

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000819.D
 Acq On : 27 Nov 2019 15:18
 Operator : SY/MD
 Sample : K6090-02
 Misc : 6.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 22:08:56 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

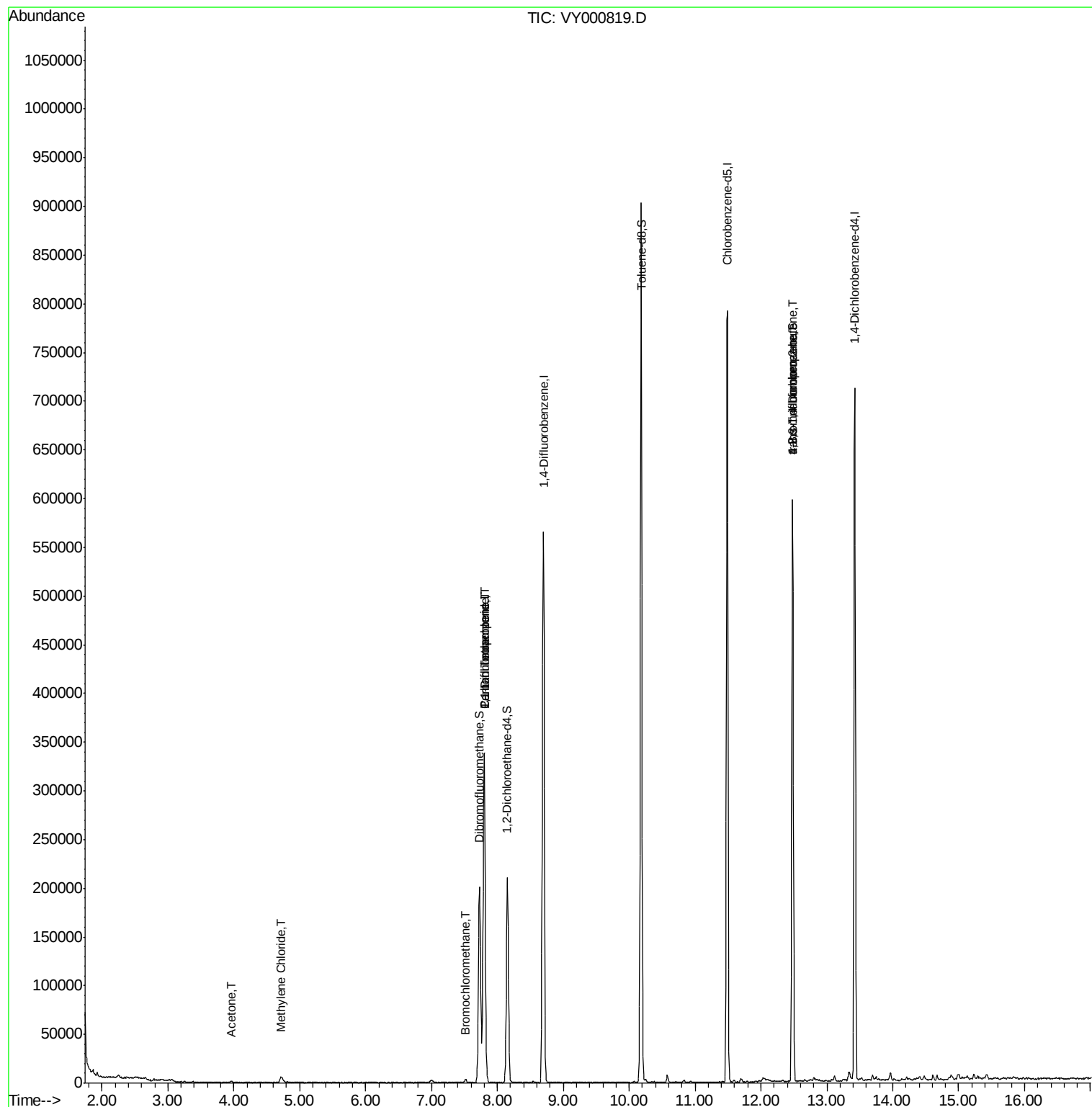
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	489615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	163634	59.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.16%	
35) Dibromofluoromethane	7.73	113	141510	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.18	98	581163	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.48	95	183266	42.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.56%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.67	94	399	Below Cal	#	3
16) Acetone	3.96	43	1605	2.526	ug/l #	80
20) Methylene Chloride	4.71	84	4228	1.262	ug/l #	80
28) Bromochloromethane	7.50	49	121	2.073	ug/l #	33
36) 1,1-Dichloropropene	7.80	75	22368	4.595	ug/l #	44
38) Carbon Tetrachloride	7.80	117	25977	5.992	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	96690	50.264	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96690	98.734	ug/l #	17

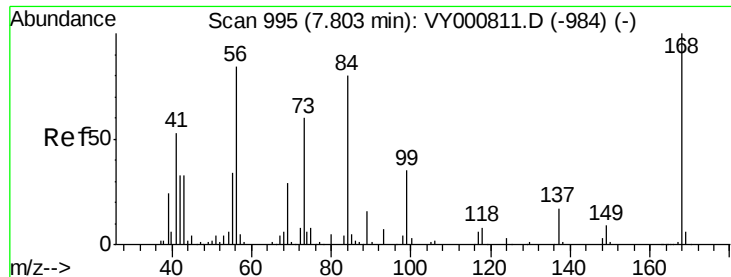
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY000819.D
Acq On : 27 Nov 2019 15:18
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Misc : 6.89G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 28 22:08:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000819.D

Acq: 27 Nov 2019 15:18

Instrument :

MSVOA_Y

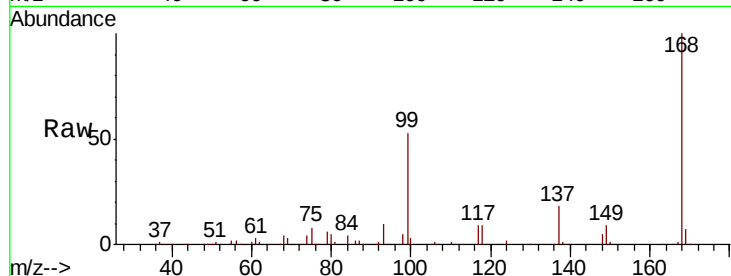
ClientSampled :

Tot Ion:168 Resp: 260665

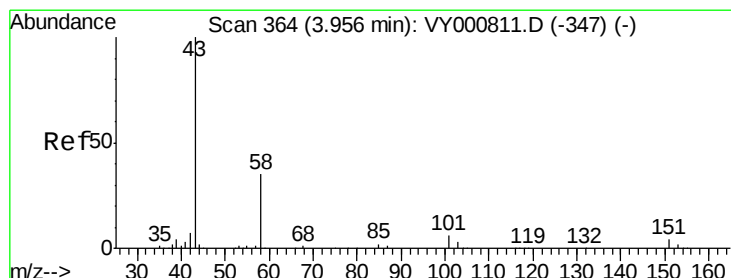
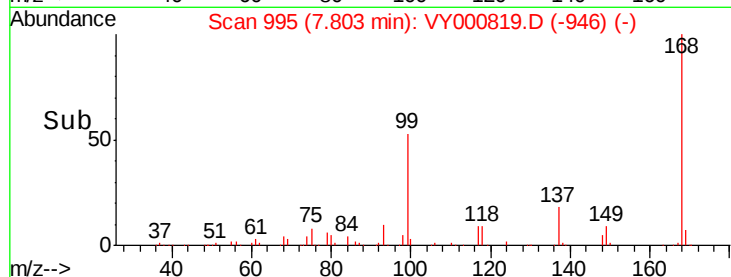
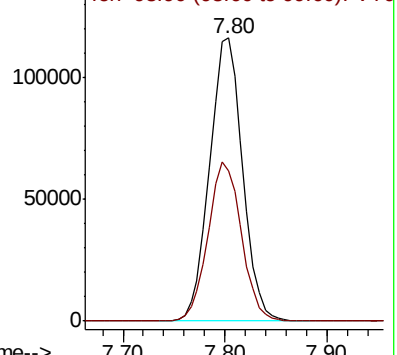
Ion Ratio Lower Upper

168 100

99 53.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000819.D (-946) (-)



#16

Acetone

Concen: 2.526 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000819.D

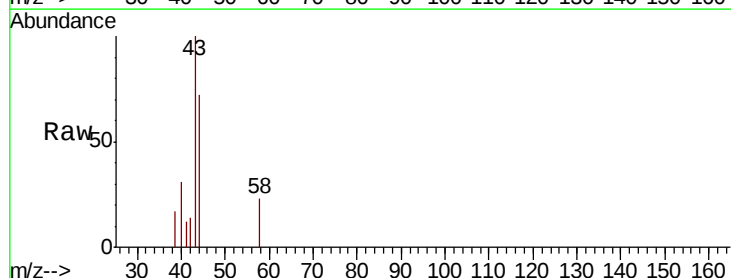
Acq: 27 Nov 2019 15:18

Tgt Ion: 43 Resp: 1605

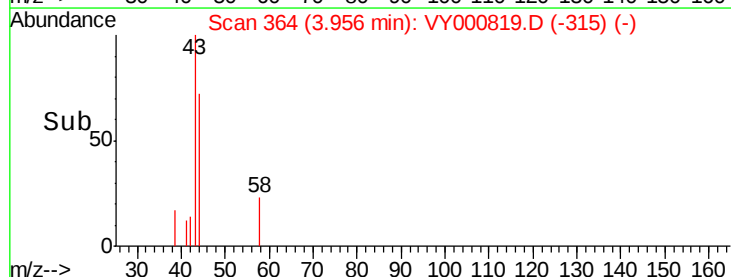
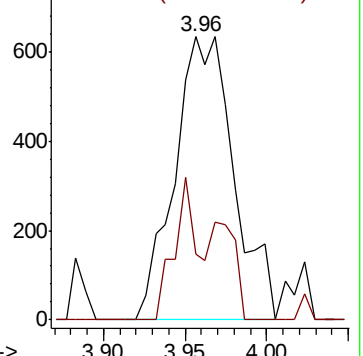
Ion Ratio Lower Upper

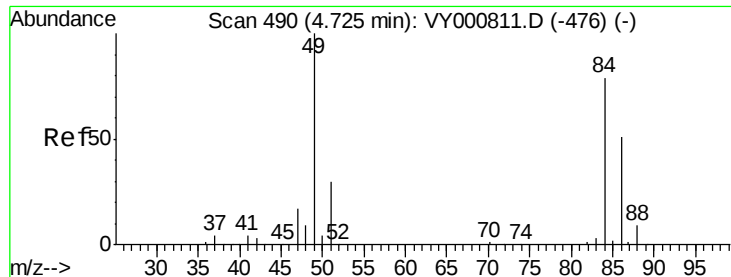
43 100

58 23.2 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000819.D (-315) (-)

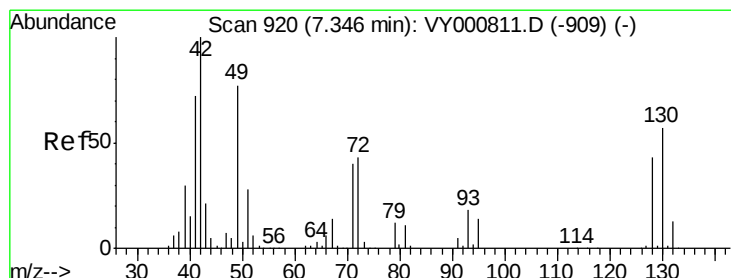
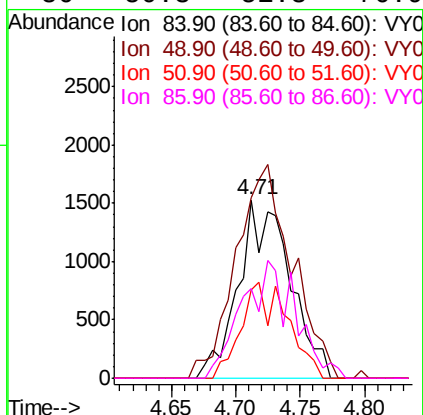
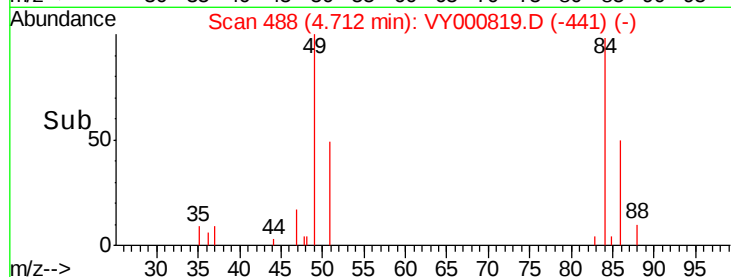
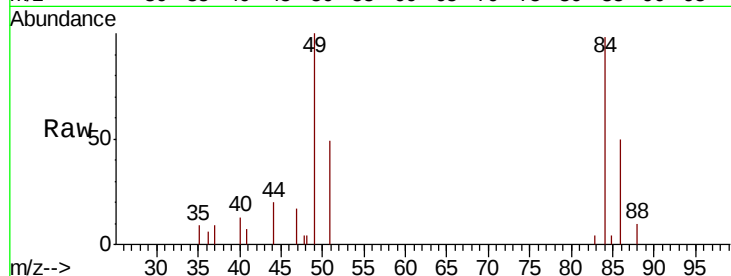




#20
Methvlene Chloride
Concen: 1.262 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000819.D
Acq: 27 Nov 2019 15:18

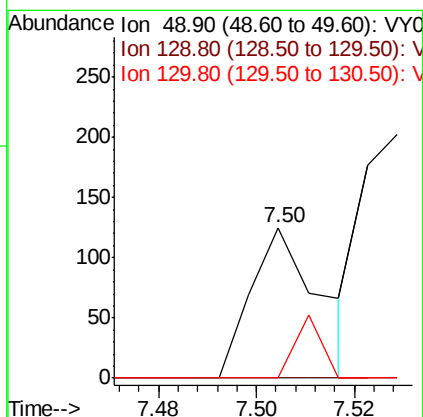
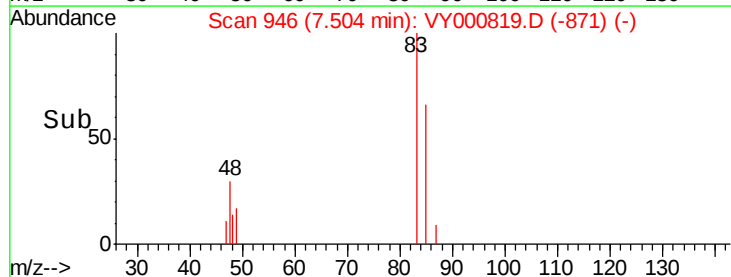
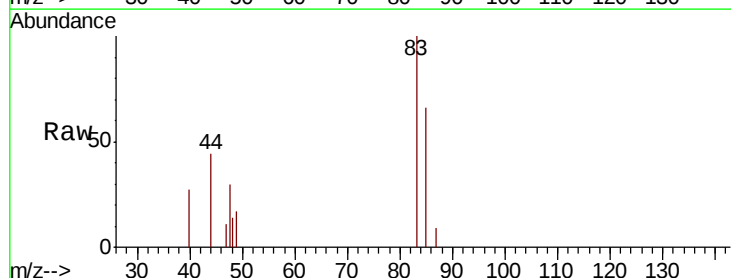
Instrument :
MSVOA_Y
ClientSampleId :

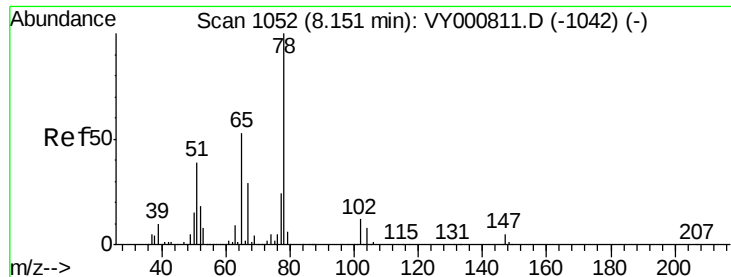
Tot Ion: 84 Resp: 4228
Ion Ratio Lower Upper
84 100
49 101.6 101.3 151.9
51 49.5 30.6 45.8#
86 50.3 51.3 76.9#



#28
Bromochloromethane
Concen: 2.073 ug/l
RT: 7.50 min Scan# 946
Delta R.T. 0.16 min
Lab File: VY000819.D
Acq: 27 Nov 2019 15:18

Tgt Ion: 49 Resp: 121
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 15.7 58.7 88.1#





#33

1,2-Dichloroethane-d4

Concen: 59.078 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000819.D

Acq: 27 Nov 2019 15:18

Instrument :

MSVOA_Y

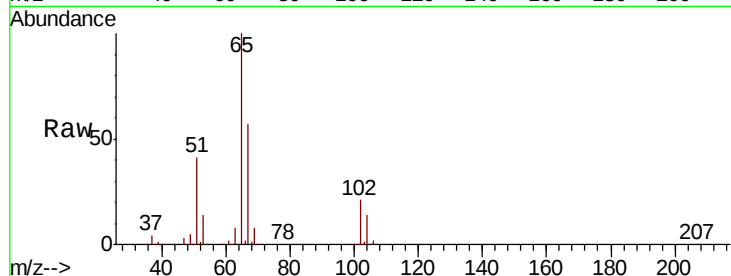
ClientSampled :

Tot Ion: 65 Resp: 163634

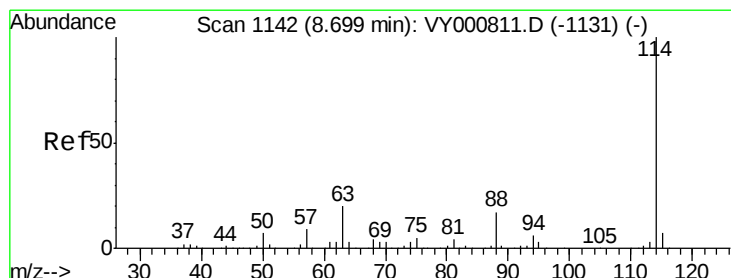
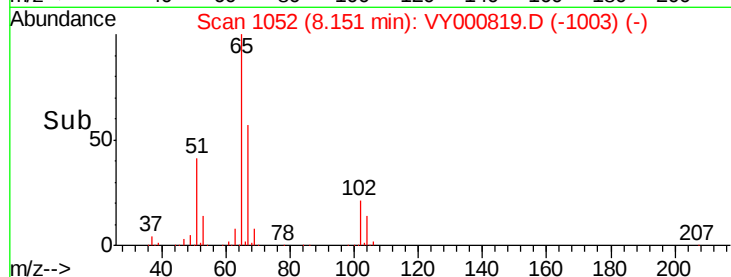
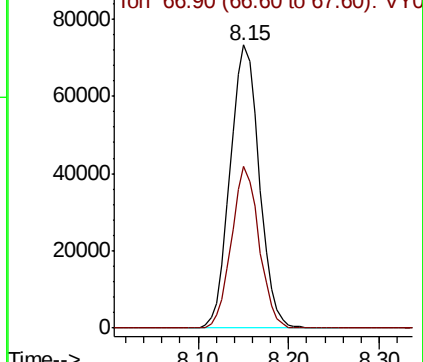
Ion Ratio Lower Upper

65 100

67 54.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000819.D (-1042) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000819.D

Acq: 27 Nov 2019 15:18

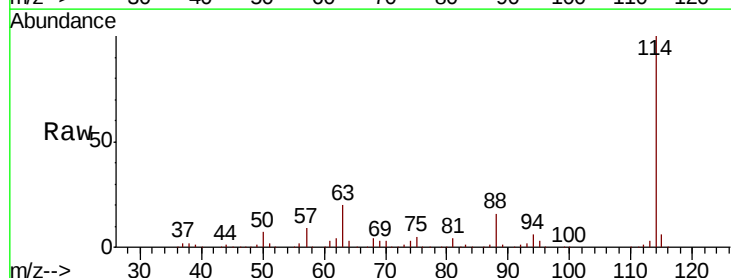
Tgt Ion: 114 Resp: 489615

Ion Ratio Lower Upper

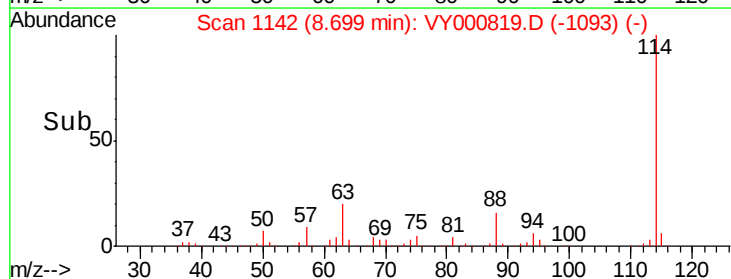
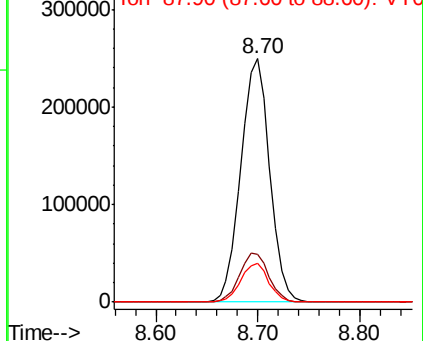
114 100

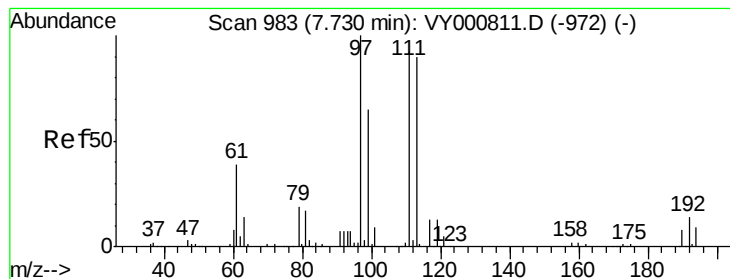
63 19.8 0.0 39.8

88 16.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VY000819.D (-1131) (-)





#35

Dibromofluoromethane

Concen: 49.592 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000819.D

Acq: 27 Nov 2019 15:18

Instrument :

MSVOA_Y

ClientSampleId :

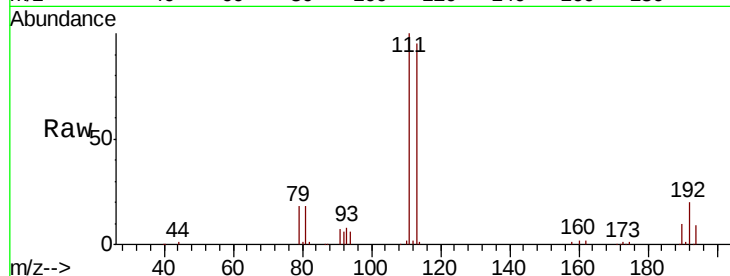
Tot Ion:113 Resp: 141510

Ion Ratio Lower Upper

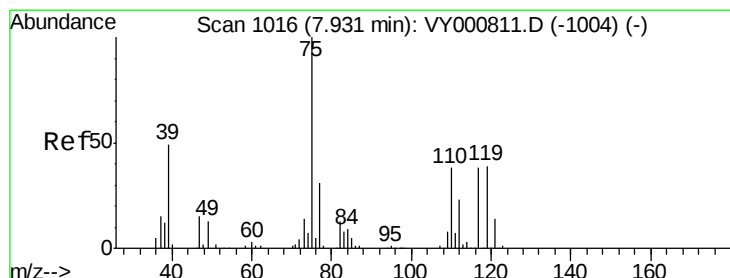
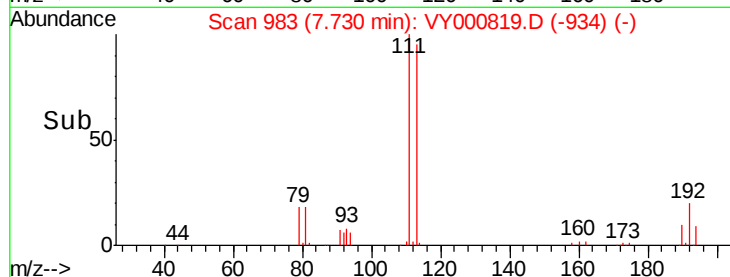
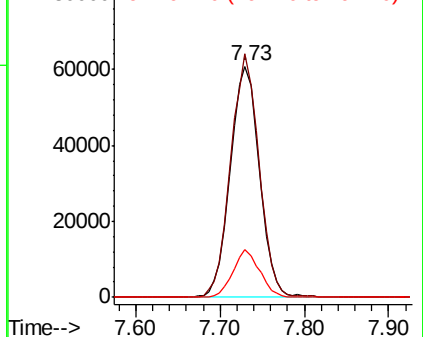
113 100

111 102.6 82.4 123.6

192 19.1 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: 4.595 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000819.D

Acq: 27 Nov 2019 15:18

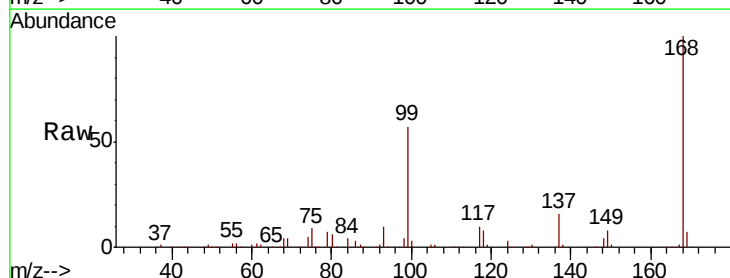
Tgt Ion: 75 Resp: 22368

Ion Ratio Lower Upper

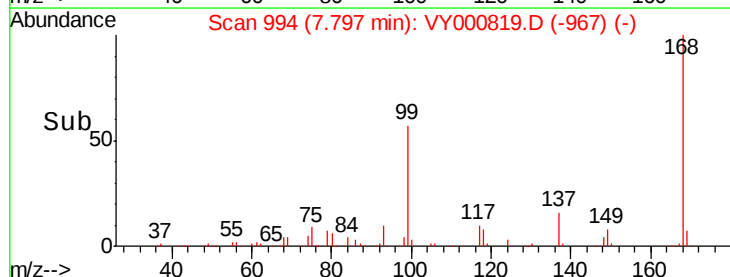
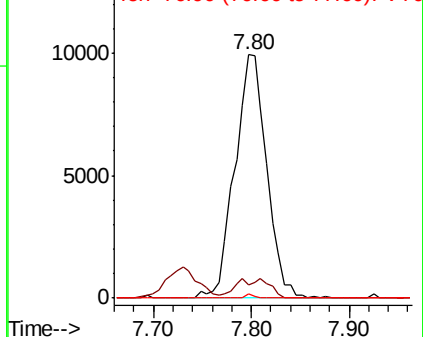
75 100

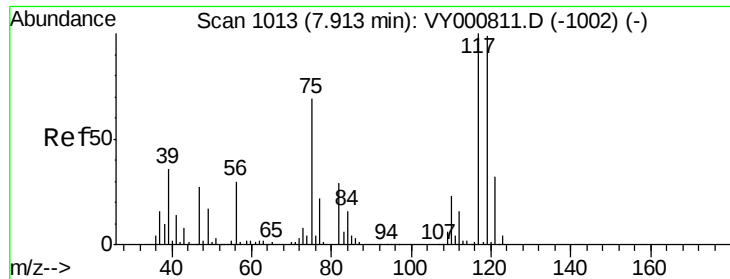
110 2.7 17.9 53.7#

77 0.4 24.7 37.1#



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: 5.992 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000819.D

Acq: 27 Nov 2019 15:18

Instrument :

MSVOA_Y

ClientSampled :

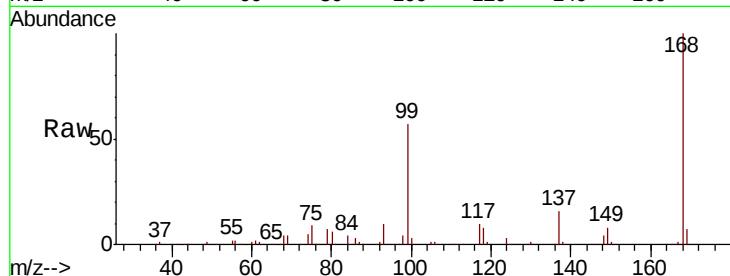
Tot Ion:117 Resp: 25977

Ion Ratio Lower Upper

117 100

119 6.3 79.3 118.9#

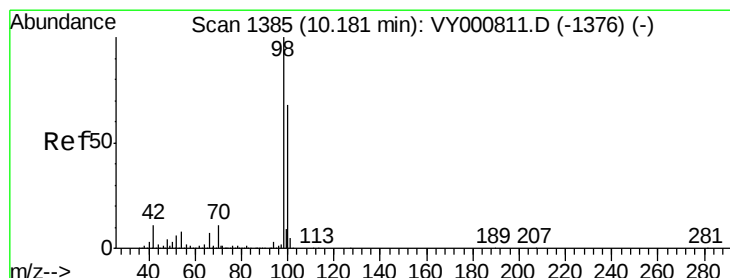
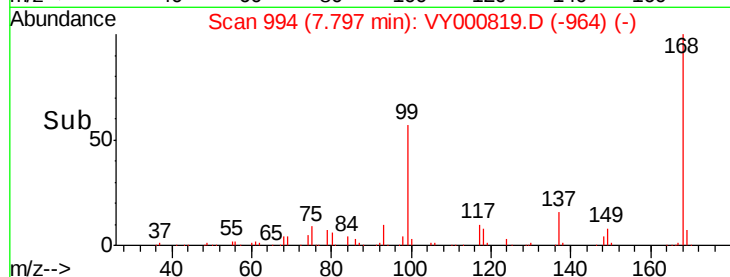
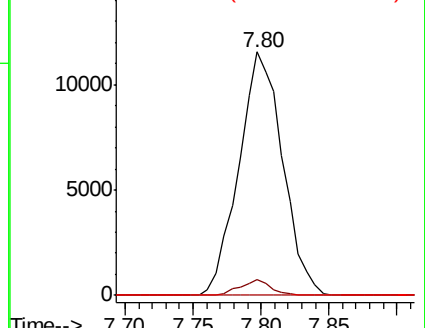
121 0.0 25.5 38.3#



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: 50.943 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000819.D

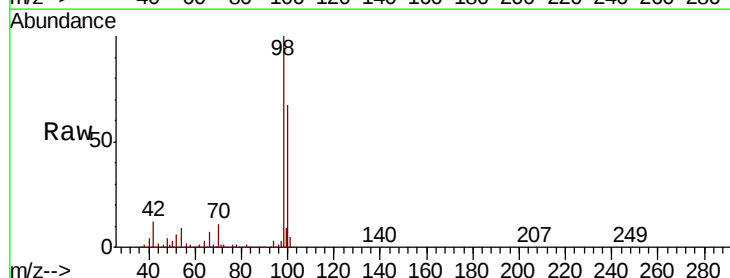
Acq: 27 Nov 2019 15:18

Tgt Ion: 98 Resp: 581163

Ion Ratio Lower Upper

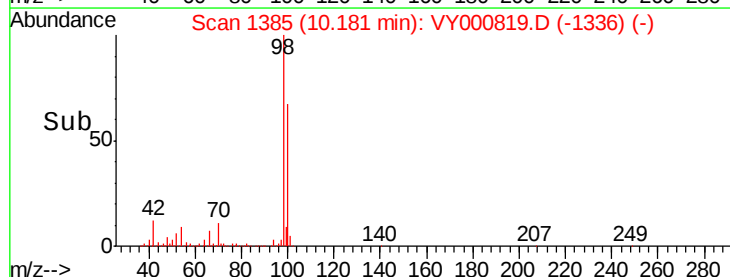
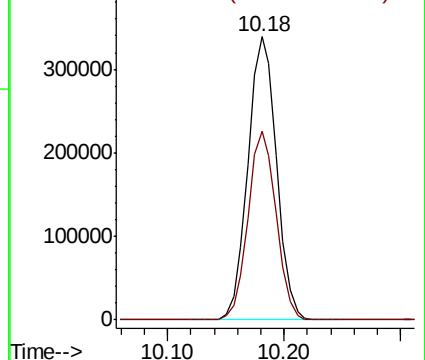
98 100

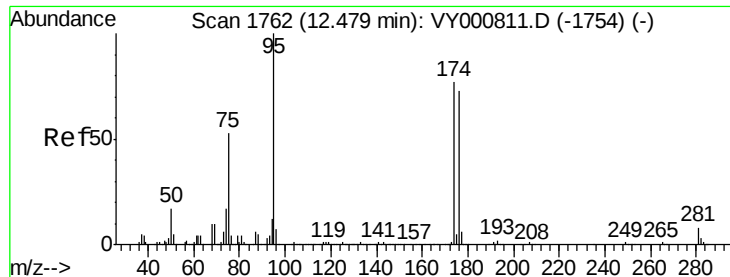
100 65.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

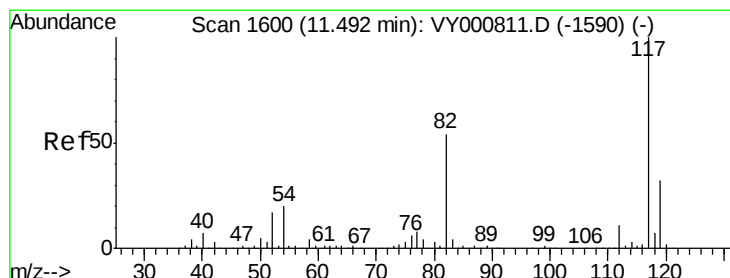
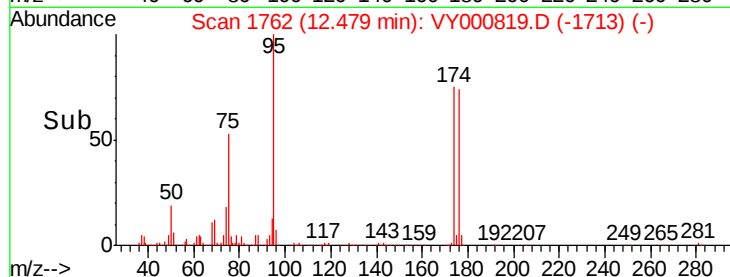
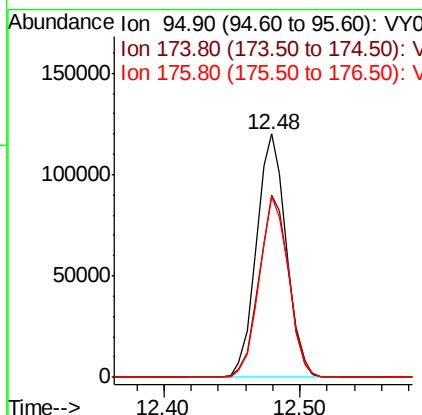
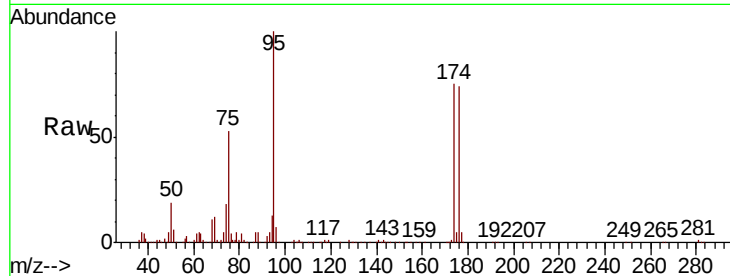




#62
4-Bromofluorobenzene
Concen: 42.776 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000819.D
Acq: 27 Nov 2019 15:18

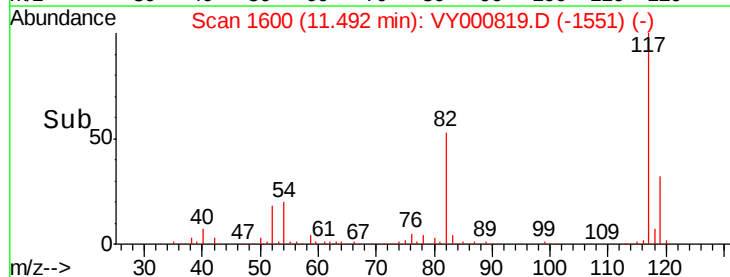
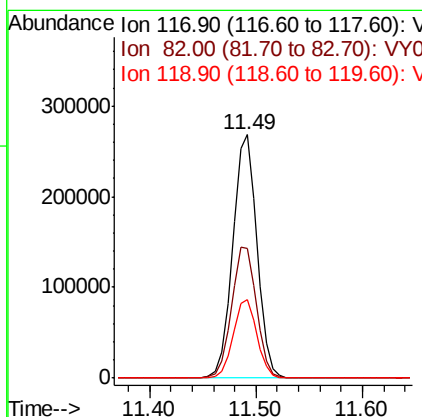
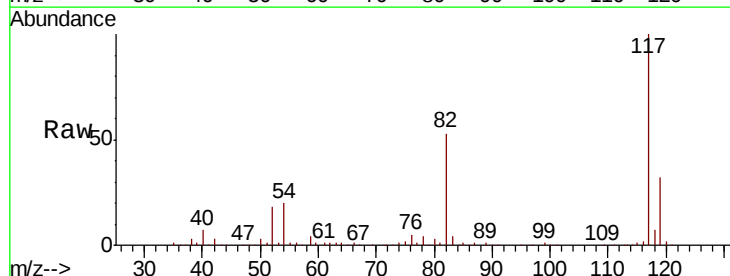
Instrument :
MSVOA_Y
ClientSampleId :

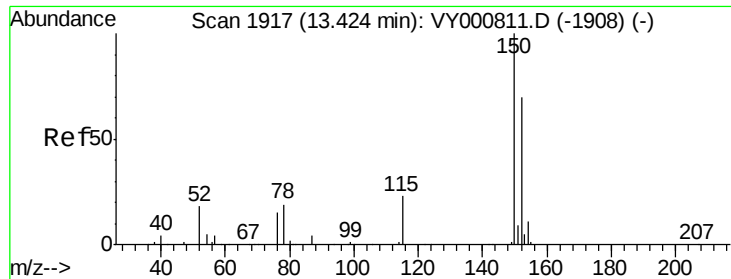
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.6
176	73.5	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000819.D
Acq: 27 Nov 2019 15:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.1	64.7
119	32.3	25.3	37.9



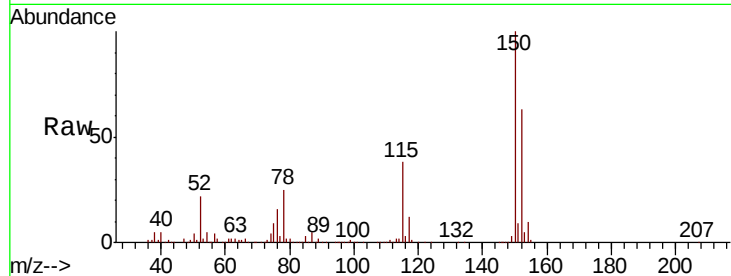


#72

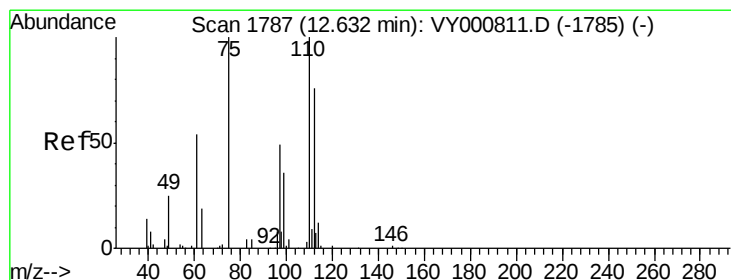
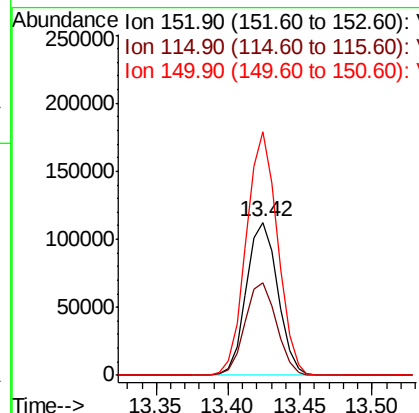
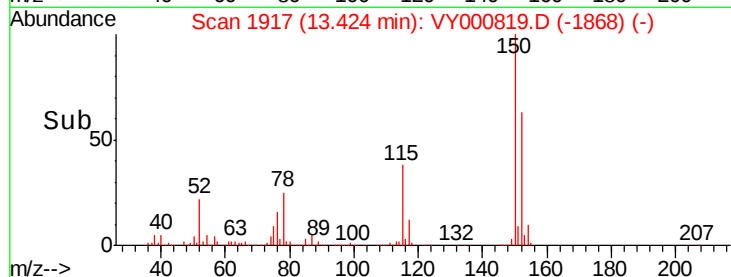
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000819.D
Acq: 27 Nov 2019 15:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.3	87.8
150	158.5	0.0	351.2



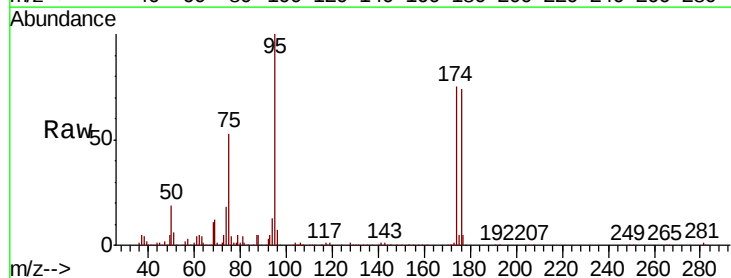
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



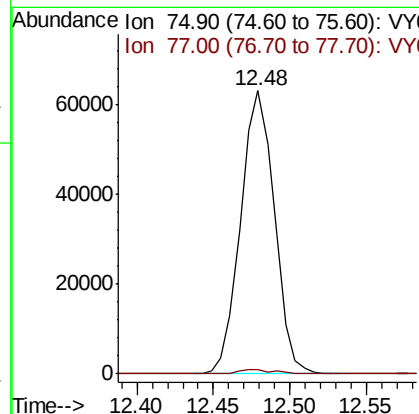
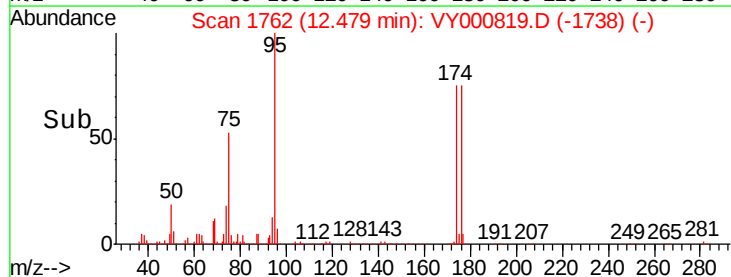
#76

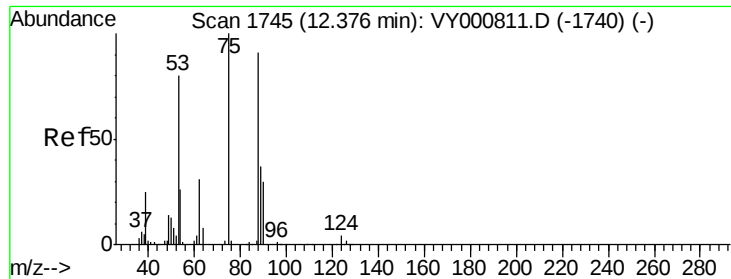
1,2,3-Trichloropropane
Concen: 50.264 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000819.D
Acq: 27 Nov 2019 15:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	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: 98.734 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000819.D

Acq: 27 Nov 2019 15:18

Instrument :

MSVOA_Y

ClientSampleId :

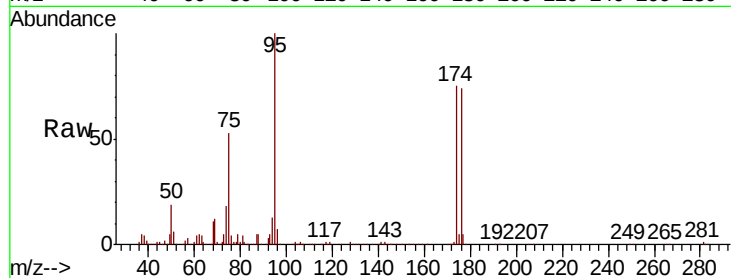
Tot Ion: 75 Resp: 96690

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

