

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001837.D
 Acq On : 03 Mar 2020 16:04
 Operator : SY/MD
 Sample : L1772-01
 Misc : 5.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-9

Quant Time: Mar 04 03:41:18 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	145347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111714	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	92239	59.00	ug/l	0.00
Spiked Amount			Recovery	=	118.00%	
35) Dibromofluoromethane	7.74	113	83521	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
50) Toluene-d8	10.19	98	343783	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.49	95	115962	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	

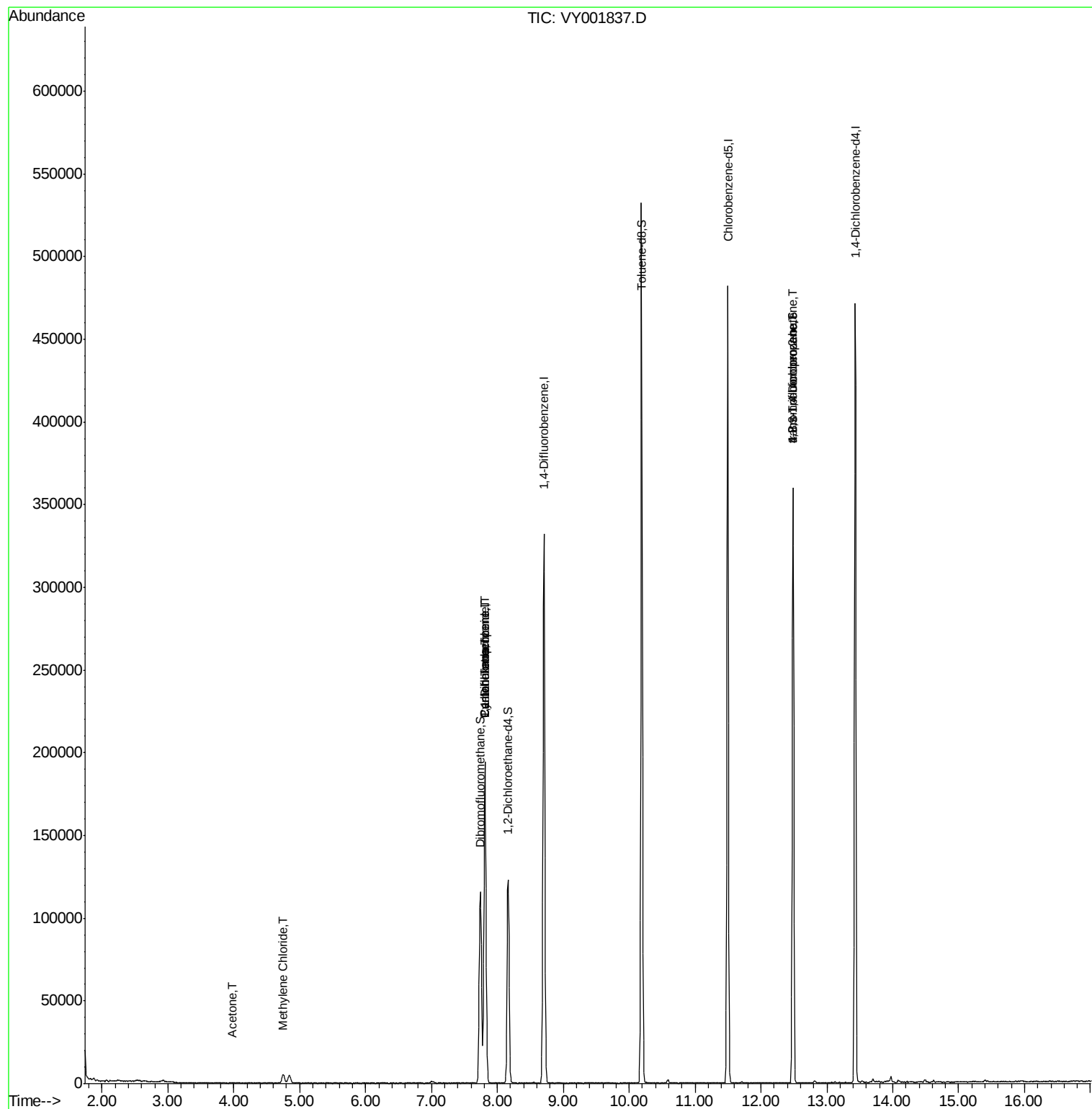
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	191	Below Cal	#	74
16) Acetone	3.97	43	825	1.525	ug/l #	41
20) Methylene Chloride	4.75	84	3636	1.892	ug/l #	78
31) Cyclohexane	7.81	56	3312	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12638	4.699	ug/l #	50
38) Carbon Tetrachloride	7.81	117	15495	6.560	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	58641	45.759	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58641	86.814	ug/l #	17

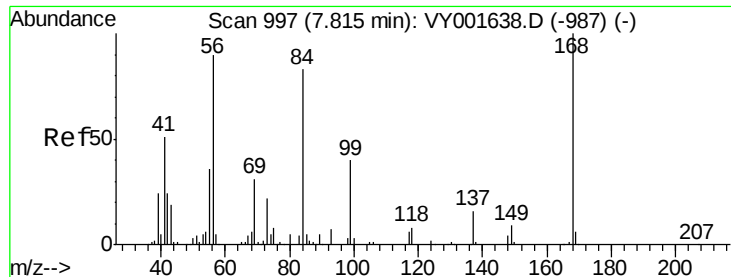
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Instrument :

MSVOA_Y

ClientSampled :

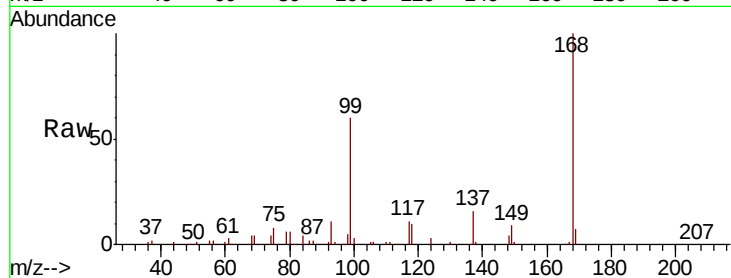
EP-9

Tot Ion:168 Resp: 145347

Ion Ratio Lower Upper

168 100

99 59.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001837.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001837.D (-948) (-)

7.81

60000

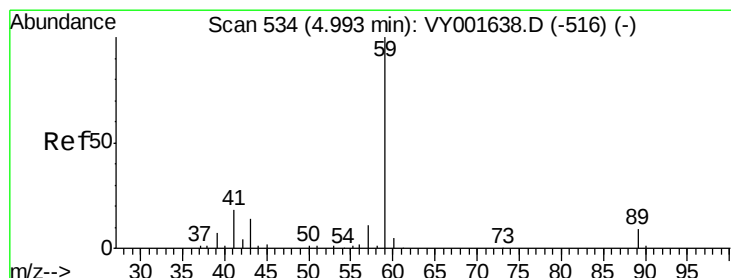
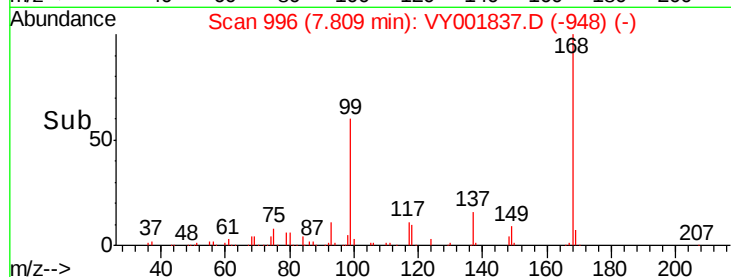
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. -0.02 min

Lab File: VY001837.D

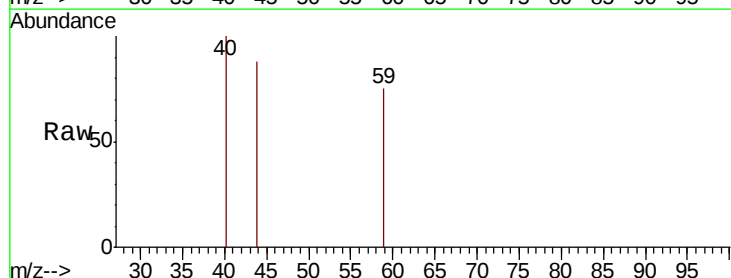
Acq: 03 Mar 2020 16:04

Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001837.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001837.D (-485) (-)

4.97

120

100

80

60

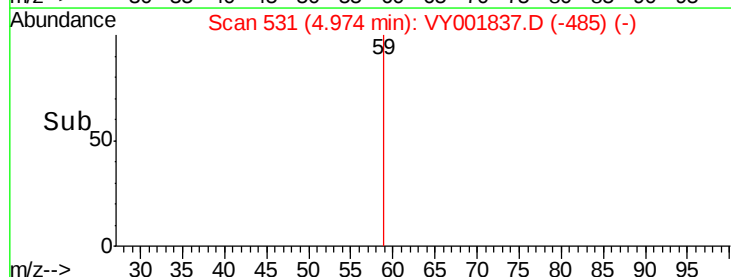
40

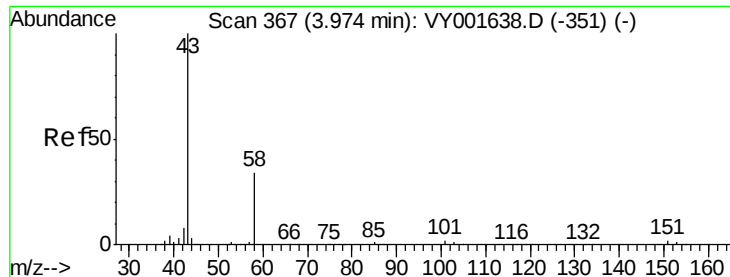
20

0

Time-->

4.95 5.00





#16

Acetone

Concen: 1.525 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

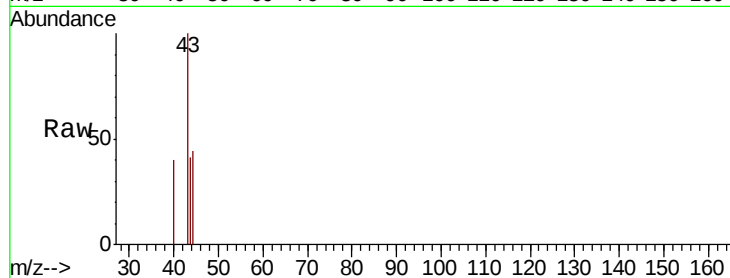
EP-9

Tot Ion: 43 Resp: 825

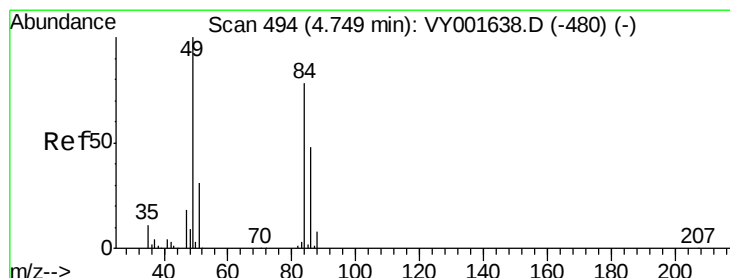
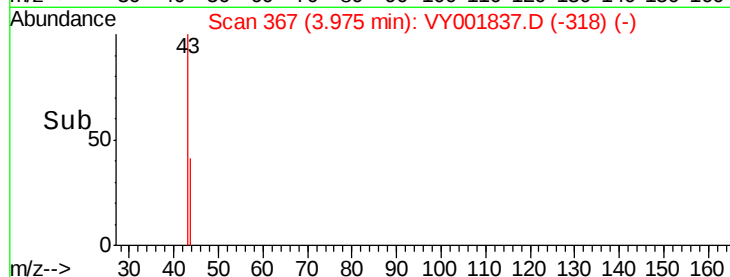
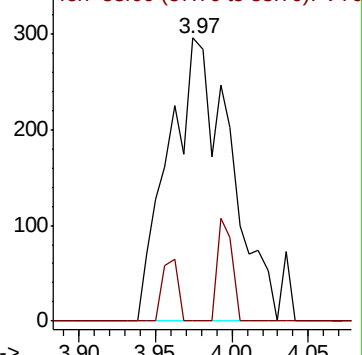
Ion Ratio Lower Upper

43 100

58 0.0 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001837.D (-351) (-)



#20

Methylene Chloride

Concen: 1.892 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Tgt Ion: 84 Resp: 3636

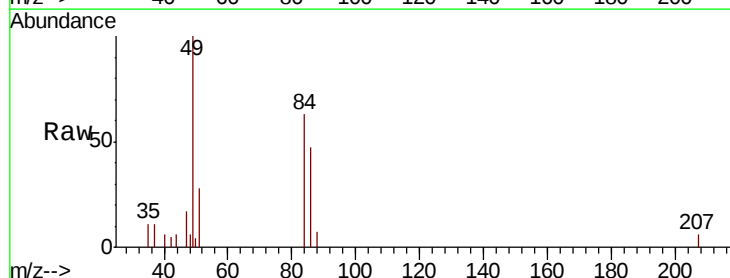
Ion Ratio Lower Upper

84 100

49 159.2 99.2 148.8#

51 44.2 31.5 47.3

86 74.4 51.0 76.6

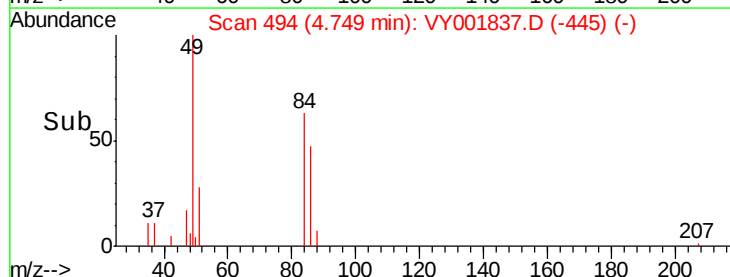
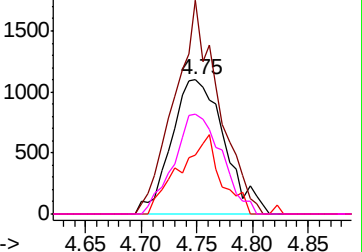


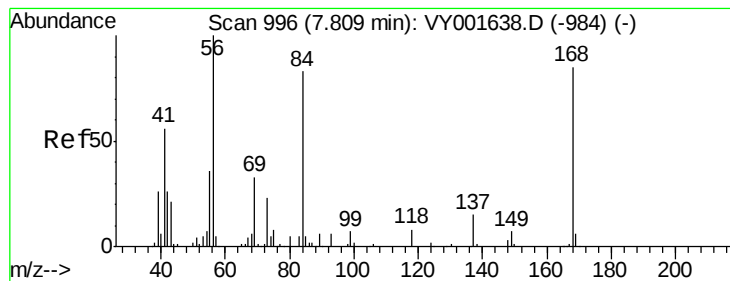
Abundance Ion 83.90 (83.60 to 84.60): VY001837.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001837.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001837.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001837.D (-480) (-)





#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

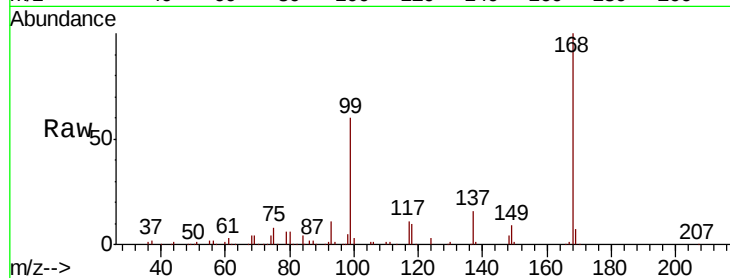
Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tot Ion: 56 Resp: 3312

Ion	Ratio	Lower	Upper
56	100		
69	163.4	25.1	37.7#
84	197.3	66.9	100.3#

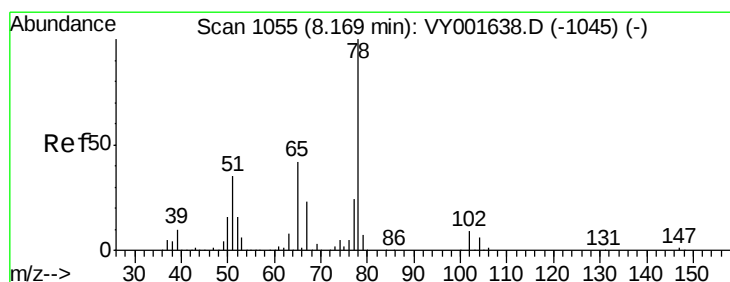
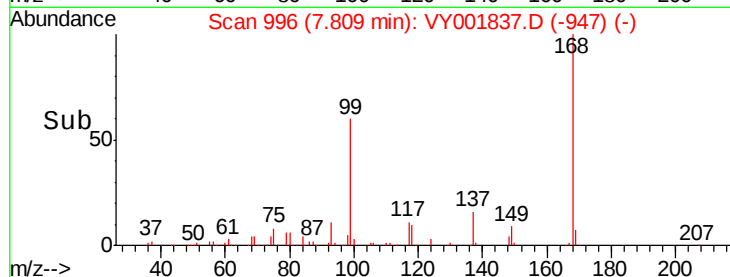
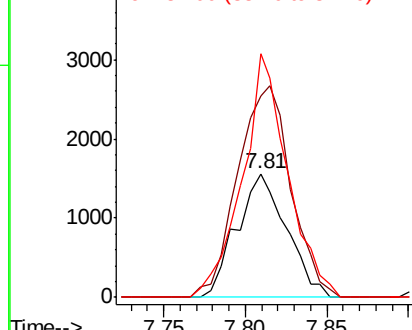


Abundance

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: 58.998 ug/l

RT: 8.16 min Scan# 1054

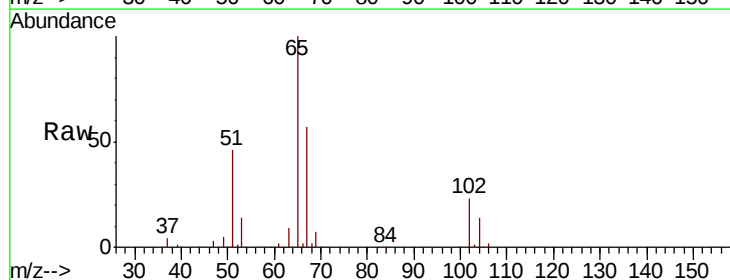
Delta R.T. -0.01 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Tgt Ion: 65 Resp: 92239

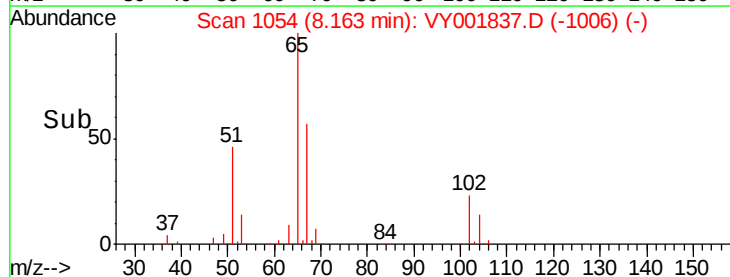
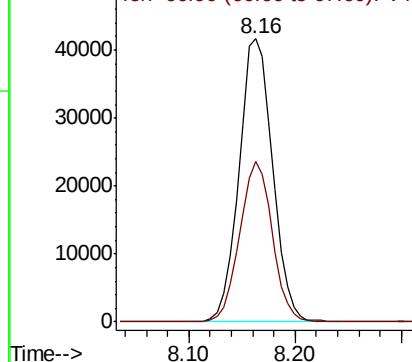
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.0

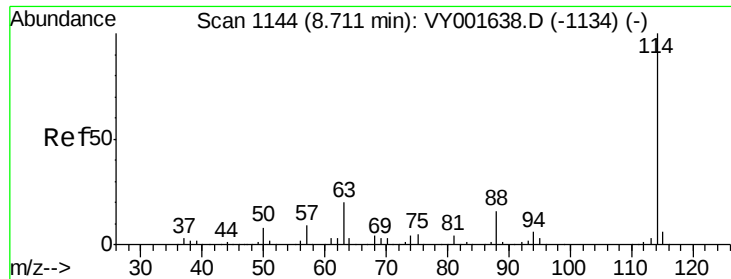


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

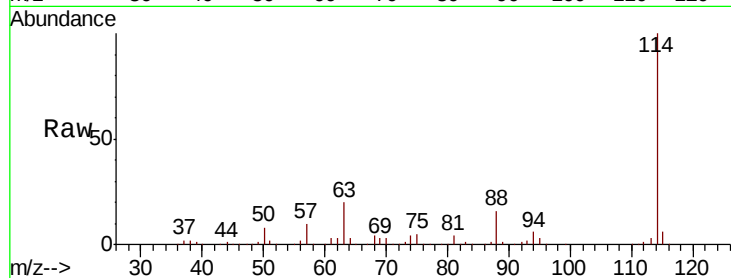




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001837.D
 Acq: 03 Mar 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-9

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	15.9	0.0	32.8

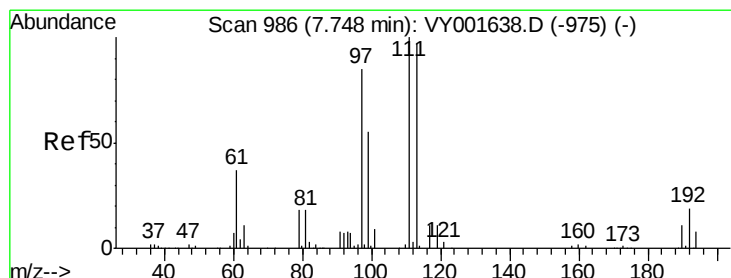
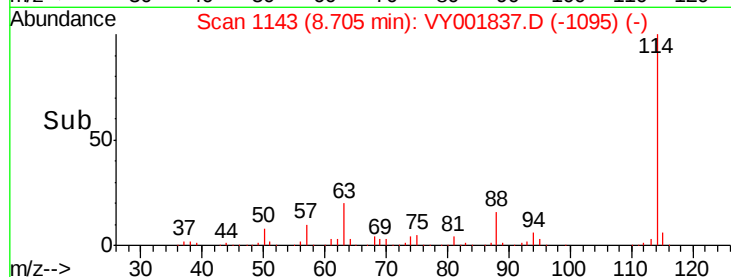
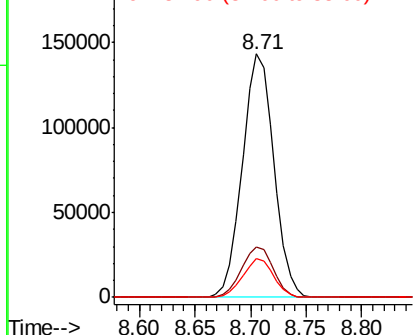


Abundance

Ion 113.90 (113.60 to 114.60): V

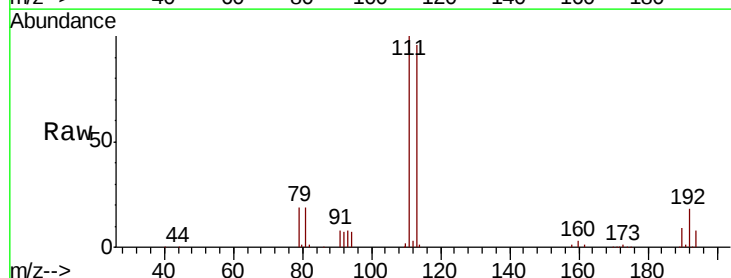
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 51.794 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001837.D
 Acq: 03 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	17.2	14.3	21.5

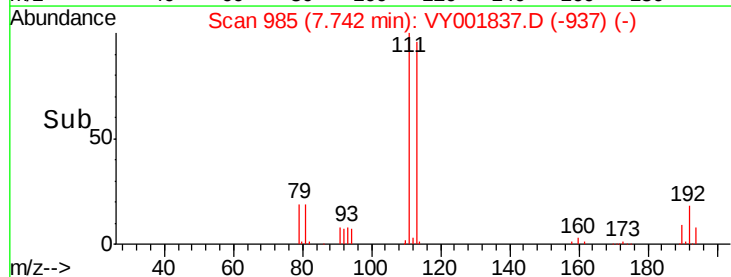
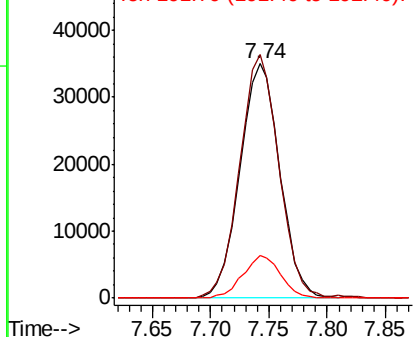


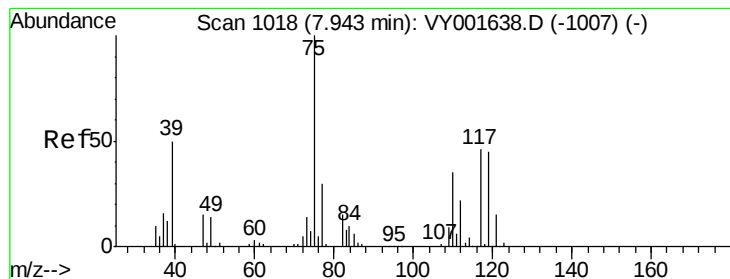
Abundance

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: 4.699 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

EP-9

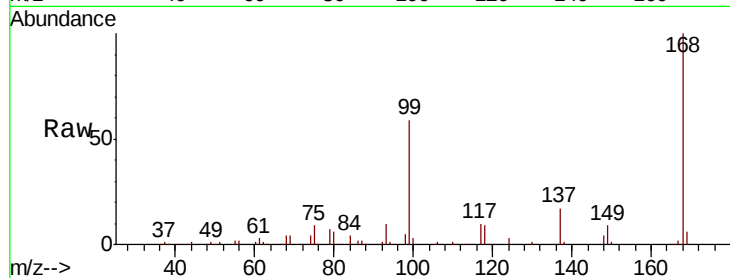
Tot Ion: 75 Resp: 12638

Ion Ratio Lower Upper

75 100

110 8.7 17.2 51.6#

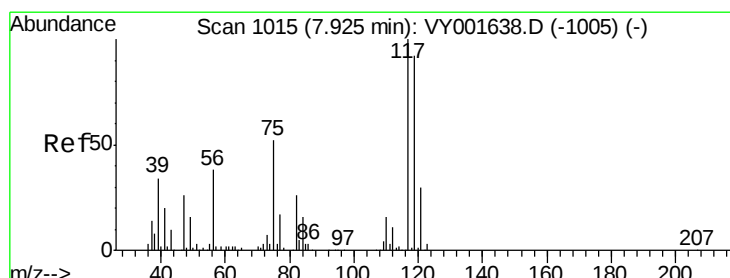
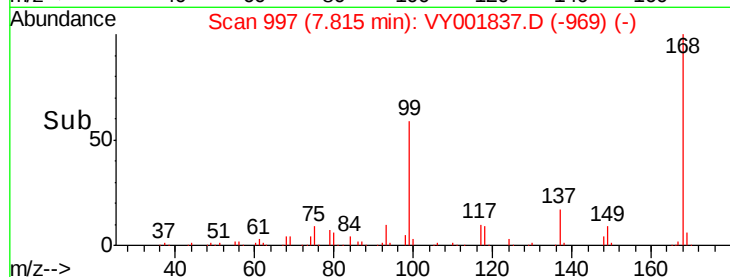
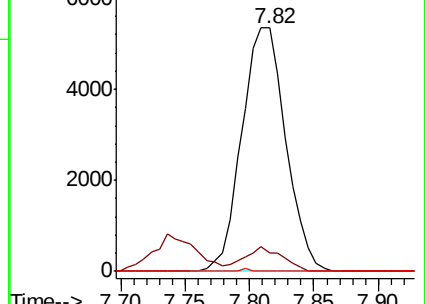
77 0.2 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY001837.D (-969) (-)

Ion 109.90 (109.60 to 110.60): VY001837.D (-969) (-)

Ion 76.90 (76.60 to 77.60): VY001837.D (-969) (-)



#38

Carbon Tetrachloride

Concen: 6.560 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

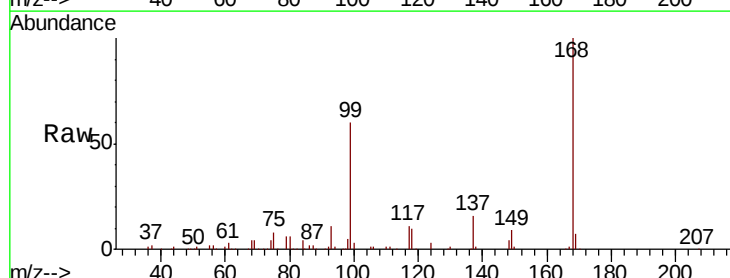
Tgt Ion: 117 Resp: 15495

Ion Ratio Lower Upper

117 100

119 3.6 74.8 112.2#

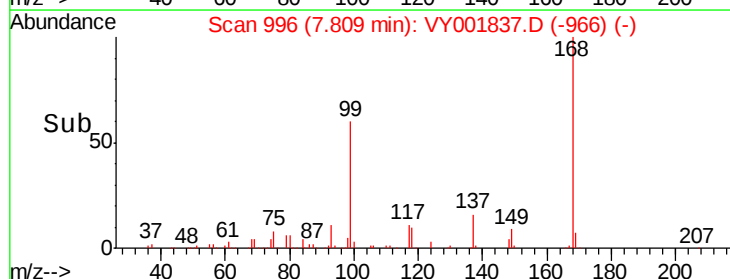
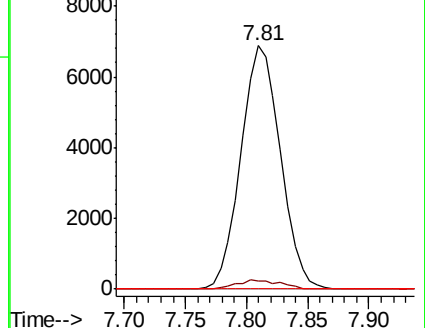
121 0.0 23.8 35.6#

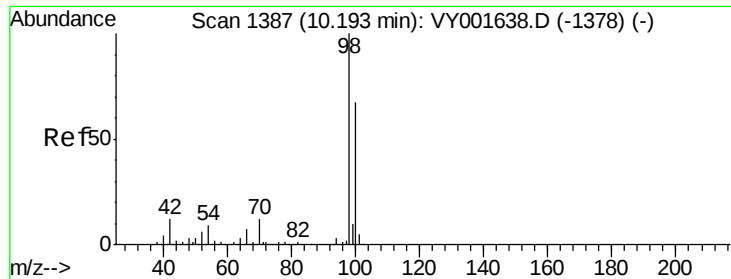


Abundance Ion 116.80 (116.50 to 117.50): VY001837.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001837.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001837.D (-966) (-)





#50

Toluene-d8

Concen: 54.418 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Instrument :

MSVOA_Y

ClientSampled :

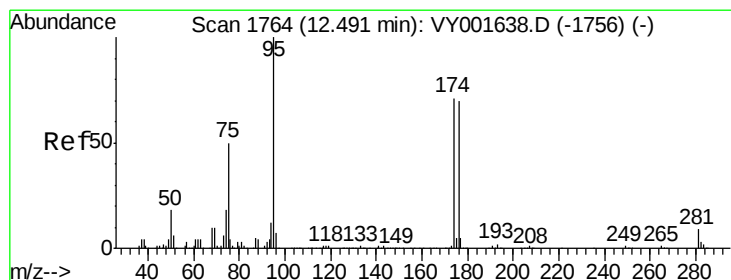
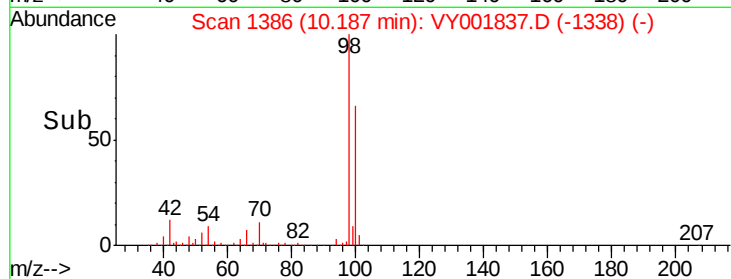
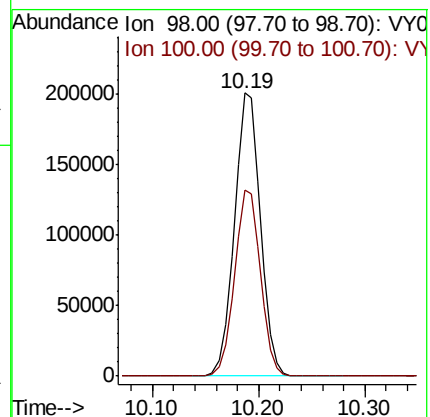
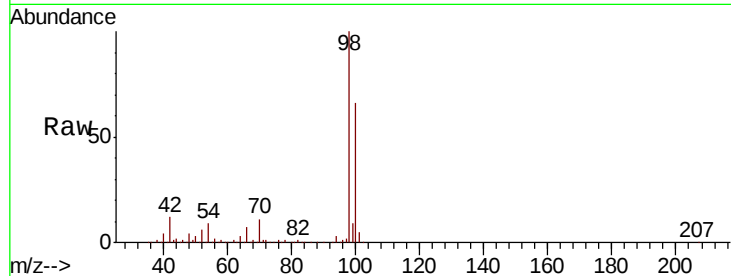
EP-9

Tot Ion: 98 Resp: 343783

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.249 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

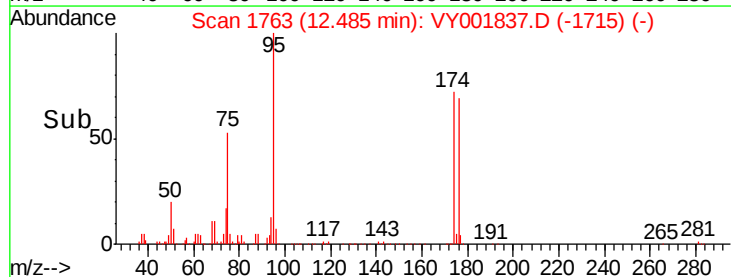
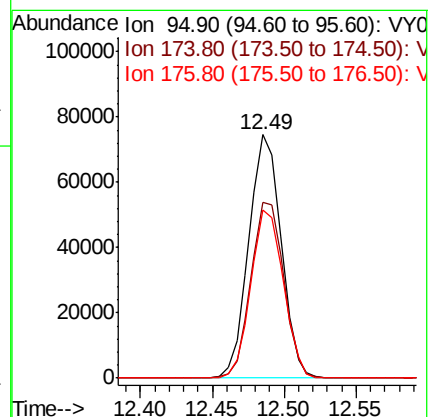
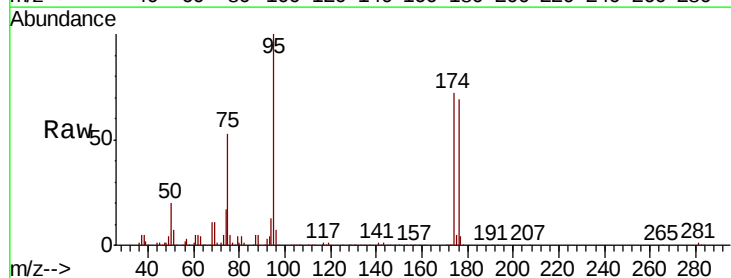
Tgt Ion: 95 Resp: 115962

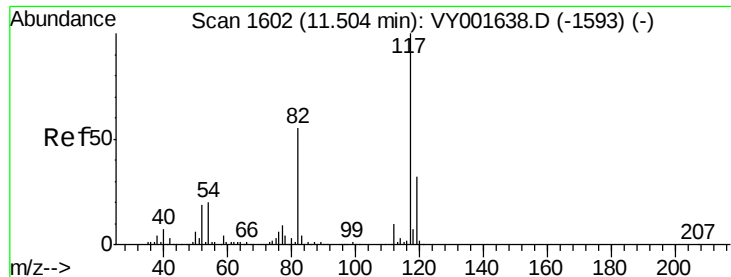
Ion Ratio Lower Upper

95 100

174 73.1 0.0 138.4

176 69.7 0.0 131.8

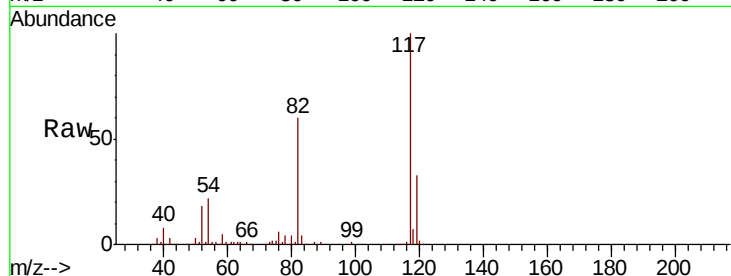




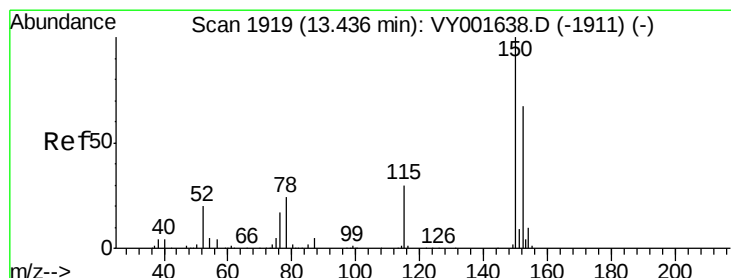
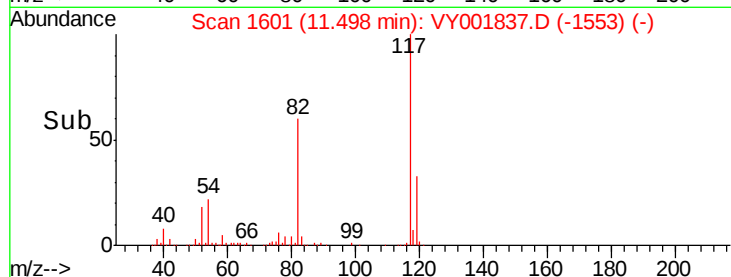
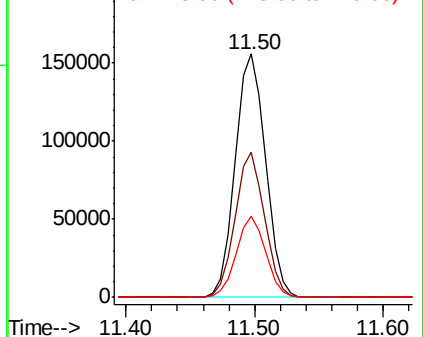
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001837.D
Acq: 03 Mar 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tot Ion:117 Resp: 254193
Ion Ratio Lower Upper
117 100
82 59.7 45.5 68.3
119 33.5 25.8 38.6

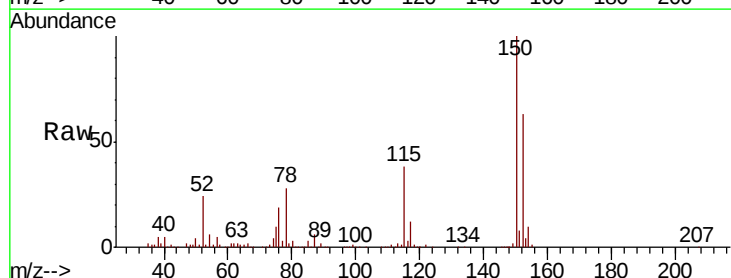


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

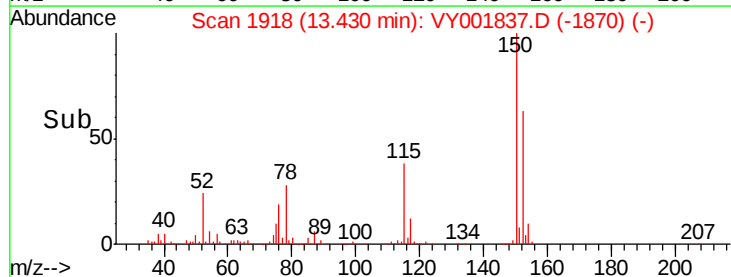
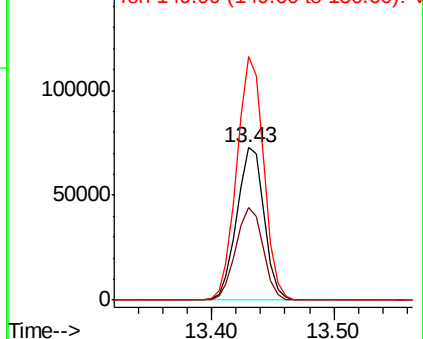


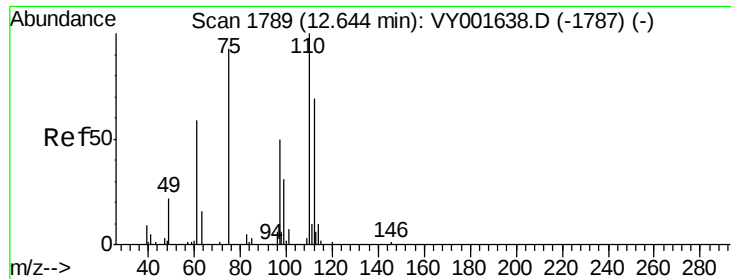
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001837.D
Acq: 03 Mar 2020 16:04

Tgt Ion:152 Resp: 111714
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.2
150 157.6 0.0 407.2



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

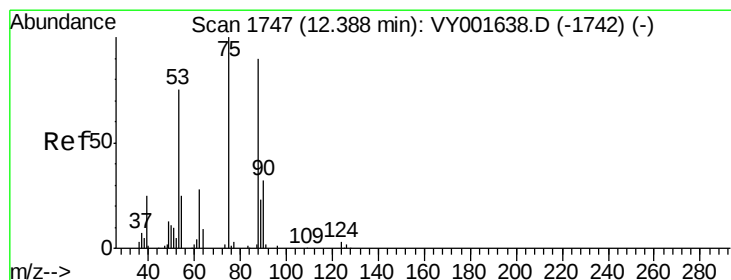
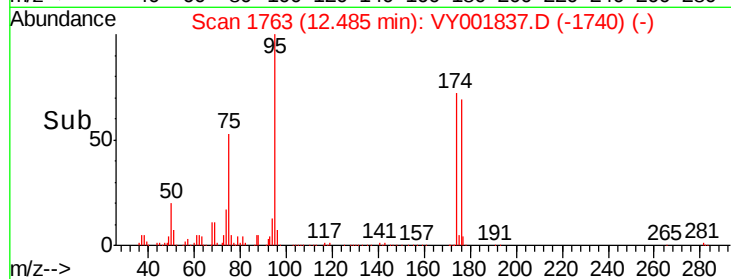
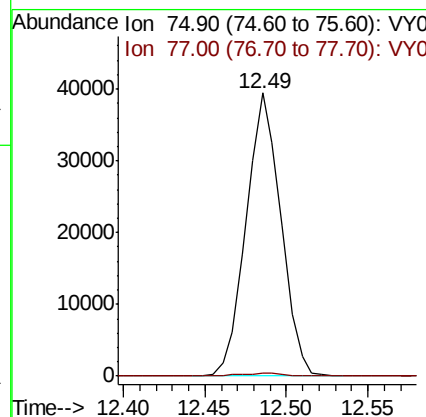
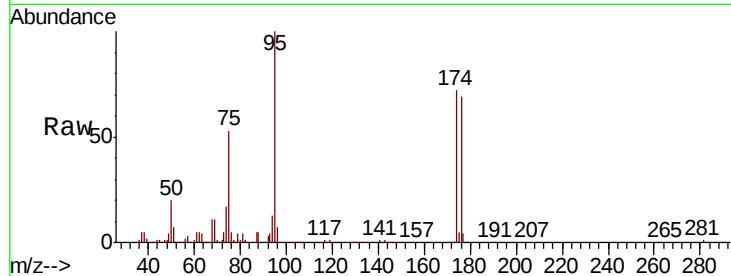




#76
 1,2,3-Trichloropropane
 Concen: 45.759 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY001837.D
 Acq: 03 Mar 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-9

Tot Ion: 75 Resp: 58641
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.814 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001837.D
 Acq: 03 Mar 2020 16:04

Tgt Ion: 75 Resp: 58641
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.0 36.3 54.5#

