

Data File : VY001520.D
Acq On : 05 Feb 2020 20:09
Operator : SY/MD
Sample : L1408-03
Misc : 5.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-01-A

Quant Time: Feb 06 07:02:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	11860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	20398	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	16297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	5589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	6108	51.15	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.75	113	5874	49.94	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.20	98	24003	53.94	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.49	95	6996	39.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.82%	

Target Compounds

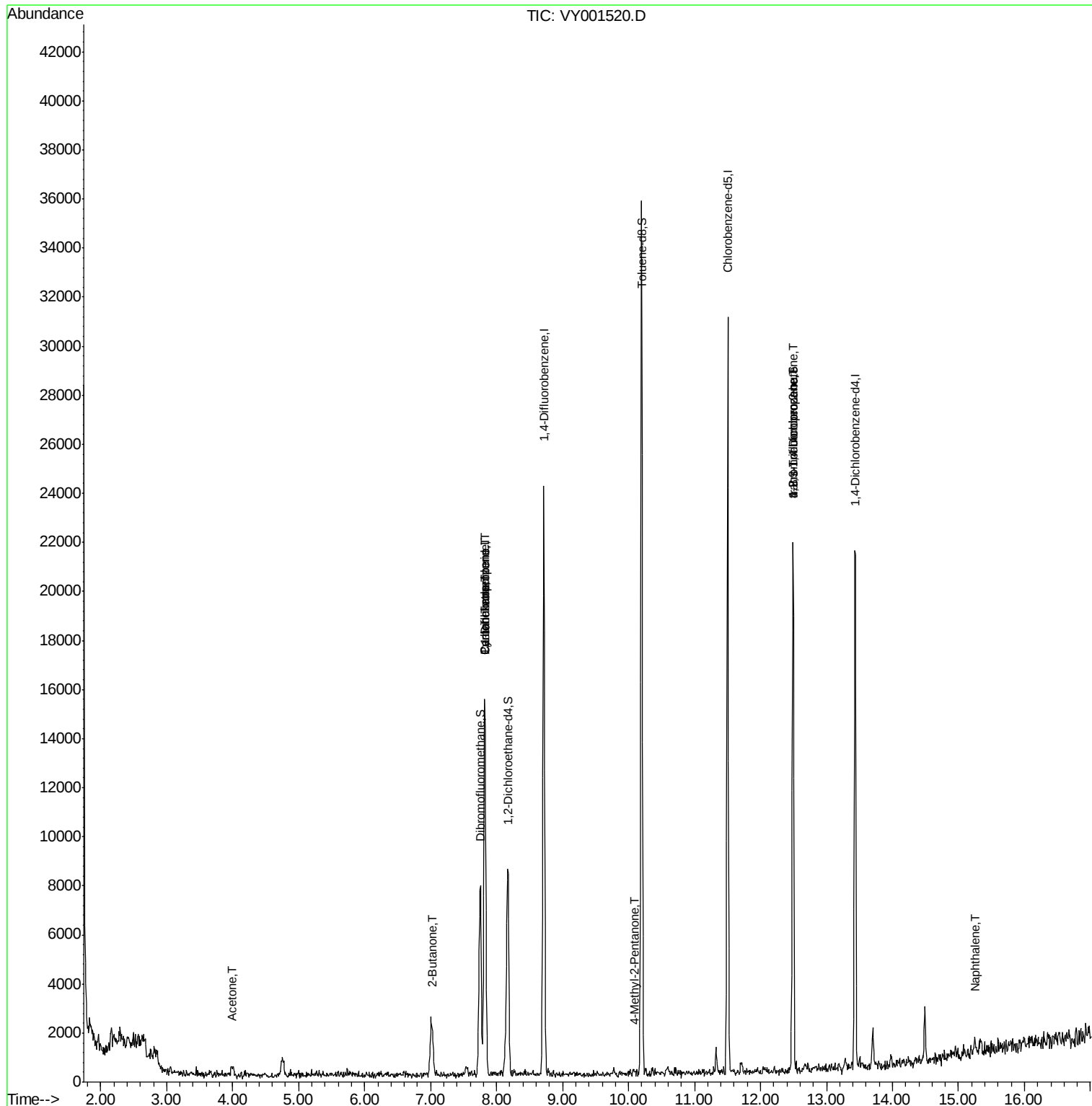
						Qvalue
16) Acetone	3.99	43	886	25.650	ug/l #	78
20) Methylene Chloride	4.77	84	552	Below Cal	#	72
25) 2-Butanone	7.03	43	154	3.437	ug/l #	45
31) Cyclohexane	7.82	56	282	1.213	ug/l #	55
36) 1,1-Dichloropropene	7.82	75	1098	5.884	ug/l #	41
38) Carbon Tetrachloride	7.82	117	1246	6.902	ug/l #	12
51) 4-Methyl-2-Pentanone	10.09	43	153	1.737	ug/l #	33
76) 1,2,3-Trichloropropane	12.49	75	3620	60.229	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	3620	116.540	ug/l #	16
95) Naphthalene	15.25	128	707	2.786	ug/l	96

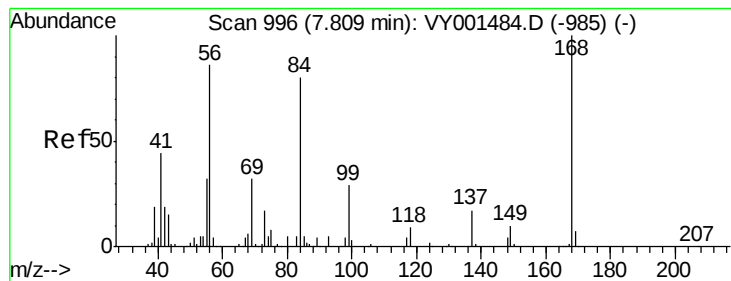
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VY001520.D
Acq On : 05 Feb 2020 20:09
Operator : SY/MD
Sample : L1408-03
Misc : 5.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-01-A

Quant Time: Feb 06 07:02:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

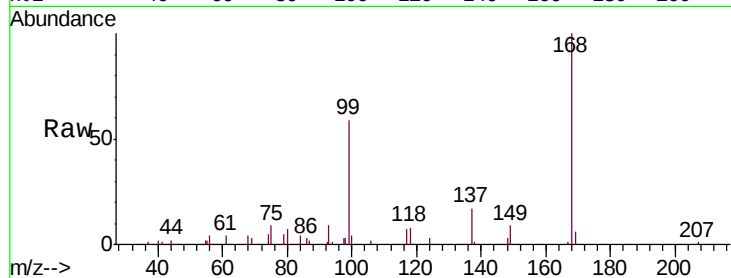
SHORE-RD-PATH-BH-01-A

Tgt Ion: 168 Resp: 11860

Ion Ratio Lower Upper

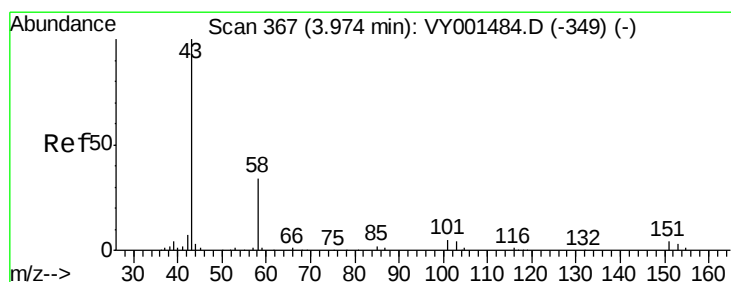
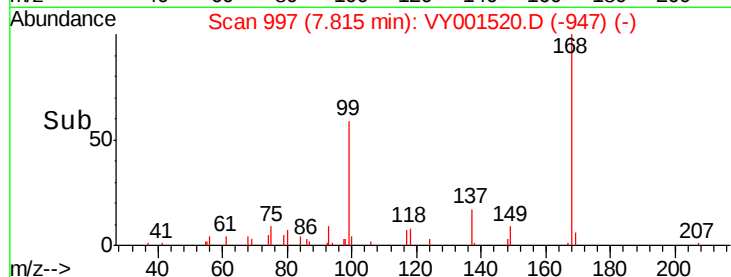
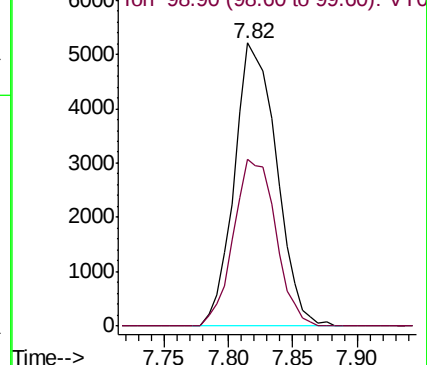
168 100

99 59.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001520.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001520.D (-947) (-)



#16

Acetone

Concen: 25.650 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001520.D

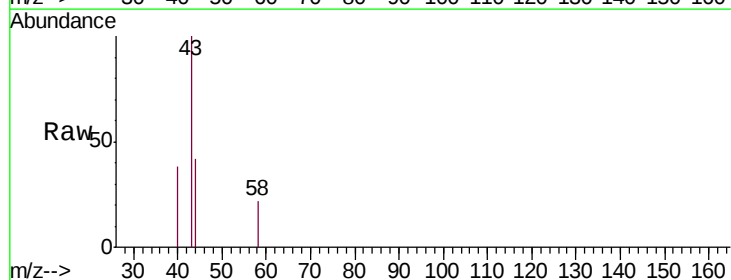
Acq: 05 Feb 2020 20:09

Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

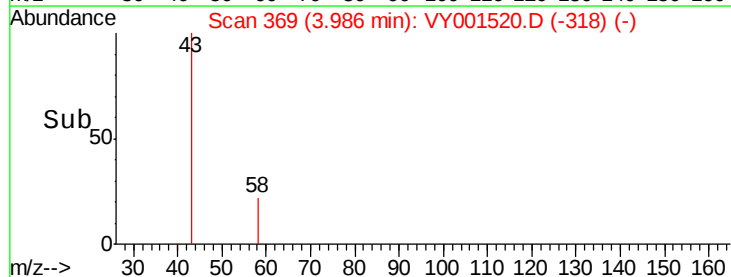
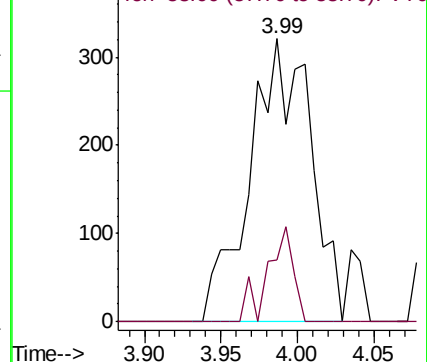
43 100

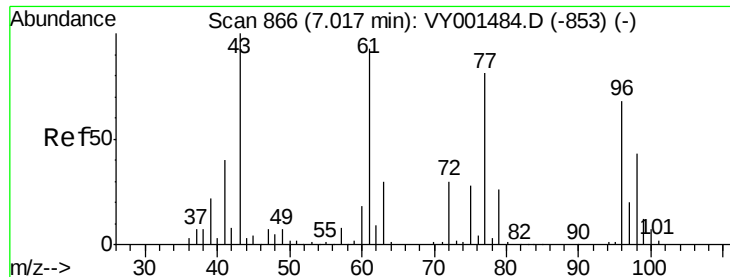
58 21.8 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001520.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001520.D (-318) (-)

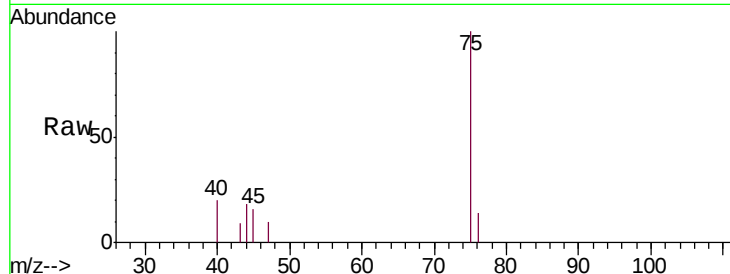




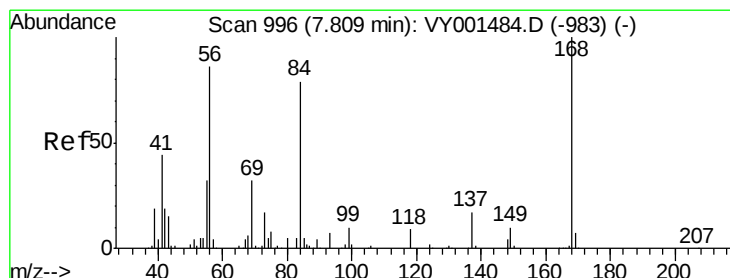
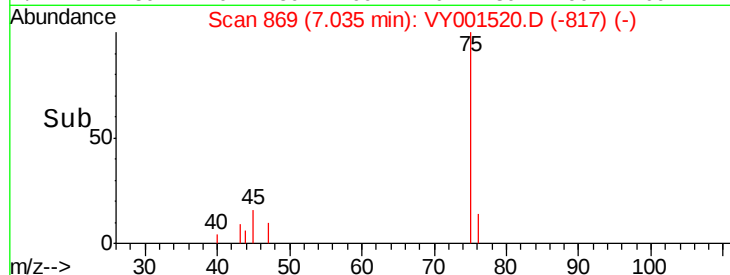
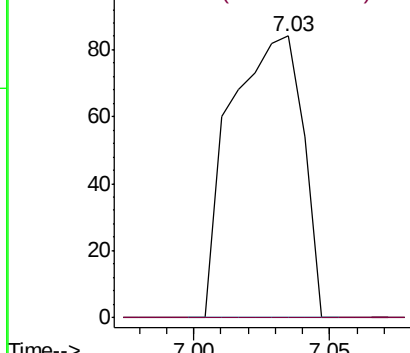
#25
2-Butanone
Concen: 3.437 ug/l
RT: 7.03 min Scan# 869
Delta R.T. 0.02 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-01-A

Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.8#

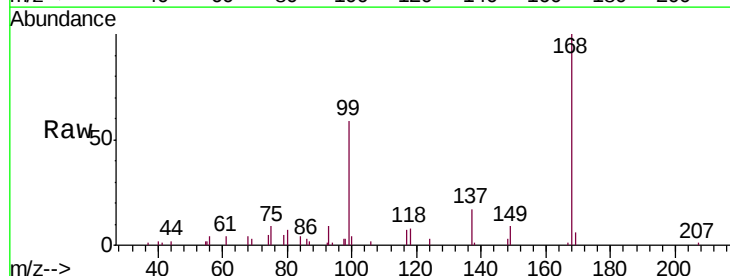


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

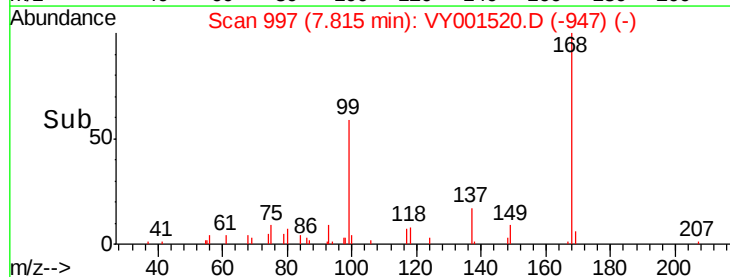
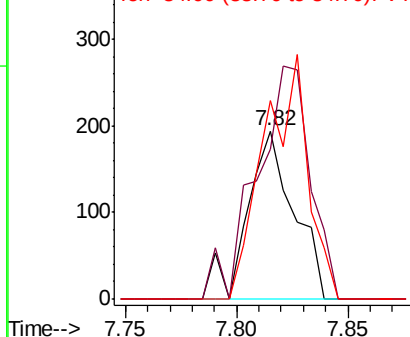


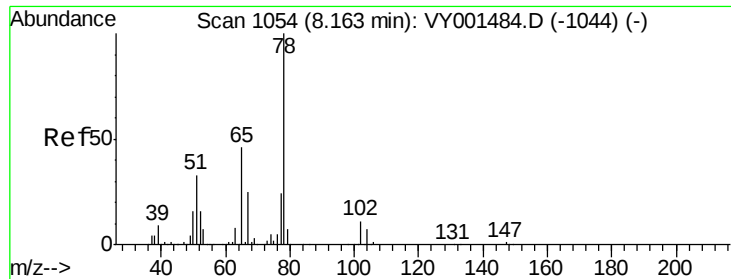
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
69 89.2 29.6 44.4#
84 118.0 73.6 110.4#



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: 51.150 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

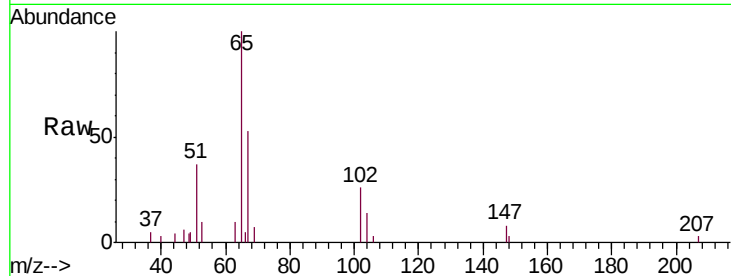
SHORE-RD-PATH-BH-01-A

Tgt Ion: 65 Resp: 6108

Ion Ratio Lower Upper

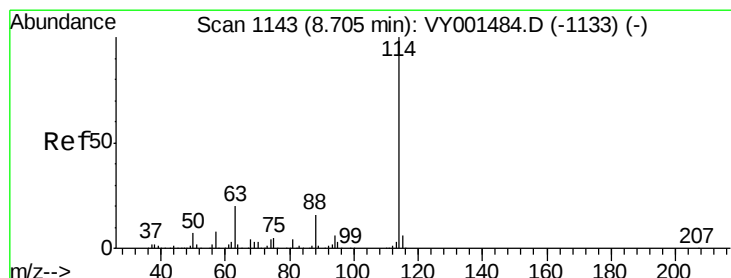
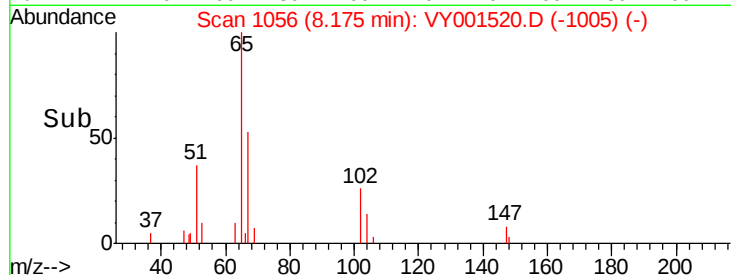
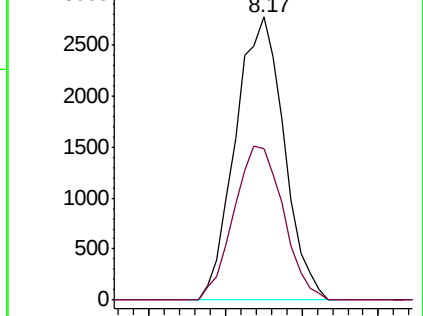
65 100

67 55.4 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: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

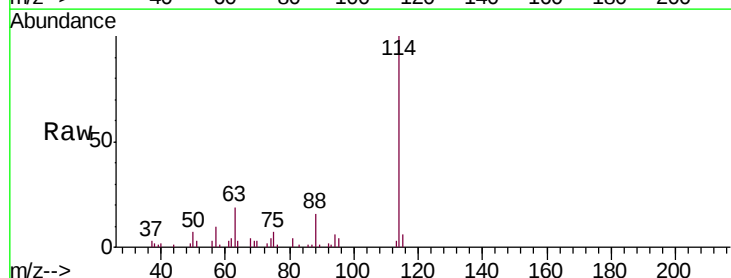
Tgt Ion: 114 Resp: 20398

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

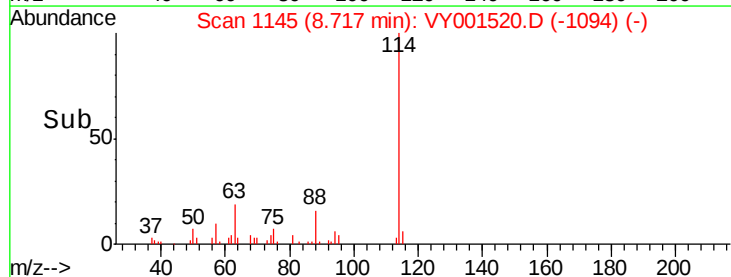
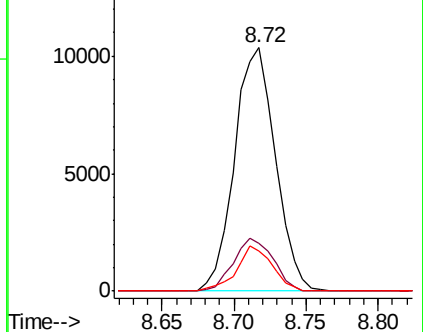
88 16.4 0.0 32.6

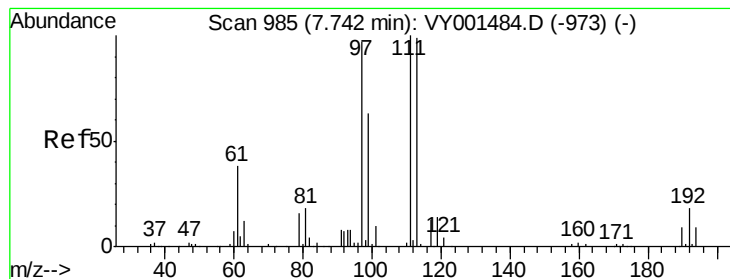


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 49.939 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-PATH-BH-01-A

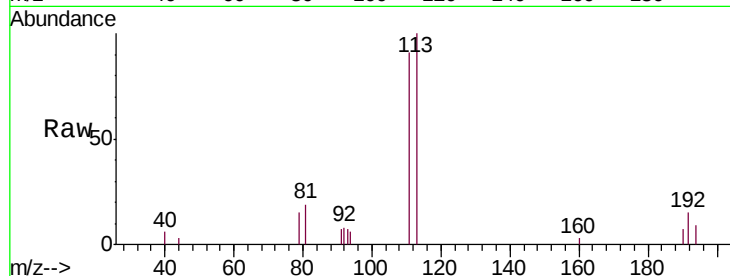
Tgt Ion:113 Resp: 5874

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

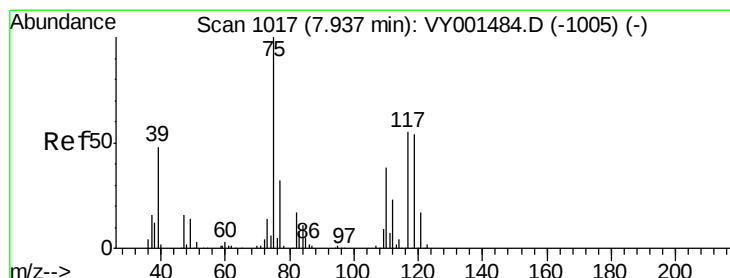
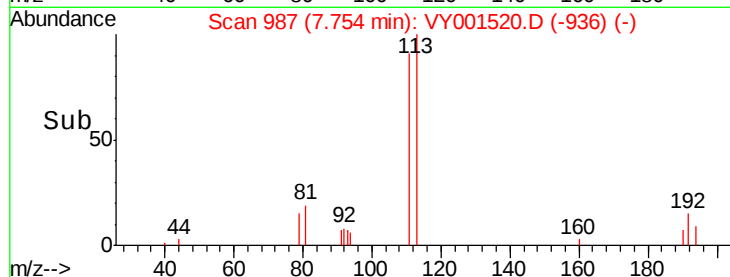
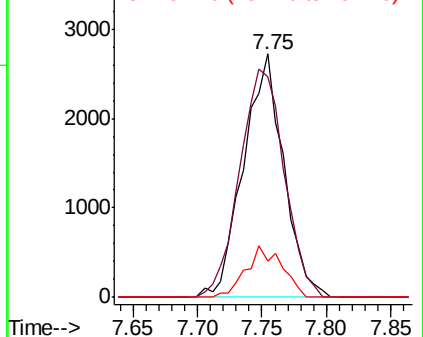
192 18.8 14.6 22.0



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: 5.884 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

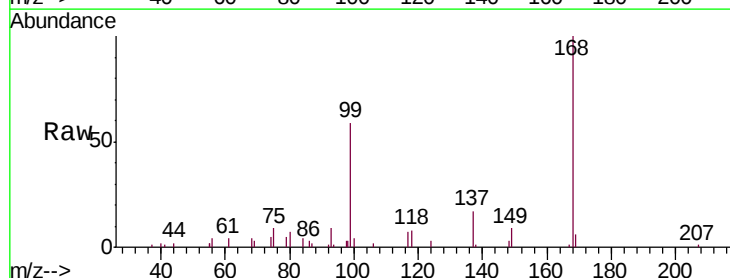
Tgt Ion: 75 Resp: 1098

Ion Ratio Lower Upper

75 100

110 0.0 18.2 54.6#

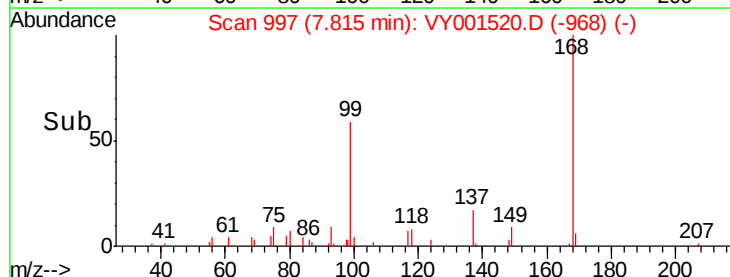
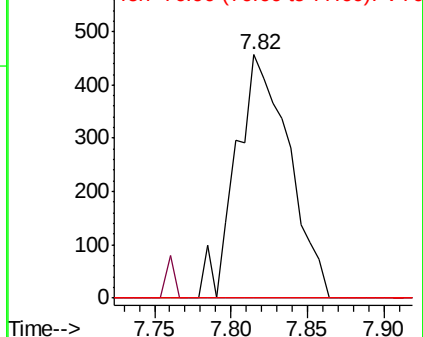
77 0.0 25.0 37.4#

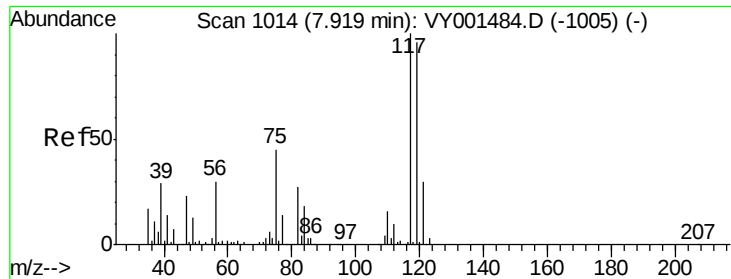


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.902 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-PATH-BH-01-A

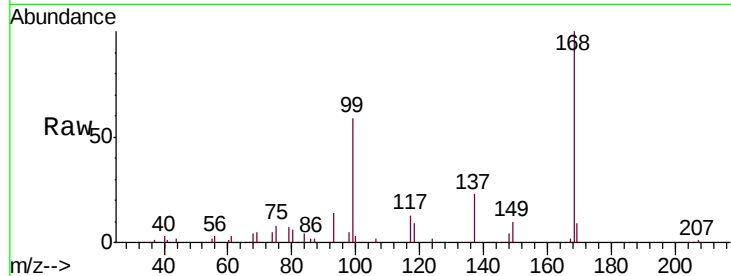
Tgt Ion: 117 Resp: 1246

Ion Ratio Lower Upper

117 100

119 0.0 76.4 114.6#

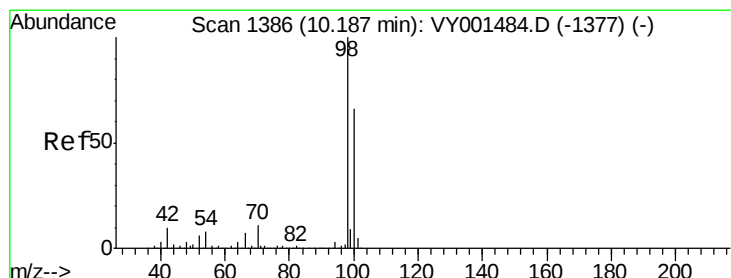
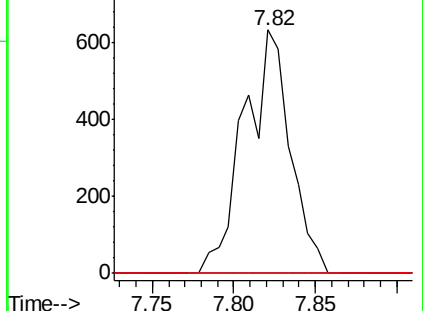
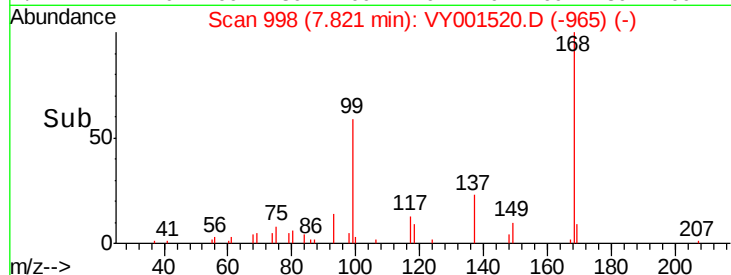
121 0.0 24.2 36.4#



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: 53.936 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001520.D

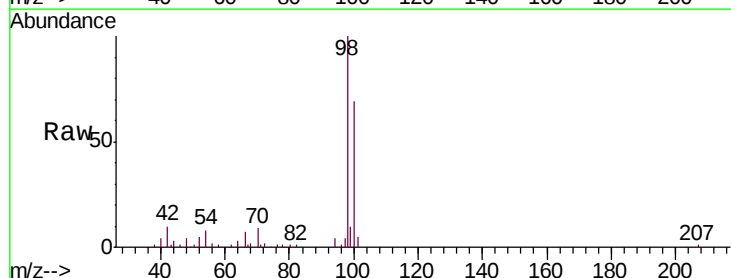
Acq: 05 Feb 2020 20:09

Tgt Ion: 98 Resp: 24003

Ion Ratio Lower Upper

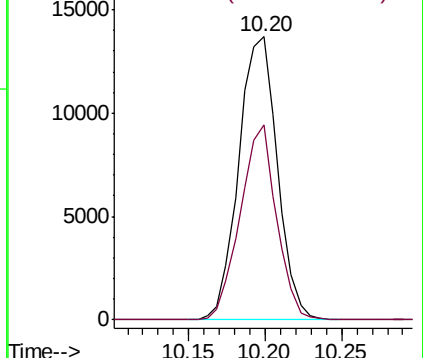
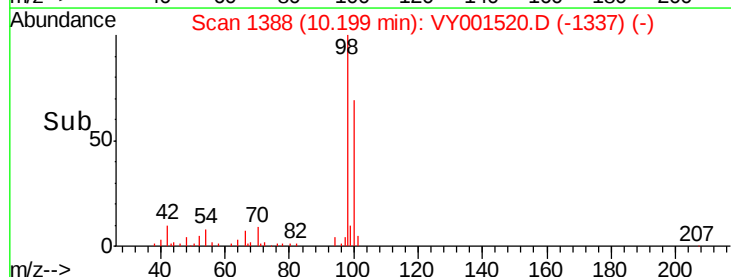
98 100

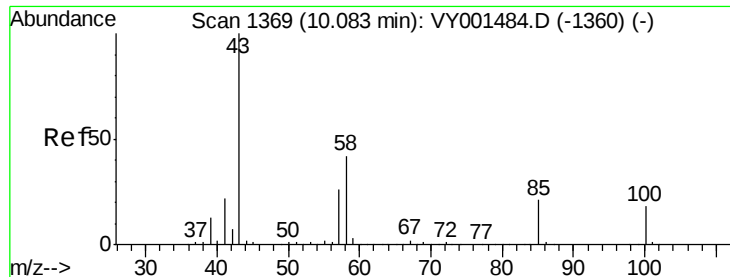
100 64.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

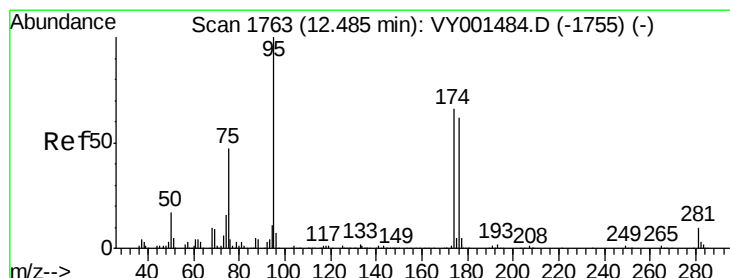
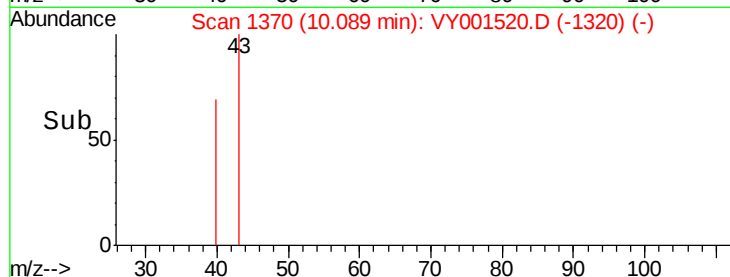
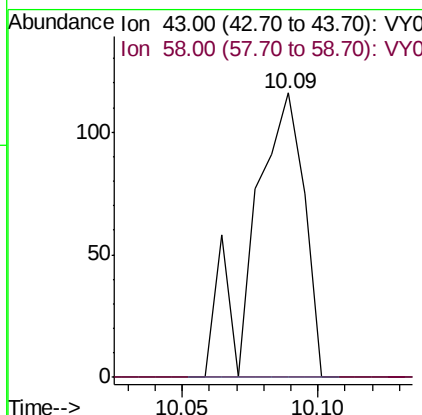
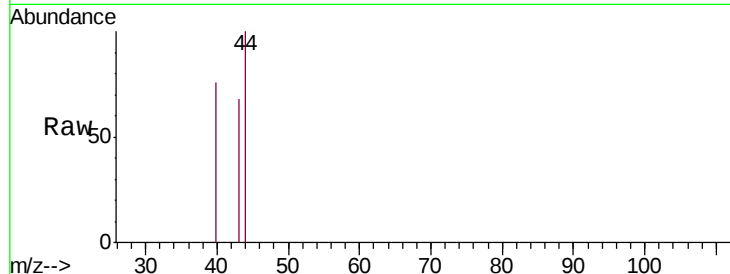




#51
 4-Methyl-2-Pentanone
 Concen: 1.737 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY001520.D
 Acq: 05 Feb 2020 20:09

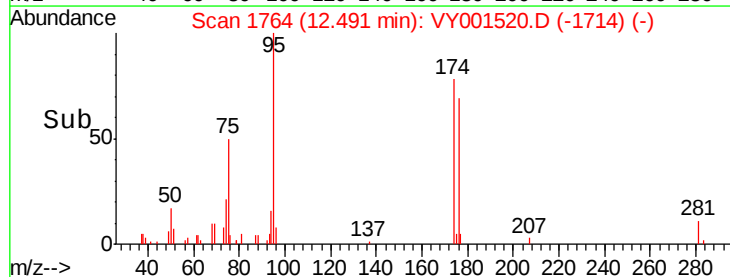
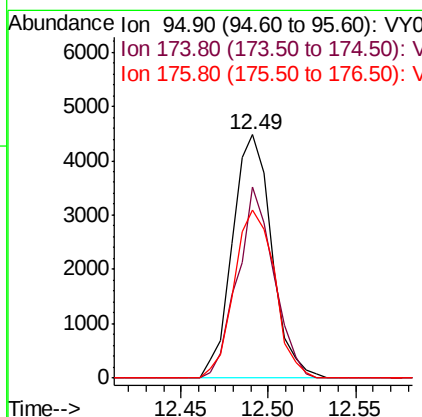
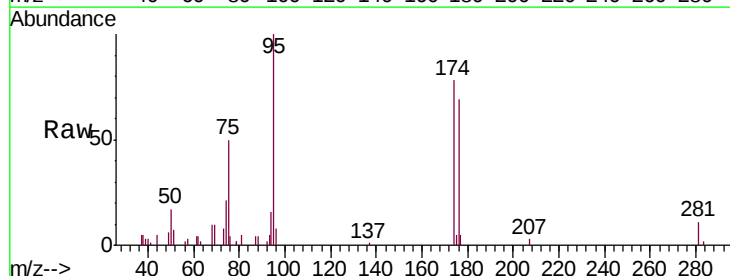
Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-PATH-BH-01-A

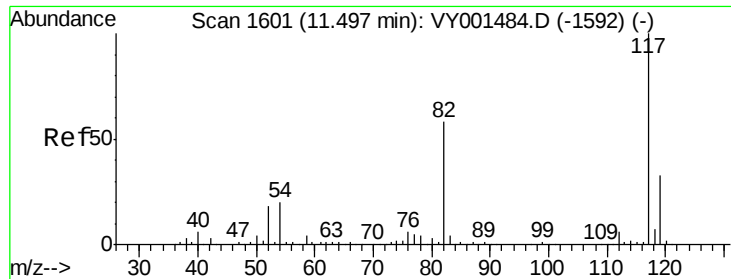
Tgt Ion: 43 Resp: 153
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.9 50.9#



#62
 4-Bromofluorobenzene
 Concen: 39.905 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001520.D
 Acq: 05 Feb 2020 20:09

Tgt Ion: 95 Resp: 6996
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 141.4
 176 71.8 0.0 135.4

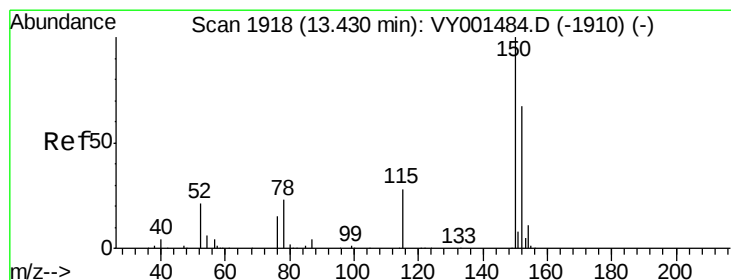
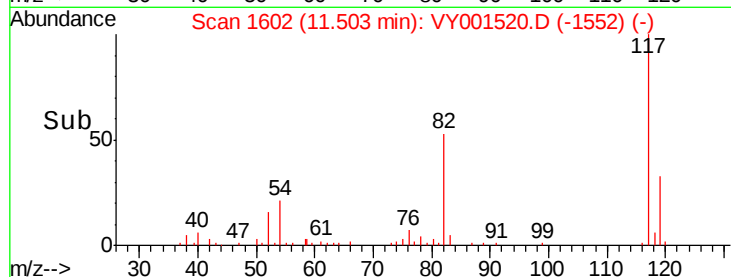
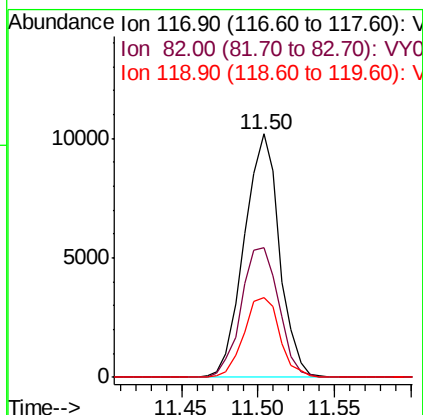
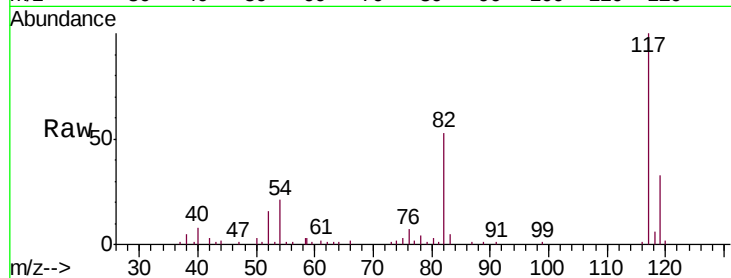




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

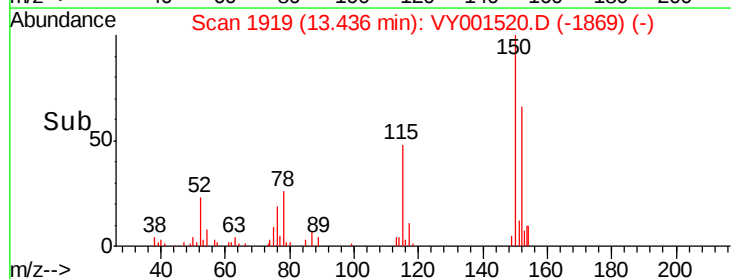
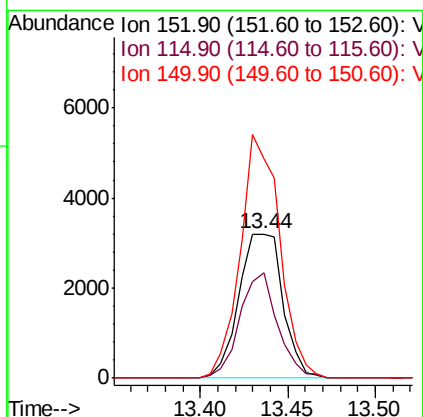
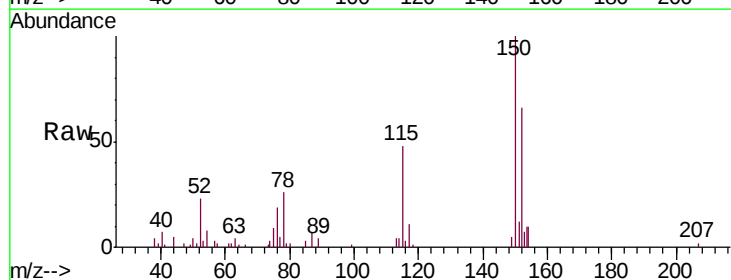
Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-01-A

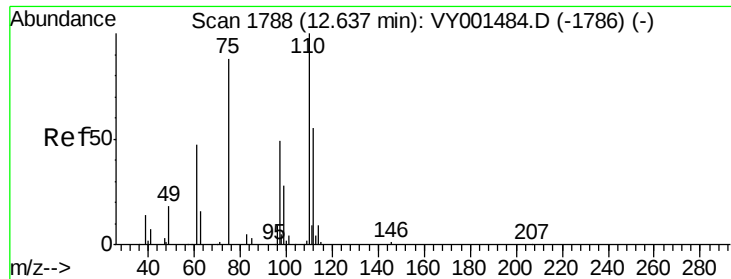
Tgt Ion:117 Resp: 16297
Ion Ratio Lower Upper
117 100
82 53.2 46.1 69.1
119 33.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

Tgt Ion:152 Resp: 5589
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 151.4 0.0 346.8

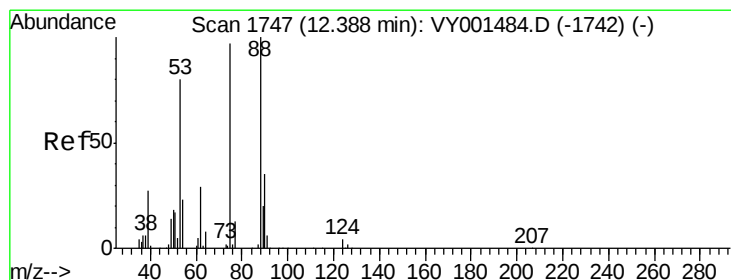
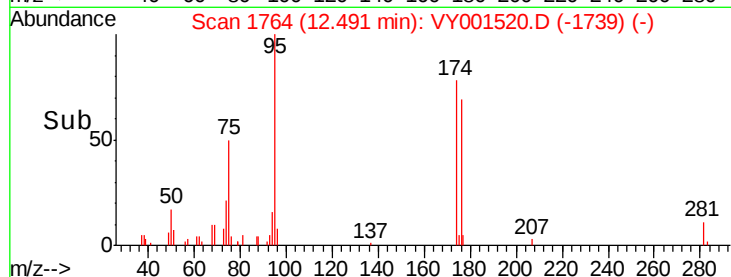
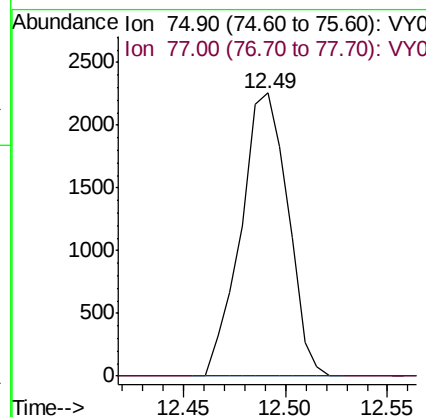
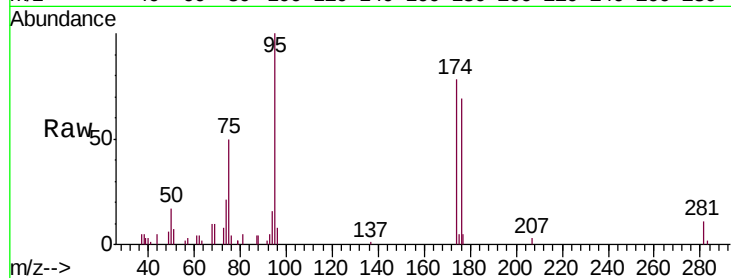




#76
 1,2,3-Trichloropropane
 Concen: 60.229 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001520.D
 Acq: 05 Feb 2020 20:09

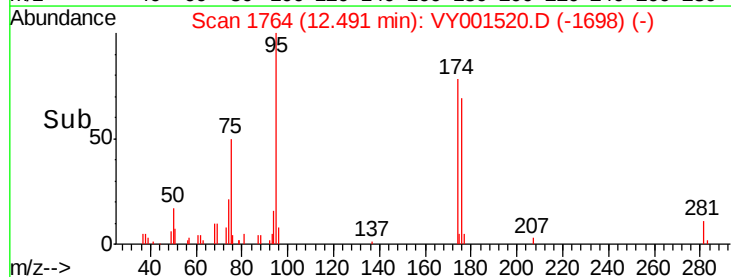
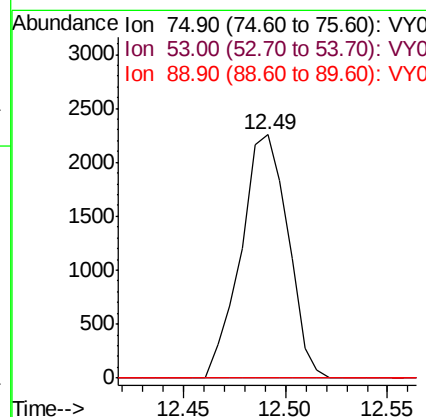
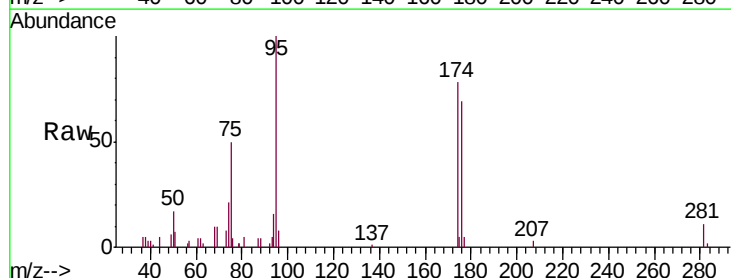
Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-PATH-BH-01-A

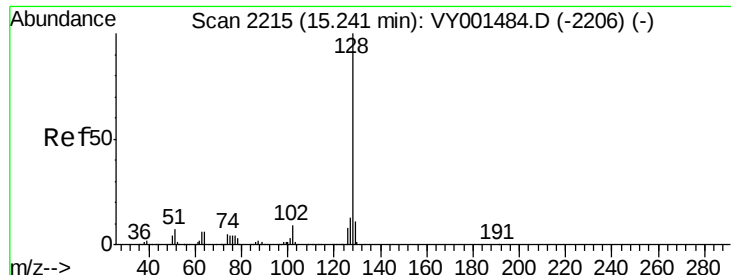
Tgt Ion: 75 Resp: 3620
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.540 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001520.D
 Acq: 05 Feb 2020 20:09

Tgt Ion: 75 Resp: 3620
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.0 34.6 52.0#





#95
Naphthalene
Concen: 2.786 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-01-A

Tgt Ion:128 Resp: 707
Ion Ratio Lower Upper
128 100
127 10.2 10.1 15.1
129 10.9 8.9 13.3

