

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001085.D
 Acq On : 26 Dec 2019 20:01
 Operator : SY/MD
 Sample : K6438-08
 Misc : 5.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF006-01

Quant Time: Dec 27 02:14:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

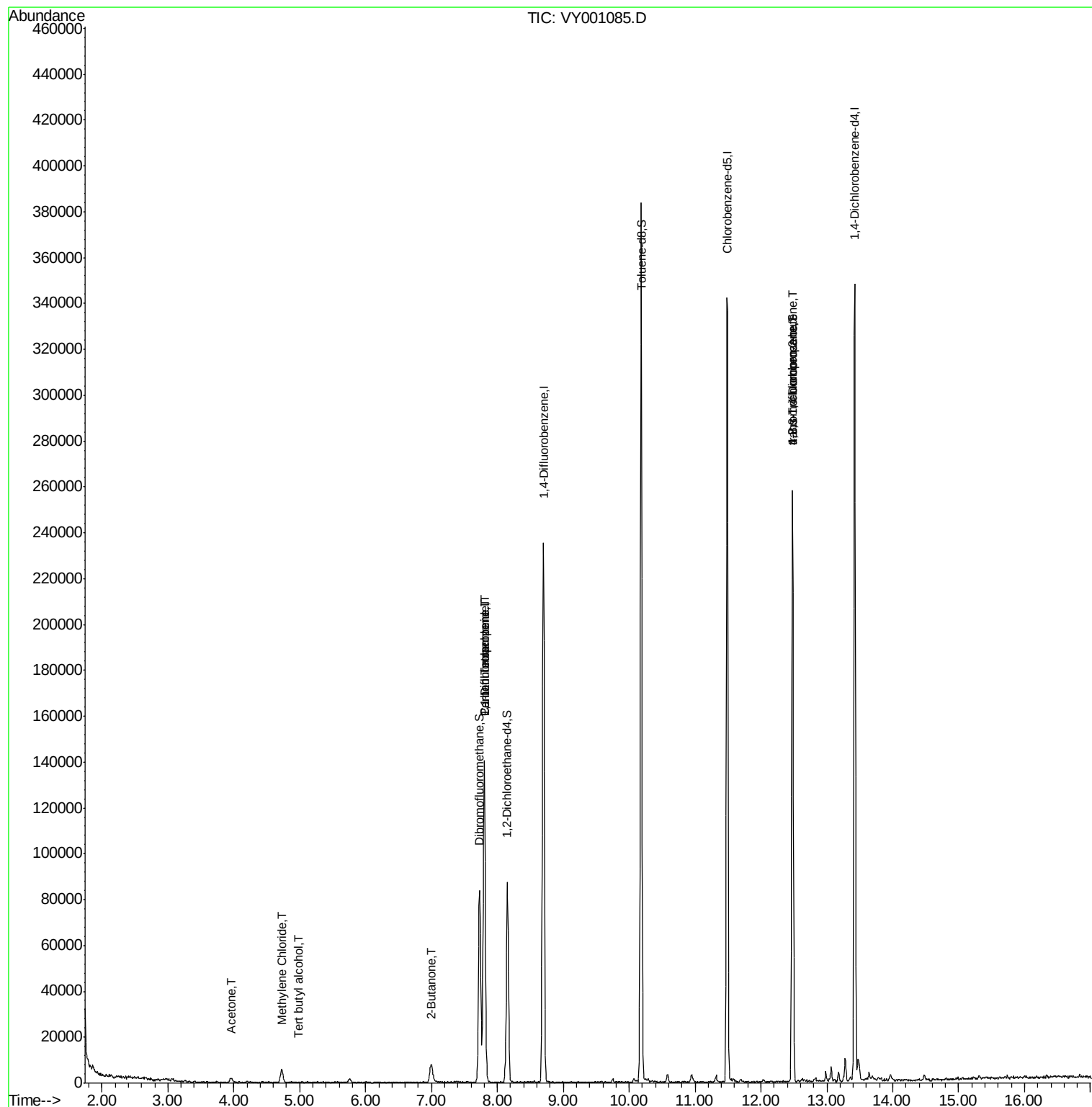
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	114506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	211879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	188366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	62737	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
35) Dibromofluoromethane	7.74	113	60910	48.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.18	98	247005	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.48	95	81174	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	140	1.127	ug/l #	74
16) Acetone	3.96	43	3368	12.945	ug/l #	86
20) Methylene Chloride	4.72	84	4215	2.752	ug/l #	85
25) 2-Butanone	6.99	43	619	1.354	ug/l #	64
36) 1,1-Dichloropropene	7.80	75	8588	4.249	ug/l #	51
38) Carbon Tetrachloride	7.80	117	11293	6.377	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	40133	38.614	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	40133	82.355	ug/l #	19

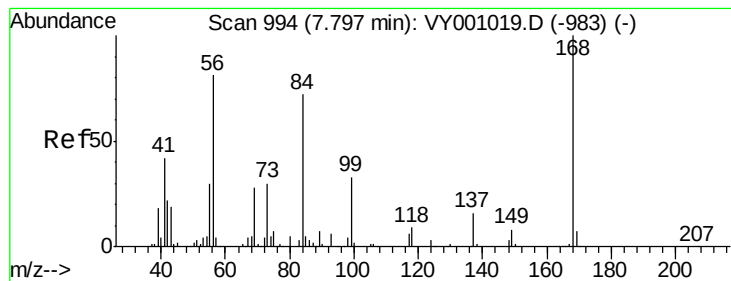
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

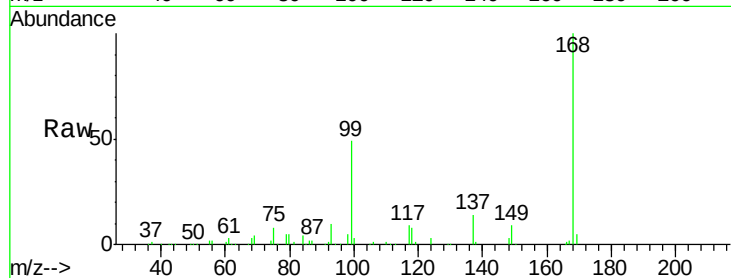
DUNR-BF006-01

Tgt Ion:168 Resp: 114506

Ion Ratio Lower Upper

168 100

99 49.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

60000

50000

40000

30000

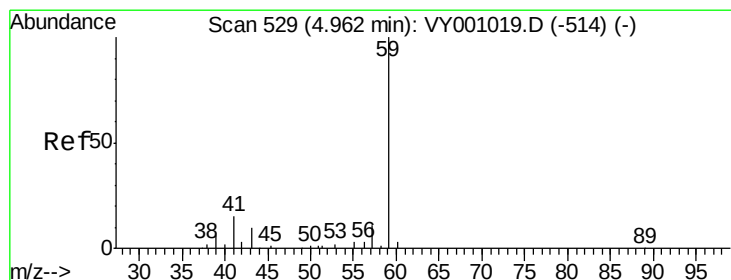
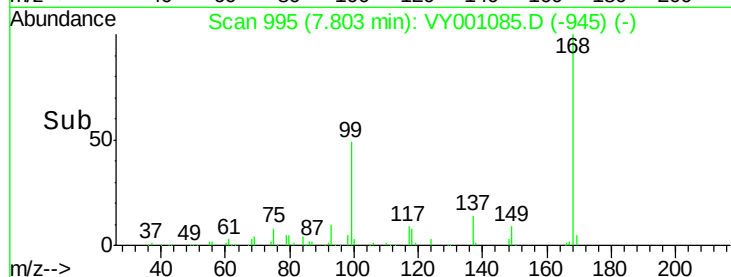
20000

10000

0

Time-->

7.70 7.75 7.80 7.85 7.90



#11

Tert butyl alcohol

Concen: 1.127 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.02 min

Lab File: VY001085.D

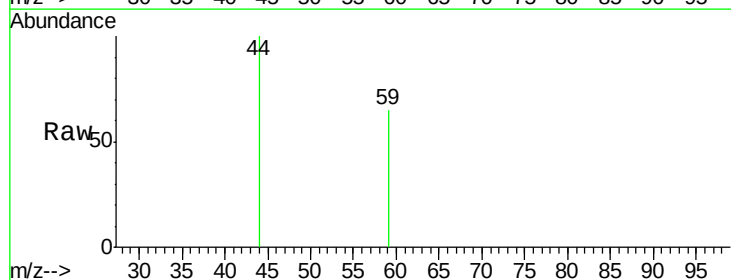
Acq: 26 Dec 2019 20:01

Tgt Ion: 59 Resp: 140

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001019.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY001019.D (-514) (-)

4.99

200

150

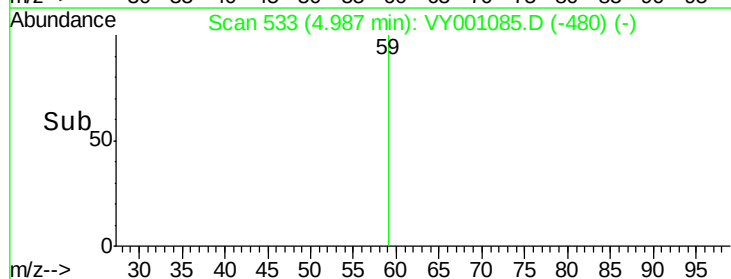
100

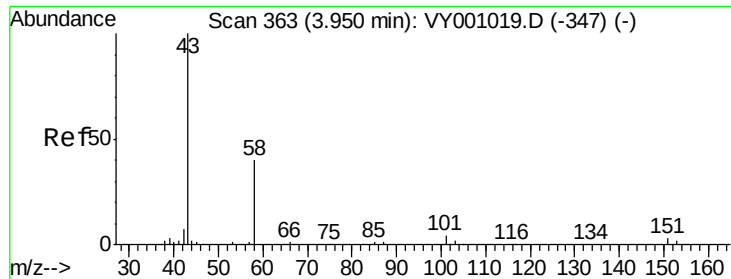
50

0

Time-->

4.94 4.96 4.98 5.00





#16

Acetone

Concen: 12.945 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

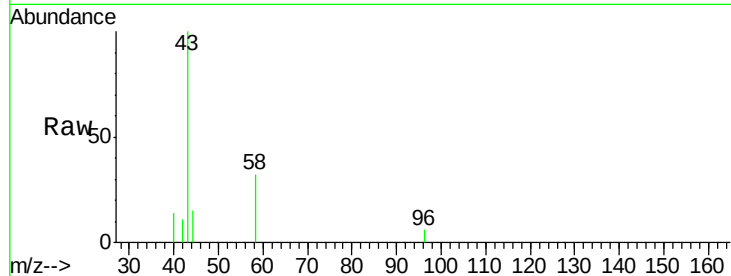
DUNR-BF006-01

Tgt Ion: 43 Resp: 3368

Ion Ratio Lower Upper

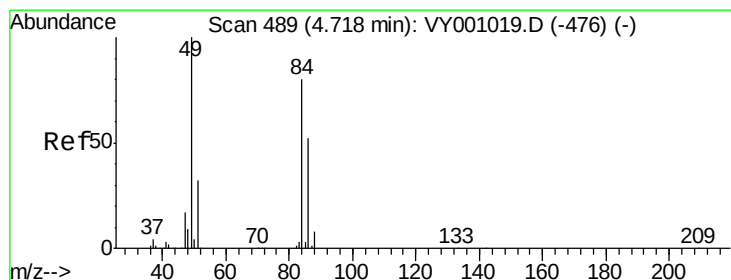
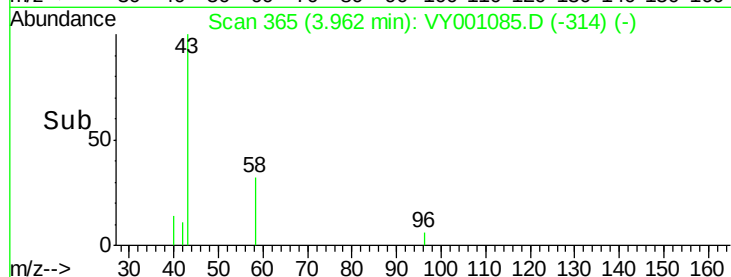
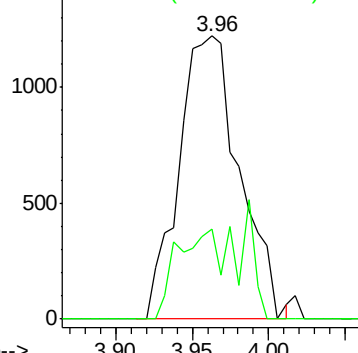
43 100

58 31.6 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 2.752 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Tgt Ion: 84 Resp: 4215

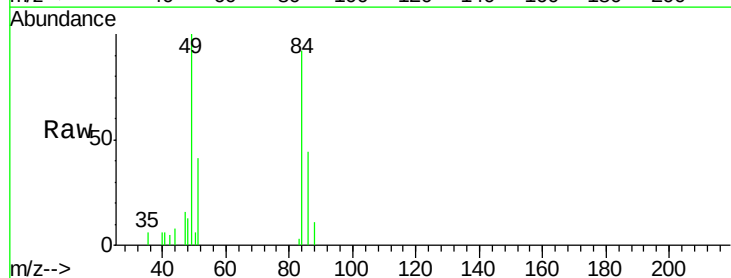
Ion Ratio Lower Upper

84 100

49 108.1 99.8 149.6

51 43.9 31.4 47.2

86 48.1 52.2 78.2#

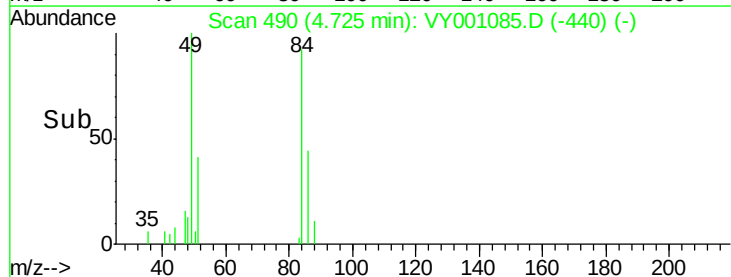
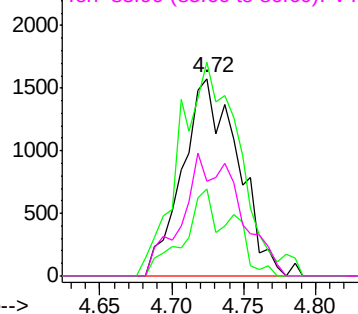


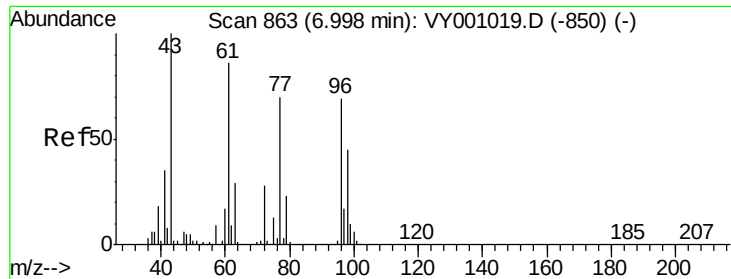
Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 1.354 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

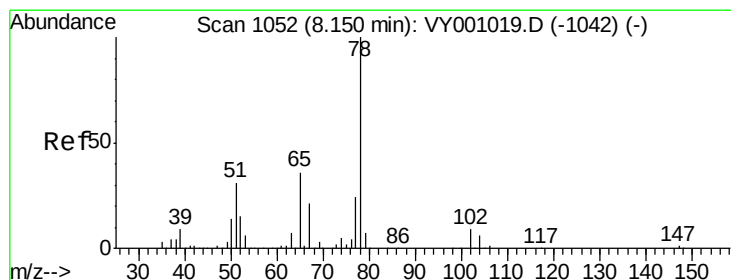
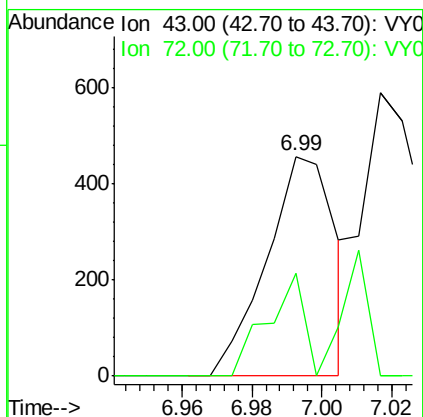
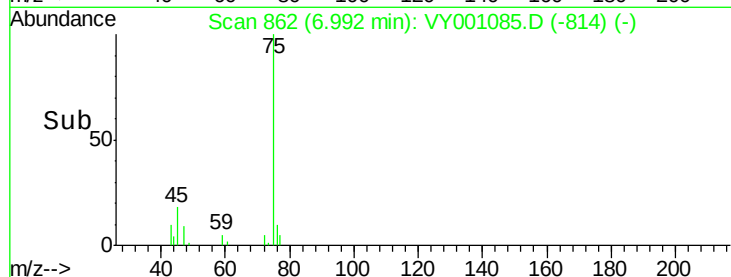
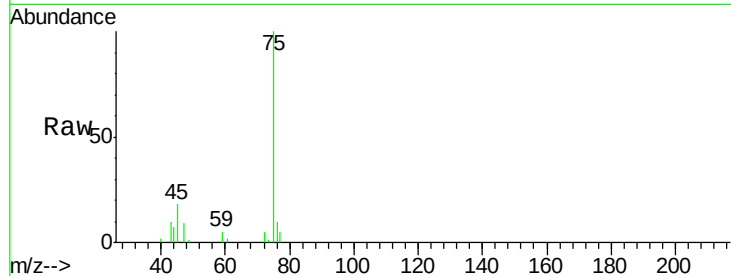
DUNR-BF006-01

Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

72 46.9 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 55.552 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001085.D

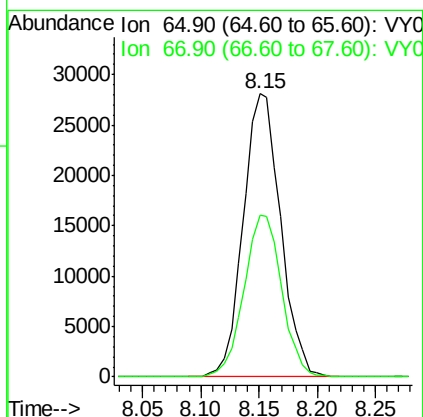
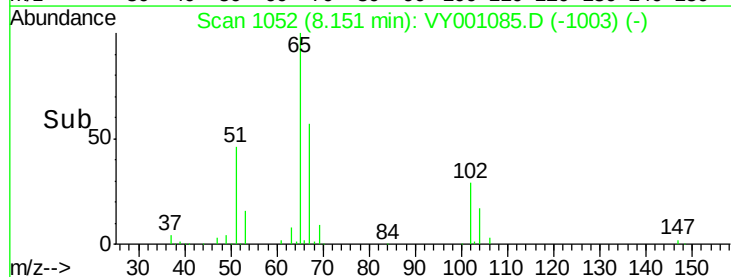
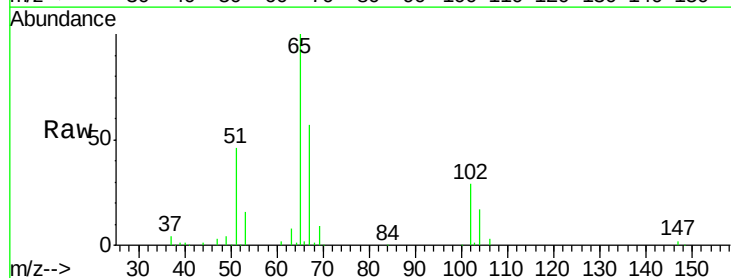
Acq: 26 Dec 2019 20:01

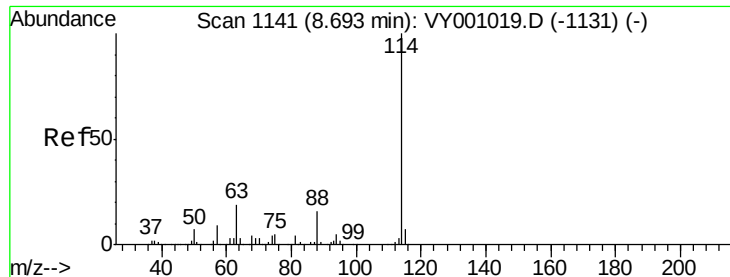
Tgt Ion: 65 Resp: 62737

Ion Ratio Lower Upper

65 100

67 57.7 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF006-01

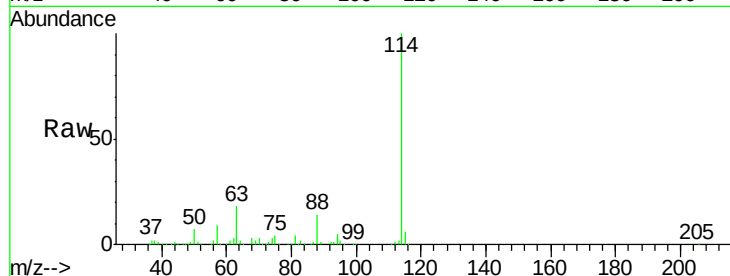
Tgt Ion:114 Resp: 211879

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

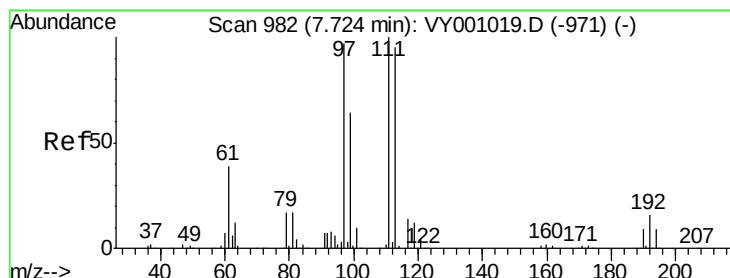
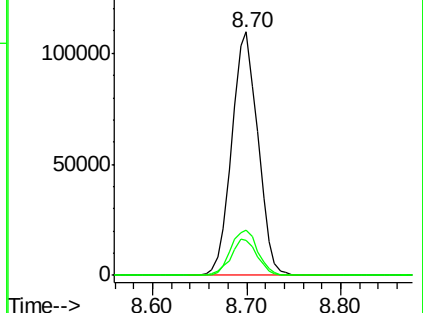
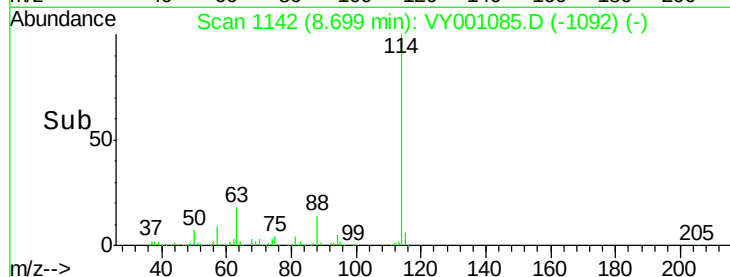
88 14.2 0.0 32.0



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: 48.819 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

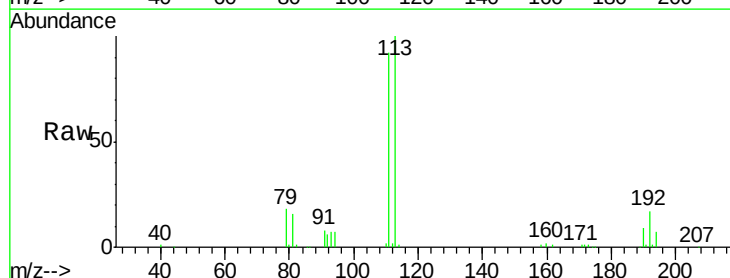
Tgt Ion:113 Resp: 60910

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

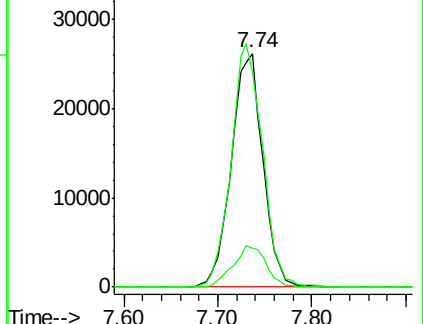
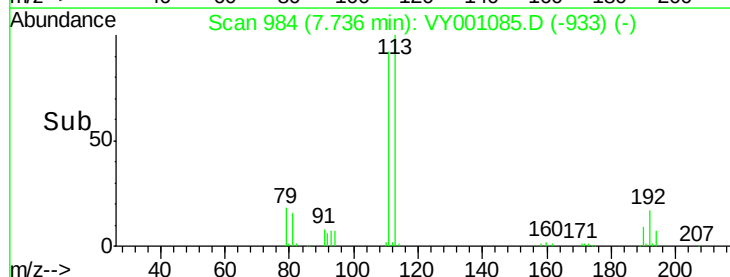
192 18.5 14.6 21.8

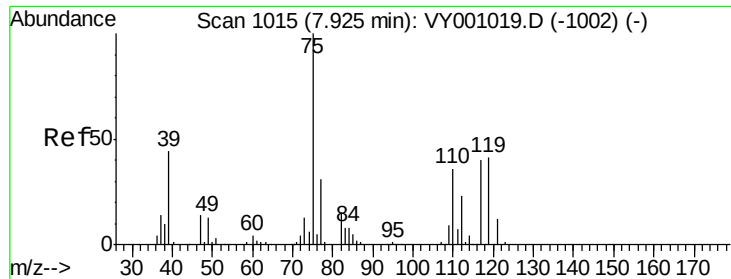


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

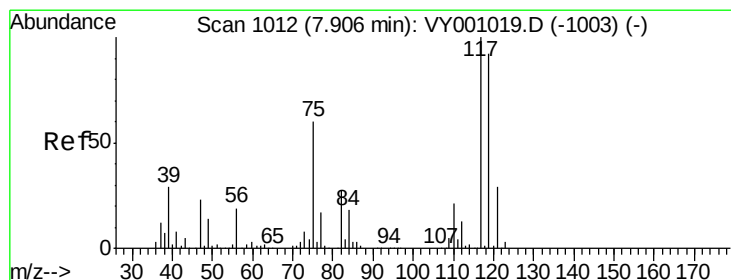
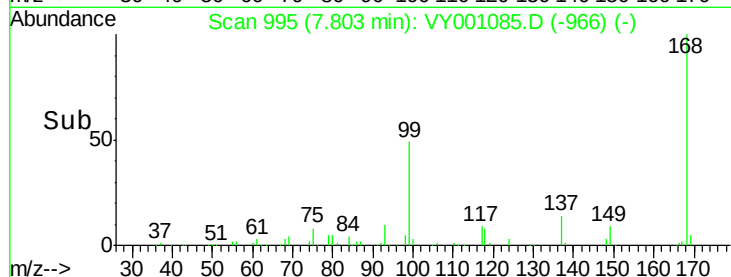
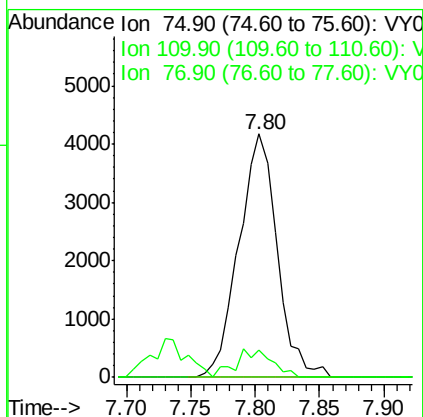
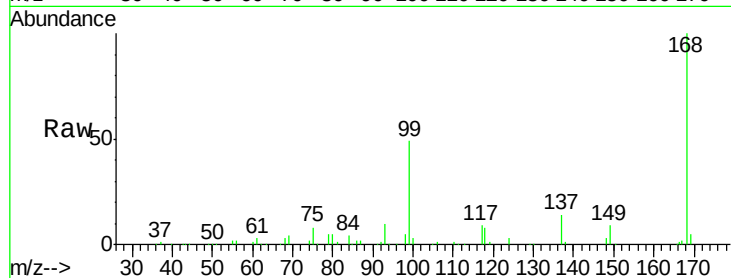




#36
 1,1-Dichloropropene
 Concen: 4.249 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001085.D
 Acq: 26 Dec 2019 20:01

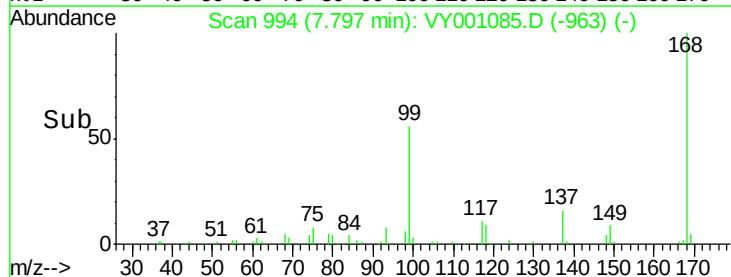
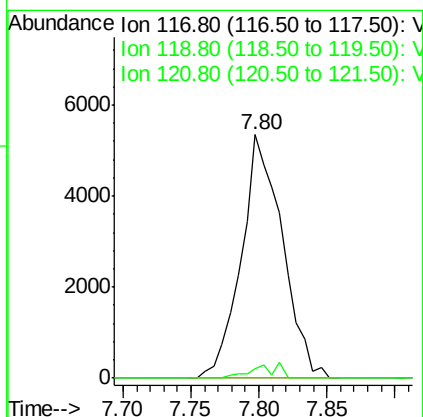
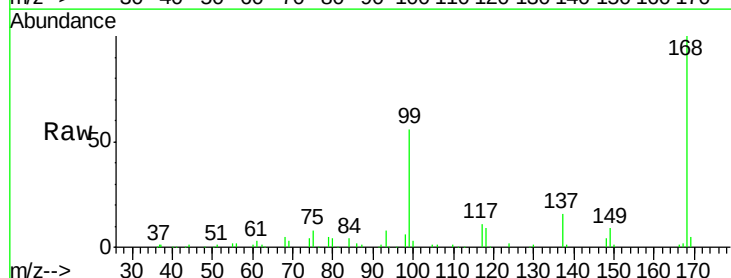
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF006-01

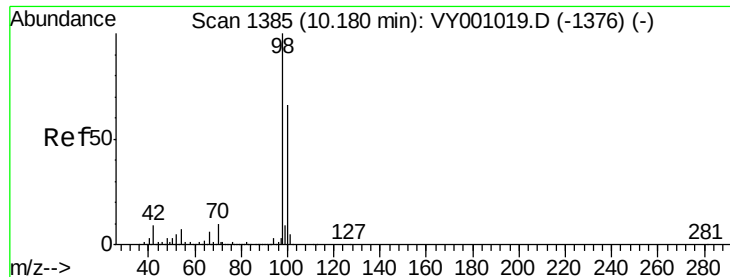
Tgt Ion: 75 Resp: 8588
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.1 54.4#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.377 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001085.D
 Acq: 26 Dec 2019 20:01

Tgt Ion: 117 Resp: 11293
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.2 111.2#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 50.659 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

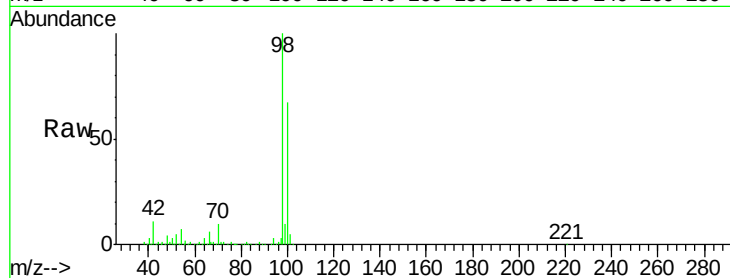
DUNR-BF006-01

Tgt Ion: 98 Resp: 247005

Ion Ratio Lower Upper

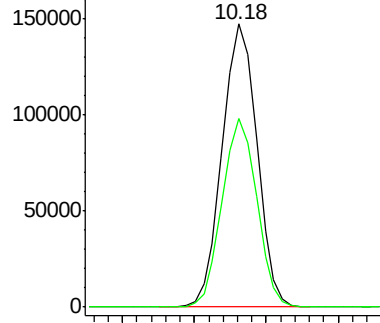
98 100

100 66.5 53.0 79.4

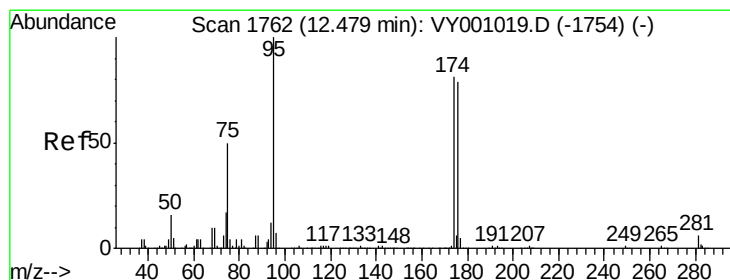
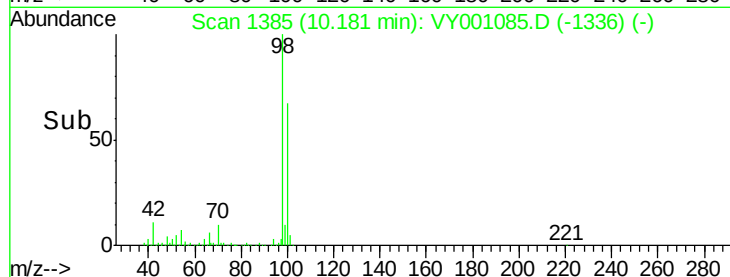


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 45.535 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

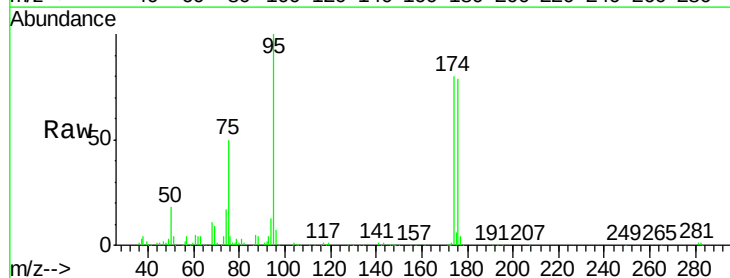
Tgt Ion: 95 Resp: 81174

Ion Ratio Lower Upper

95 100

174 78.7 0.0 156.4

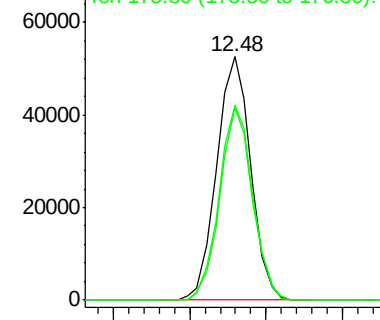
176 75.5 0.0 155.0



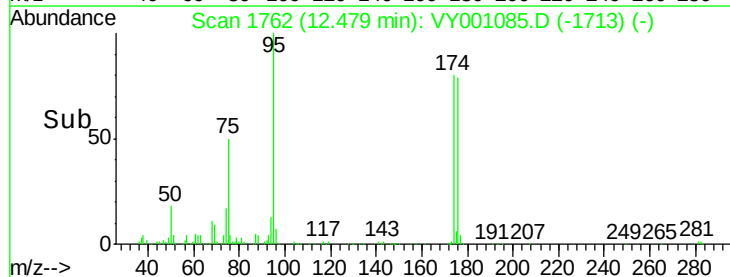
Abundance Ion 94.90 (94.60 to 95.60): VY0

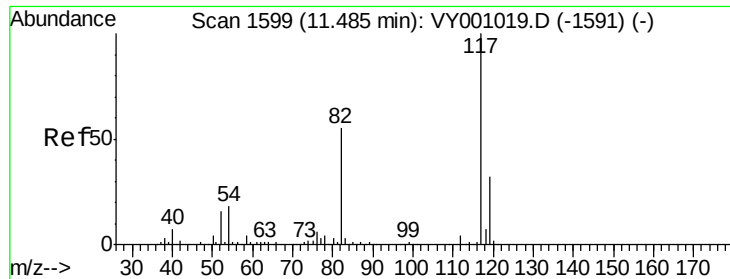
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

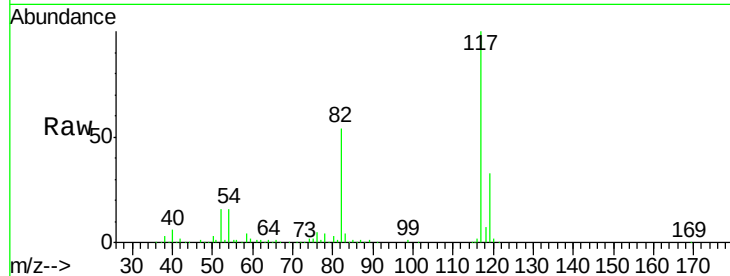




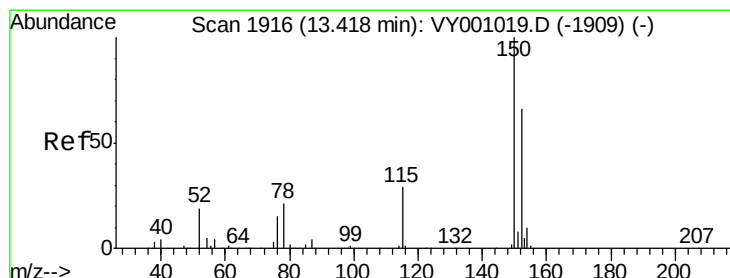
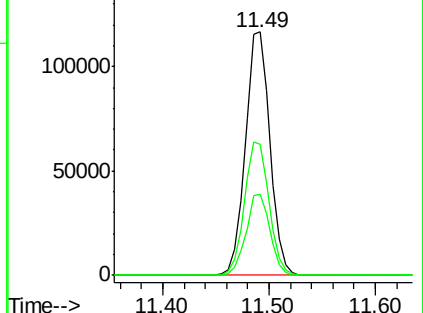
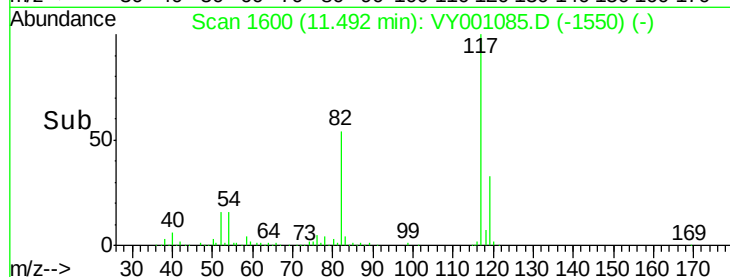
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001085.D
Acq: 26 Dec 2019 20:01

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion:117 Resp: 188366
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 33.0 25.8 38.6

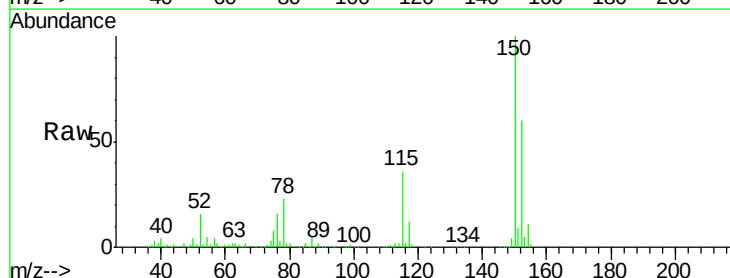


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

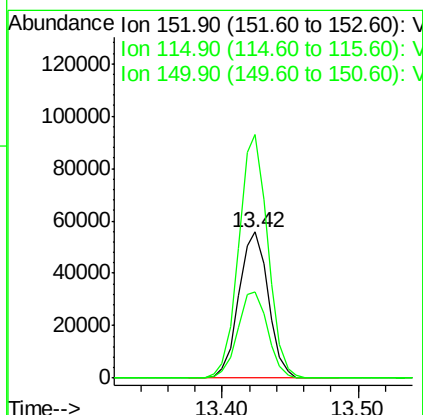
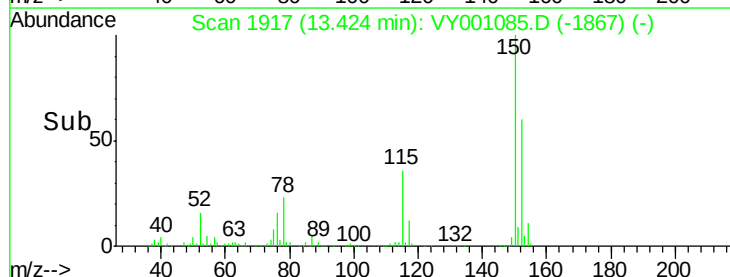


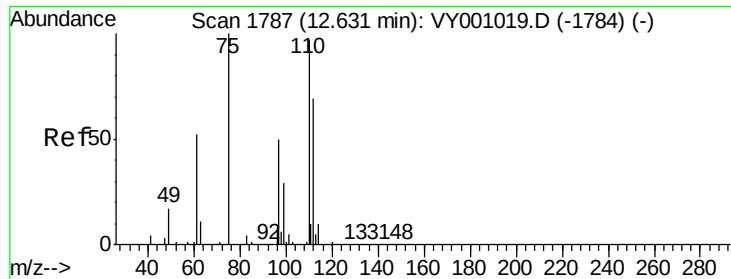
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001085.D
Acq: 26 Dec 2019 20:01

Tgt Ion:152 Resp: 84307
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 164.0 0.0 352.6



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: 38.614 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

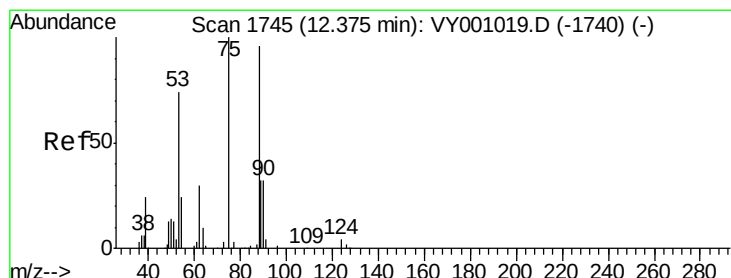
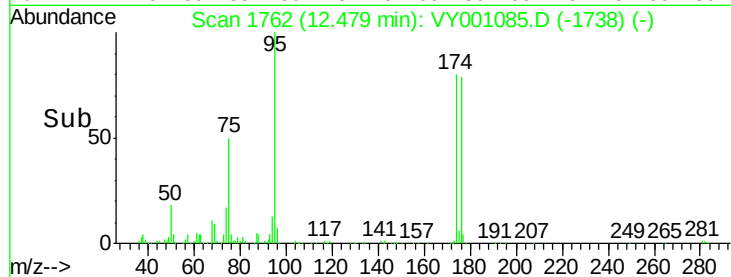
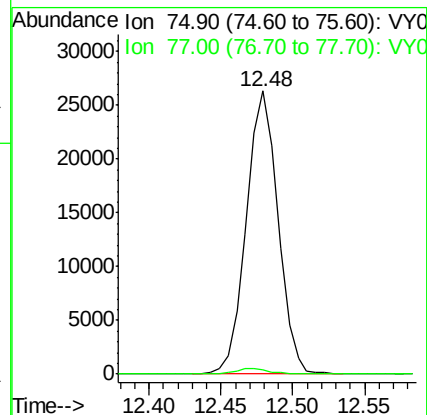
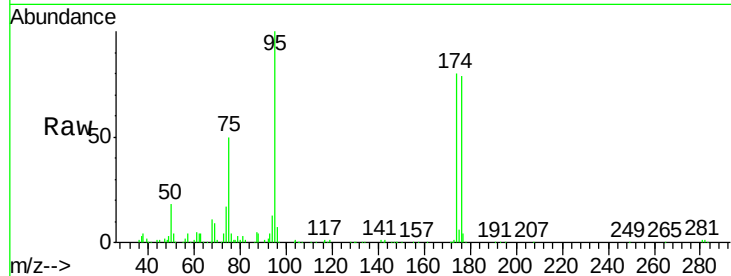
DUNR-BF006-01

Tgt Ion: 75 Resp: 40133

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.355 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001085.D

Acq: 26 Dec 2019 20:01

Tgt Ion: 75 Resp: 40133

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.0 35.4 53.0#

