

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000373.D
 Acq On : 22 Oct 2019 18:48
 Operator : SY/MD
 Sample : K5494-06
 Misc : 8.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-6FT

Quant Time: Oct 23 08:05:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	198802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	331144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	120353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	106862	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.73	113	96038	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.19	98	381385	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.49	95	118458	40.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.16%	

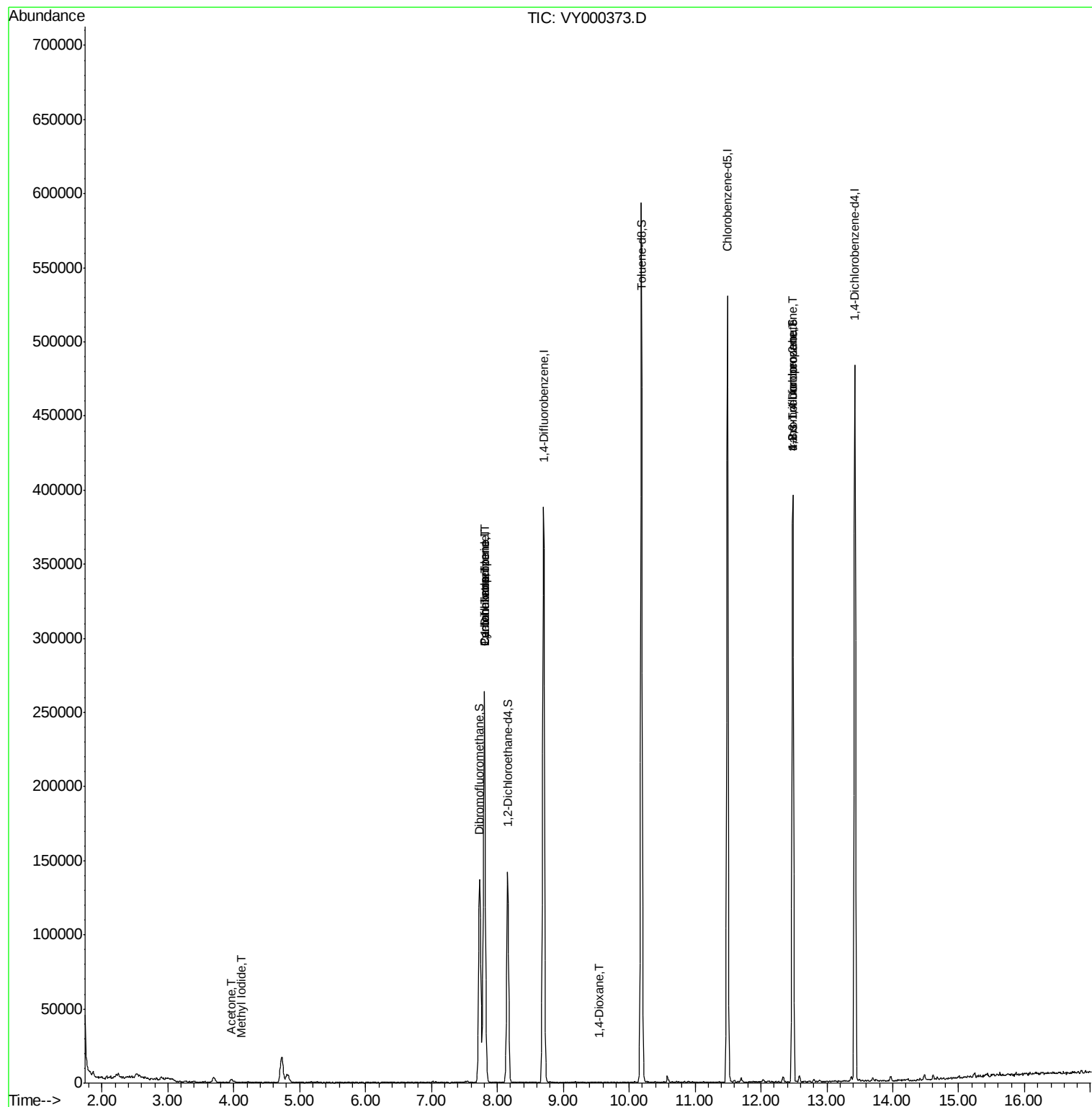
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	123	Below Cal	#	41
10) Methyl Iodide	4.11	142	92	1.217	ug/l #	41
16) Acetone	3.96	43	4062	5.981	ug/l #	85
31) Cyclohexane	7.80	56	4320	1.077	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	14119	4.355	ug/l #	51
38) Carbon Tetrachloride	7.80	117	19149	6.100	ug/l #	17
49) 1,4-Dioxane	9.55	88	51	2.646	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	64078	43.298	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	64078	94.734	ug/l #	14

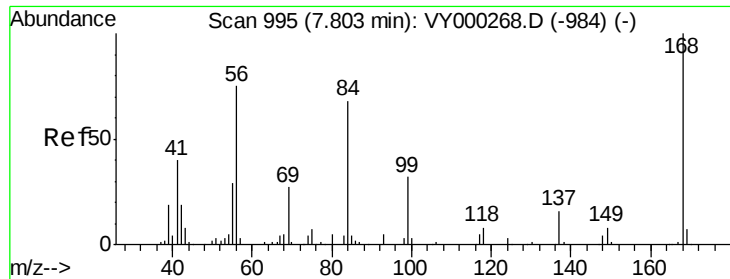
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 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: VY000373.D

Acq: 22 Oct 2019 18:48

Instrument :

MSVOA_Y

ClientSampleId :

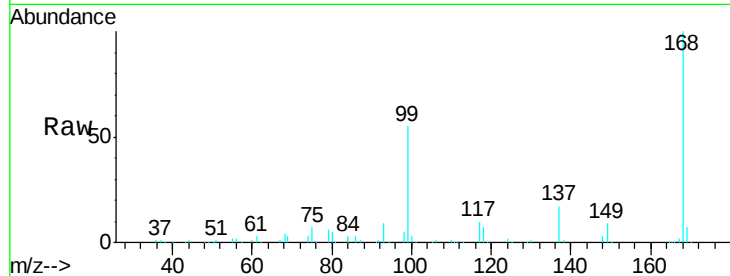
TP2-6FT

Tgt Ion:168 Resp: 198802

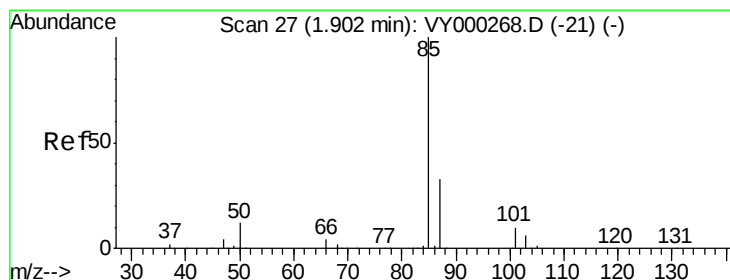
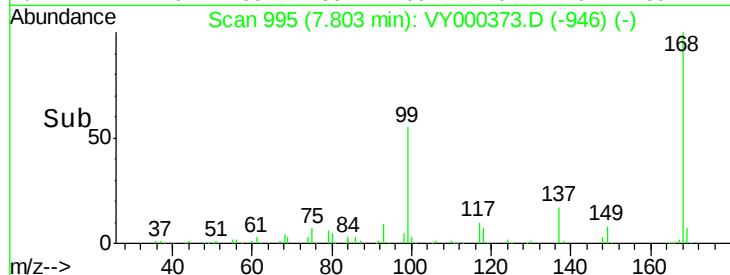
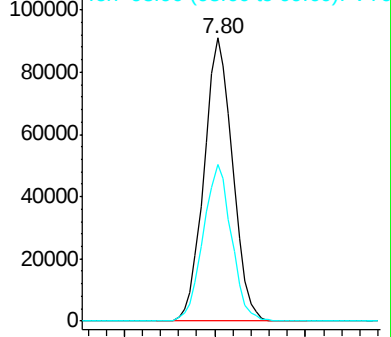
Ion Ratio Lower Upper

168 100

99 55.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000373.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000373.D

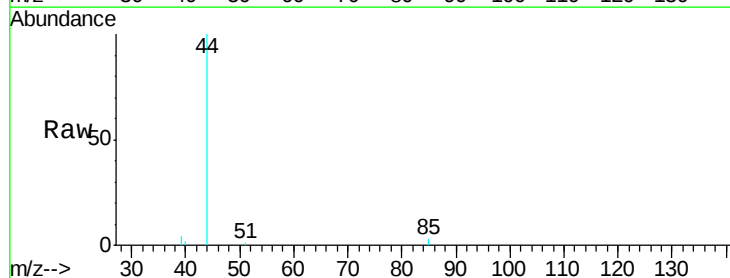
Acq: 22 Oct 2019 18:48

Tgt Ion: 85 Resp: 123

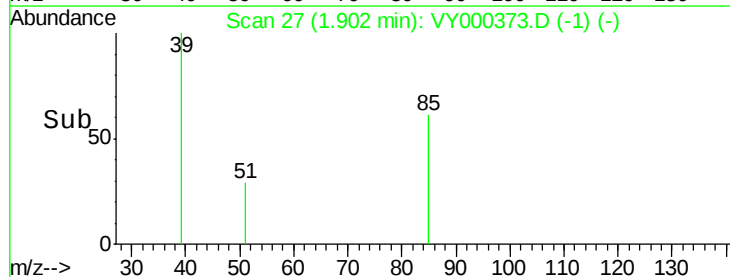
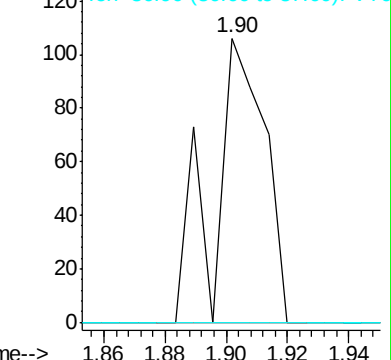
Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000373.D (-1) (-)

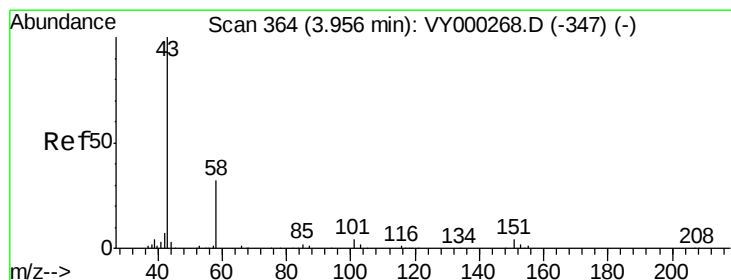
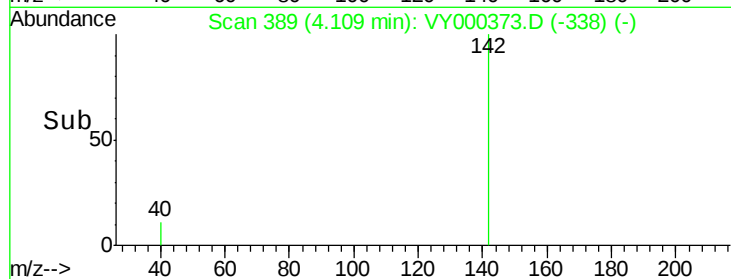
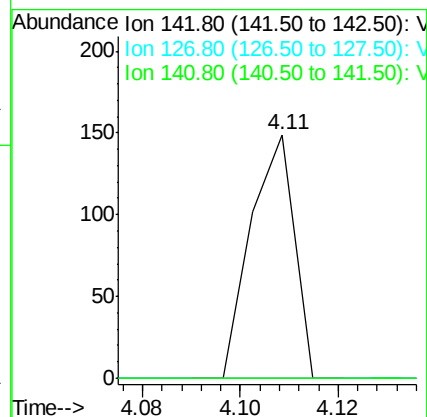
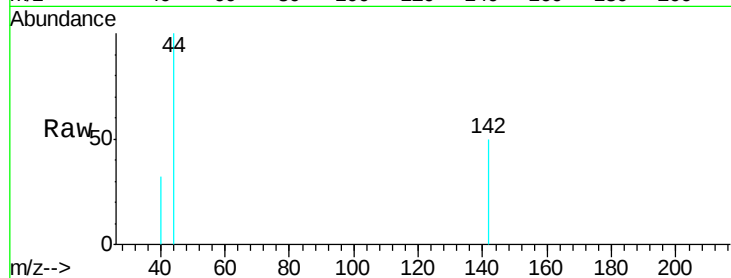




#10
Methyl Iodide
Concen: 1.217 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000373.D
Acq: 22 Oct 2019 18:48

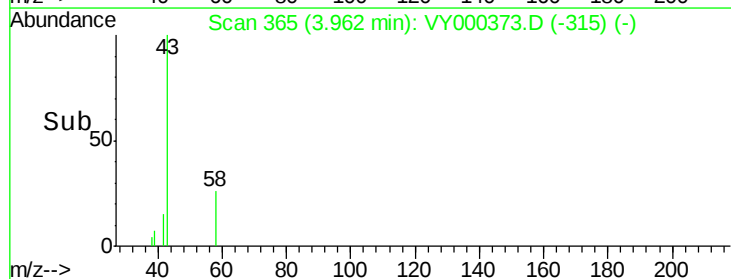
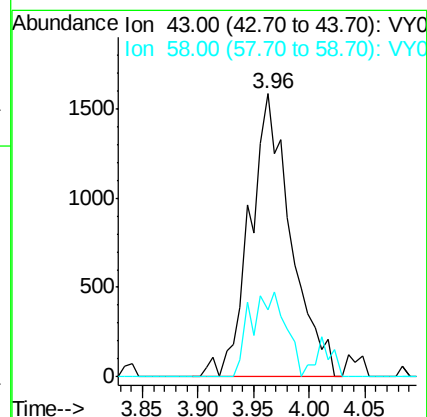
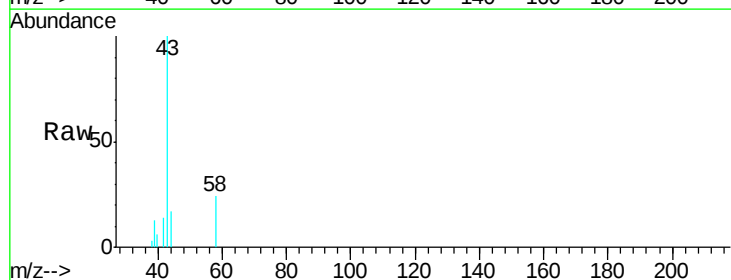
Instrument :
MSVOA_Y
ClientSampleId :
TP2-6FT

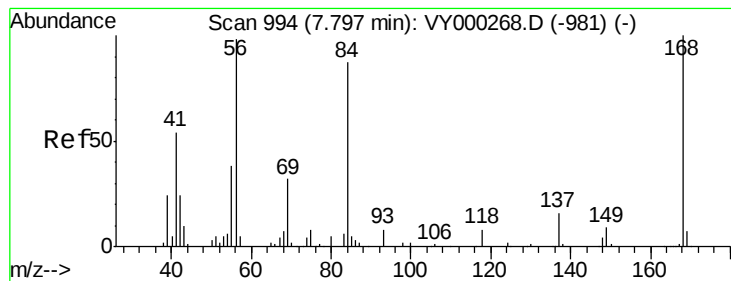
Tgt Ion: 142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 5.981 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000373.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 43 Resp: 4062
Ion Ratio Lower Upper
43 100
58 23.8 25.8 38.6#





#31

Cyclohexane

Concen: 1.077 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000373.D

Acq: 22 Oct 2019 18:48

Instrument :

MSVOA_Y

ClientSampleId :

TP2-6FT

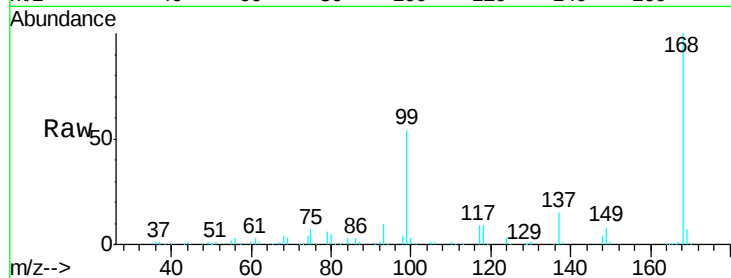
Tgt Ion: 56 Resp: 4320

Ion Ratio Lower Upper

56 100

69 131.3 26.3 39.5#

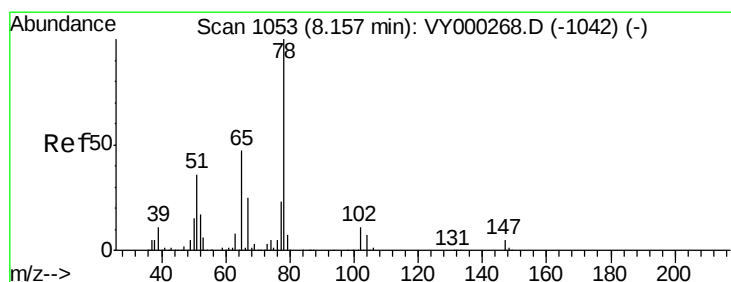
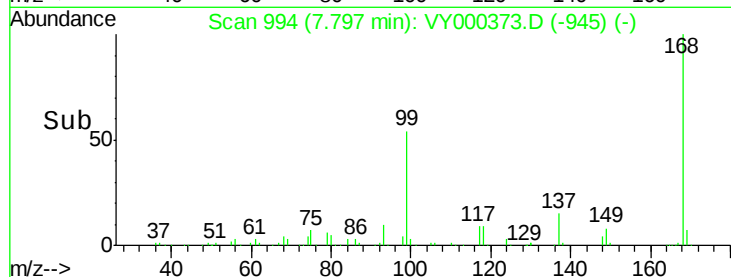
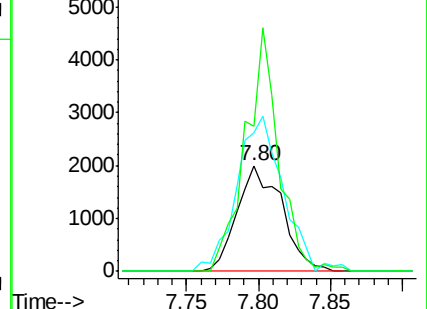
84 137.1 70.8 106.2#



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: 50.958 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000373.D

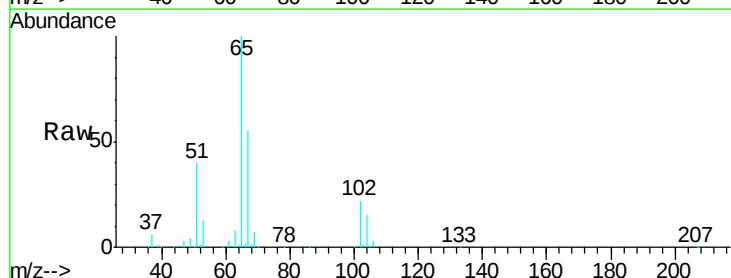
Acq: 22 Oct 2019 18:48

Tgt Ion: 65 Resp: 106862

Ion Ratio Lower Upper

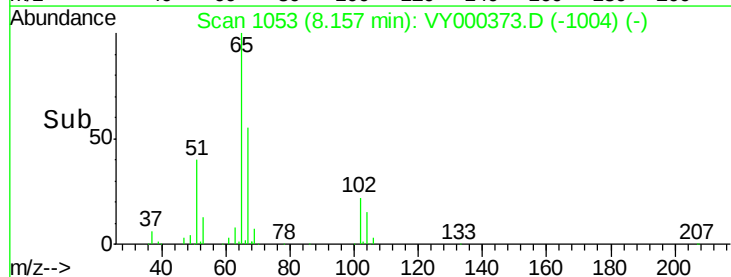
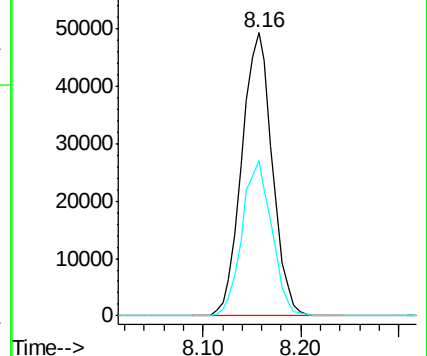
65 100

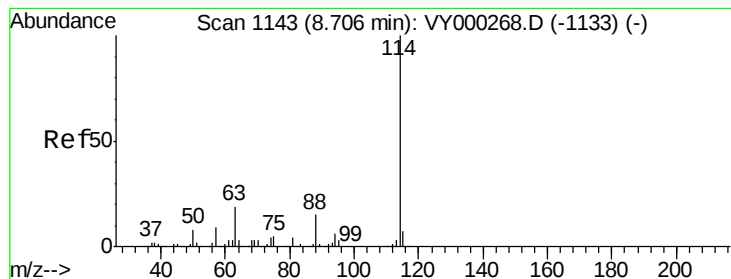
67 53.4 0.0 109.4



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000373.D

Acq: 22 Oct 2019 18:48

Instrument :

MSVOA_Y

ClientSampleId :

TP2-6FT

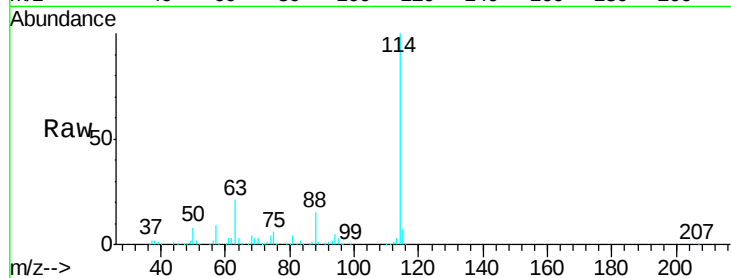
Tgt Ion:114 Resp: 331144

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.2

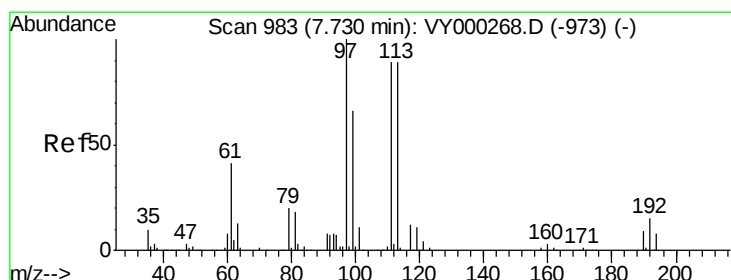
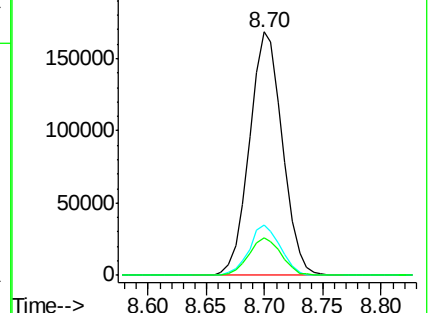
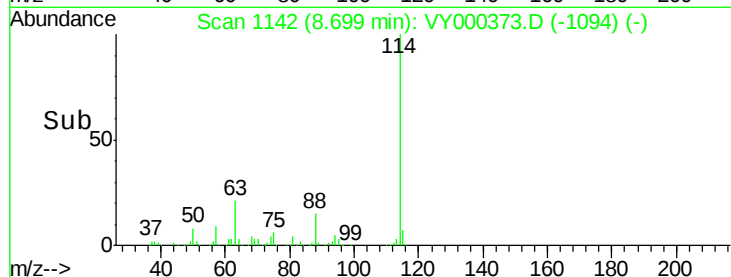
88 15.2 0.0 30.2



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: 48.079 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000373.D

Acq: 22 Oct 2019 18:48

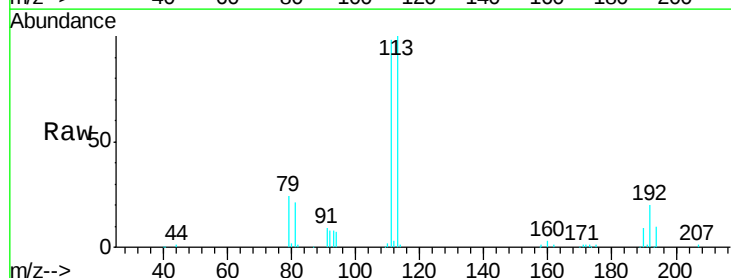
Tgt Ion:113 Resp: 96038

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

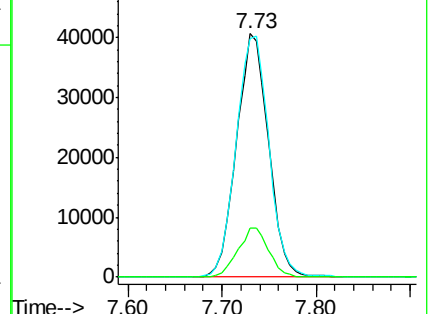
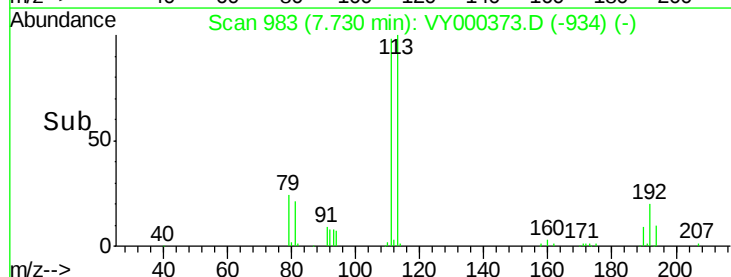
192 19.6 15.3 22.9

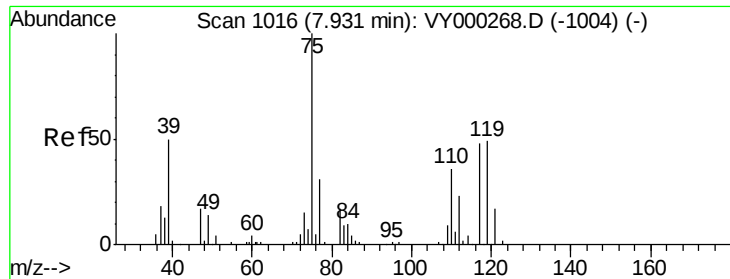


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.355 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY000373.D

Acq: 22 Oct 2019 18:48

Instrument :

MSVOA_Y

ClientSampleId :

TP2-6FT

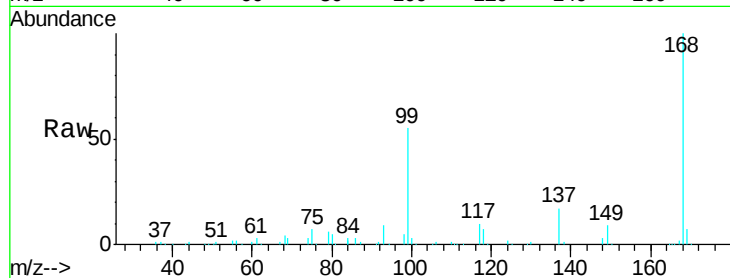
Tgt Ion: 75 Resp: 14119

Ion Ratio Lower Upper

75 100

110 11.8 18.4 55.4#

77 0.1 25.0 37.6#



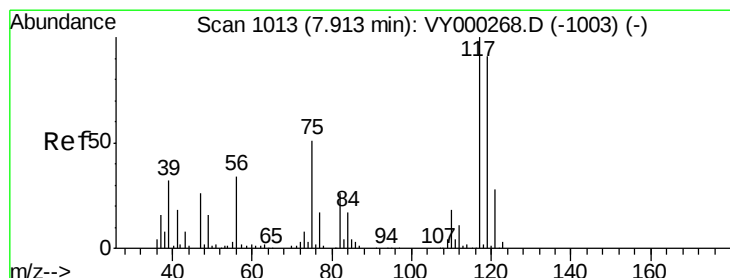
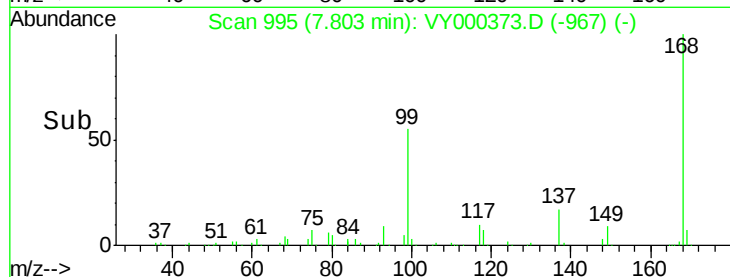
Abundance Ion 74.90 (74.60 to 75.60): VY000373.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000373.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY000373.D (-967) (-)

7.80

Time-->



#38

Carbon Tetrachloride

Concen: 6.100 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000373.D

Acq: 22 Oct 2019 18:48

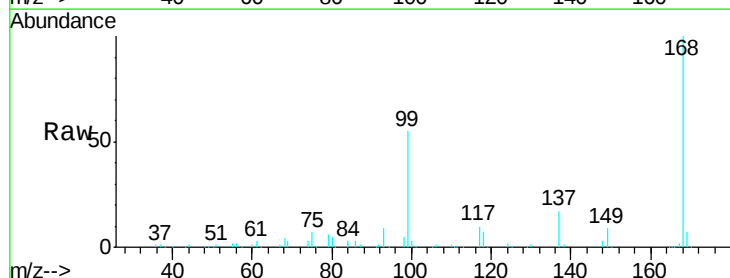
Tgt Ion: 117 Resp: 19149

Ion Ratio Lower Upper

117 100

119 3.5 72.8 109.2#

121 0.0 22.2 33.2#



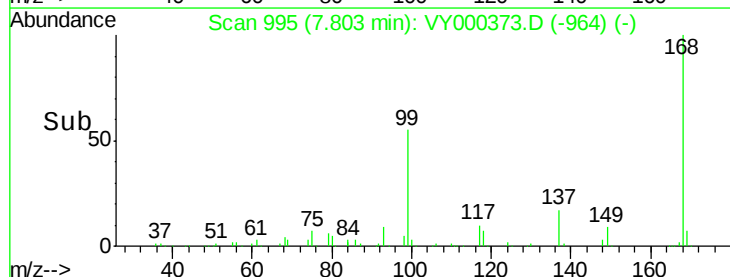
Abundance Ion 116.80 (116.50 to 117.50): VY000373.D (-964) (-)

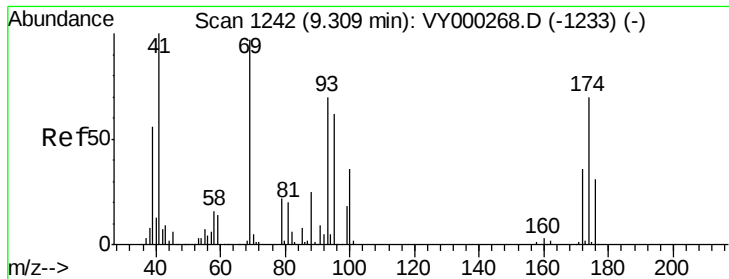
Ion 118.80 (118.50 to 119.50): VY000373.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000373.D (-964) (-)

7.80

Time-->





#49

1,4-Dioxane

Concen: 2.646 ug/l

RT: 9.55 min Scan# 1281

Delta R.T. 0.24 min

Lab File: VY000373.D

Acq: 22 Oct 2019 18:48

Instrument :

MSVOA_Y

ClientSampled :

TP2-6FT

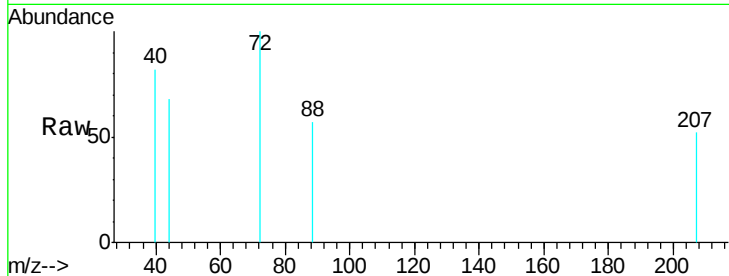
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 74.5 25.6 38.4#

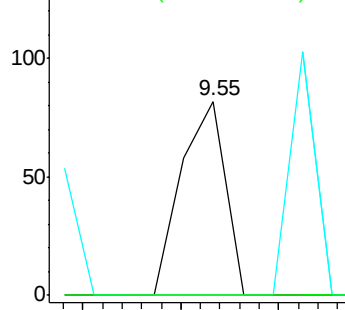
58 0.0 54.6 81.8#



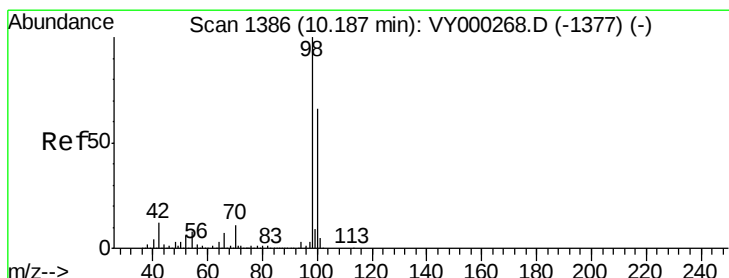
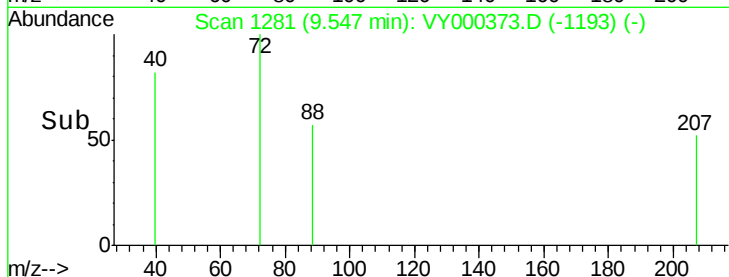
Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#50

Toluene-d8

Concen: 49.635 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000373.D

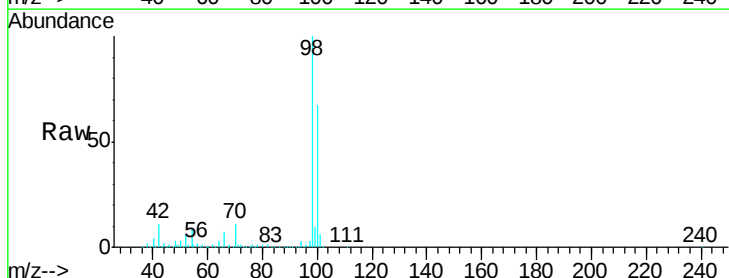
Acq: 22 Oct 2019 18:48

Tgt Ion: 98 Resp: 381385

Ion Ratio Lower Upper

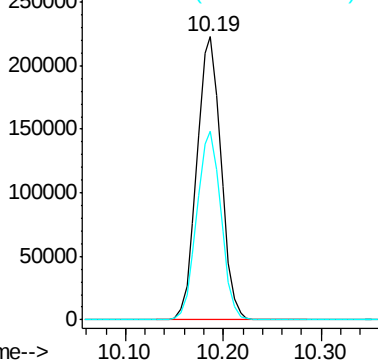
98 100

100 66.7 52.8 79.2

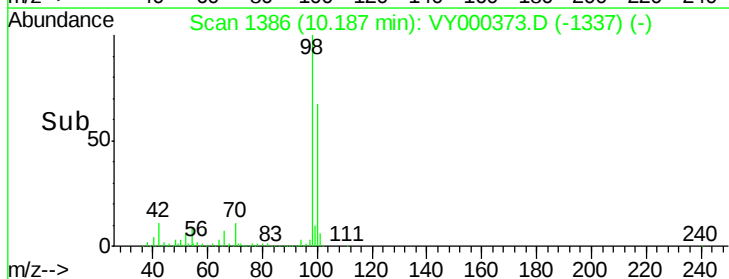


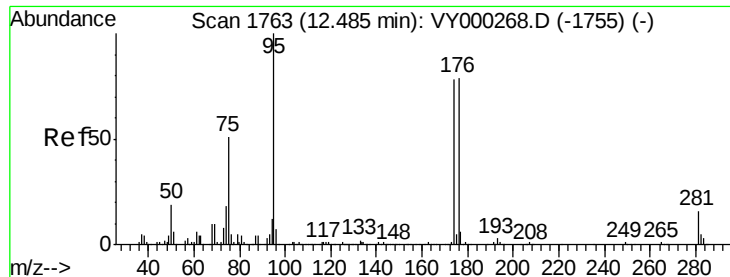
Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->

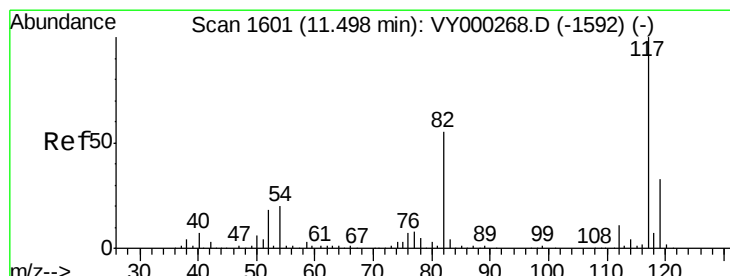
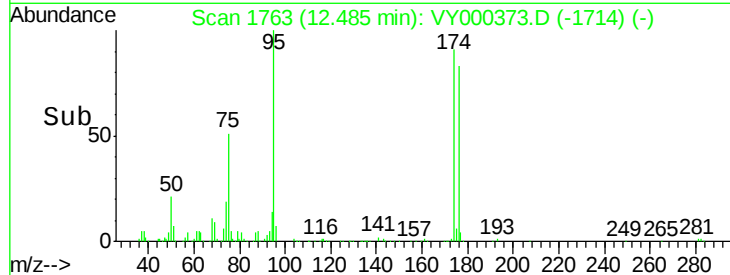
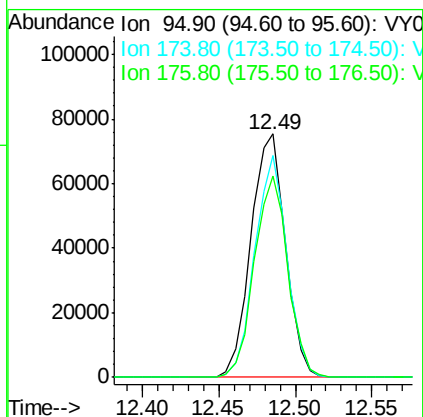
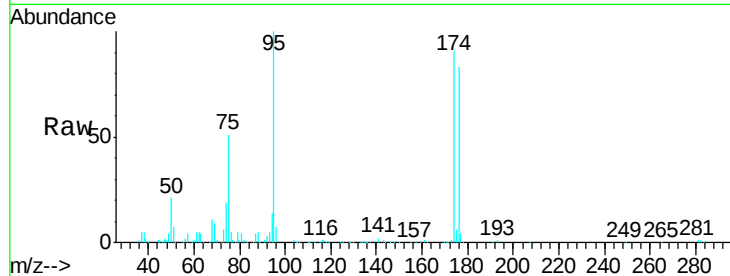




#62
4-Bromofluorobenzene
Concen: 40.579 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000373.D
Acq: 22 Oct 2019 18:48

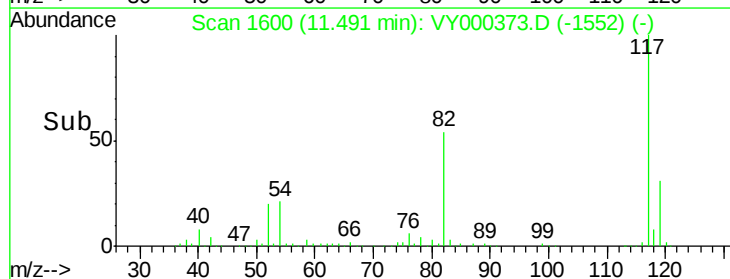
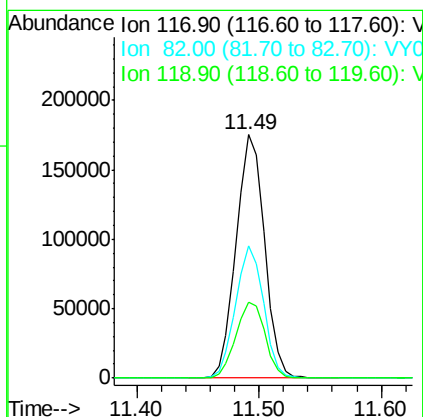
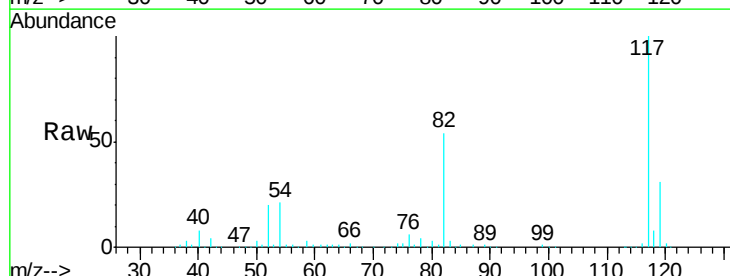
Instrument :
MSVOA_Y
ClientSampleId :
TP2-6FT

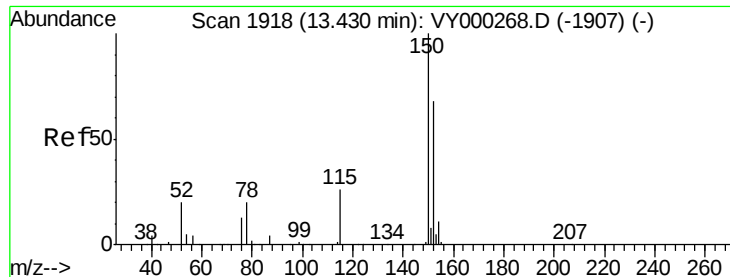
Tgt Ion: 95 Resp: 118458
Ion Ratio Lower Upper
95 100
174 85.3 0.0 159.6
176 80.2 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000373.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 117 Resp: 282142
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 31.4 26.6 39.8



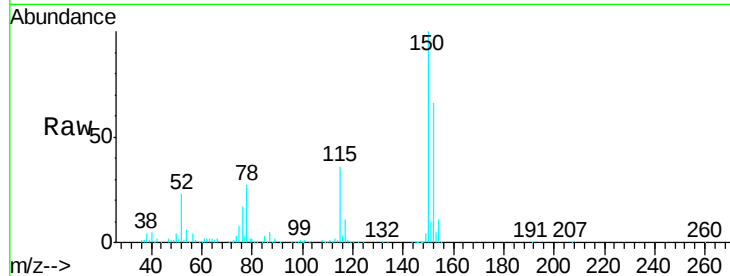


#72

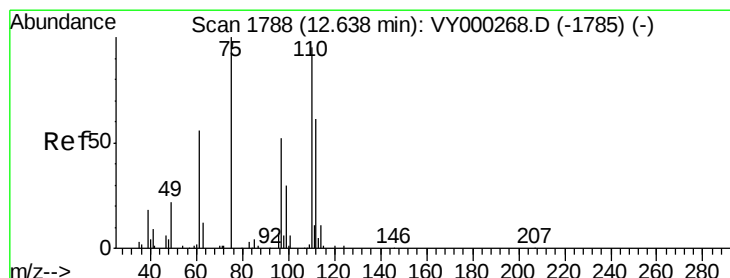
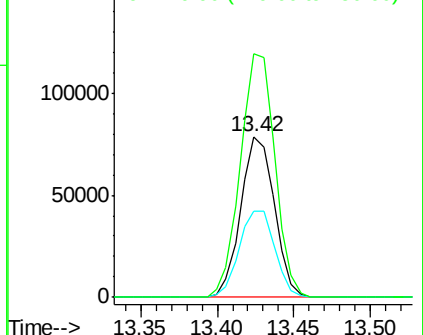
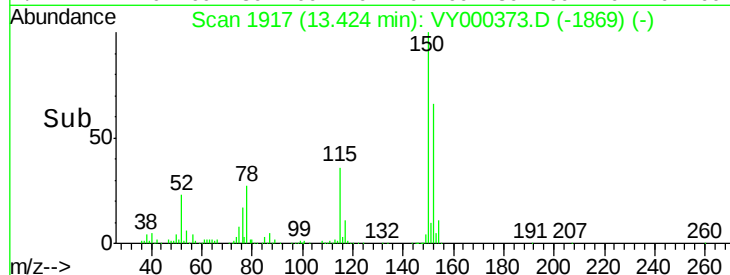
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000373.D
Acq: 22 Oct 2019 18:48

Instrument :
MSVOA_Y
ClientSampled :
TP2-6FT

Tgt Ion: 152 Resp: 120353
Ion Ratio Lower Upper
152 100
115 57.4 29.3 88.0
150 156.0 0.0 348.4



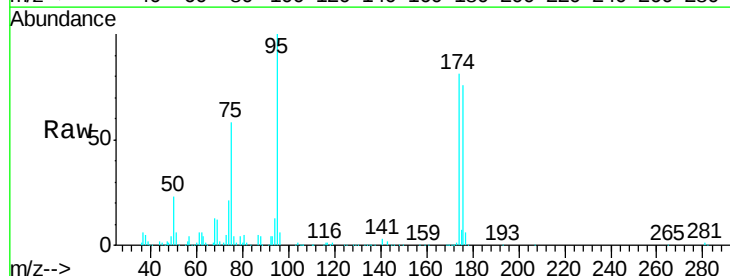
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



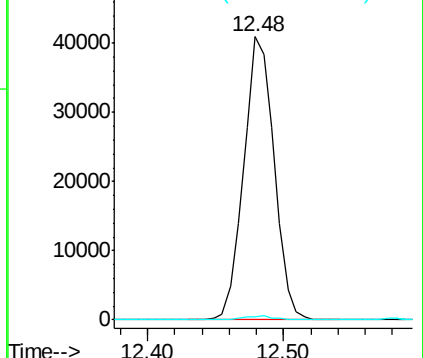
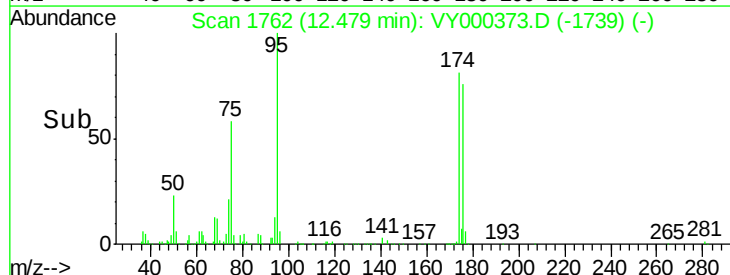
#76

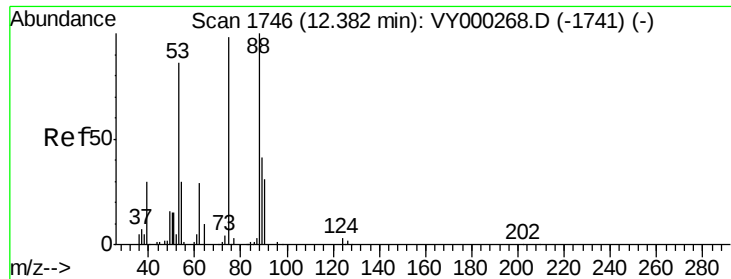
1,2,3-Trichloropropane
Concen: 43.298 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000373.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 75 Resp: 64078
Ion Ratio Lower Upper
75 100
77 1.3 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: 94.734 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000373.D

Acq: 22 Oct 2019 18:48

Instrument :

MSVOA_Y

ClientSampleId :

TP2-6FT

Tgt Ion: 75 Resp: 64078

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.2 35.1 52.7#

