

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
 Data File : VY001418.D
 Acq On : 29 Jan 2020 14:53
 Operator : SY/MD
 Sample : L1307-02
 Misc : 5.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-NORTH-SIDE

Quant Time: Jan 29 15:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	235187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	69151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	86469	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
35) Dibromofluoromethane	7.75	113	87525	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.19	98	344000	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.49	95	93680	34.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.88%	

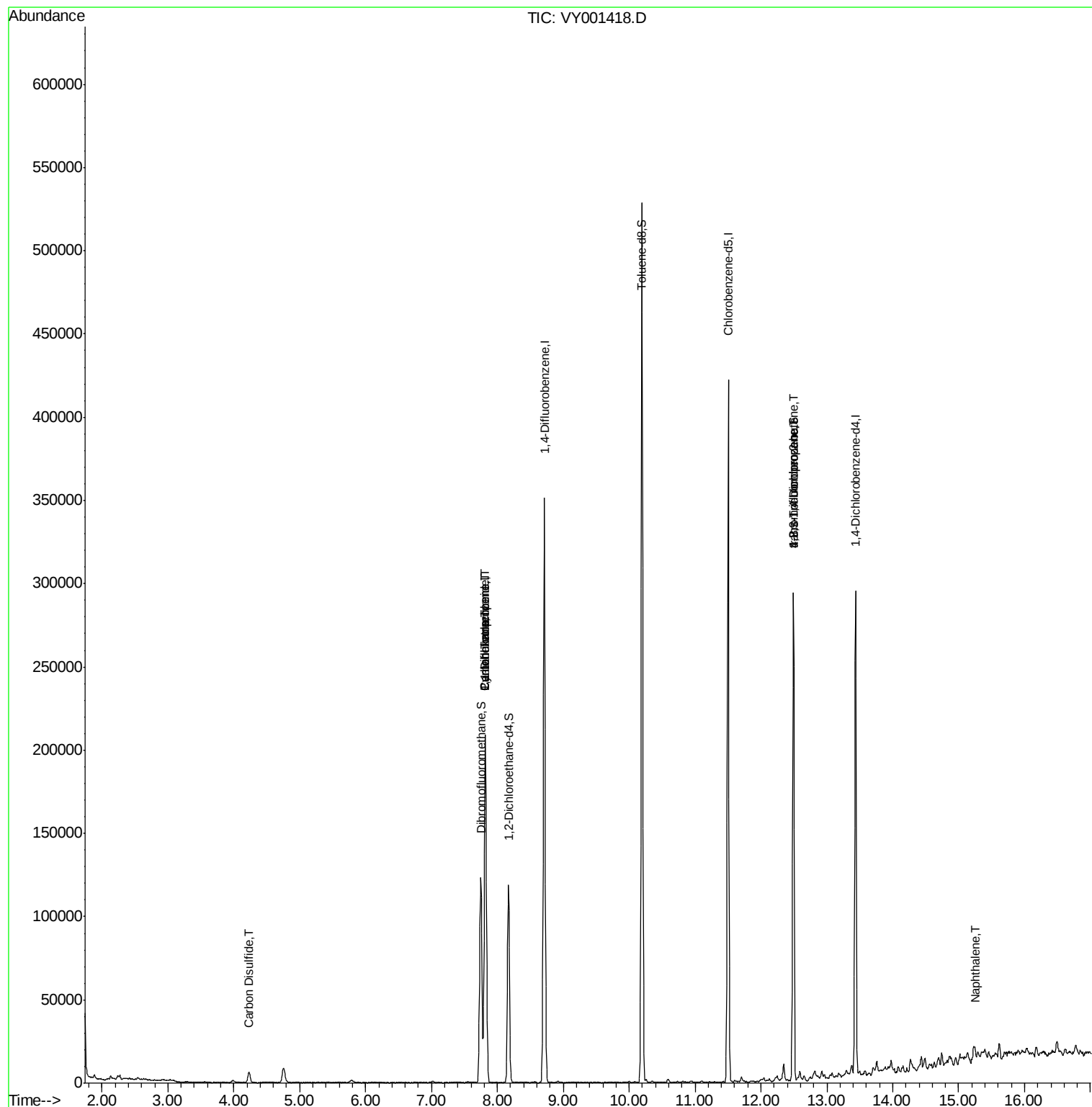
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	24	Below Cal	#	74
13) Acrolein	3.79	56	20	Below Cal	#	15
16) Acetone	3.99	43	2145	Below Cal	#	58
17) Carbon Disulfide	4.23	76	12478	2.27	ug/l	# 94
20) Methylene Chloride	4.76	84	6584	Below Cal		96
31) Cyclohexane	7.82	56	3599	1.04	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	13111	4.63	ug/l	# 50
38) Carbon Tetrachloride	7.82	117	15973	6.33	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	46508	55.81	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	46508	105.62	ug/l	# 14
95) Naphthalene	15.25	128	4602	1.40	ug/l	# 91

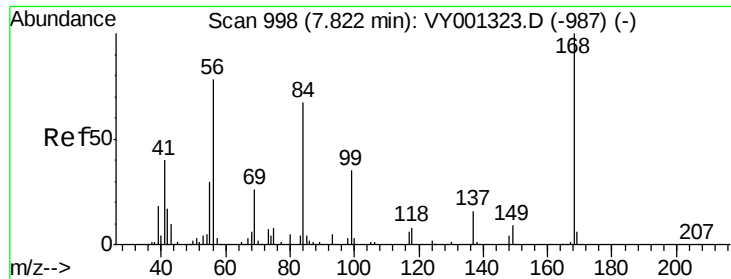
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

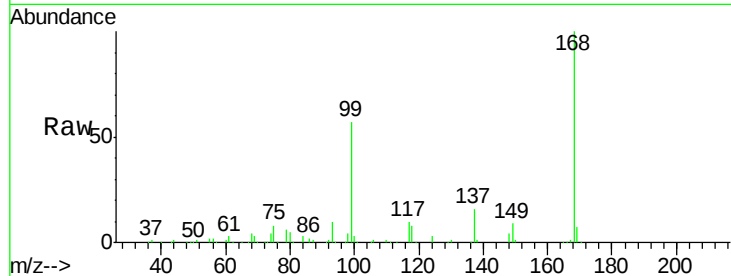
SP-NORTH-SIDE

Tgt Ion:168 Resp: 164790

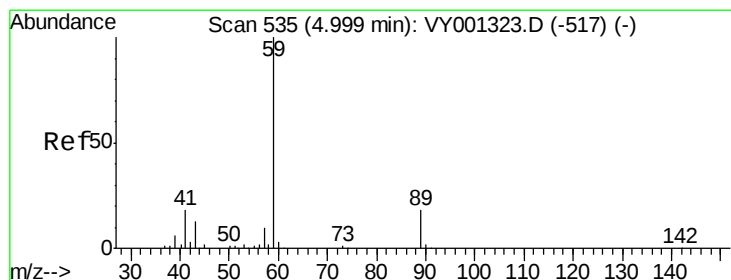
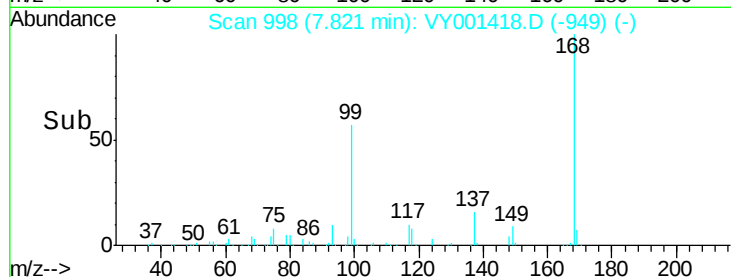
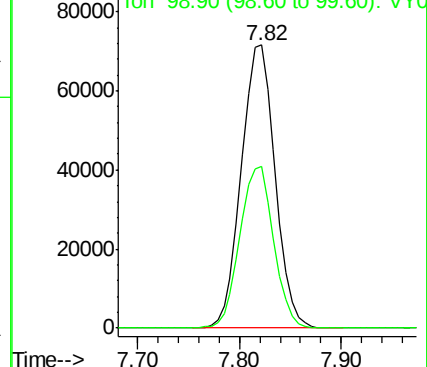
Ion Ratio Lower Upper

168 100

99 57.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001418.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001418.D

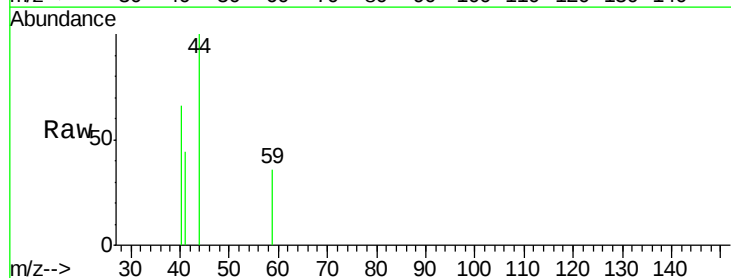
Acq: 29 Jan 2020 14:53

Tgt Ion: 59 Resp: 24

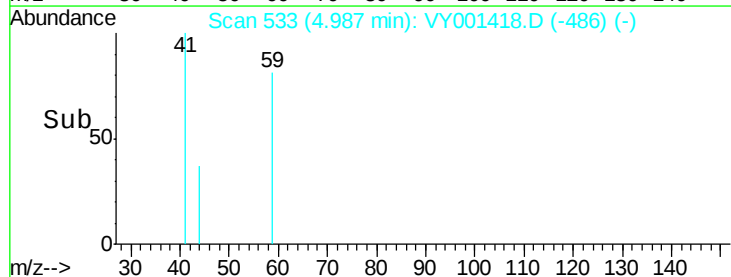
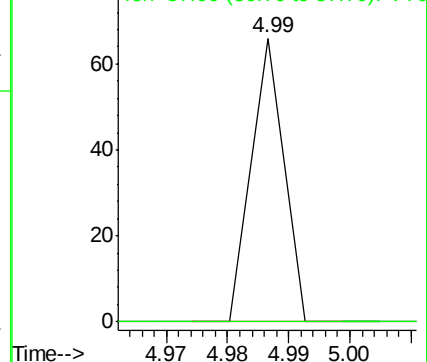
Ion Ratio Lower Upper

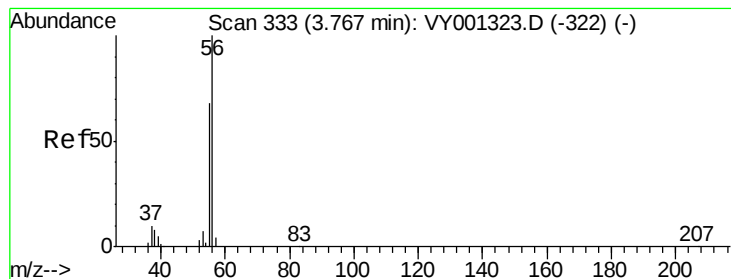
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001418.D (-486) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.79 min Scan# 337

Delta R.T. 0.02 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

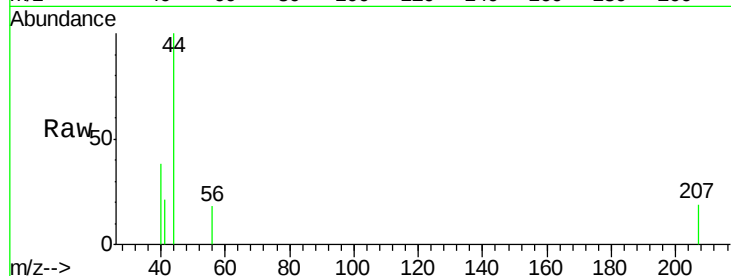
SP-NORTH-SIDE

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

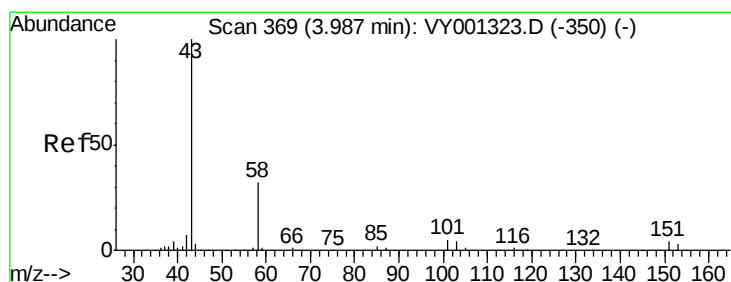
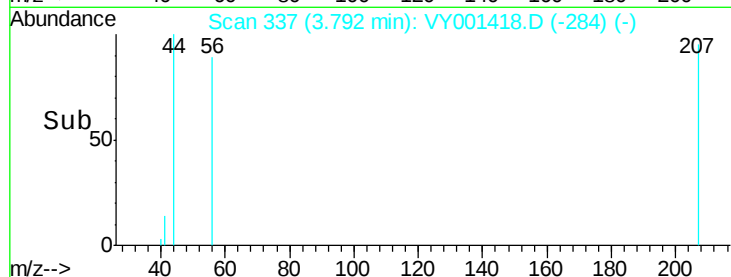
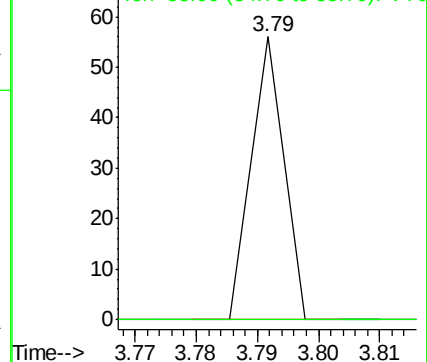
56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: Below Cal

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001418.D

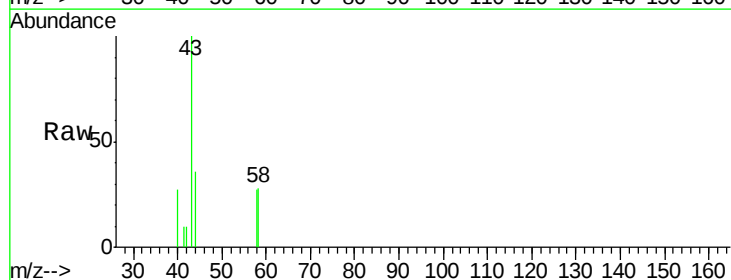
Acq: 29 Jan 2020 14:53

Tgt Ion: 43 Resp: 2145

Ion Ratio Lower Upper

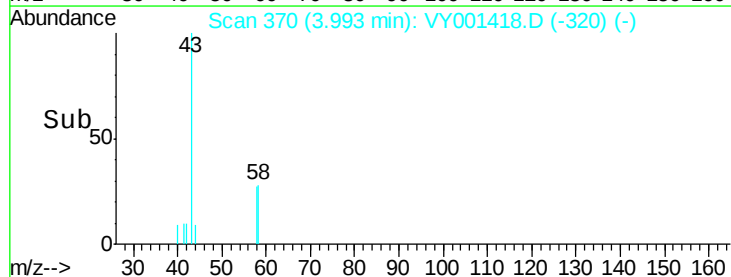
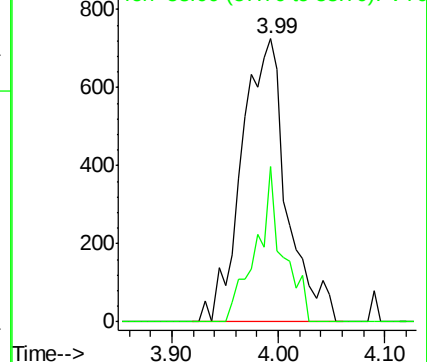
43 100

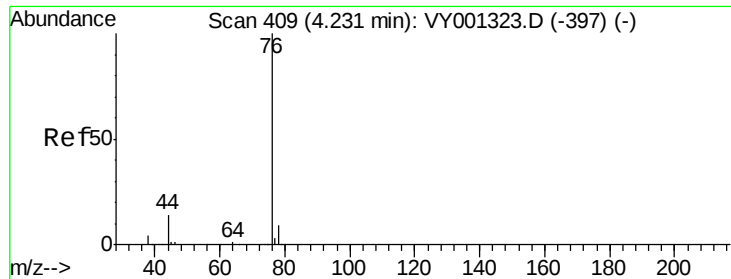
58 54.9 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

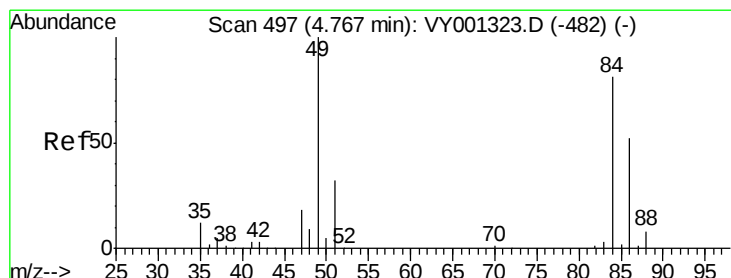
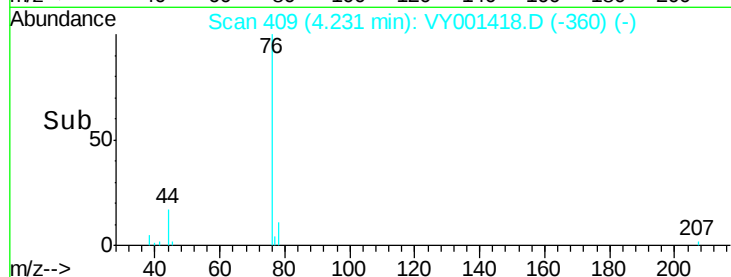
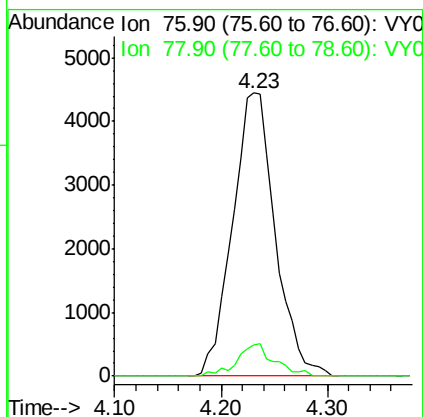
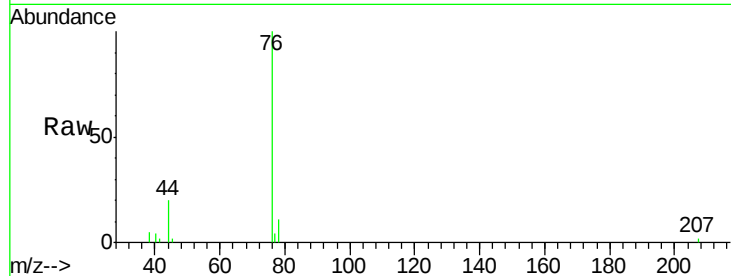




#17
Carbon Disulfide
Concen: 2.27 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001418.D
Acq: 29 Jan 2020 14:53

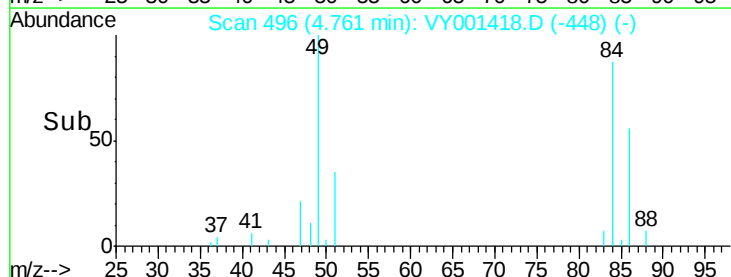
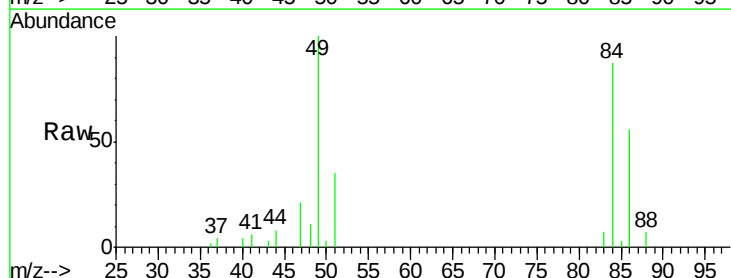
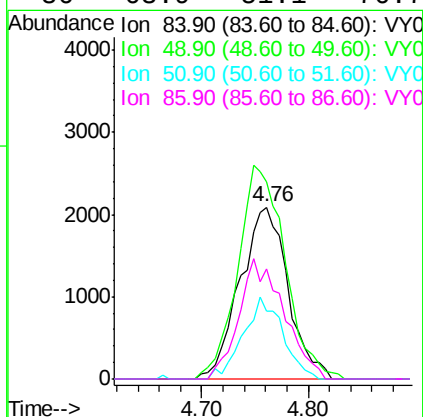
Instrument :
MSVOA_Y
ClientSampleId :
SP-NORTH-SIDE

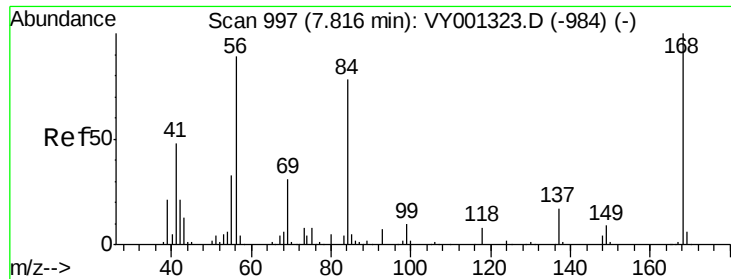
Tgt Ion: 76 Resp: 12478
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. -0.01 min
Lab File: VY001418.D
Acq: 29 Jan 2020 14:53

Tgt Ion: 84 Resp: 6584
Ion Ratio Lower Upper
84 100
49 114.6 98.3 147.5
51 39.9 31.6 47.4
86 63.9 51.1 76.7

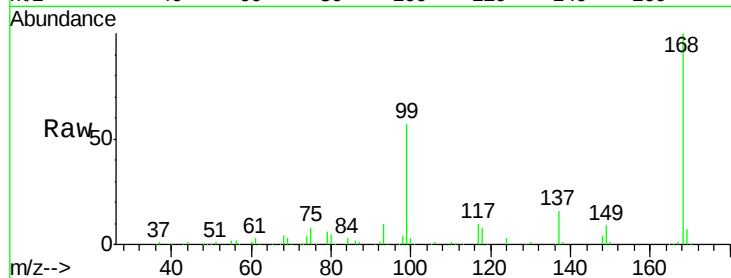




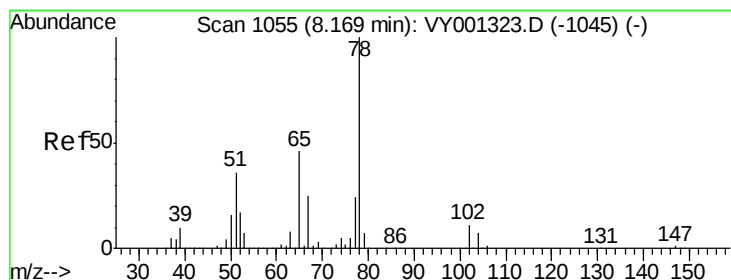
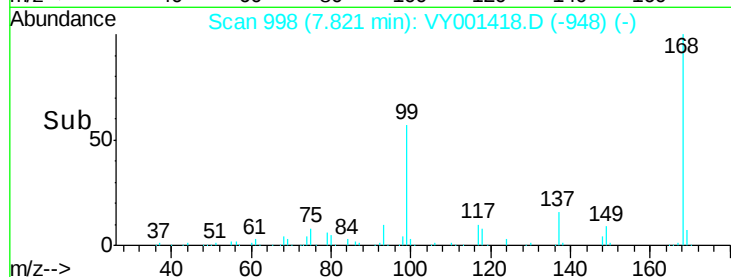
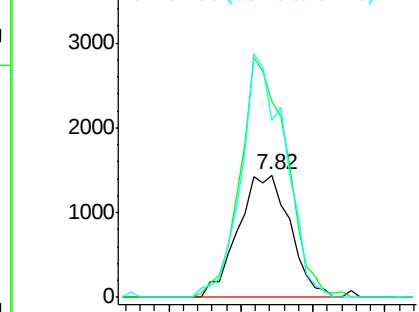
#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001418.D
Acq: 29 Jan 2020 14:53

Instrument :
MSVOA_Y
ClientSampleId :
SP-NORTH-SIDE

Tgt Ion: 56 Resp: 3599
Ion Ratio Lower Upper
56 100
69 160.5 27.6 41.4#
84 144.5 69.7 104.5#

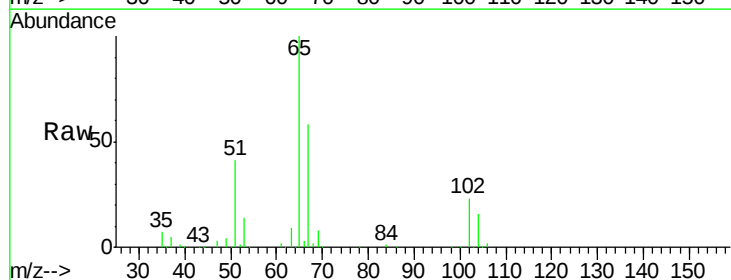


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

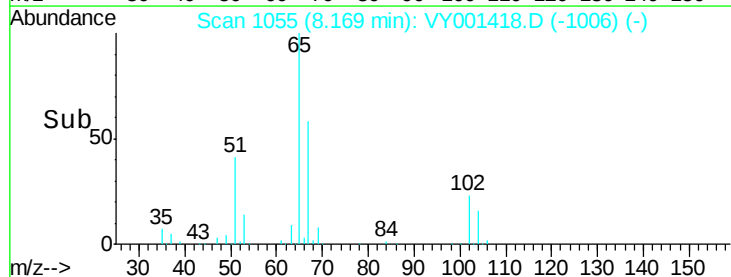
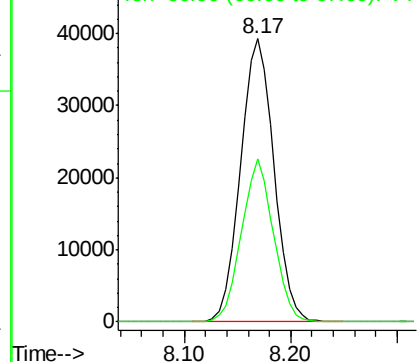


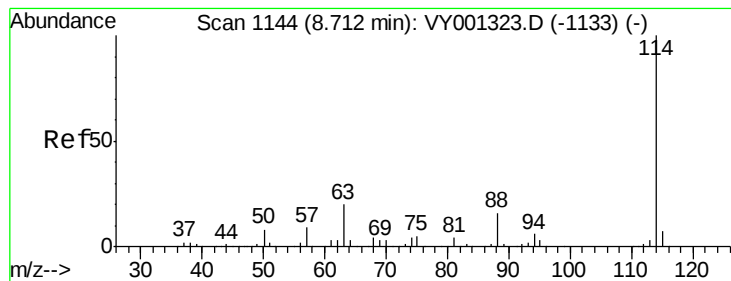
#33
1,2-Dichloroethane-d4
Concen: 48.22 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001418.D
Acq: 29 Jan 2020 14:53

Tgt Ion: 65 Resp: 86469
Ion Ratio Lower Upper
65 100
67 54.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

SP-NORTH-SIDE

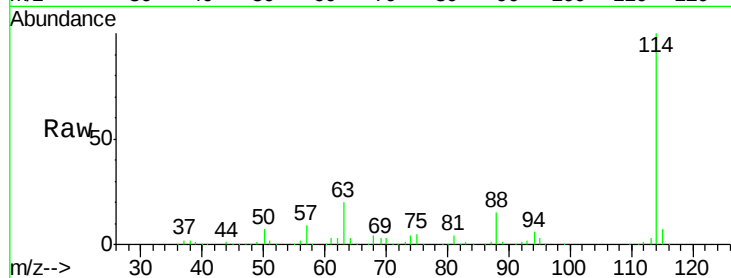
Tgt Ion:114 Resp: 299509

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

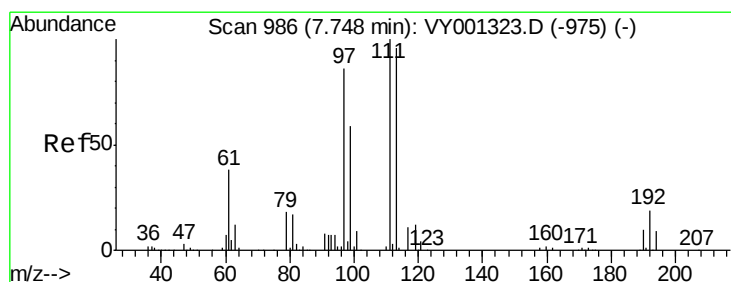
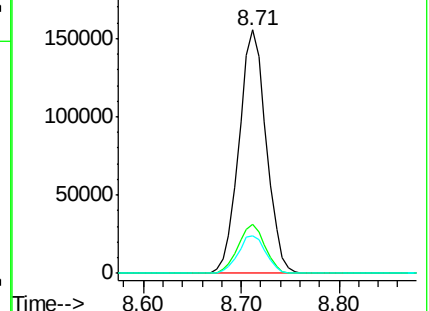
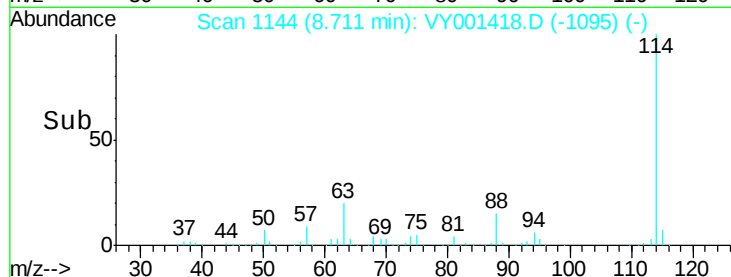
88 15.4 0.0 31.0



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: 49.79 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

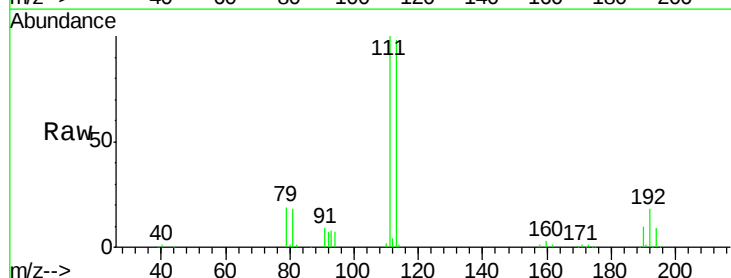
Tgt Ion:113 Resp: 87525

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

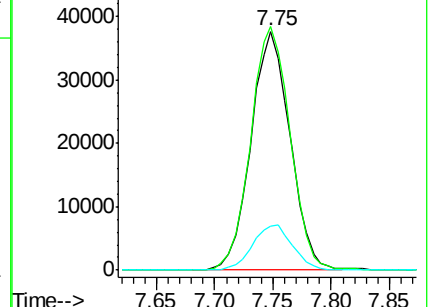
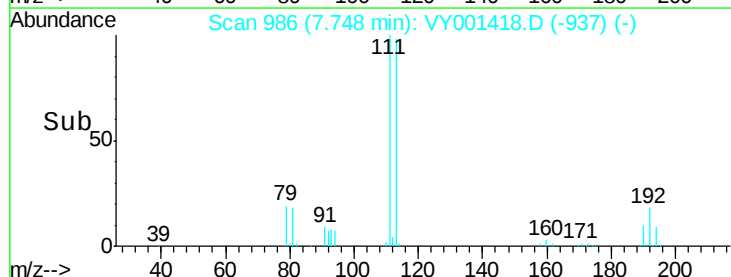
192 19.2 15.5 23.3

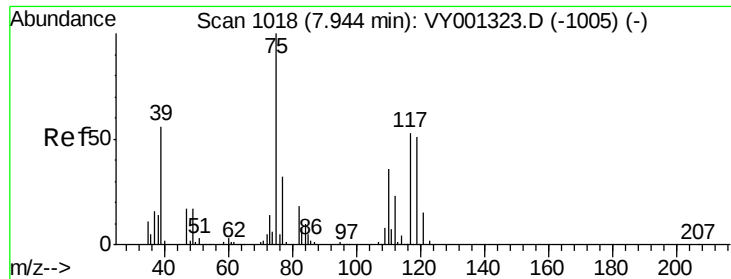


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

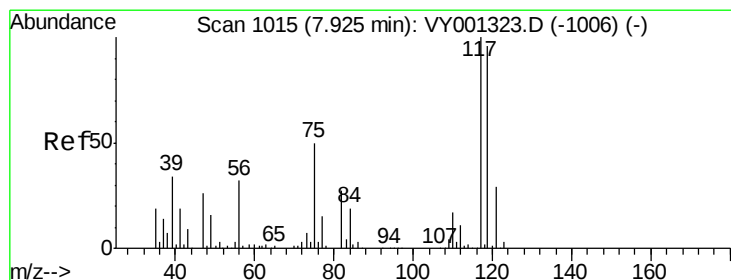
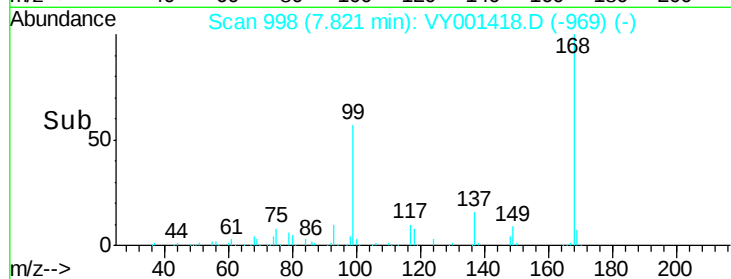
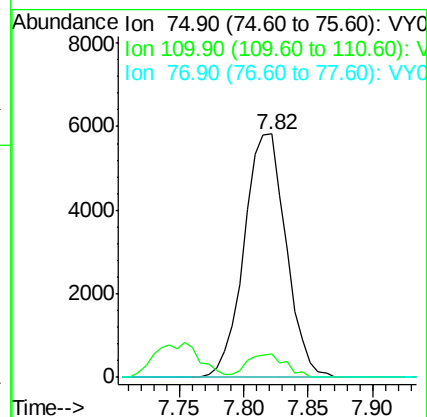
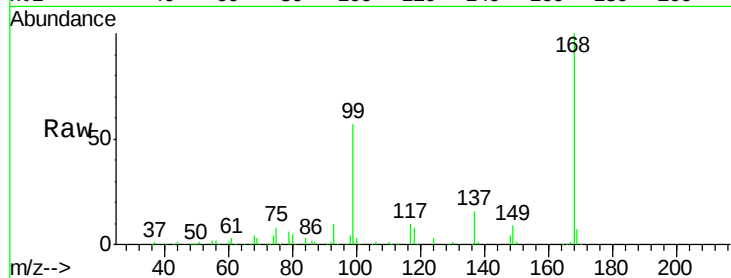




#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001418.D
 Acq: 29 Jan 2020 14:53

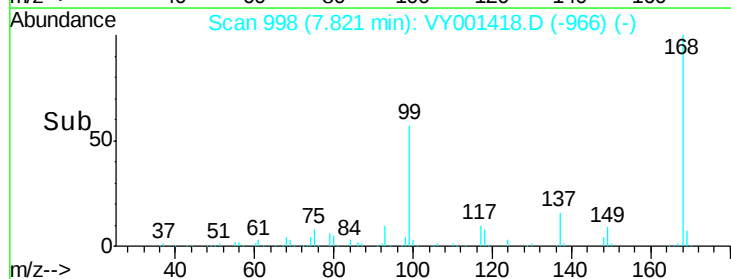
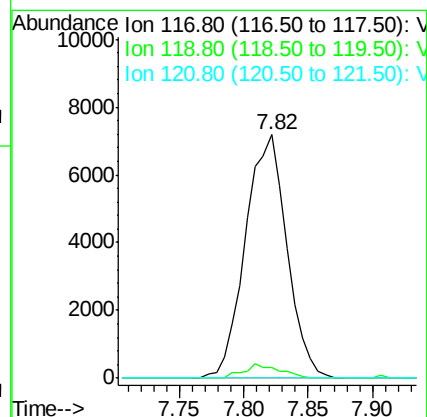
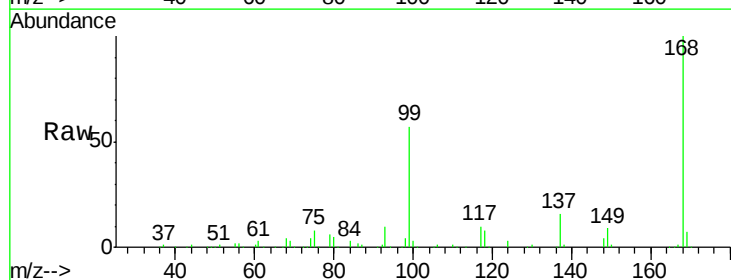
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-NORTH-SIDE

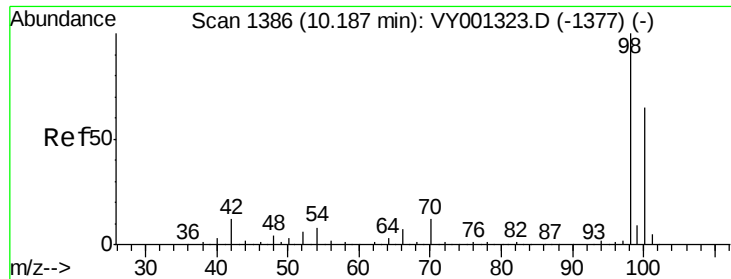
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.33 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001418.D
 Acq: 29 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 50.37 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

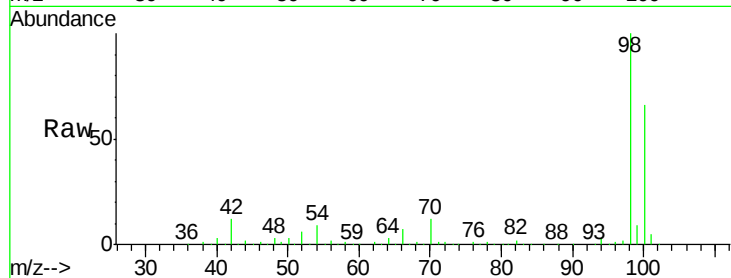
SP-NORTH-SIDE

Tgt Ion: 98 Resp: 344000

Ion Ratio Lower Upper

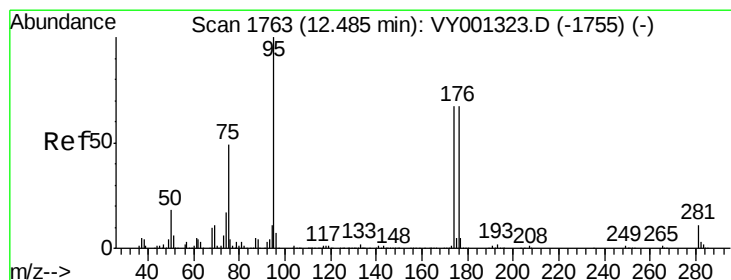
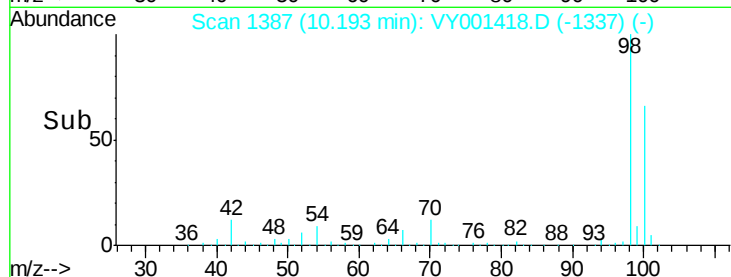
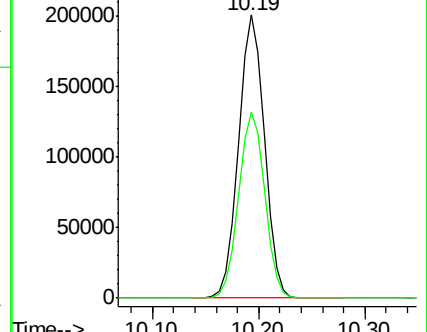
98 100

100 66.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 34.44 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001418.D

Acq: 29 Jan 2020 14:53

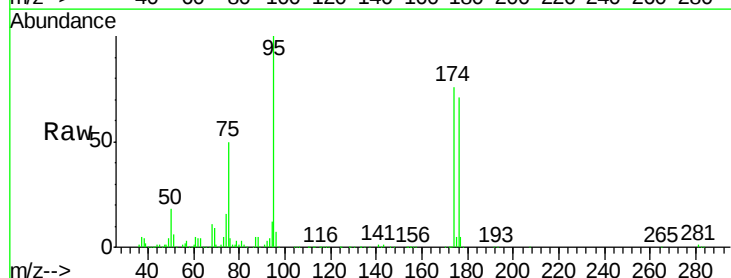
Tgt Ion: 95 Resp: 93680

Ion Ratio Lower Upper

95 100

174 74.8 0.0 142.0

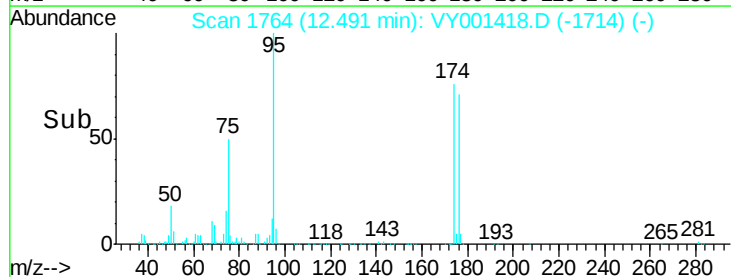
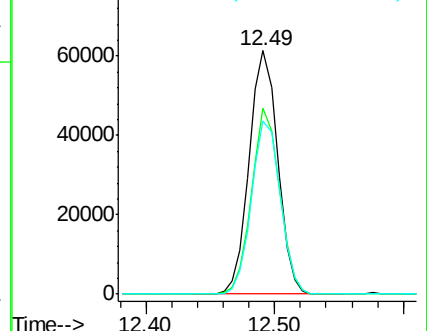
176 71.9 0.0 138.6

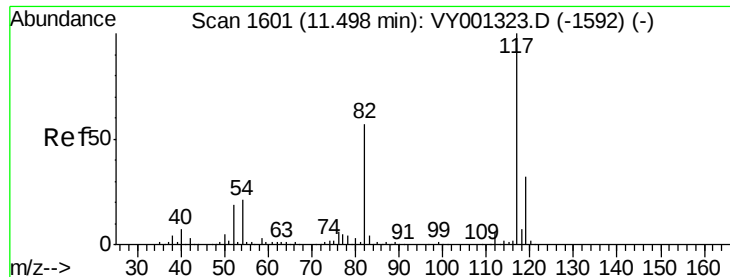


Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

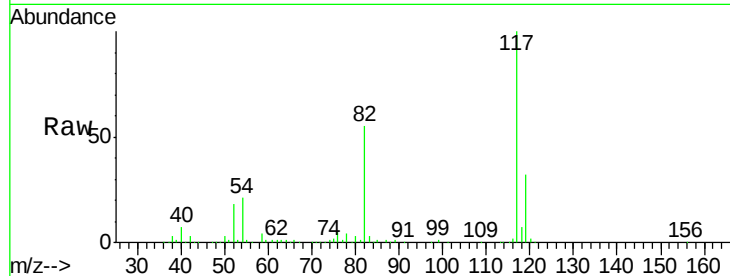




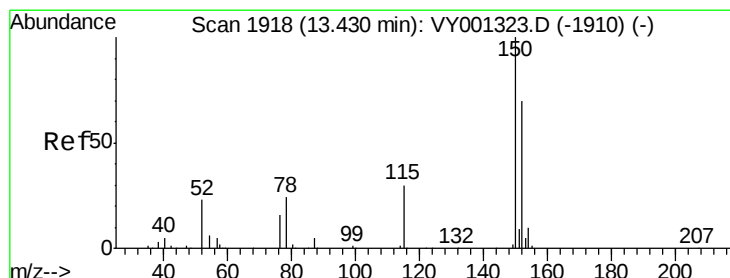
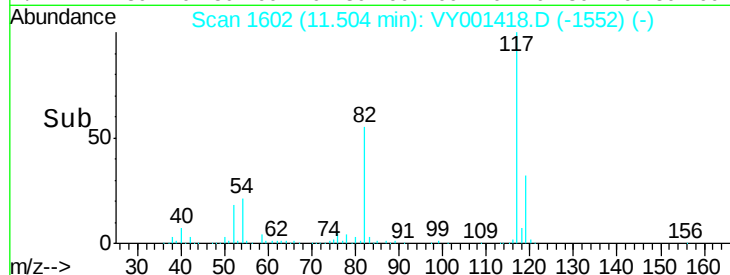
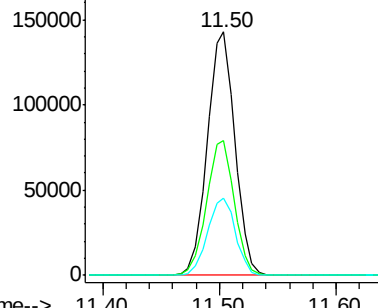
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001418.D
Acq: 29 Jan 2020 14:53

Instrument :
MSVOA_Y
ClientSampleId :
SP-NORTH-SIDE

Tgt Ion:117 Resp: 235187
Ion Ratio Lower Upper
117 100
82 55.2 45.5 68.3
119 31.7 25.8 38.6

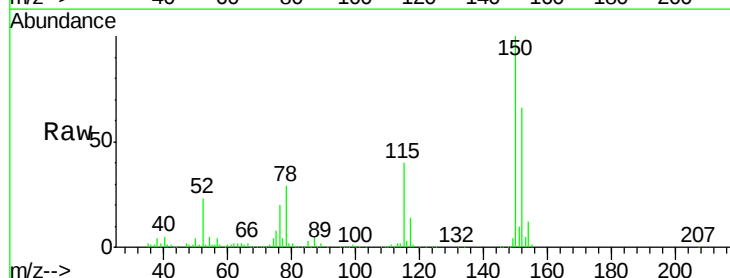


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

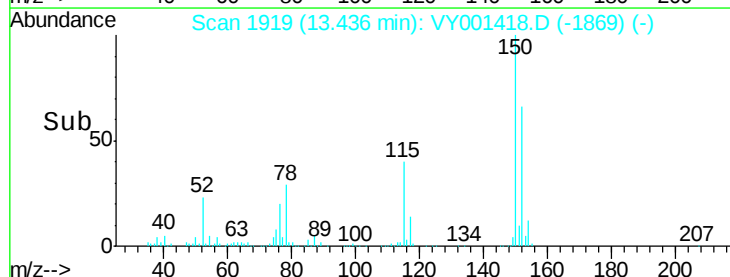
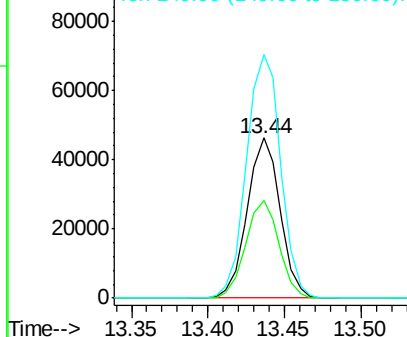


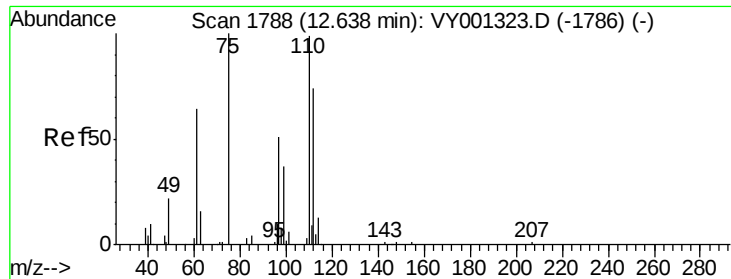
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001418.D
Acq: 29 Jan 2020 14:53

Tgt Ion:152 Resp: 69151
Ion Ratio Lower Upper
152 100
115 61.7 30.9 92.8
150 158.1 0.0 349.2



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

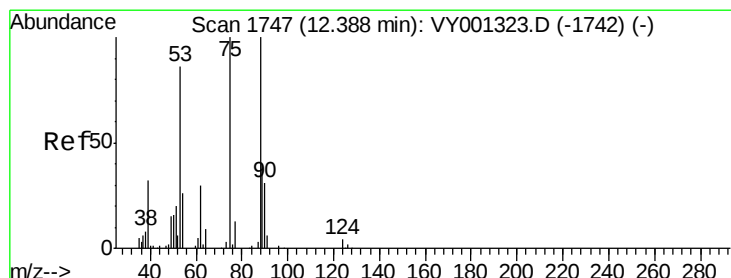
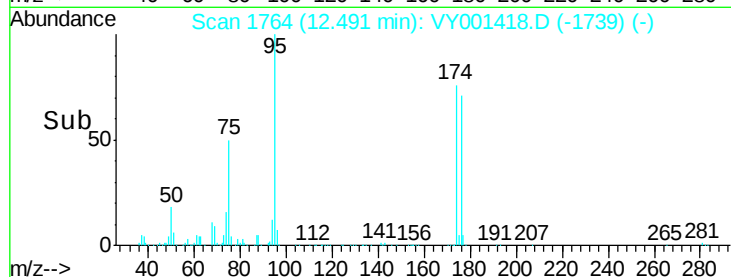
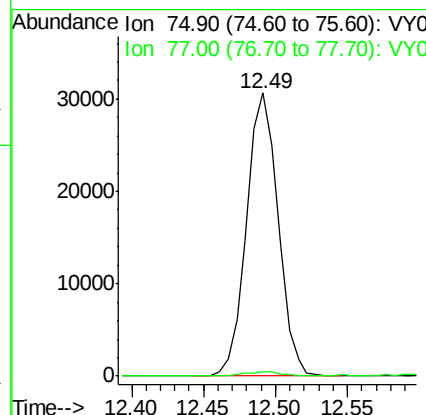
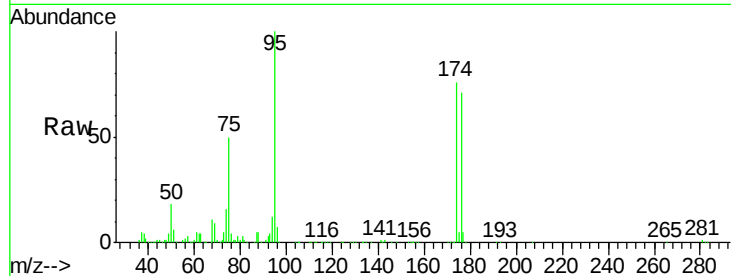




#76
 1,2,3-Trichloropropane
 Concen: 55.81 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001418.D
 Acq: 29 Jan 2020 14:53

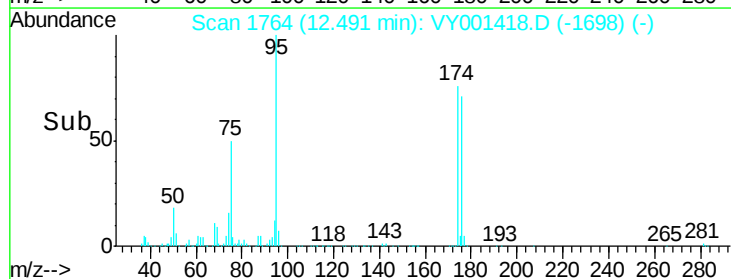
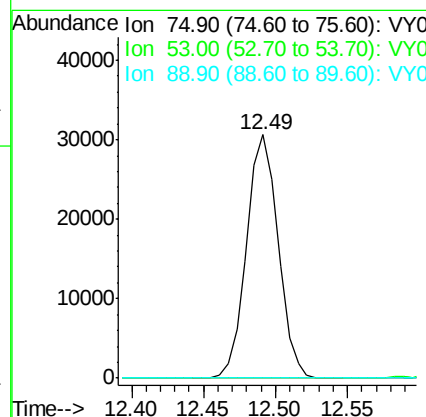
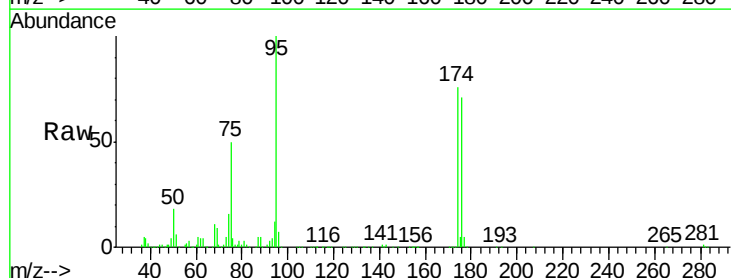
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-NORTH-SIDE

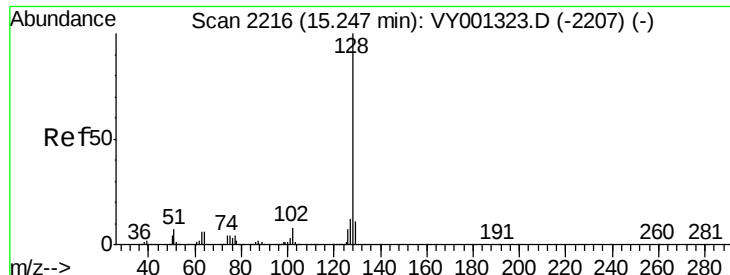
Tgt Ion: 75 Resp: 46508
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.62 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001418.D
 Acq: 29 Jan 2020 14:53

Tgt Ion: 75 Resp: 46508
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.9 104.9#
 89 0.2 36.6 54.8#

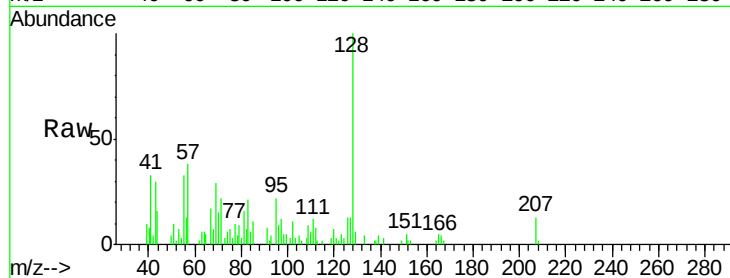




#95
Naphthalene
Concen: 1.40 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001418.D
Acq: 29 Jan 2020 14:53

Instrument :
MSVOA_Y
ClientSampleId :
SP-NORTH-SIDE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	17.3	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

