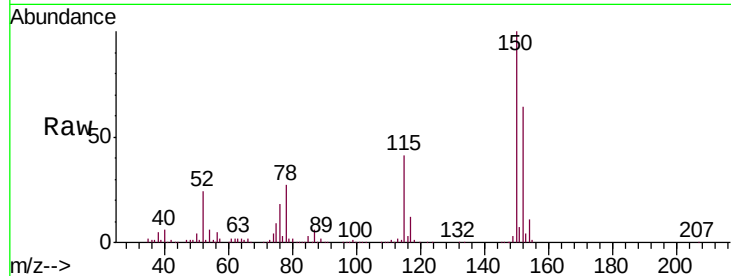


#72

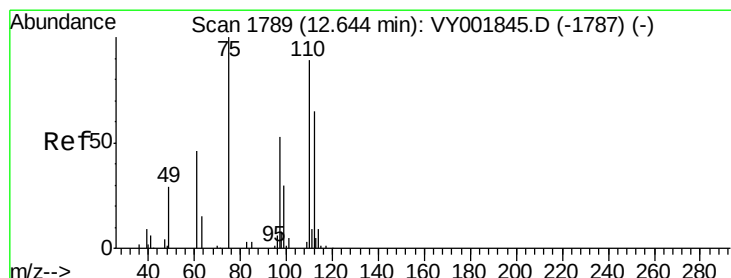
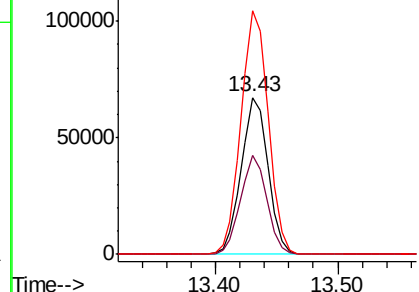
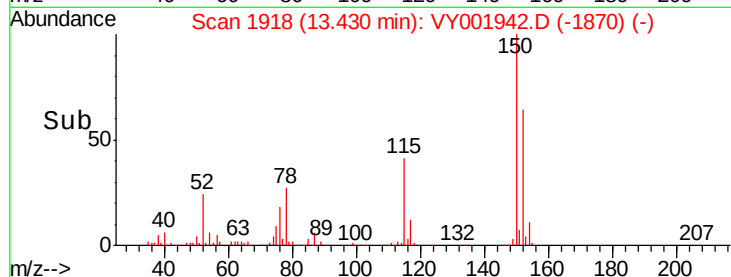
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

Instrument :
MSVOA_Y
ClientSampled :
TP-2(2-3)

Tgt Ion:152 Resp: 101911
Ion Ratio Lower Upper
152 100
115 61.6 29.9 89.7
150 157.5 0.0 340.6



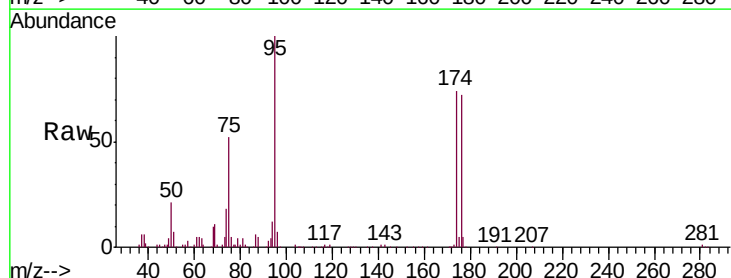
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



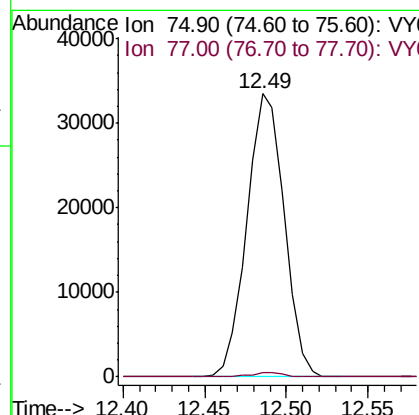
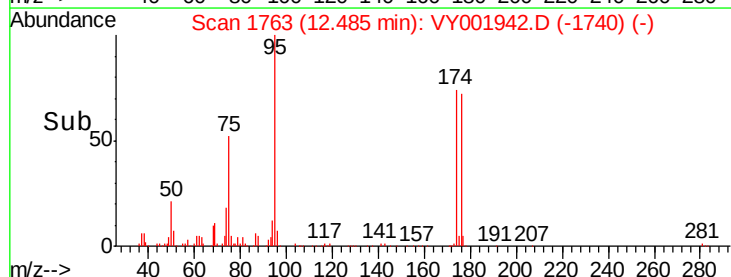
#76

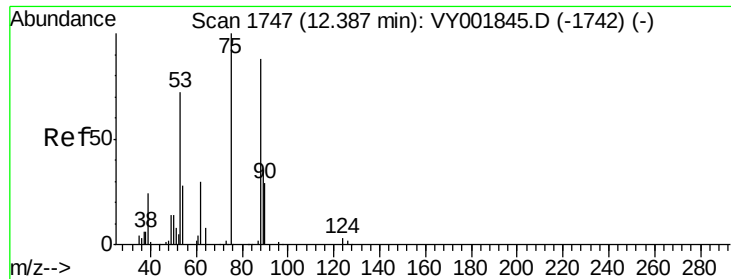
1,2,3-Trichloropropane
Concen: 44.124 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001942.D
Acq: 11 Mar 2020 14:54

Tgt Ion: 75 Resp: 53357
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: 89.129 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

TP-2(2-3)

Tgt Ion: 75 Resp: 53357

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

