

Data File : VY000857.D
Acq On : 04 Dec 2019 12:49
Operator : SY/MD
Sample : K6119-07
Misc : 5.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Quant Time: Dec 05 07:53:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	165651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	306795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	115345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	101549	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	
35) Dibromofluoromethane	7.73	113	87855	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.18	98	365835	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.48	95	117308	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	

Target Compounds

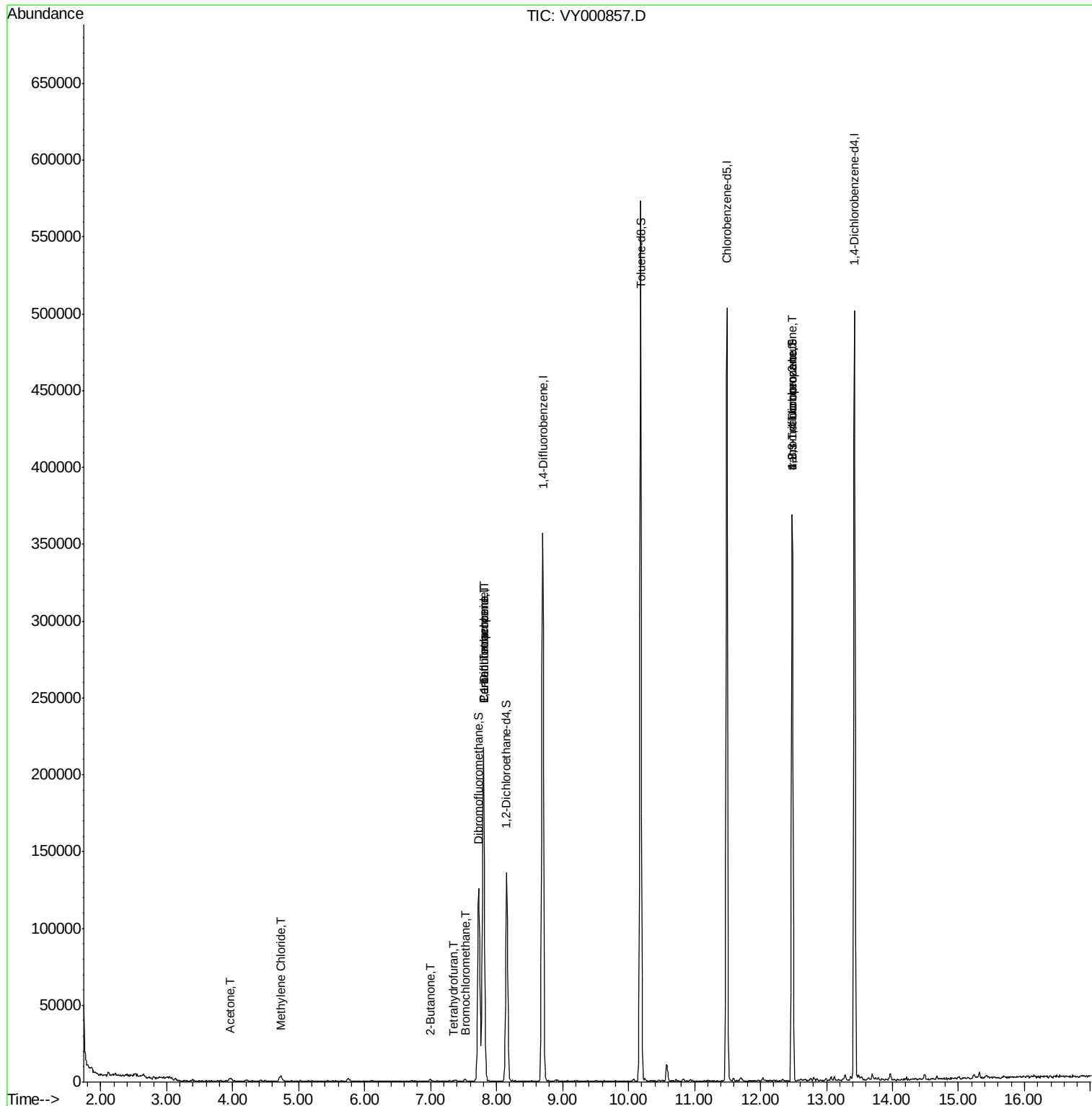
						Qvalue
5) Bromomethane	2.66	94	237	Below Cal	#	43
16) Acetone	3.97	43	3390	8.396	ug/l	93
20) Methylene Chloride	4.72	84	2410	1.132	ug/l	86
25) 2-Butanone	7.00	43	763	1.023	ug/l #	49
28) Bromochloromethane	7.52	49	37	2.043	ug/l #	15
29) Tetrahydrofuran	7.35	42	518	1.048	ug/l #	65
36) 1,1-Dichloropropene	7.80	75	12915	4.234	ug/l #	51
38) Carbon Tetrachloride	7.80	117	17285	6.363	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	59915	45.847	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	59915	90.057	ug/l #	17

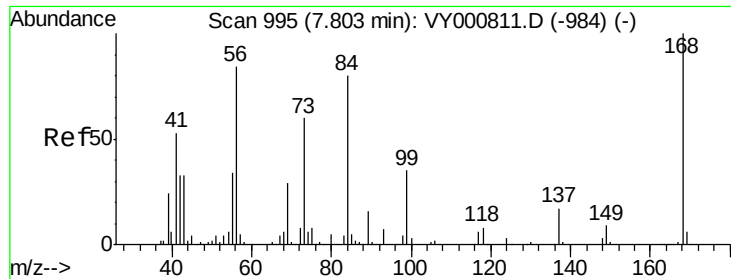
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000857.D

Acq: 04 Dec 2019 12:49

Instrument :

MSVOA_Y

ClientSampleId :

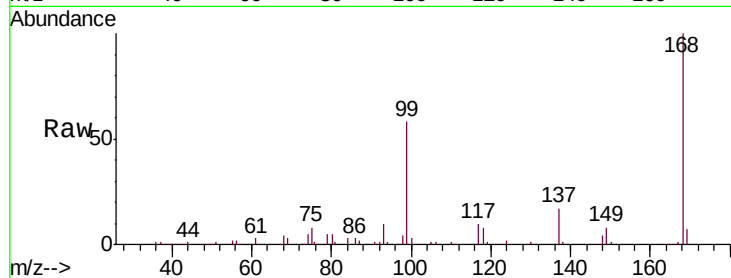
SB-5-(0-2)

Tgt Ion:168 Resp: 165651

Ion Ratio Lower Upper

168 100

99 58.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

80000

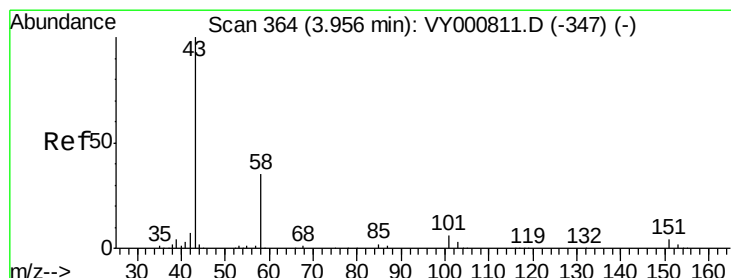
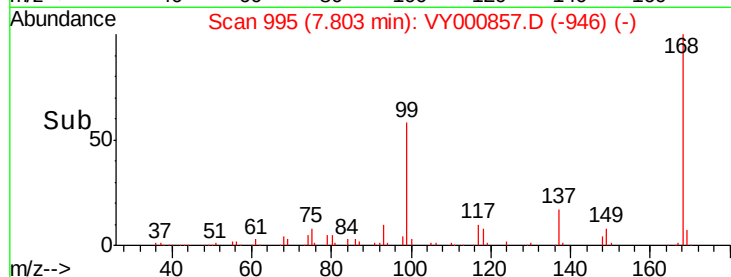
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.396 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000857.D

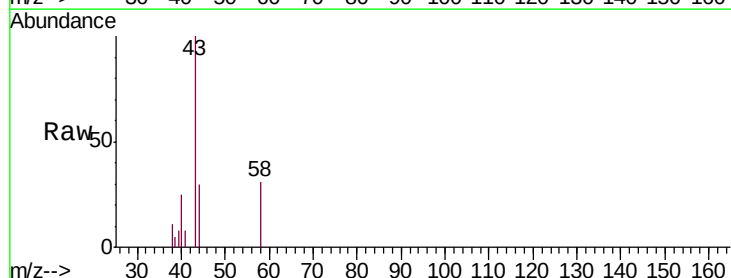
Acq: 04 Dec 2019 12:49

Tgt Ion: 43 Resp: 3390

Ion Ratio Lower Upper

43 100

58 31.1 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

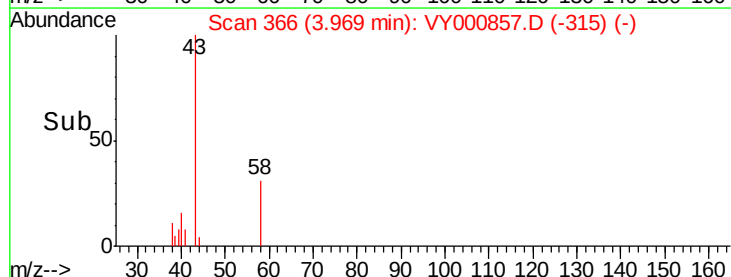
3.97

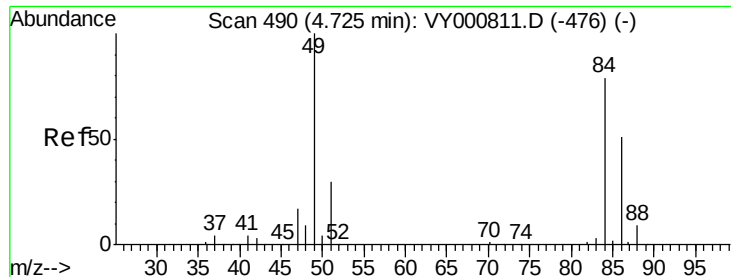
1000

500

0

Time-->

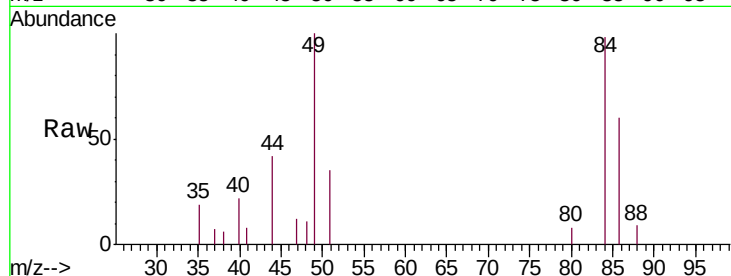




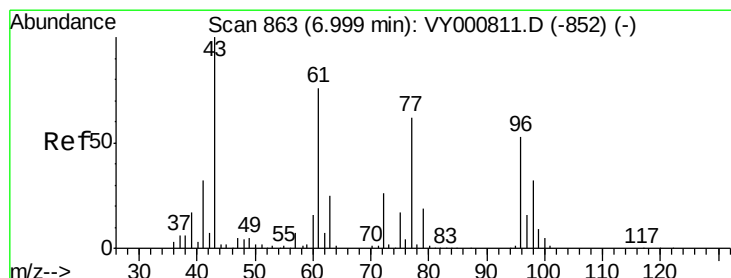
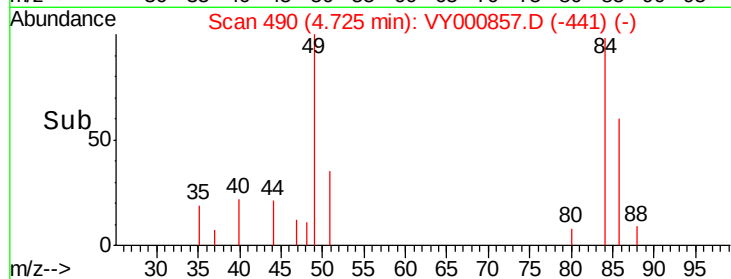
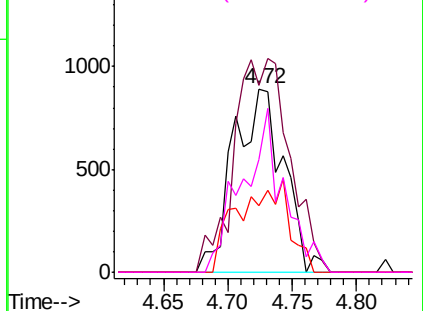
#20
Methylene Chloride
Concen: 1.132 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 84 Resp: 2410
Ion Ratio Lower Upper
84 100
49 101.9 101.3 151.9
51 36.2 30.6 45.8
86 61.1 51.3 76.9

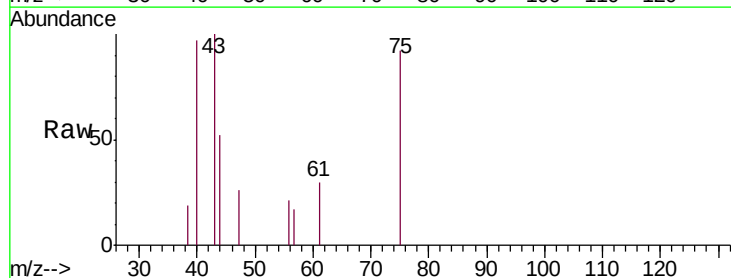


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

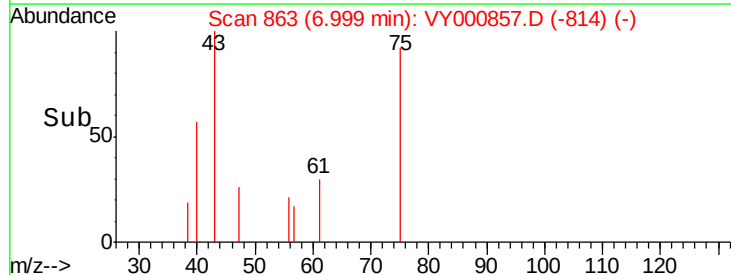
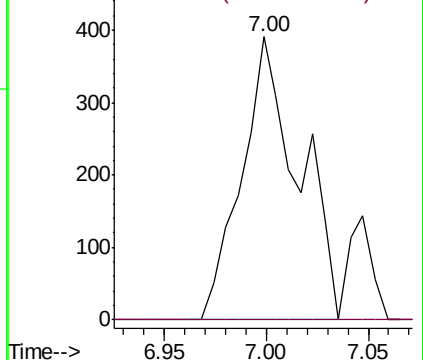


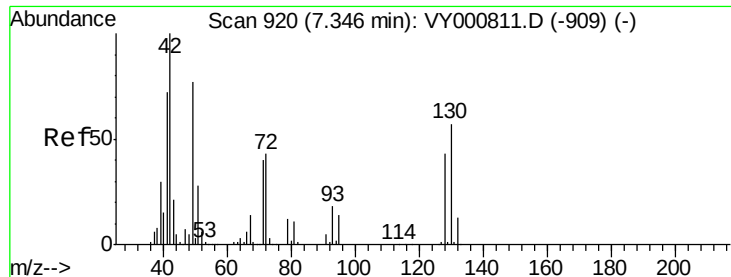
#25
2-Butanone
Concen: 1.023 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#28

Bromochloromethane

Concen: 2.043 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.17 min

Lab File: VY000857.D

Acq: 04 Dec 2019 12:49

Instrument :

MSVOA_Y

ClientSampled :

SB-5-(0-2)

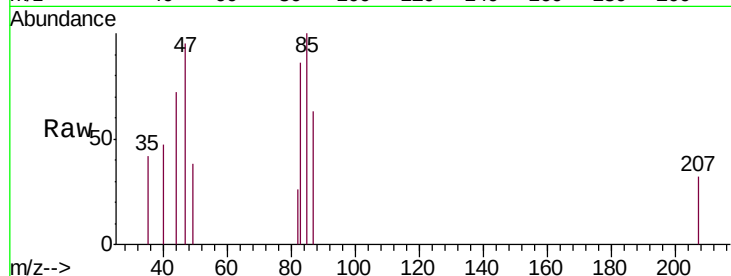
Tgt Ion: 49 Resp: 37

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

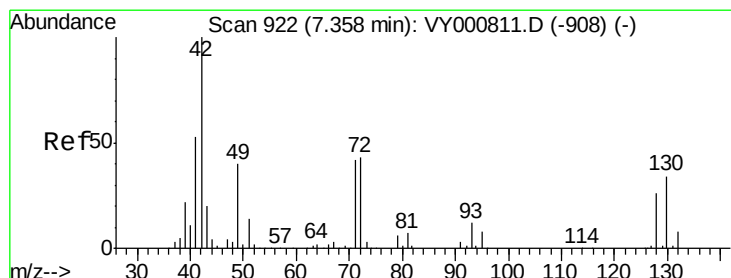
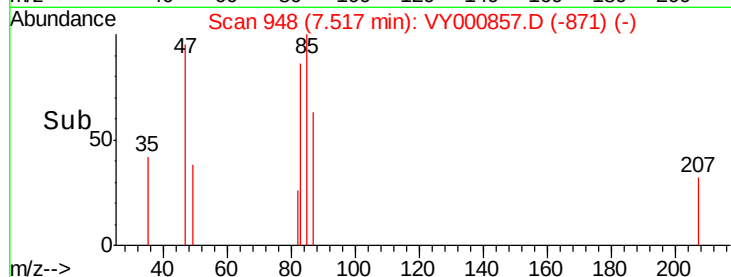
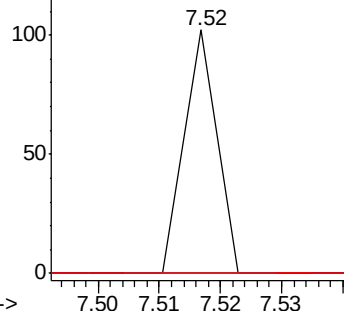
130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.048 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000857.D

Acq: 04 Dec 2019 12:49

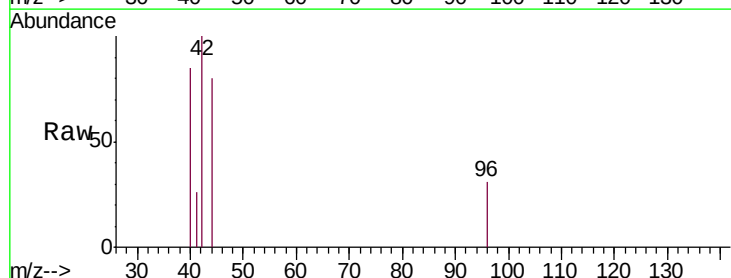
Tgt Ion: 42 Resp: 518

Ion Ratio Lower Upper

42 100

72 39.8 35.1 52.7

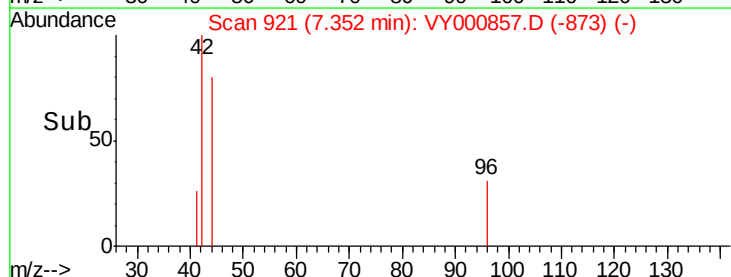
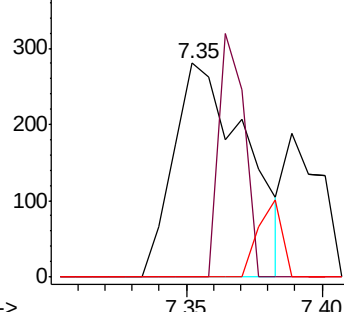
71 0.0 32.8 49.2#

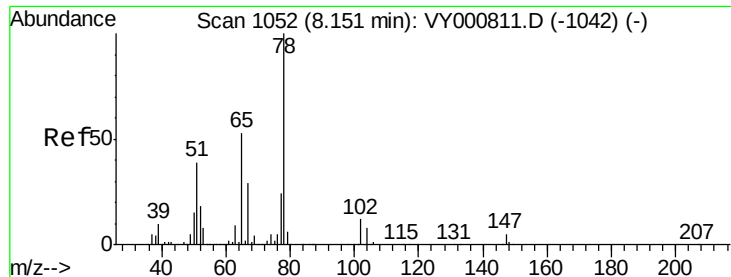


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

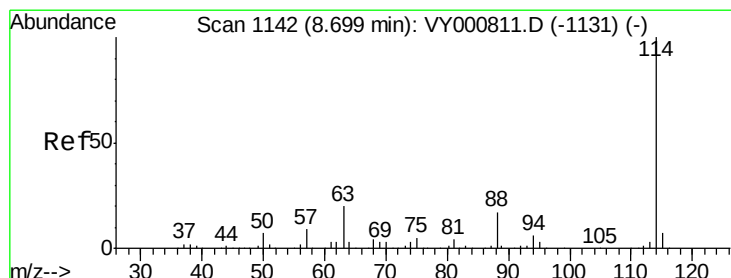
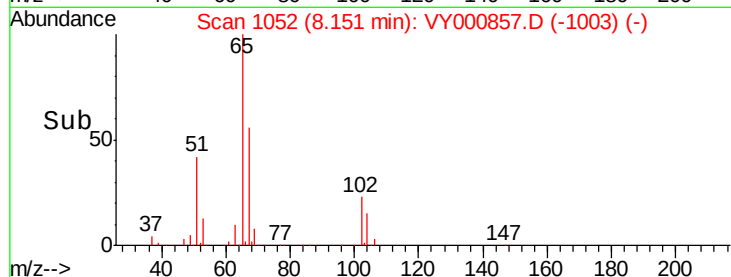
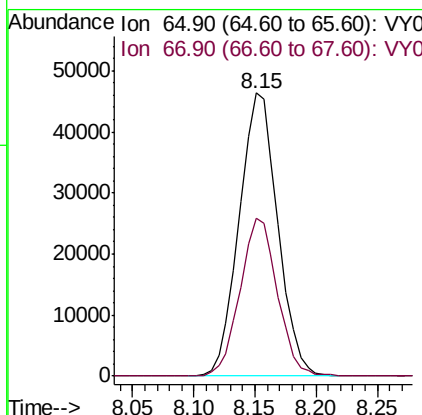
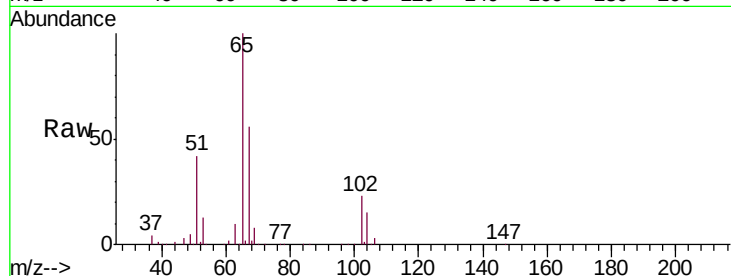




#33
 1,2-Dichloroethane-d4
 Concen: 57.692 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000857.D
 Acq: 04 Dec 2019 12:49

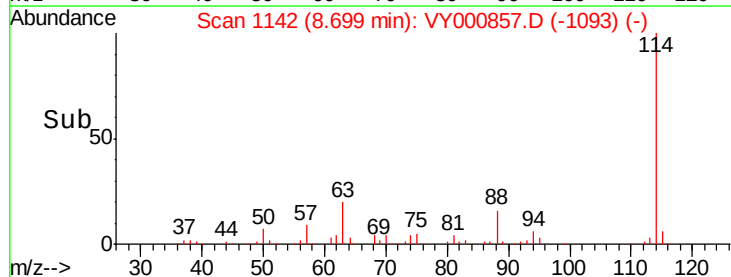
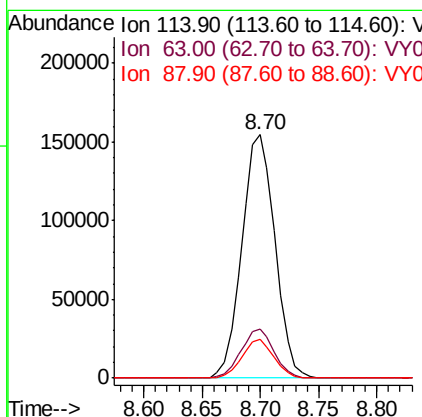
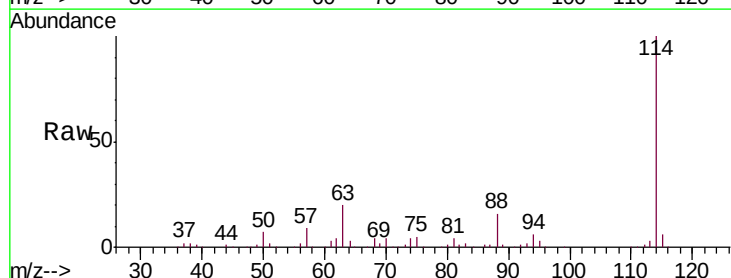
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

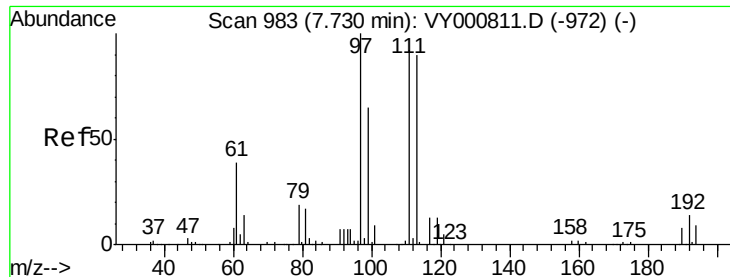
Tgt Ion: 65 Resp: 101549
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000857.D
 Acq: 04 Dec 2019 12:49

Tgt Ion: 114 Resp: 306795
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.9 0.0 33.2

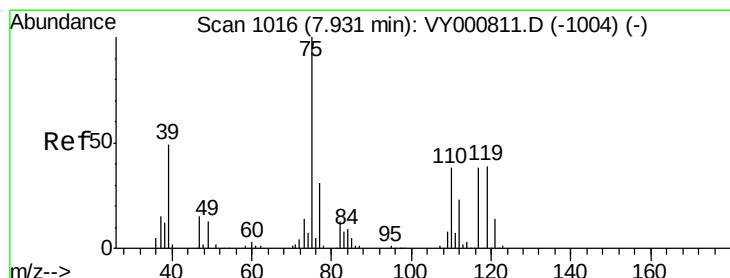
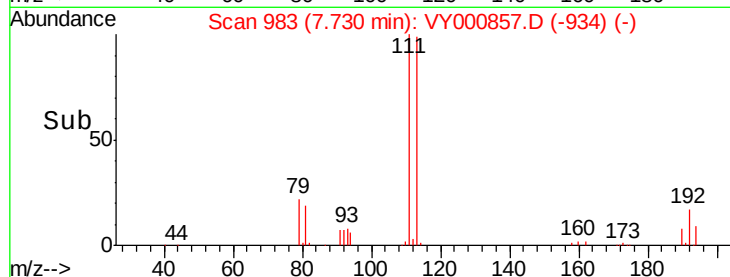
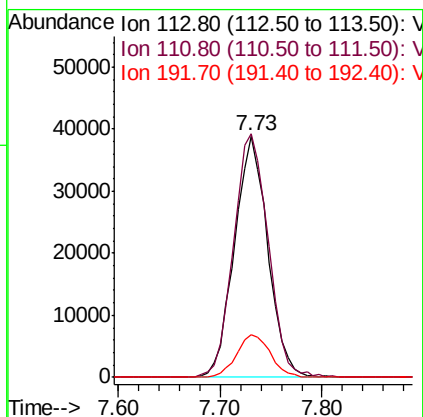
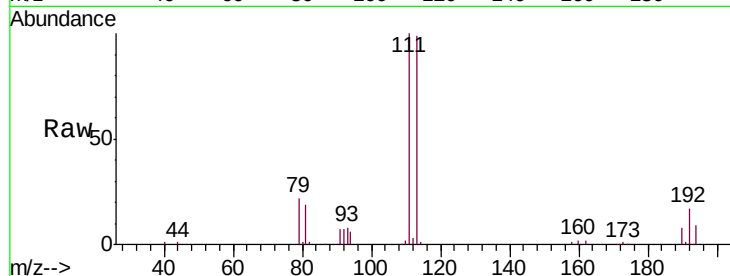




#35
 Dibromofluoromethane
 Concen: 49.136 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000857.D
 Acq: 04 Dec 2019 12:49

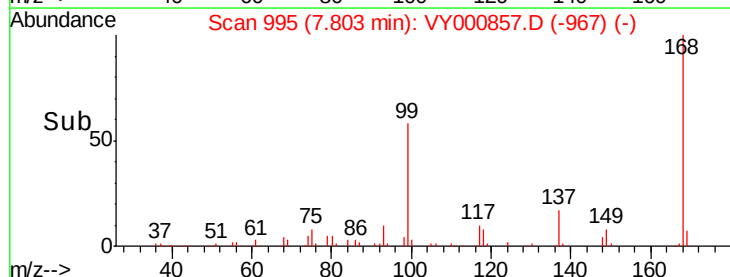
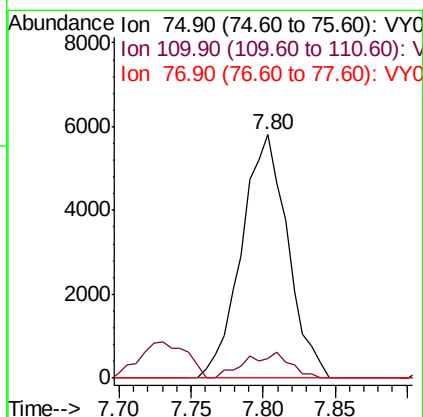
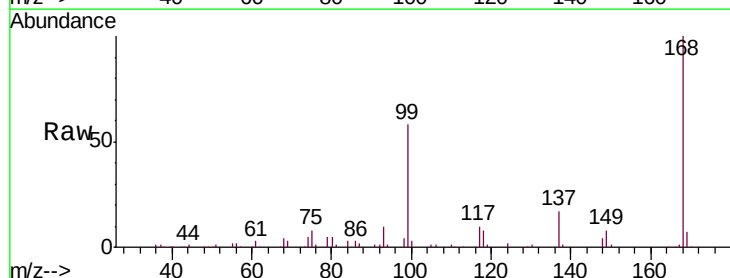
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

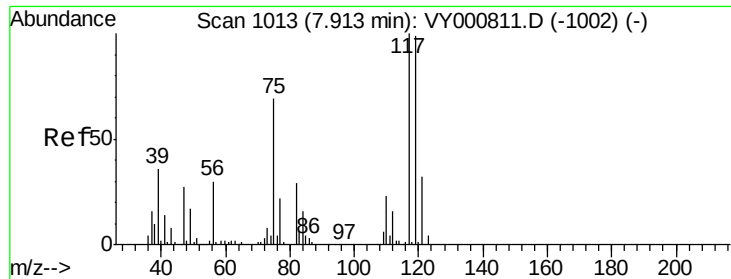
Tgt Ion: 113 Resp: 87855
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.4 123.6
 192 18.0 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.234 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000857.D
 Acq: 04 Dec 2019 12:49

Tgt Ion: 75 Resp: 12915
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.9 53.7#
 77 0.0 24.7 37.1#

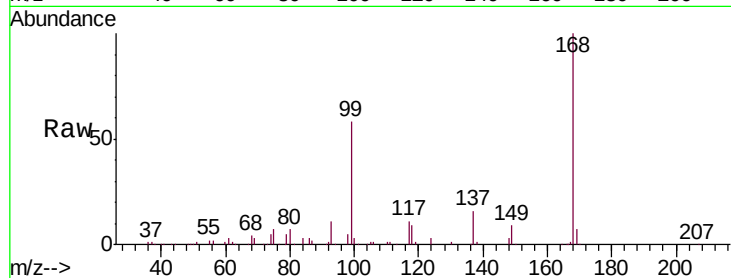




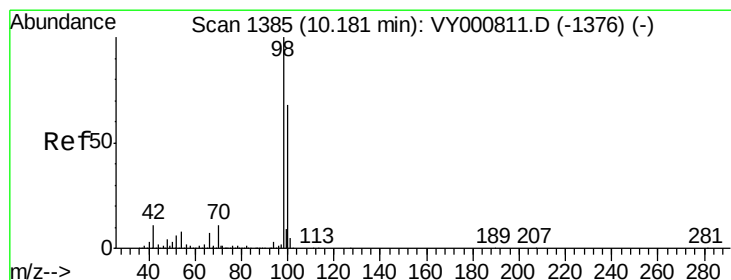
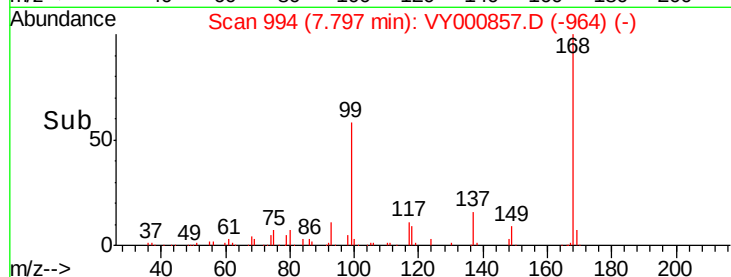
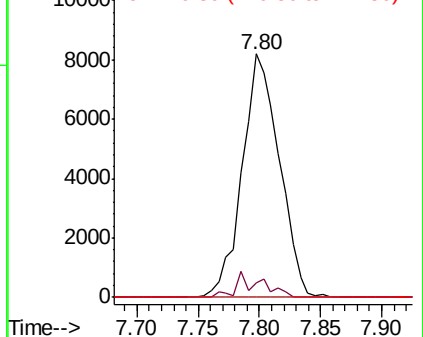
#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:117 Resp: 17285
Ion Ratio Lower Upper
117 100
119 5.9 79.3 118.9#
121 0.0 25.5 38.3#

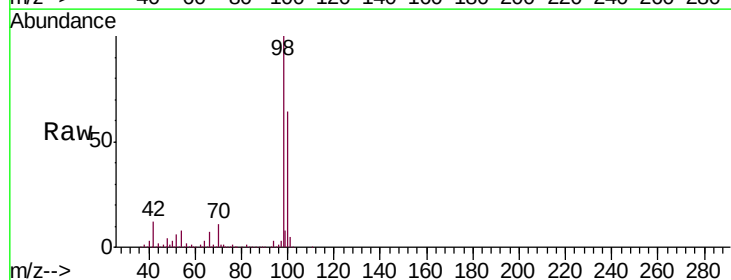


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

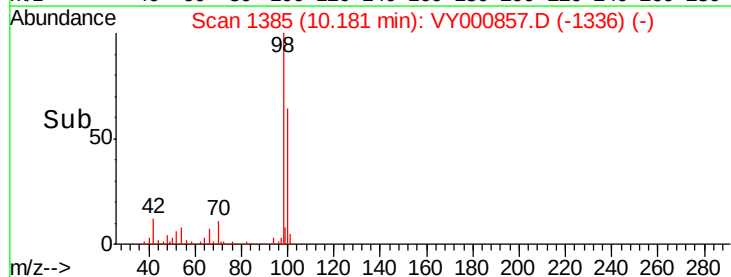
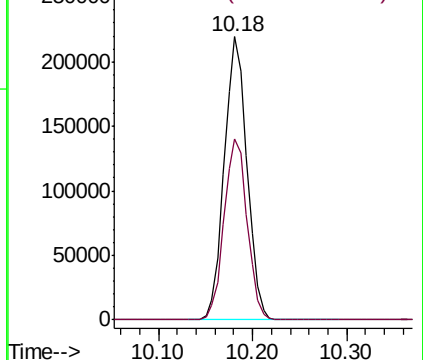


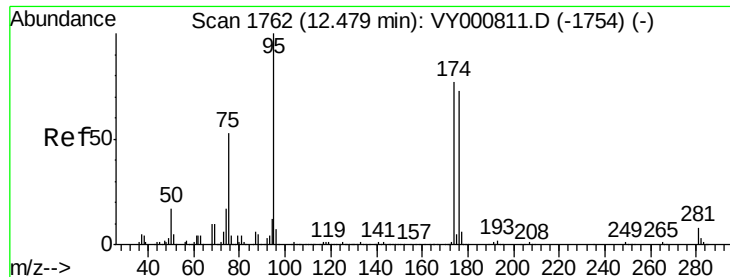
#50
Toluene-d8
Concen: 51.178 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Tgt Ion: 98 Resp: 365835
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



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

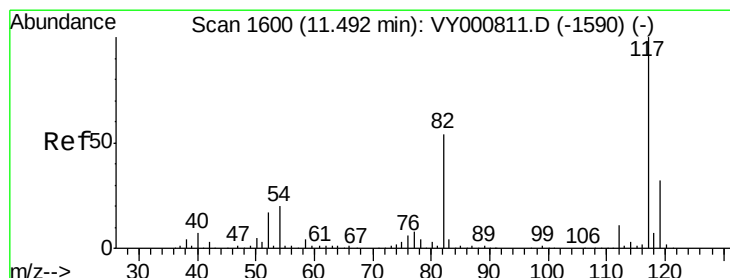
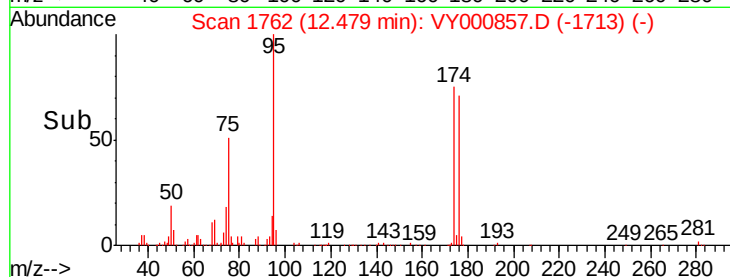
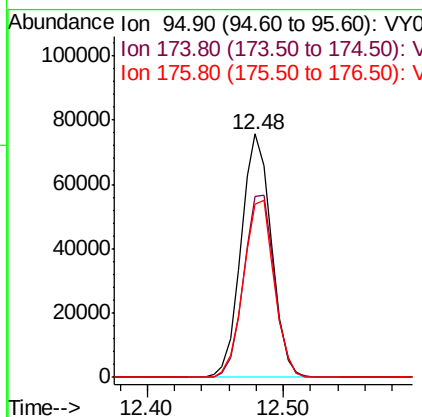
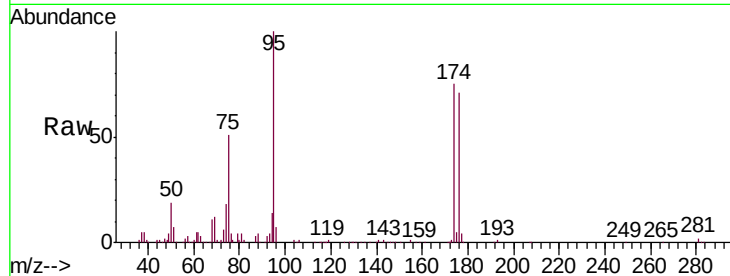




#62
4-Bromofluorobenzene
Concen: 43.697 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

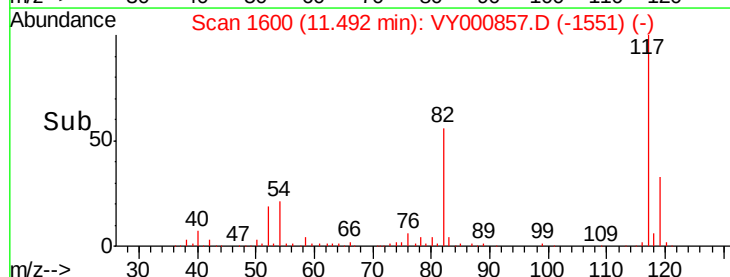
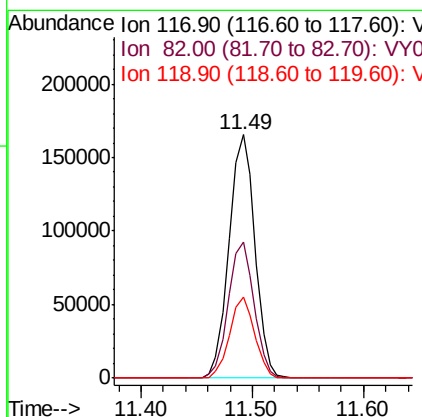
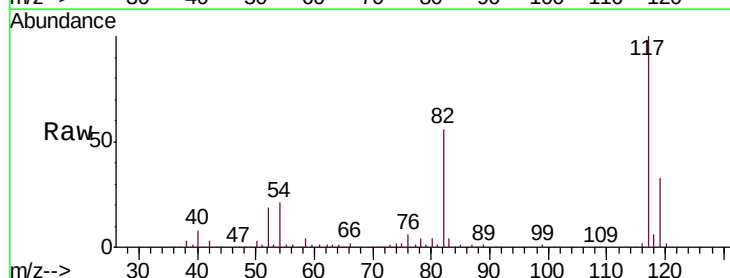
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

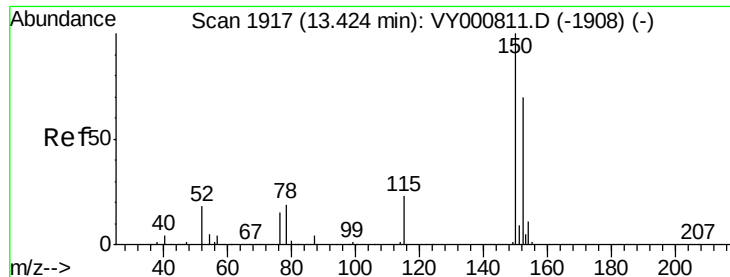
Tgt Ion: 95 Resp: 117308
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.6
176 73.9 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Tgt Ion: 117 Resp: 266261
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 33.5 25.3 37.9



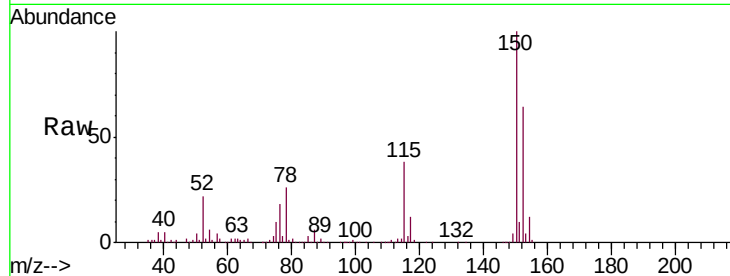


#72

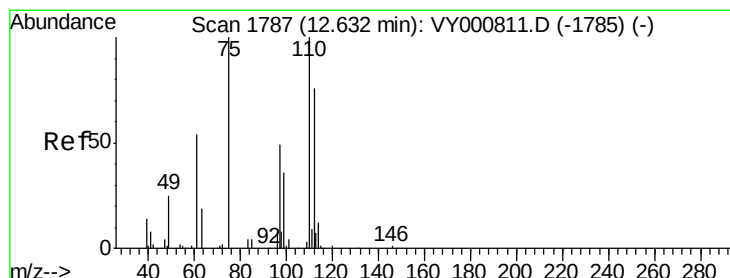
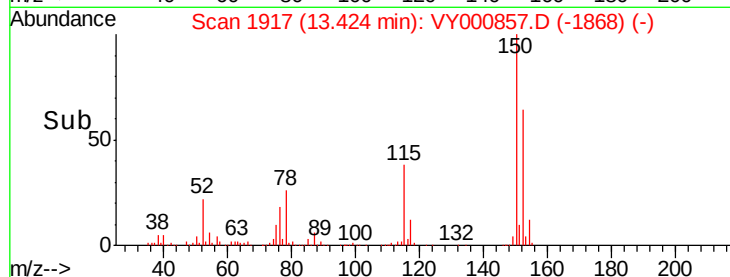
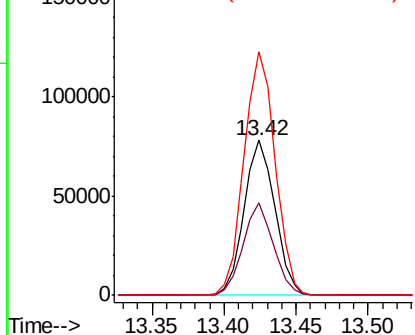
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:152 Resp: 115345
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.8
150 159.5 0.0 351.2



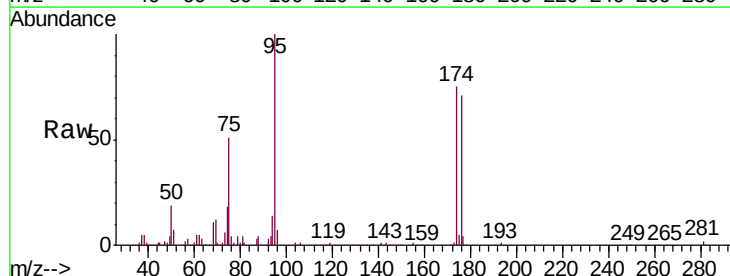
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



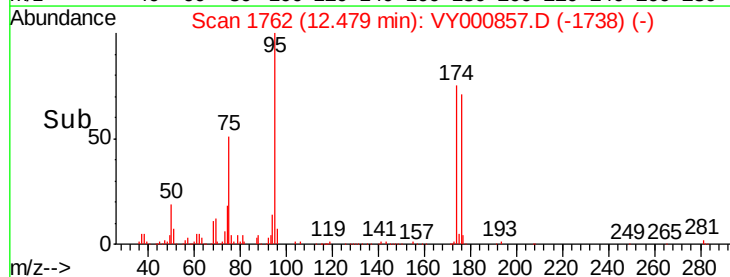
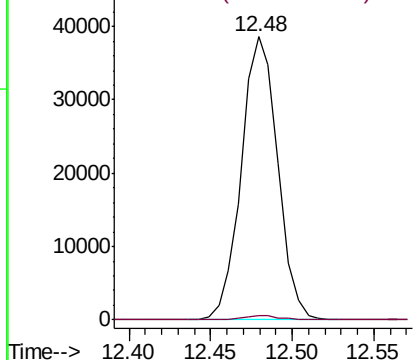
#76

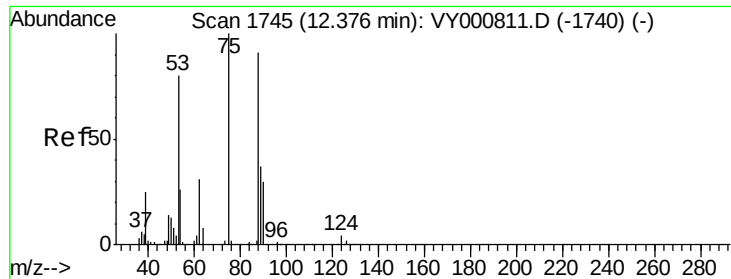
1,2,3-Trichloropropane
Concen: 45.847 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Tgt Ion: 75 Resp: 59915
Ion Ratio Lower Upper
75 100
77 1.6 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: 90.057 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000857.D

Acq: 04 Dec 2019 12:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(0-2)

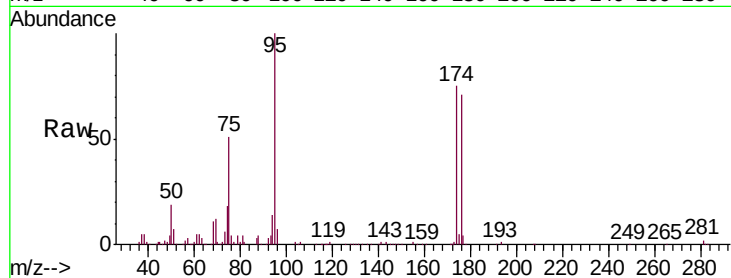
Tgt Ion: 75 Resp: 59915

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 33.6 50.4#



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

