

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022620\
 Data File : VY001774.D
 Acq On : 26 Feb 2020 10:49
 Operator : SY/MD
 Sample : VY0226SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

Quant Time: Feb 26 15:30:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	164899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	97645	55.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.74	113	90246	51.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.19	98	371453	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.49	95	126258	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

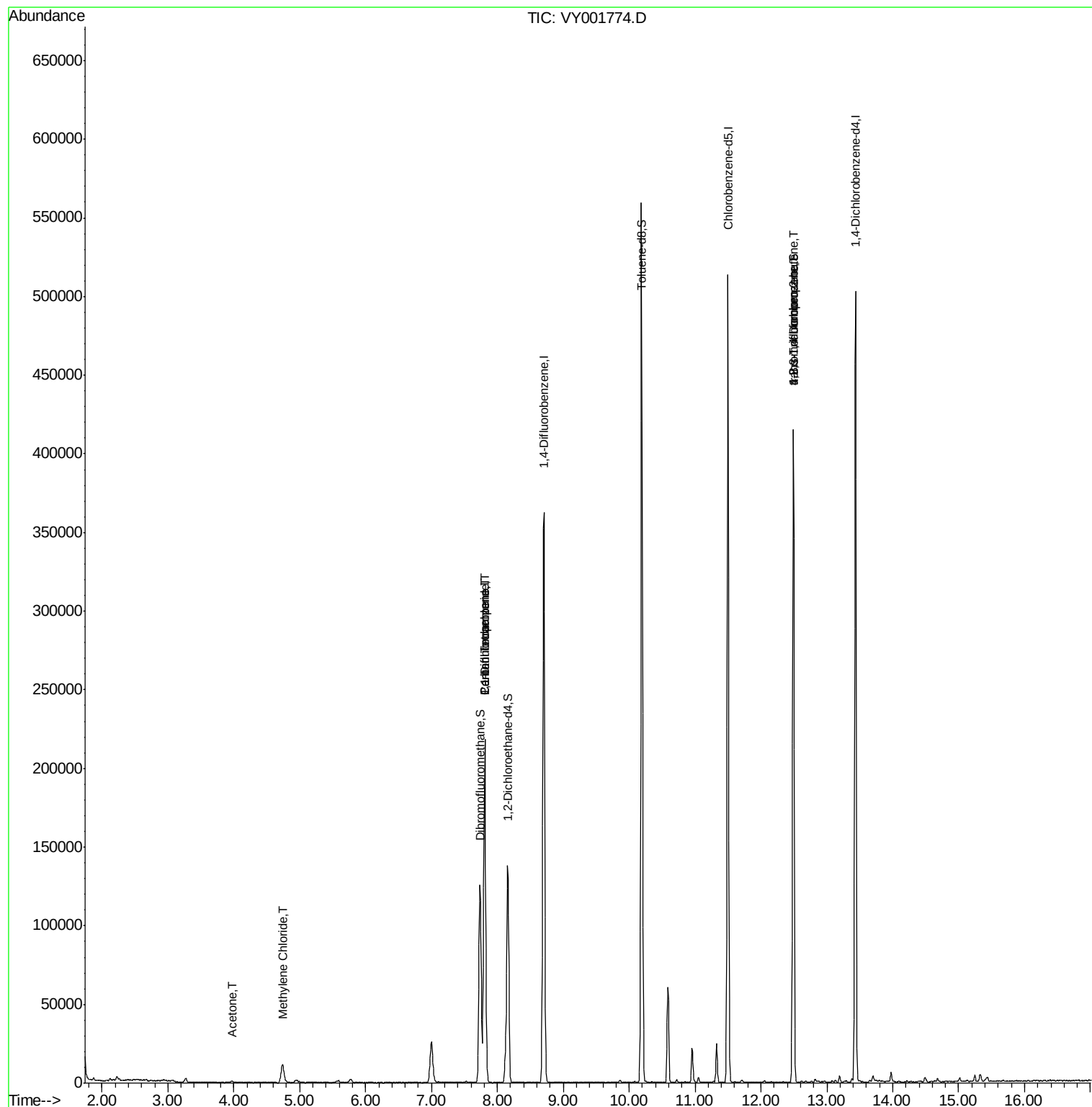
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	1458	Below Cal	#	74
16) Acetone	3.98	43	1509	2.46	ug/l	97
20) Methylene Chloride	4.74	84	8532	3.91	ug/l	94
36) 1,1-Dichloropropene	7.81	75	14171	4.80	ug/l #	50
38) Carbon Tetrachloride	7.80	117	16703	6.44	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.78	63	26	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.49	75	63888	46.12	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63888	87.49	ug/l #	17

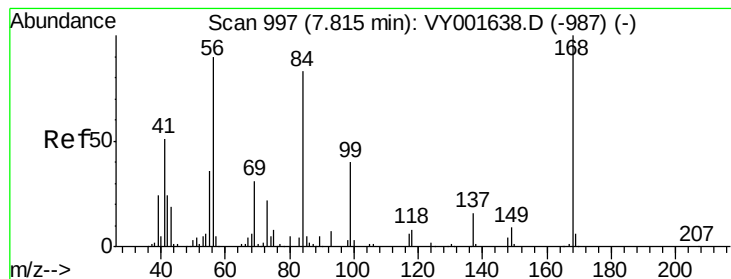
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

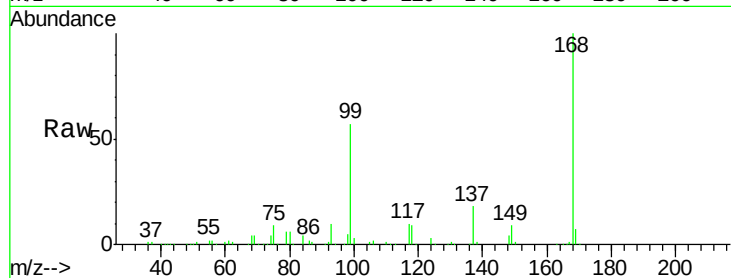
VY0226SBL01

Tgt Ion:168 Resp: 164899

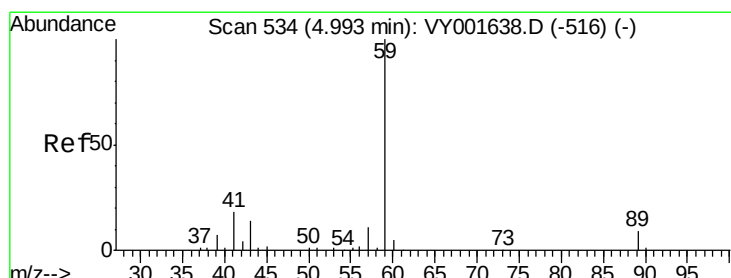
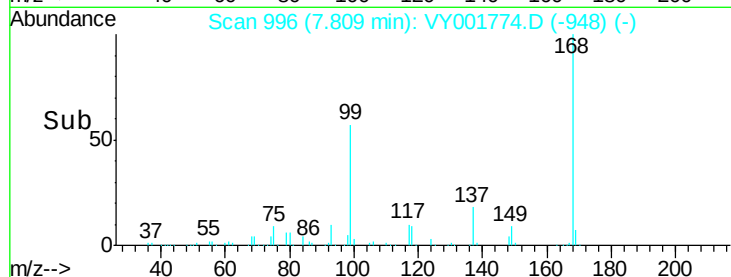
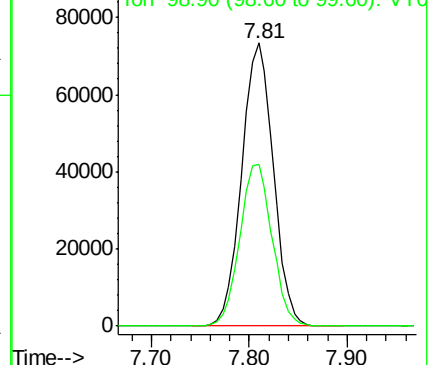
Ion Ratio Lower Upper

168 100

99 57.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001774.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.04 min

Lab File: VY001774.D

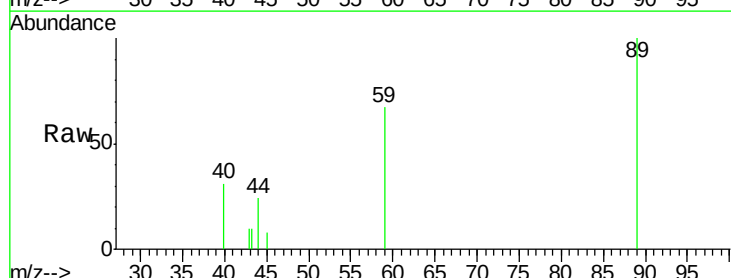
Acq: 26 Feb 2020 10:49

Tgt Ion: 59 Resp: 1458

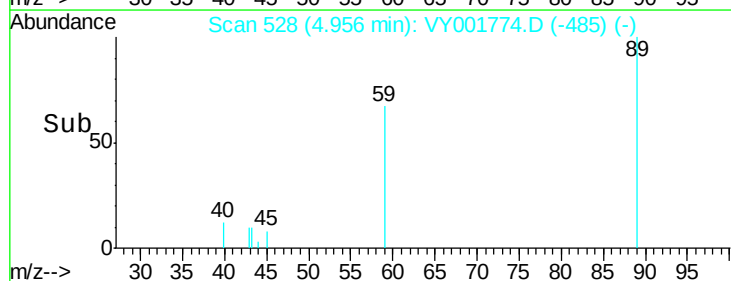
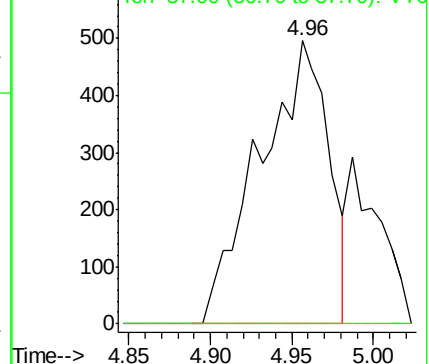
Ion Ratio Lower Upper

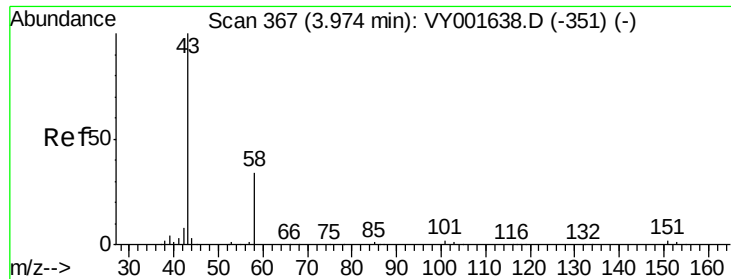
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001774.D (-485) (-)





#16

Acetone

Concen: 2.46 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

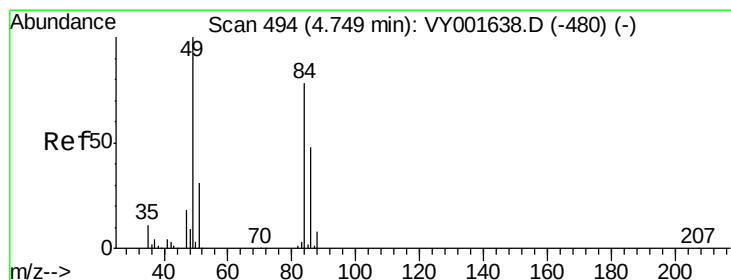
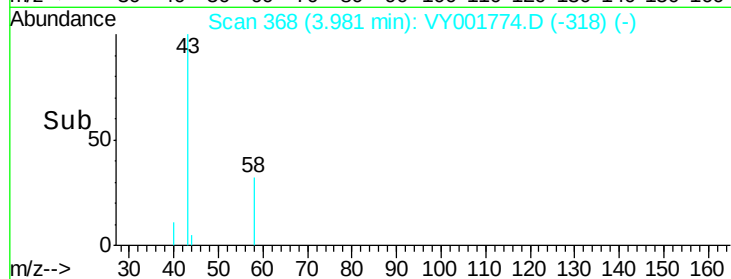
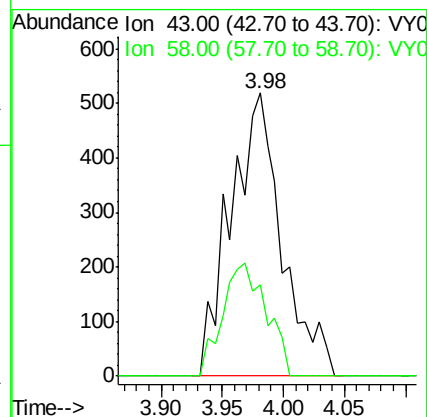
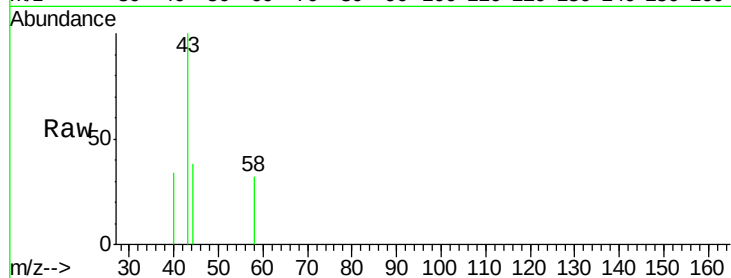
VY0226SBL01

Tgt Ion: 43 Resp: 1509

Ion Ratio Lower Upper

43 100

58 32.4 27.3 40.9



#20

Methylene Chloride

Concen: 3.91 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Tgt Ion: 84 Resp: 8532

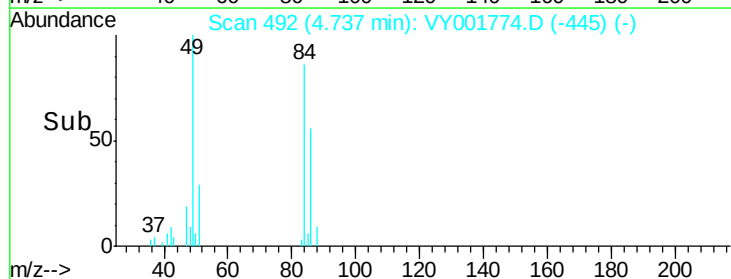
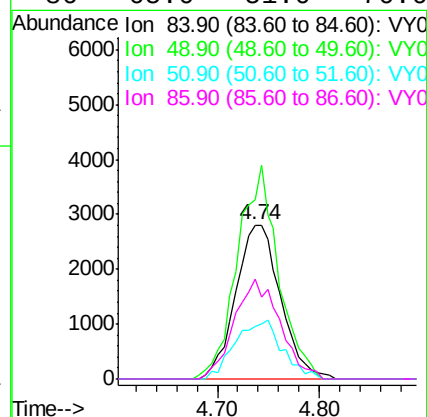
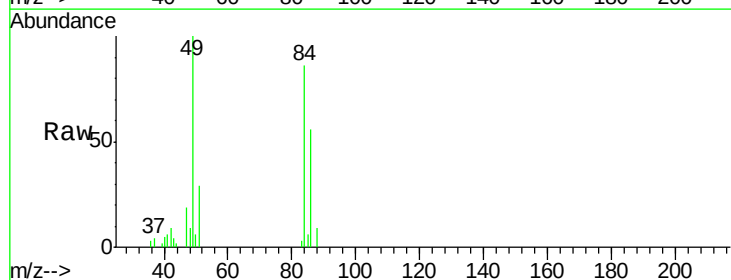
Ion Ratio Lower Upper

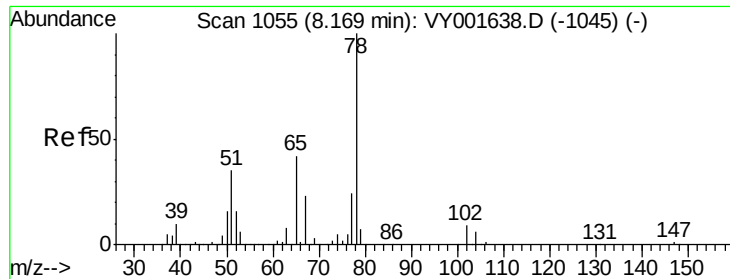
84 100

49 116.4 99.2 148.8

51 33.8 31.5 47.3

86 65.0 51.0 76.6

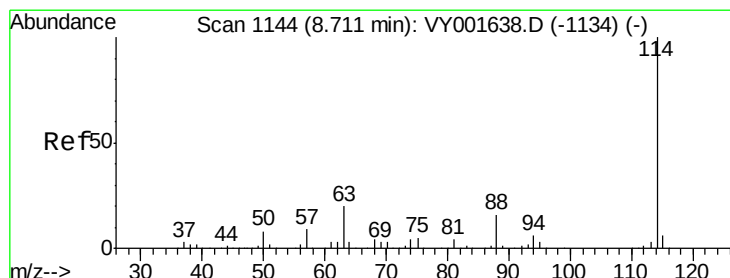
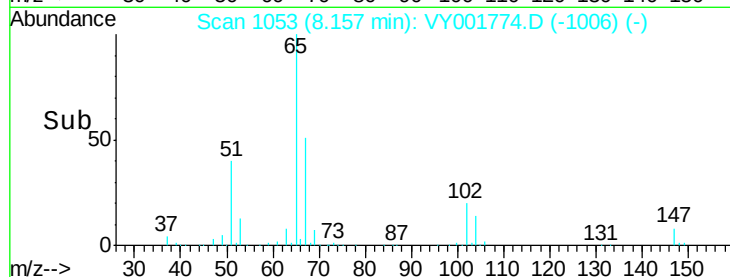
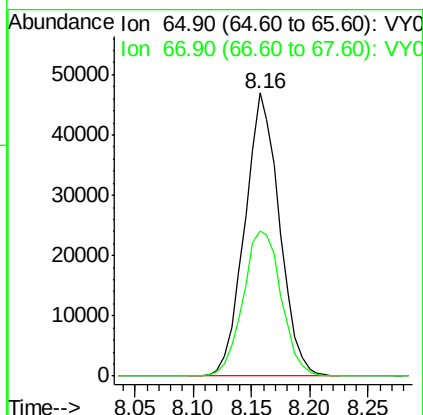
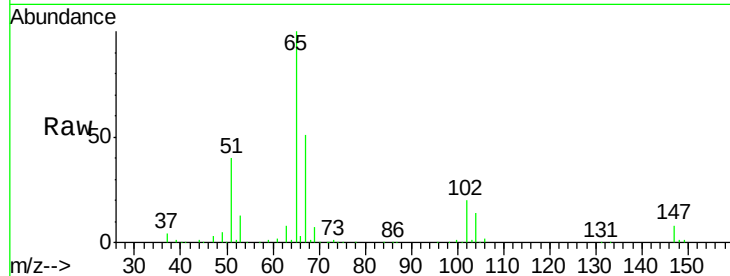




#33
 1,2-Dichloroethane-d4
 Concen: 55.05 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001774.D
 Acq: 26 Feb 2020 10:49

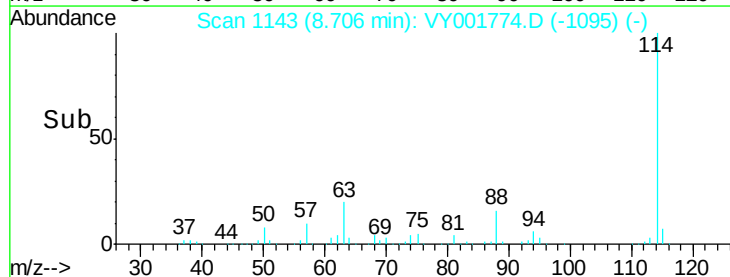
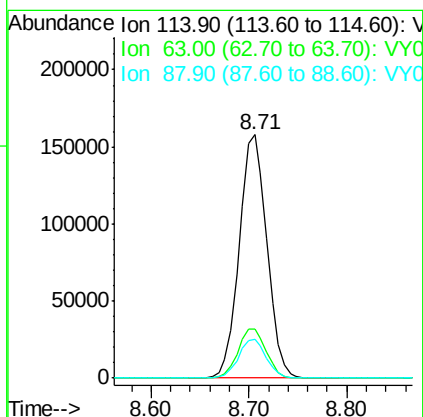
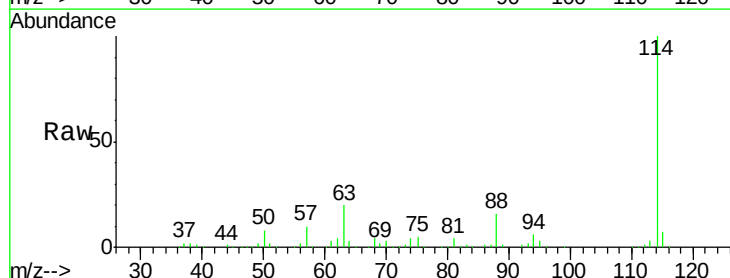
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

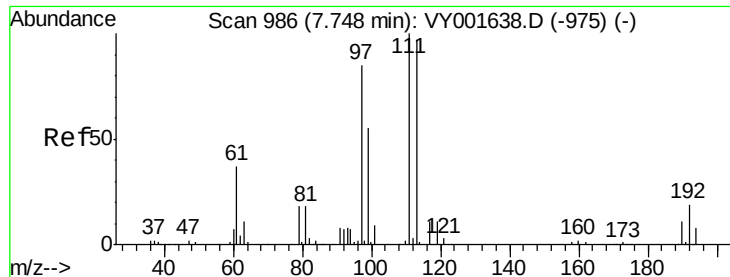
Tgt Ion: 65 Resp: 97645
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001774.D
 Acq: 26 Feb 2020 10:49

Tgt Ion: 114 Resp: 308955
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.00 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBL01

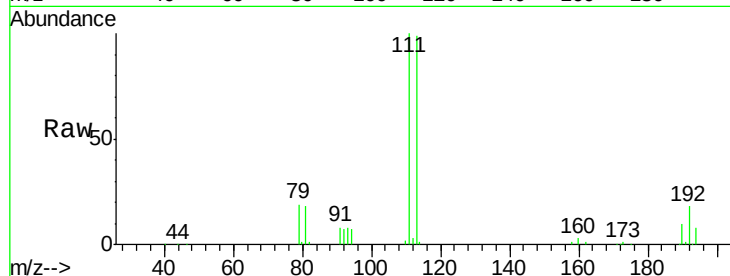
Tgt Ion:113 Resp: 90246

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

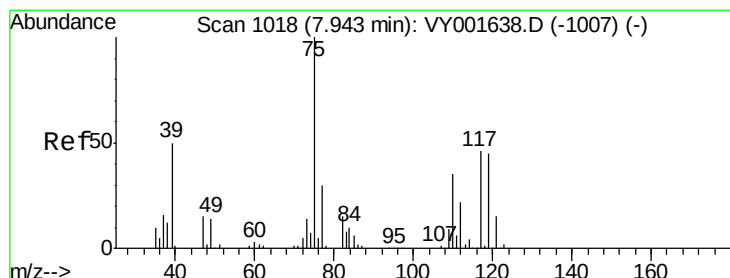
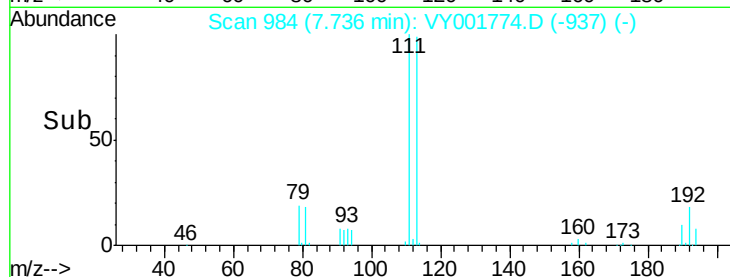
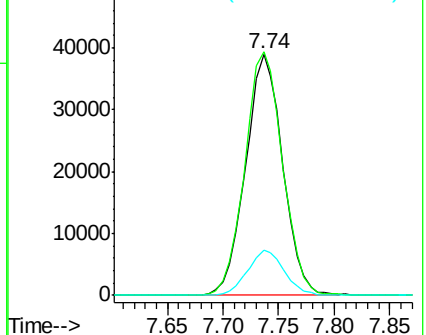
192 18.4 14.3 21.5



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: 4.80 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

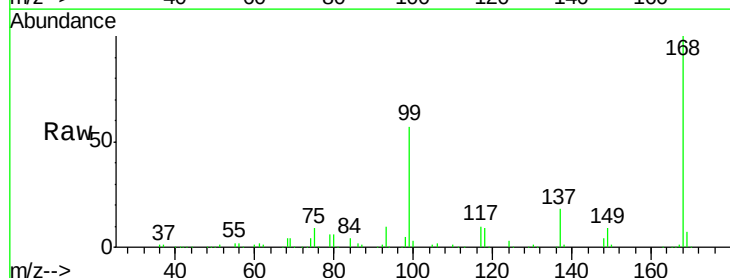
Tgt Ion: 75 Resp: 14171

Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

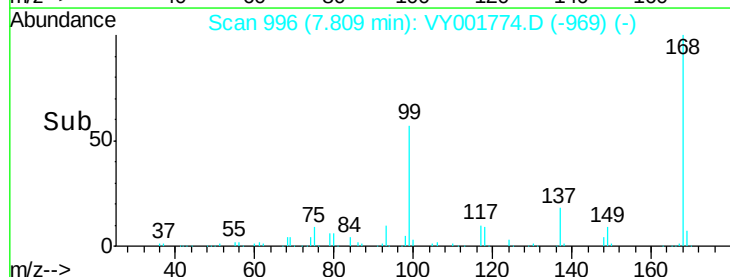
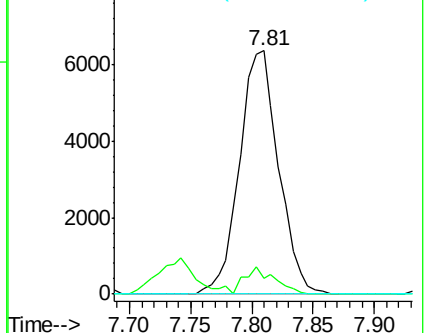
77 0.0 24.8 37.2#

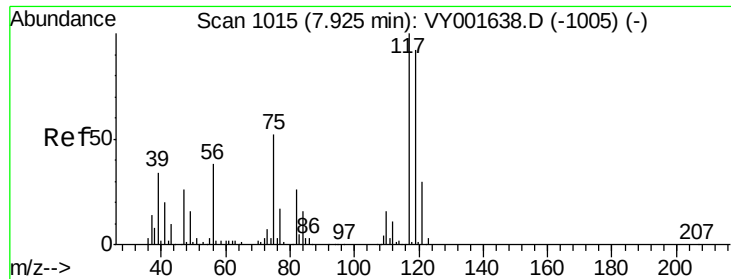


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.44 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBL01

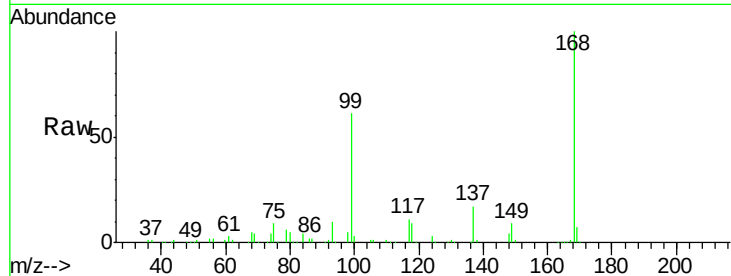
Tgt Ion:117 Resp: 16703

Ion Ratio Lower Upper

117 100

119 4.3 74.8 112.2#

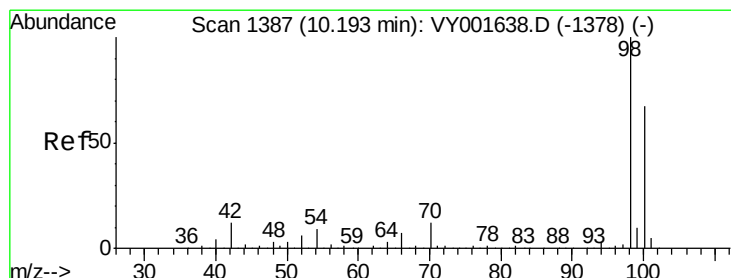
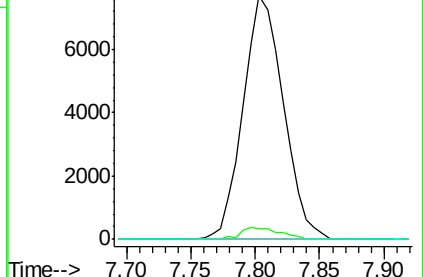
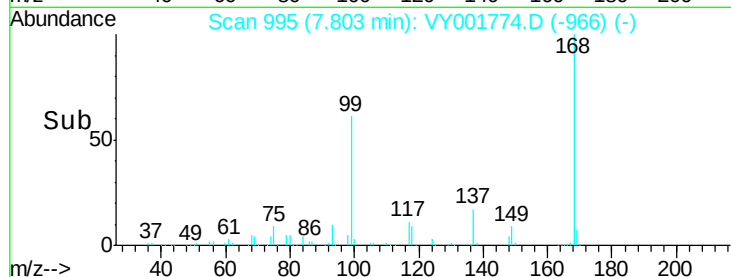
121 0.0 23.8 35.6#



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: 53.58 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001774.D

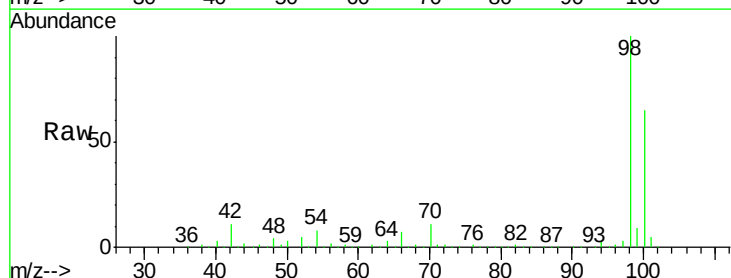
Acq: 26 Feb 2020 10:49

Tgt Ion: 98 Resp: 371453

Ion Ratio Lower Upper

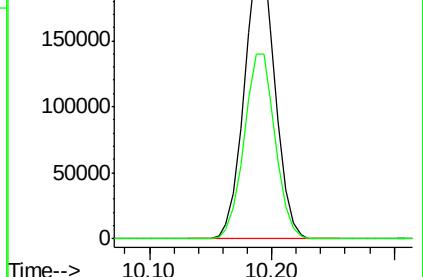
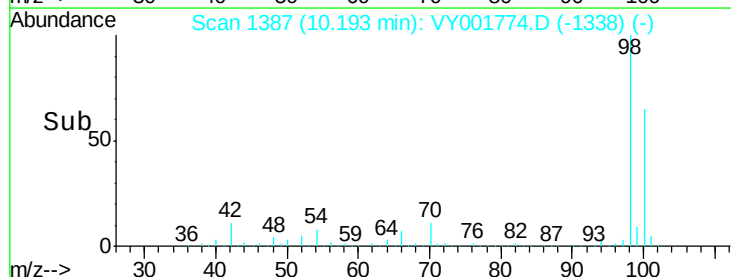
98 100

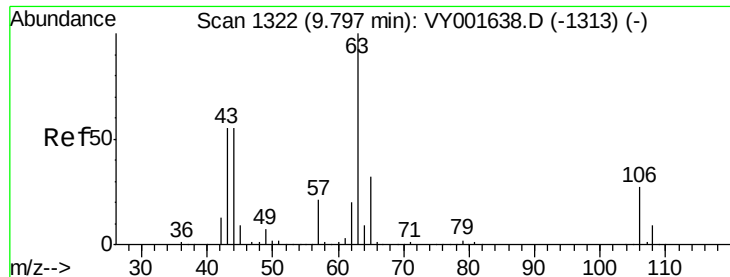
100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.78 min Scan# 1319

Delta R.T. -0.02 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

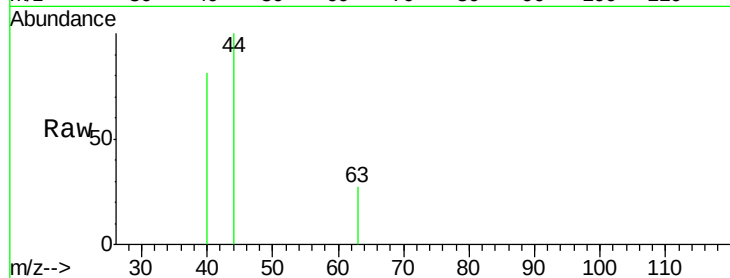
VY0226SBL01

Tgt Ion: 63 Resp: 26

Ion Ratio Lower Upper

63 100

106 0.0 21.6 32.4#

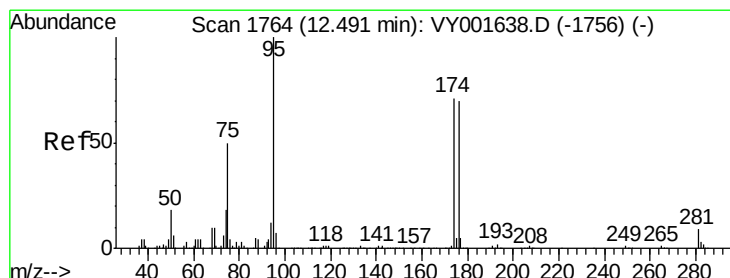
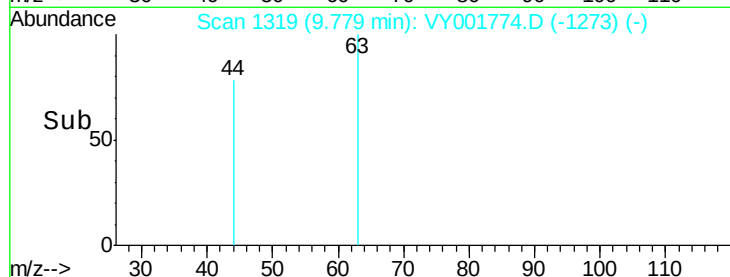


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

Time-->



#62

4-Bromofluorobenzene

Concen: 46.88 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

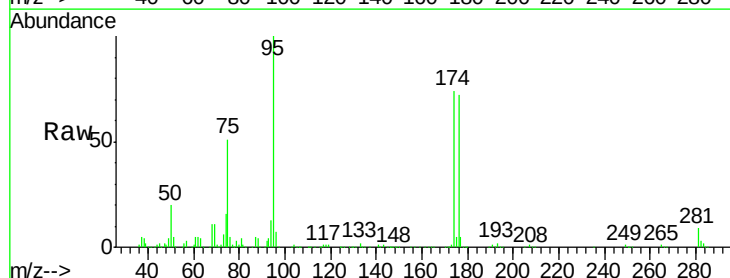
Tgt Ion: 95 Resp: 126258

Ion Ratio Lower Upper

95 100

174 73.5 0.0 138.4

176 71.8 0.0 131.8



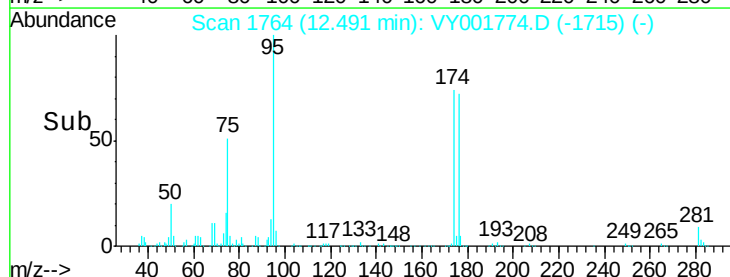
Abundance Ion 94.90 (94.60 to 95.60): VY0

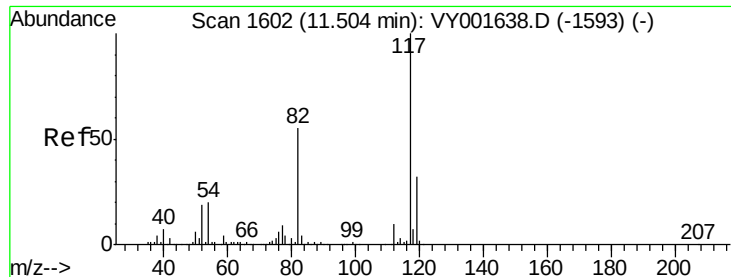
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

Time-->

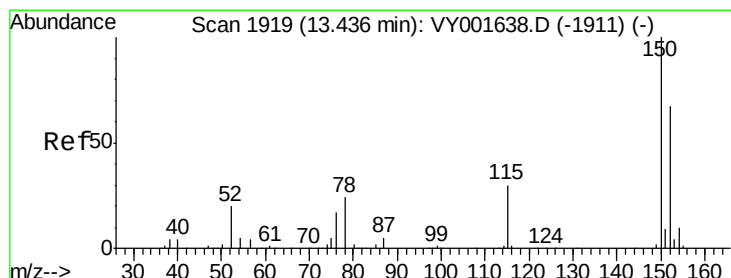
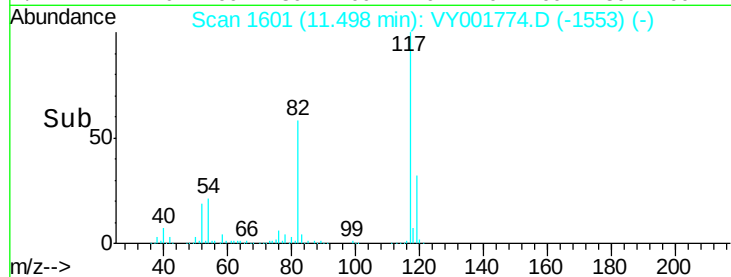
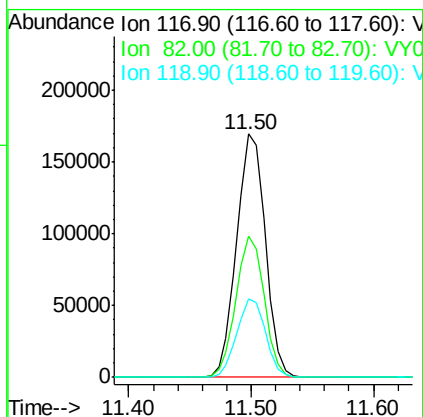
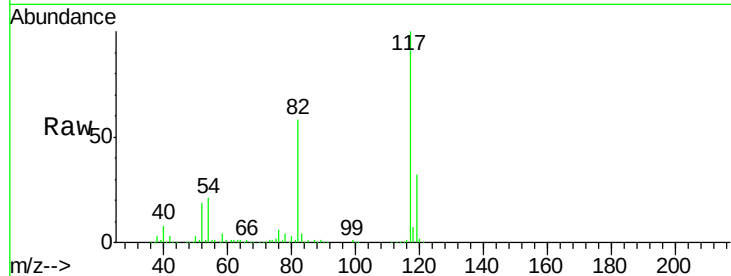




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001774.D
Acq: 26 Feb 2020 10:49

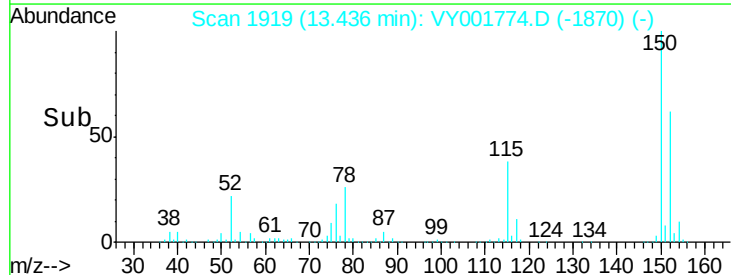
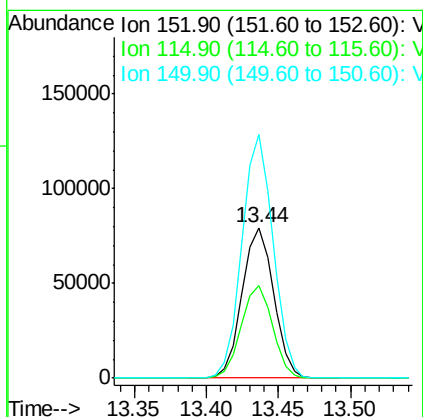
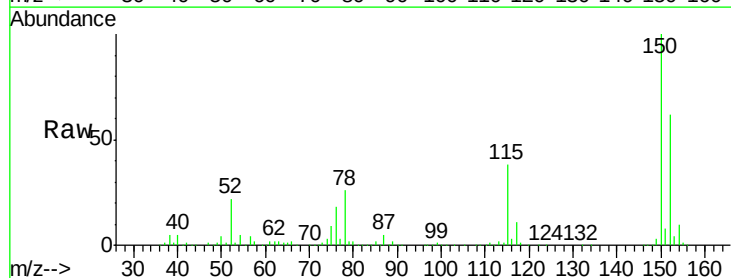
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

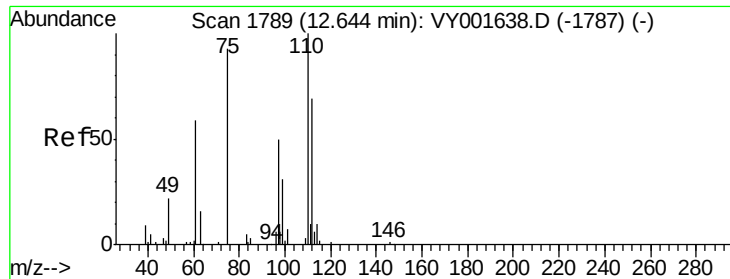
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.5	68.3
119	32.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001774.D
Acq: 26 Feb 2020 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.4	94.2
150	159.2	0.0	407.2

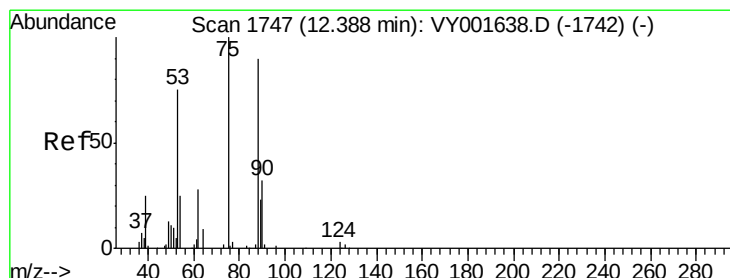
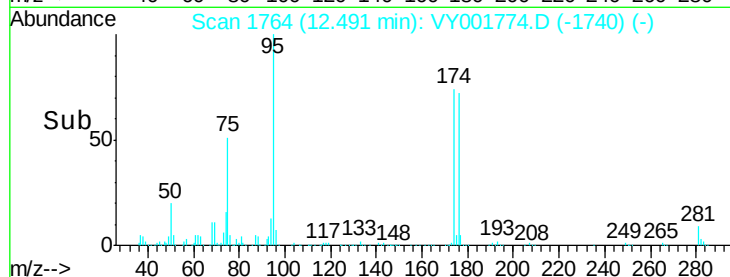
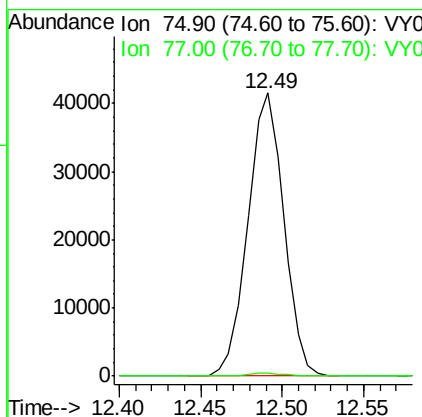
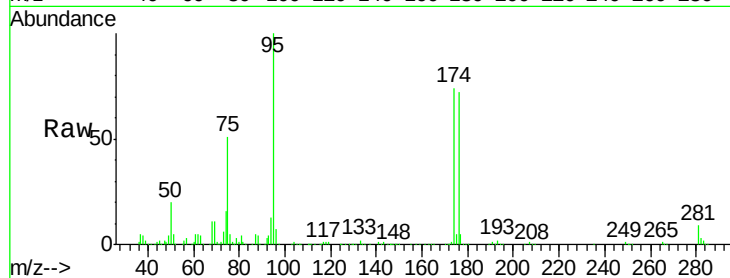




#76
 1,2,3-Trichloropropane
 Concen: 46.12 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001774.D
 Acq: 26 Feb 2020 10:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

Tgt Ion: 75 Resp: 63888
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.49 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001774.D
 Acq: 26 Feb 2020 10:49

Tgt Ion: 75 Resp: 63888
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.2 36.3 54.5#

