

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003527.D
 Acq On : 12 Nov 2020 12:21
 Operator : SY/MD
 Sample : L4716-01
 Misc : 4.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-1

Quant Time: Nov 13 01:57:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	228782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	333610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	265542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	102056	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	107951	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
35) Dibromofluoromethane	7.72	113	93211	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	
50) Toluene-d8	10.18	98	345479	40.91	ug/l	0.00
Spiked Amount			Recovery	=	81.82%	
62) 4-Bromofluorobenzene	12.48	95	92562	33.08	ug/l	0.00
Spiked Amount			Recovery	=	66.16%	

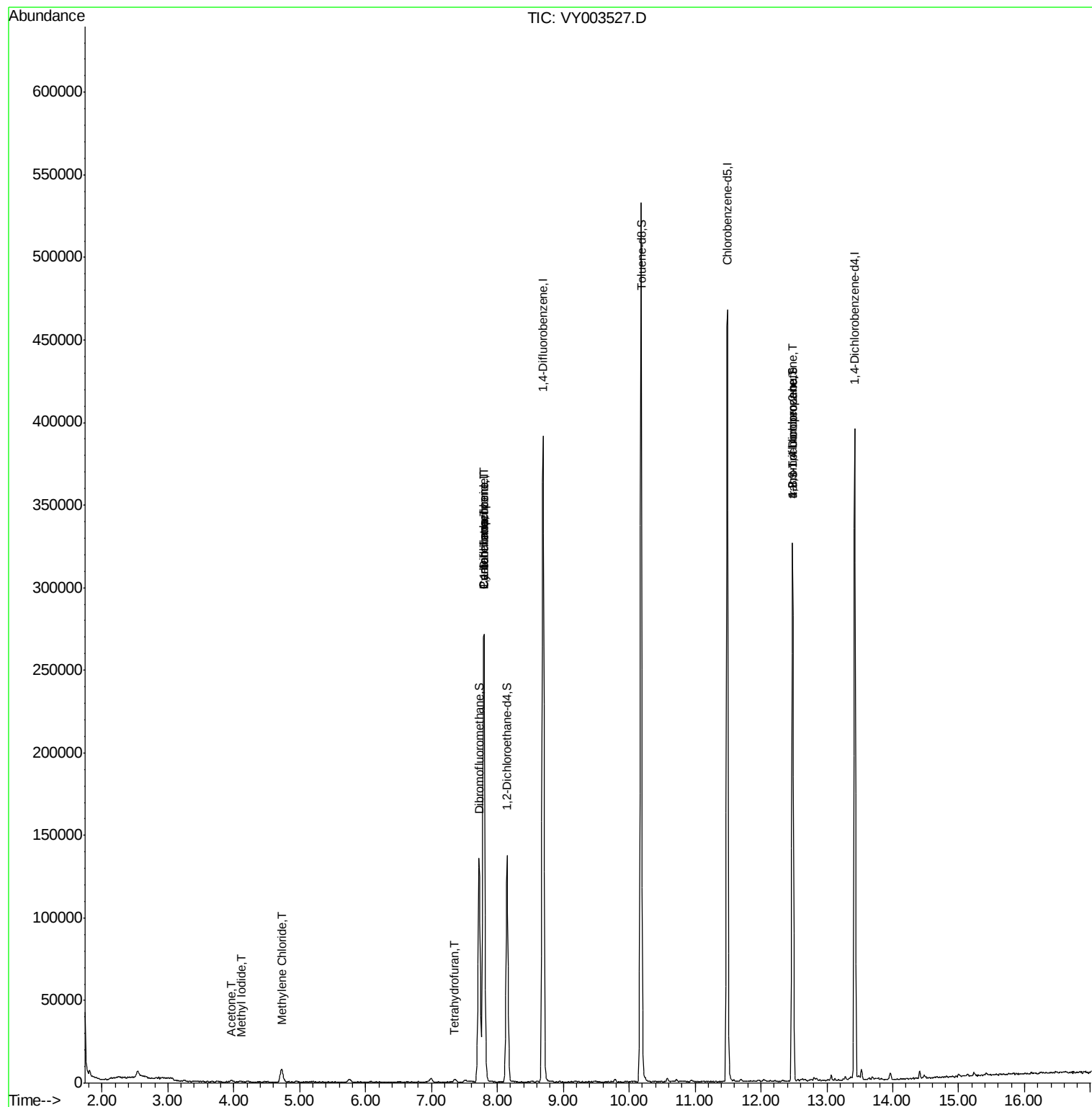
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	835	4.998	ug/l #	83
11) Tert butyl alcohol	4.98	59	151	Below Cal	#	73
16) Acetone	3.97	43	1770	2.288	ug/l #	85
20) Methylene Chloride	4.72	84	5880	2.698	ug/l	95
29) Tetrahydrofuran	7.35	42	1498	2.962	ug/l	94
31) Cyclohexane	7.79	56	4173	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	14772	4.696	ug/l #	50
38) Carbon Tetrachloride	7.79	117	20761	6.362	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	49210	45.572	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	49210	95.117	ug/l #	12

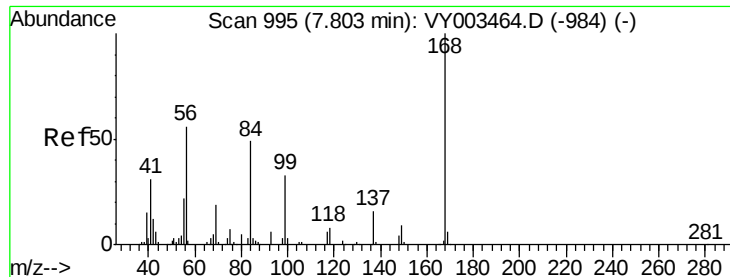
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003527.D
Acq On : 12 Nov 2020 12:21
Operator : SY/MD
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Quant Time: Nov 13 01:57:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003527.D

Acq: 12 Nov 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

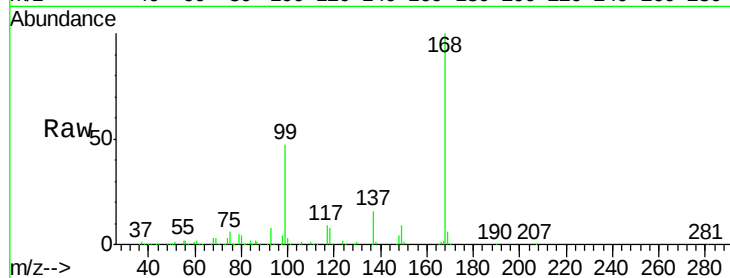
STOCKPILE-1

Tot Ion:168 Resp: 228782

Ion Ratio Lower Upper

168 100

99 47.4 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

60000

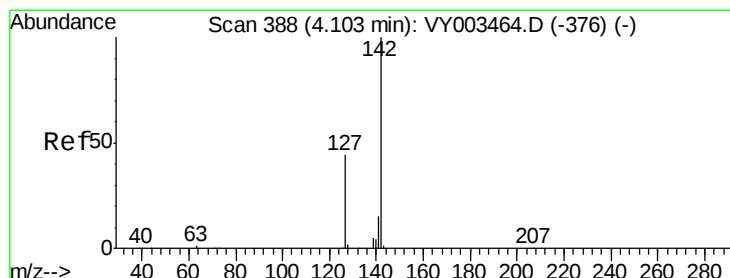
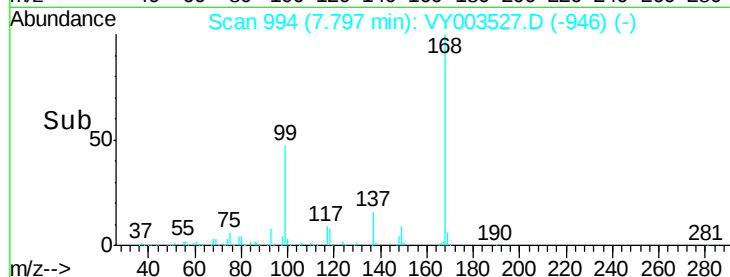
40000

20000

0

Time-->

7.70 7.80 7.90 8.00



#10

Methyl Iodide

Concen: 4.998 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY003527.D

Acq: 12 Nov 2020 12:21

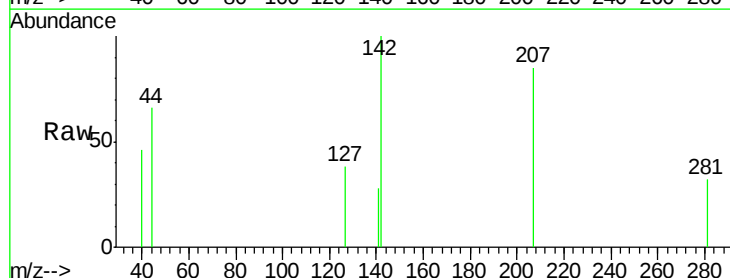
Tgt Ion:142 Resp: 835

Ion Ratio Lower Upper

142 100

127 34.4 34.5 51.7#

141 3.5 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.11

300

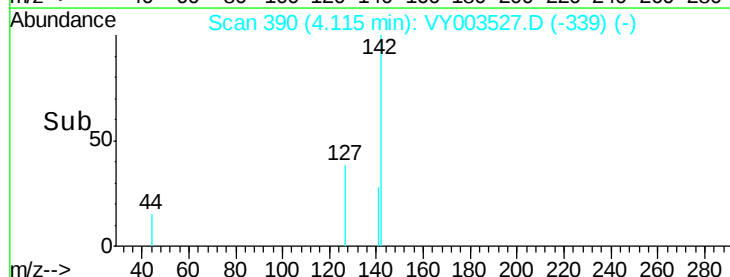
200

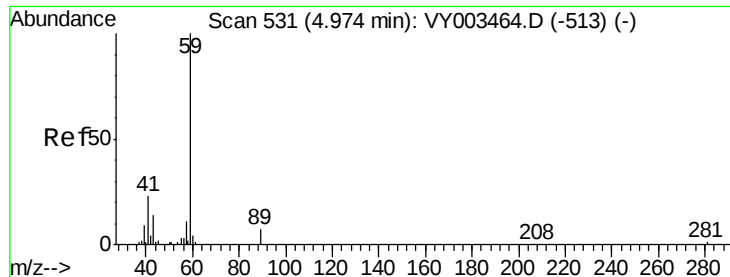
100

0

Time-->

4.05 4.10 4.15

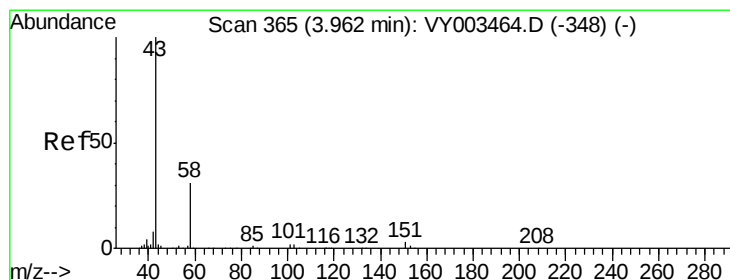
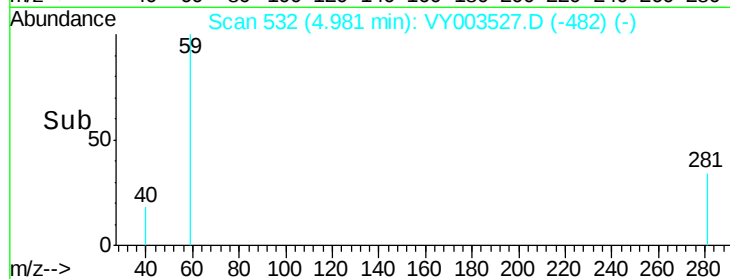
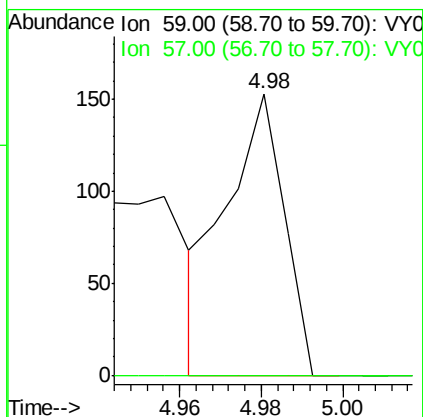
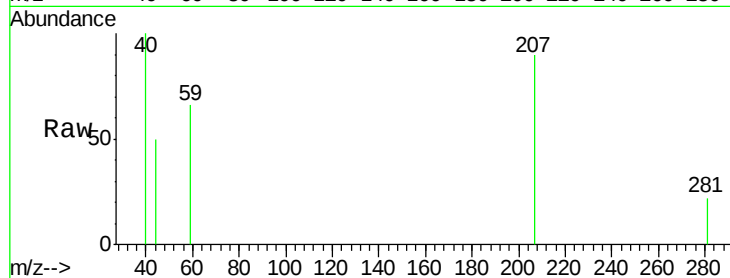




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

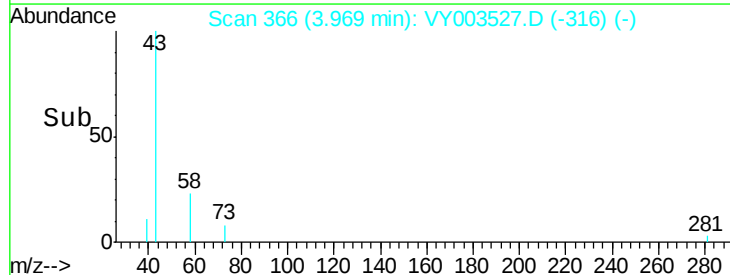
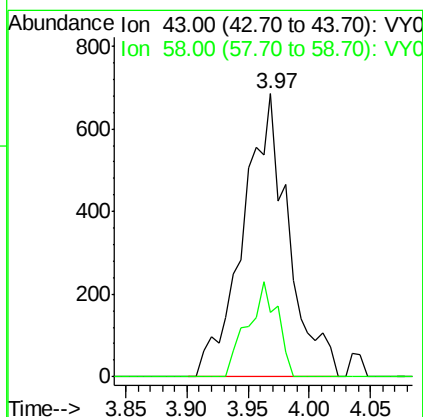
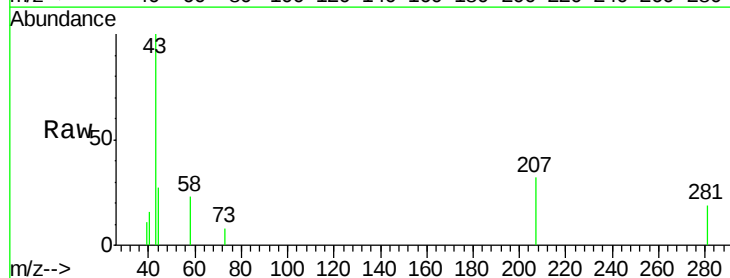
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

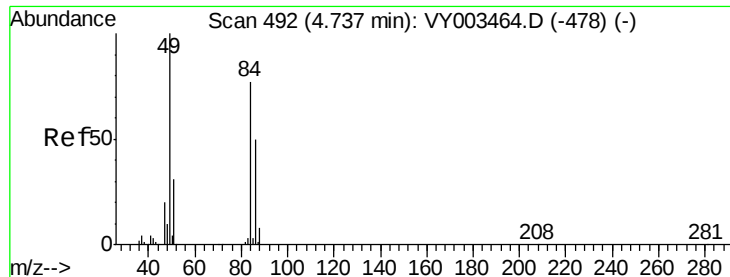
Tot Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 2.288 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 22.8 25.0 37.4#

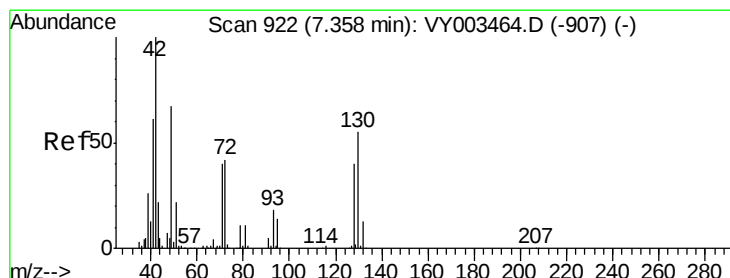
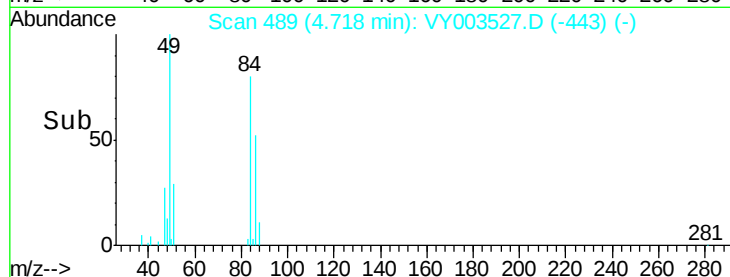
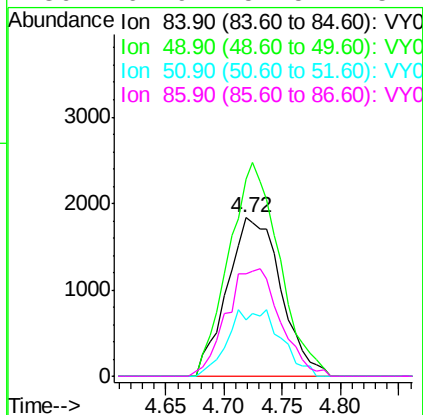
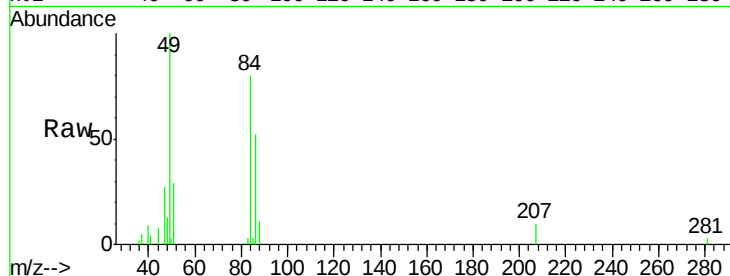




#20
Methylene Chloride
Concen: 2.698 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

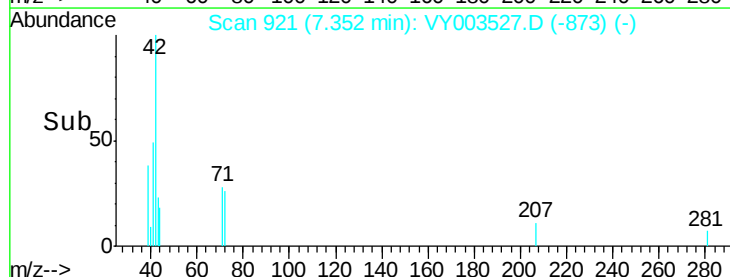
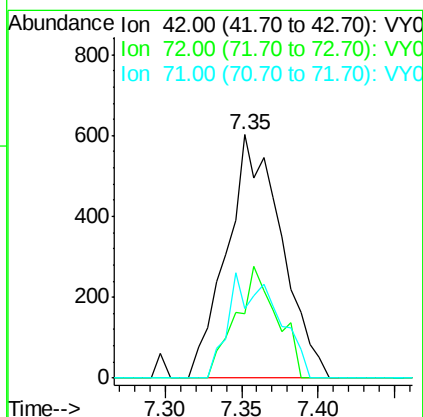
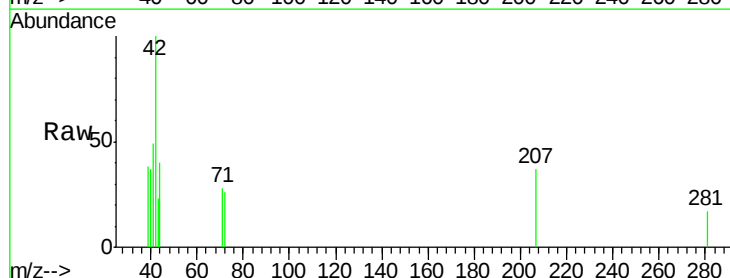
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

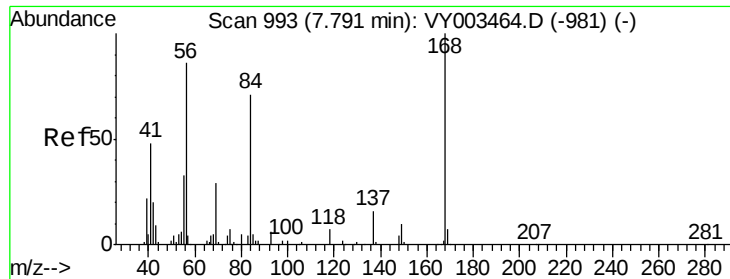
Tot Ion:	84	Resp:	5880
Ion	Ratio	Lower	Upper
84	100		
49	124.3	104.3	156.5
51	35.5	32.5	48.7
86	64.9	52.5	78.7



#29
Tetrahydrofuran
Concen: 2.962 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

Tgt Ion:	42	Resp:	1498
Ion	Ratio	Lower	Upper
42	100		
72	34.2	32.8	49.2
71	37.6	30.7	46.1

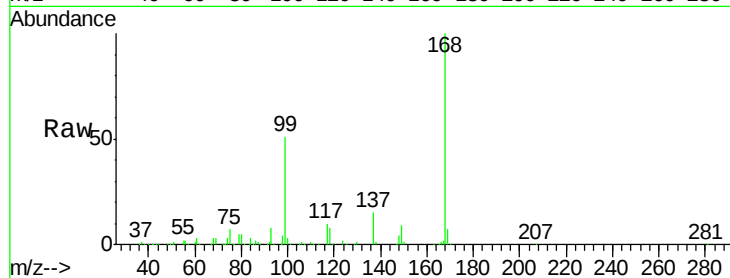




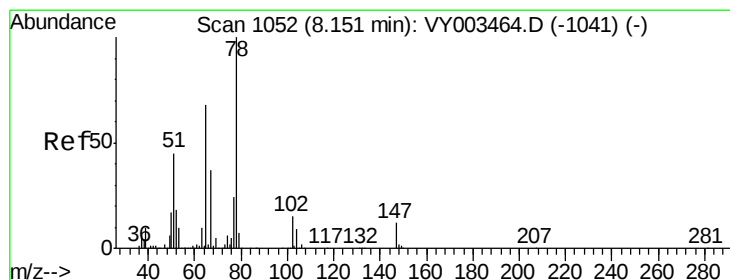
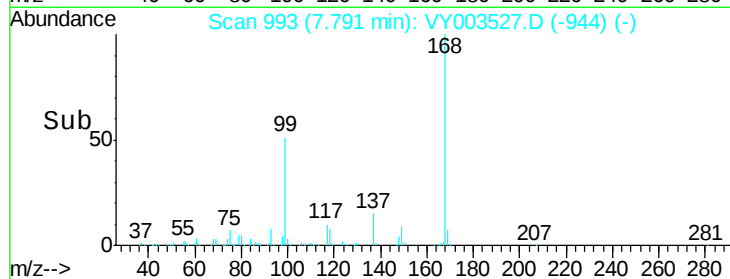
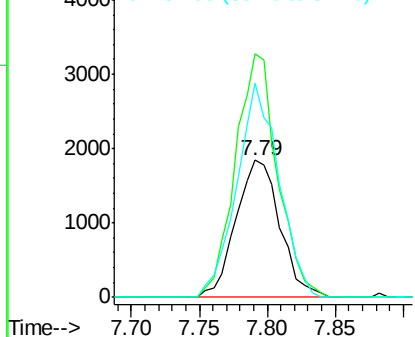
#31
Cvclohexane
Concen: 1.187 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

Tot Ion: 56 Resp: 4173
Ion Ratio Lower Upper
56 100
69 177.6 26.6 39.8#
84 155.9 65.9 98.9#

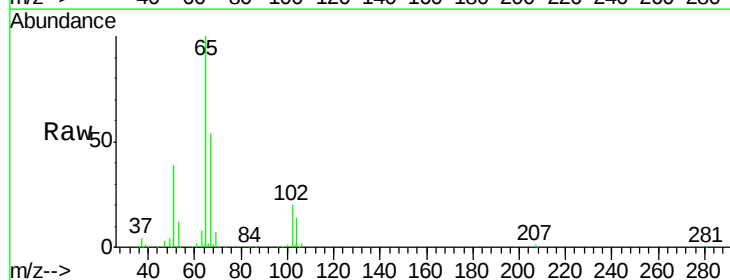


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

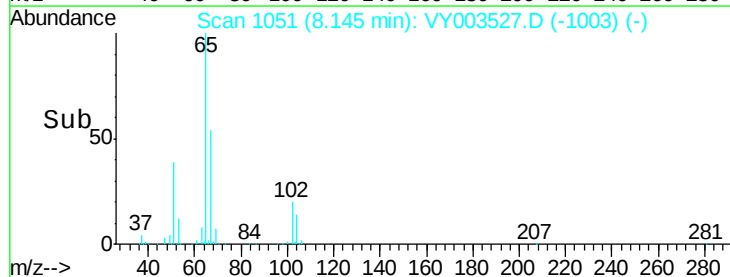
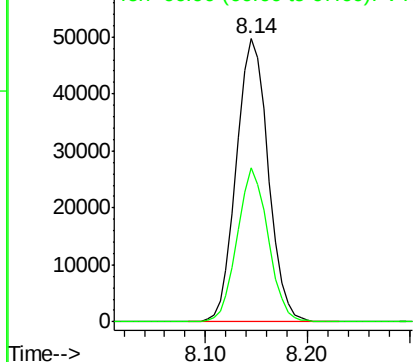


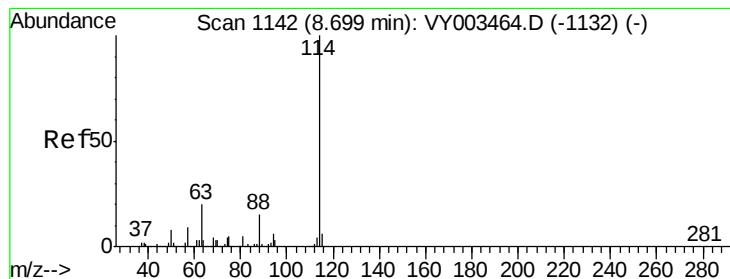
#33
1,2-Dichloroethane-d4
Concen: 46.026 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

Tgt Ion: 65 Resp: 107951
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



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: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003527.D

Acq: 12 Nov 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-1

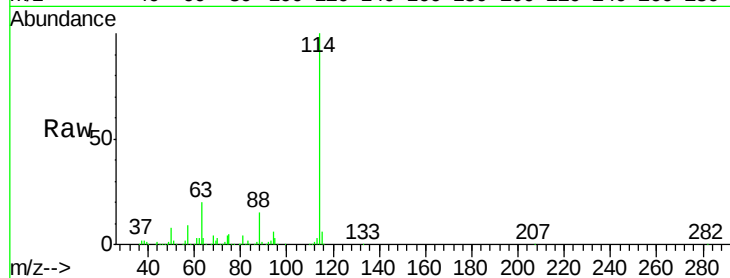
Tot Ion:114 Resp: 333610

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

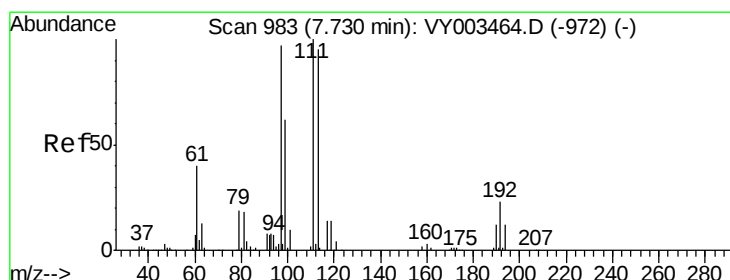
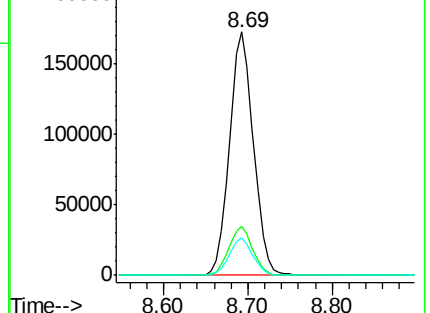
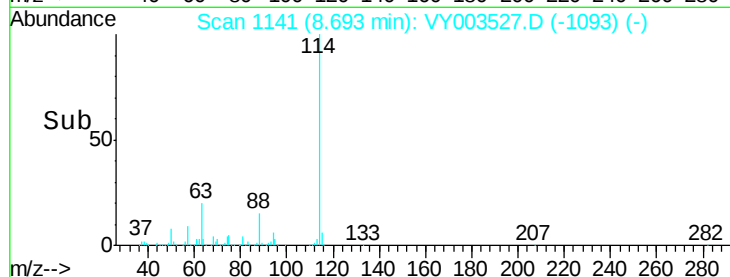
88 15.3 0.0 29.4



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: 45.915 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY003527.D

Acq: 12 Nov 2020 12:21

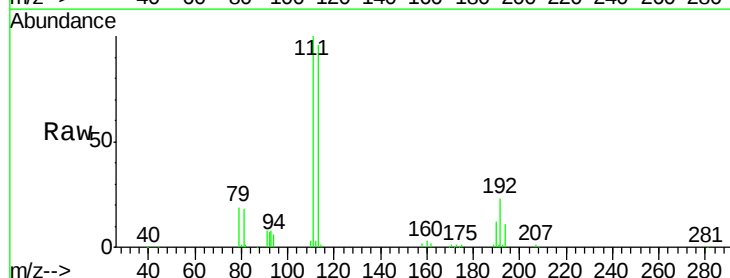
Tgt Ion:113 Resp: 93211

Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.6

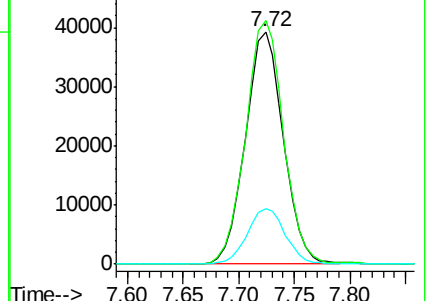
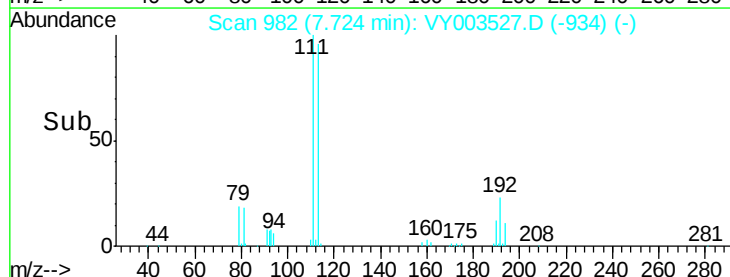
192 23.9 18.8 28.2

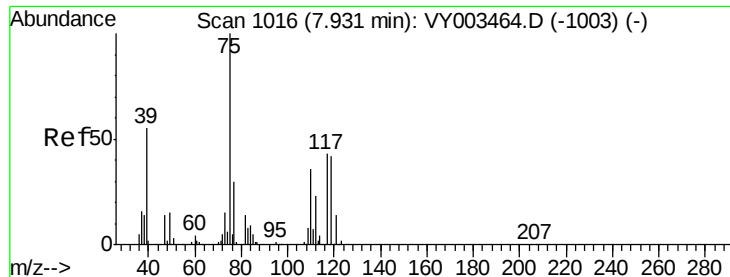


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

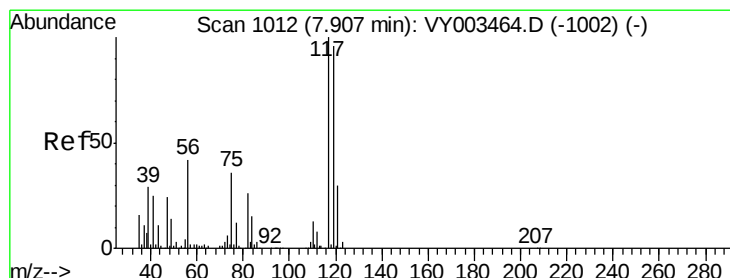
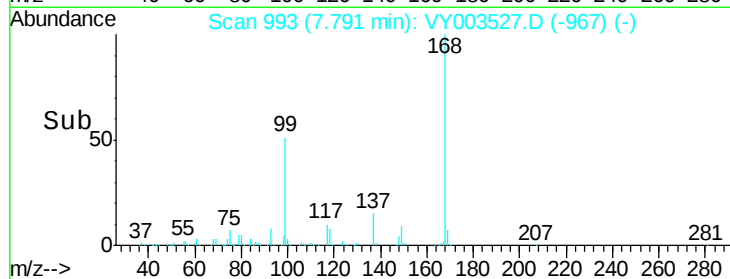
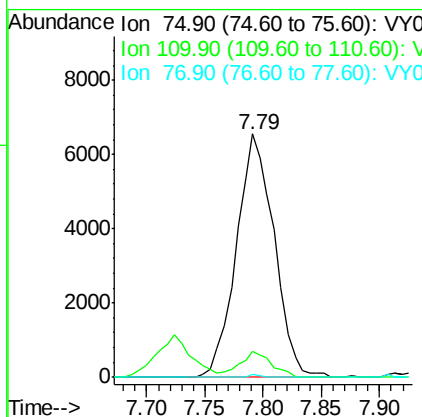
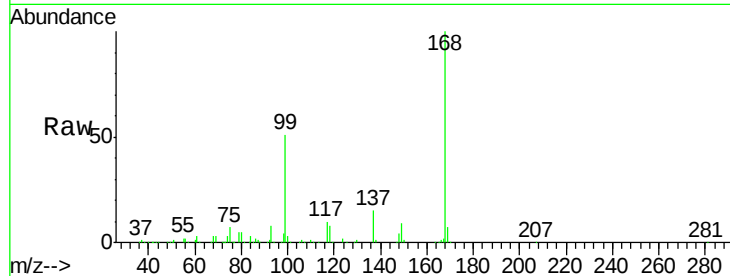




#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.14 min
 Lab File: VY003527.D
 Acq: 12 Nov 2020 12:21

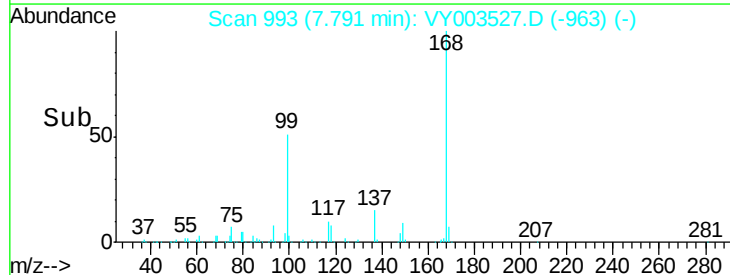
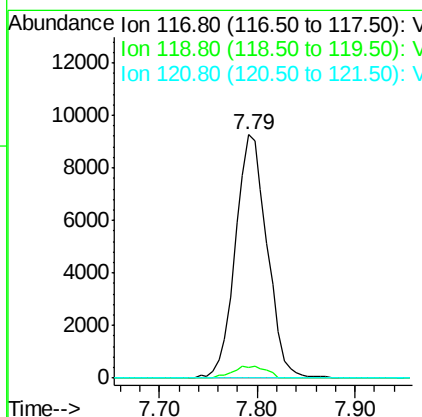
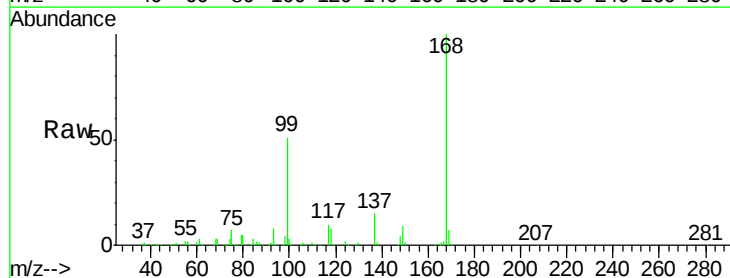
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-1

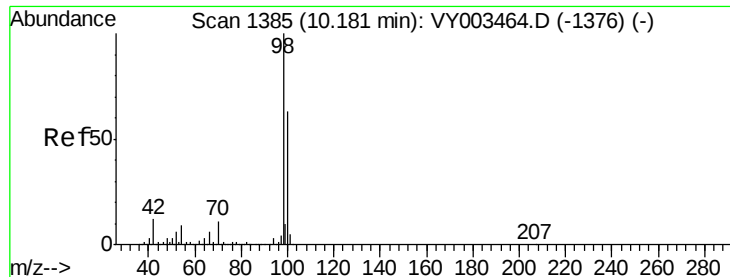
Tot Ion	75	110	77	Resp	Lower	Upper
14772	100	8.9	0.3		17.6	52.9#
					24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.362 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003527.D
 Acq: 12 Nov 2020 12:21

Tgt Ion	117	119	121	Resp	Lower	Upper
20761	100	4.6	0.0		76.2	114.4#
					24.2	36.4#





#50

Toluene-d8

Concen: 40.907 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003527.D

Acq: 12 Nov 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

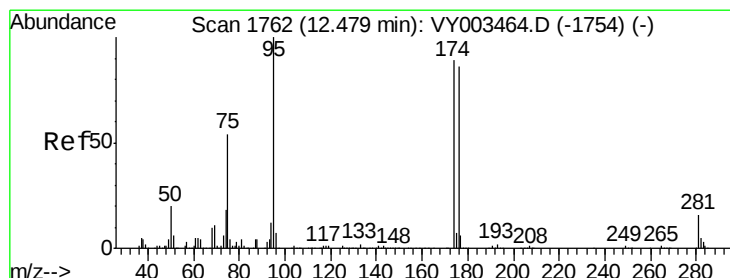
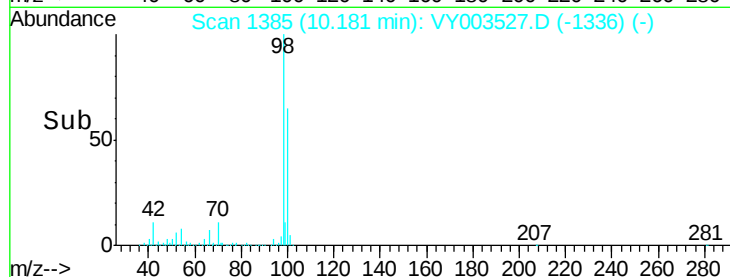
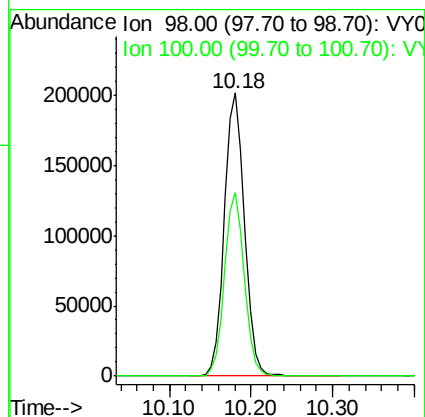
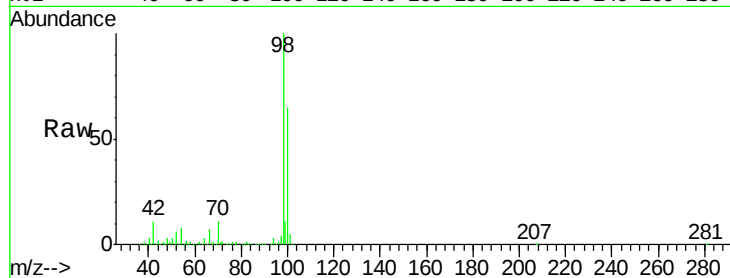
STOCKPILE-1

Tot Ion: 98 Resp: 345479

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 33.079 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003527.D

Acq: 12 Nov 2020 12:21

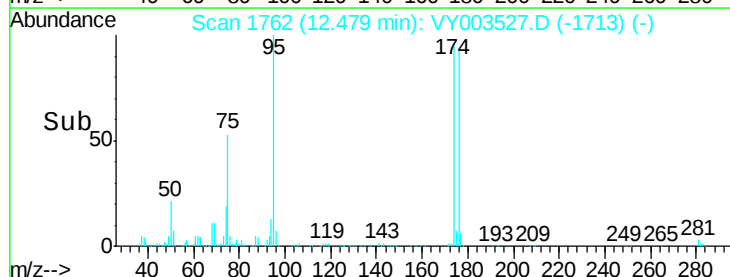
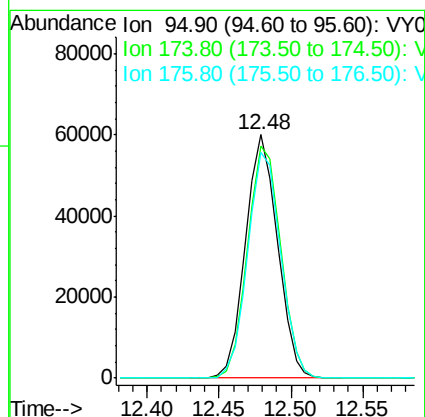
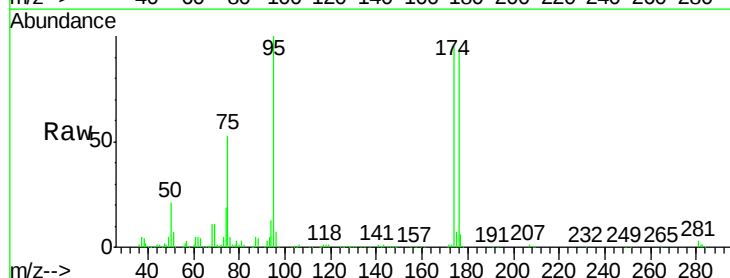
Tgt Ion: 95 Resp: 92562

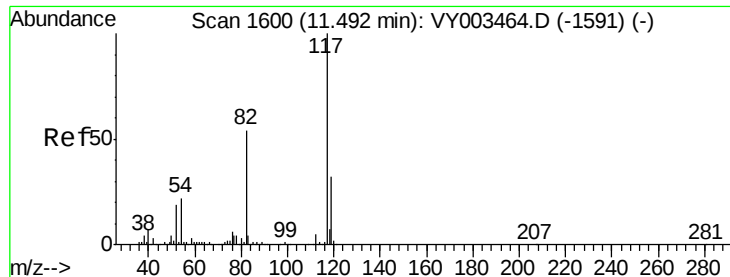
Ion Ratio Lower Upper

95 100

174 98.7 0.0 193.0

176 95.4 0.0 187.4

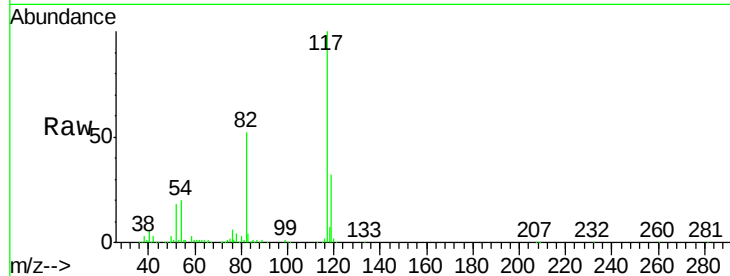




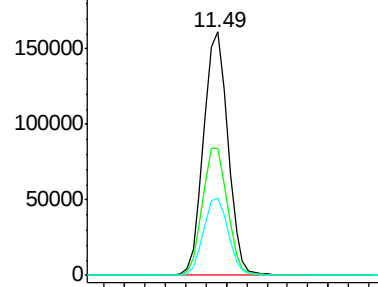
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

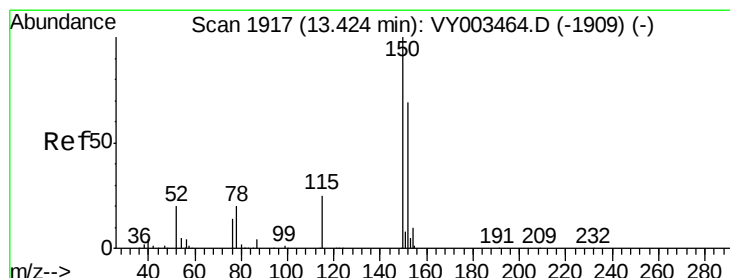
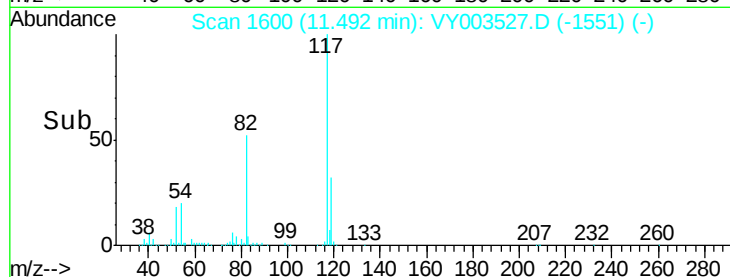
Tot Ion:117 Resp: 265542
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.2
119 32.0 25.8 38.6



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

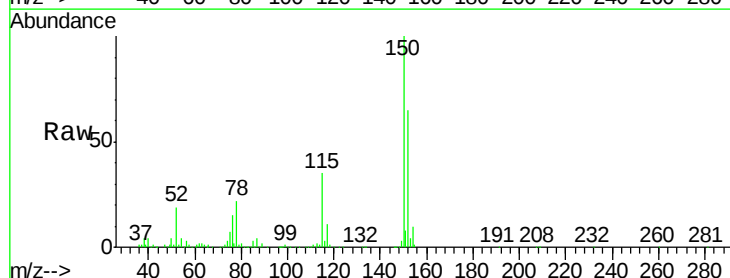


Time-->

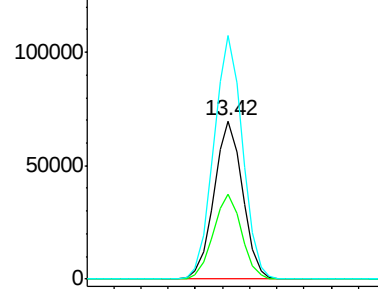


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003527.D
Acq: 12 Nov 2020 12:21

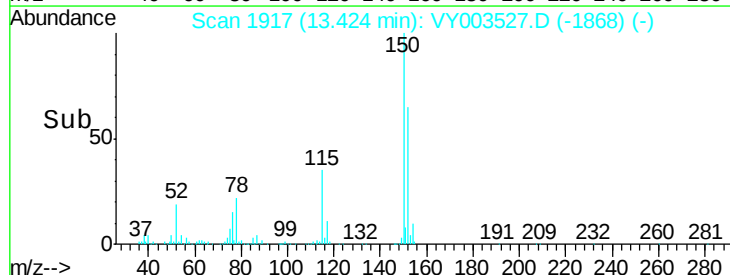
Tgt Ion:152 Resp: 102056
Ion Ratio Lower Upper
152 100
115 53.5 27.5 82.4
150 155.2 0.0 345.8

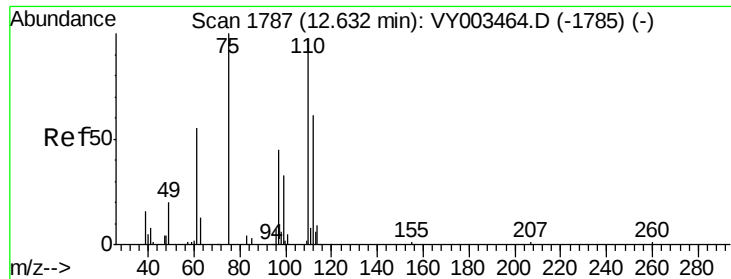


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

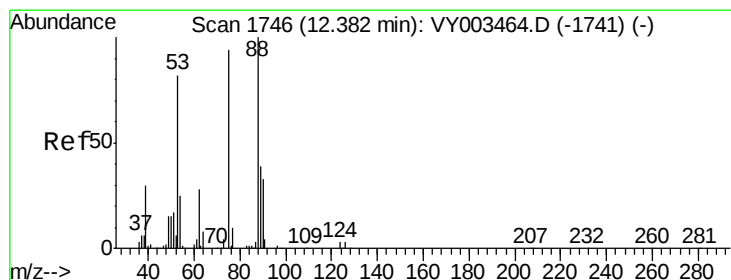
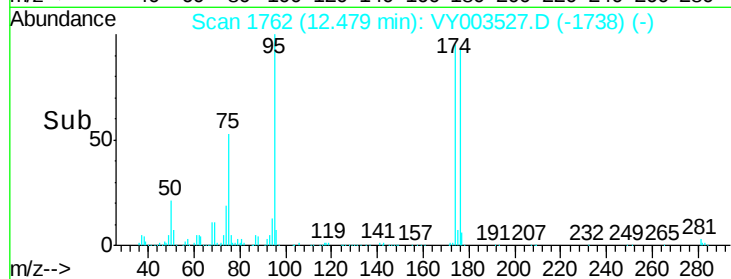
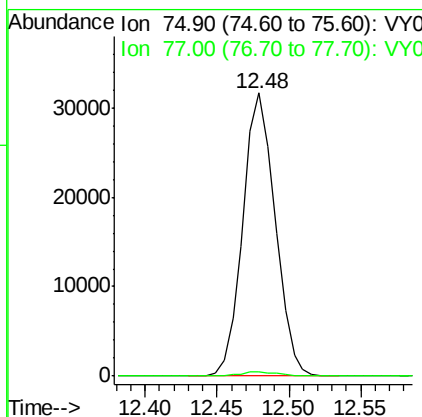
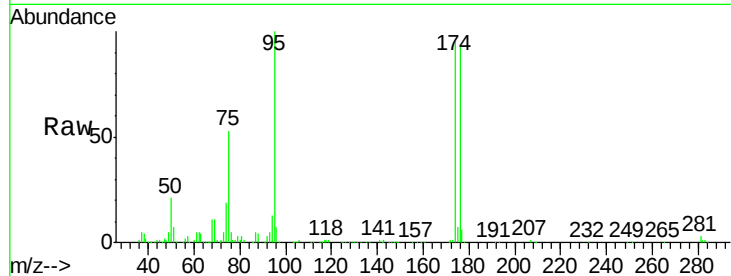




#76
 1,2,3-Trichloropropane
 Concen: 45.572 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003527.D
 Acq: 12 Nov 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-1

Tot Ion: 75 Resp: 49210
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.117 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003527.D
 Acq: 12 Nov 2020 12:21

Tgt Ion: 75 Resp: 49210
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.1 35.8 53.8#

