

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003528.D
 Acq On : 12 Nov 2020 12:43
 Operator : SY/MD
 Sample : L4622-01
 Misc : 4.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110220-0-1

Quant Time: Nov 13 01:58:11 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	254874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	375042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	306579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109251	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	121536	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	7.72	113	109611	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
50) Toluene-d8	10.18	98	404395	42.59	ug/l	0.00
Spiked Amount			Recovery	=	85.18%	
62) 4-Bromofluorobenzene	12.48	95	109132	34.69	ug/l	0.00
Spiked Amount			Recovery	=	69.38%	

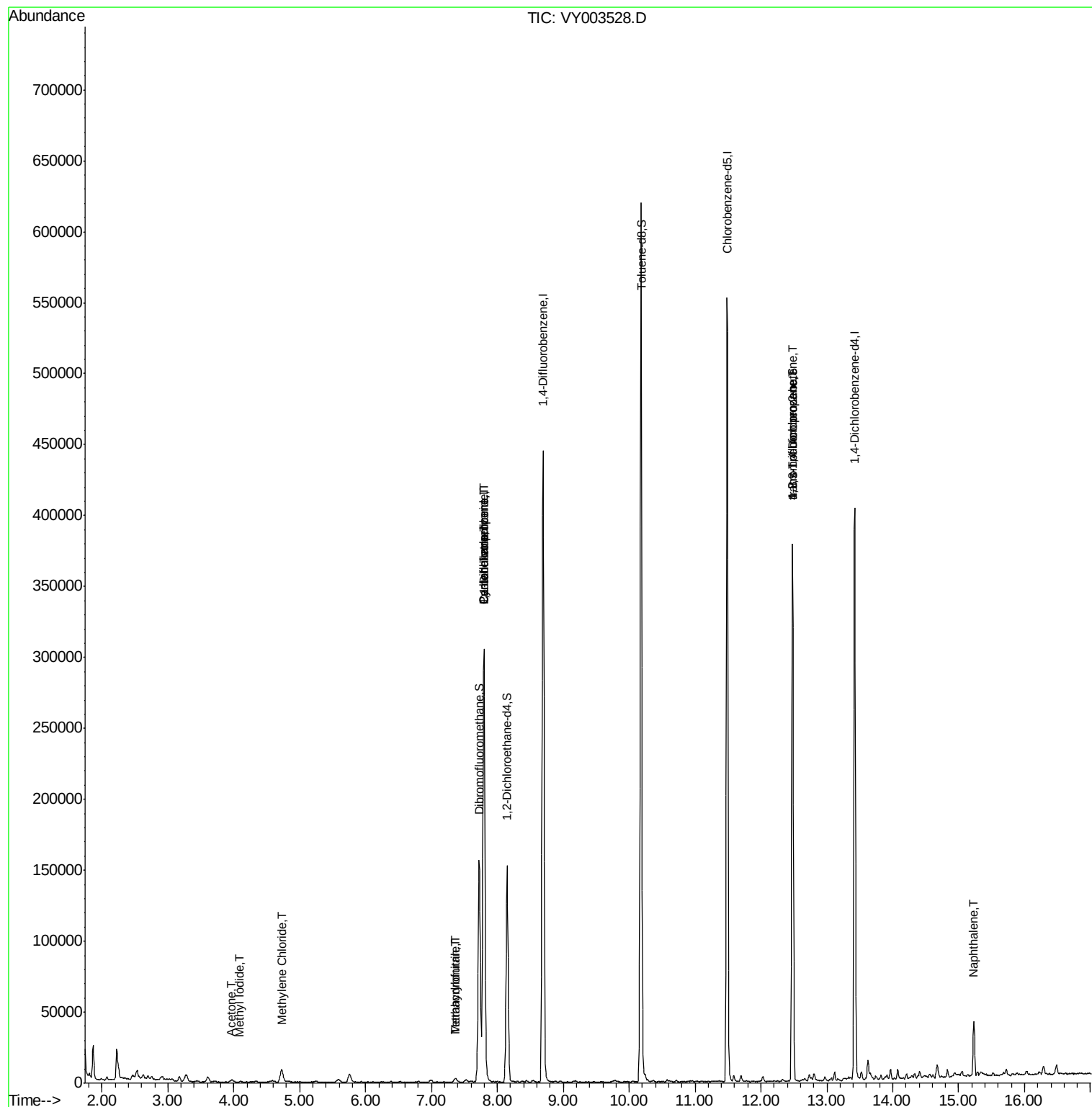
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	588	4.853	ug/l #	64
11) Tert butyl alcohol	4.95	59	321	Below Cal	#	73
16) Acetone	3.96	43	2332	2.705	ug/l	93
20) Methylene Chloride	4.72	84	6595	2.717	ug/l	98
29) Tetrahydrofuran	7.36	42	2272	4.033	ug/l	93
31) Cyclohexane	7.79	56	4797	1.225	ug/l #	2
36) 1,1-Dichloropropene	7.80	75	16901	4.780	ug/l #	51
38) Carbon Tetrachloride	7.80	117	22389	6.103	ug/l #	17
41) Methacrylonitrile	7.36	41	1469	1.253	ug/l #	100
76) 1,2,3-Trichloropropane	12.48	75	58729	50.806	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	58729	106.040	ug/l #	12
95) Naphthalene	15.23	128	31900	7.505	ug/l	98

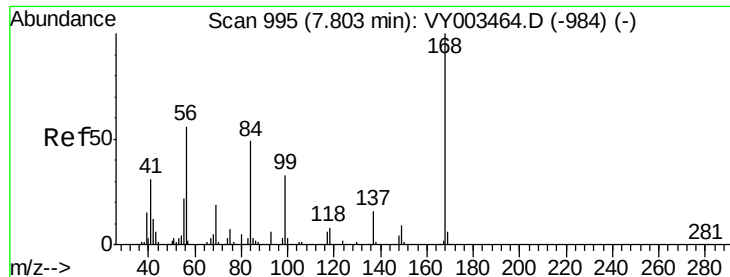
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003528.D
Acq On : 12 Nov 2020 12:43
Operator : SY/MD
Sample : L4622-01
Misc : 4.53G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

Quant Time: Nov 13 01:58:11 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: VY003528.D

Acq: 12 Nov 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

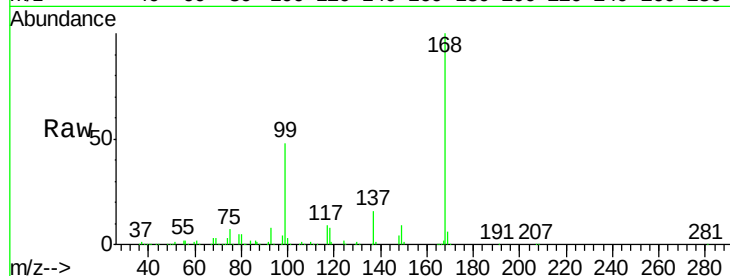
PAV-B12-110220-0-1

Tot Ion:168 Resp: 254874

Ion Ratio Lower Upper

168 100

99 47.8 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

120000

100000

80000

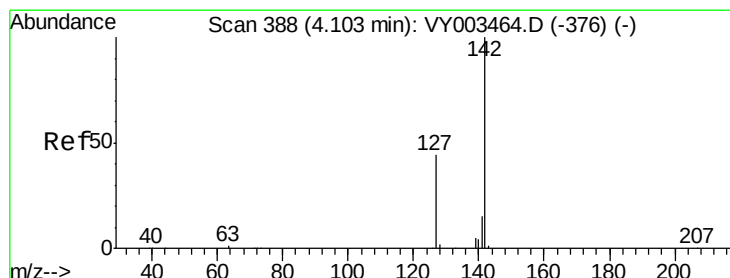
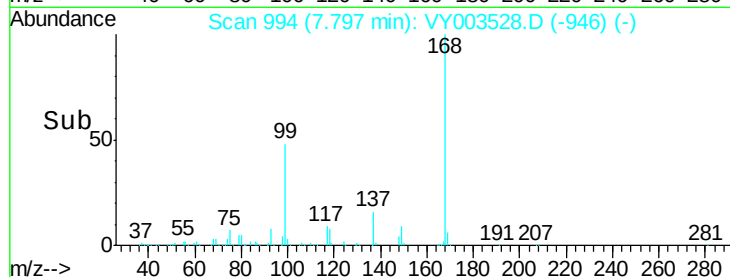
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.853 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003528.D

Acq: 12 Nov 2020 12:43

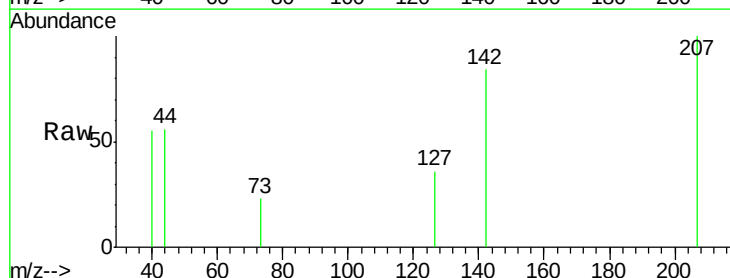
Tgt Ion:142 Resp: 588

Ion Ratio Lower Upper

142 100

127 20.4 34.5 51.7#

141 0.0 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

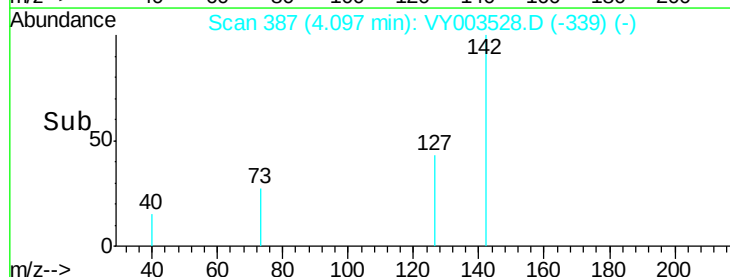
300

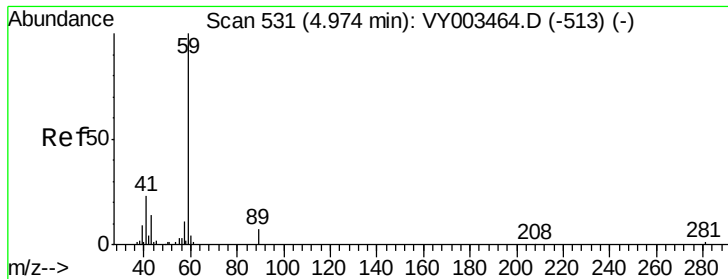
200

100

0

Time-->



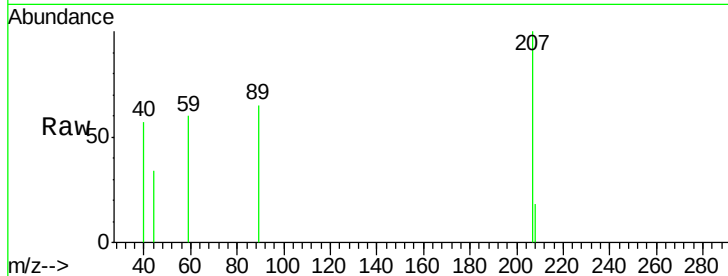


#11

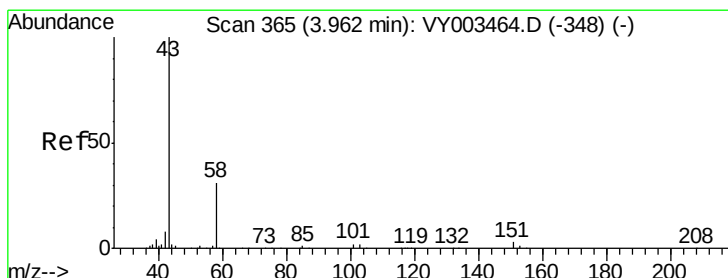
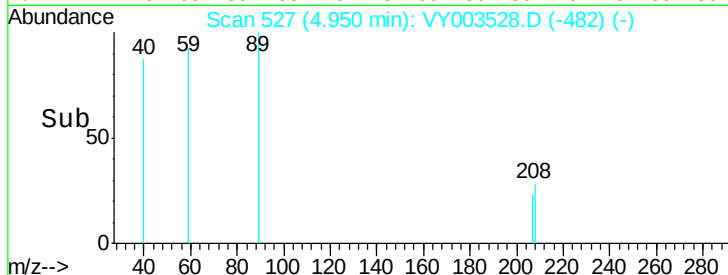
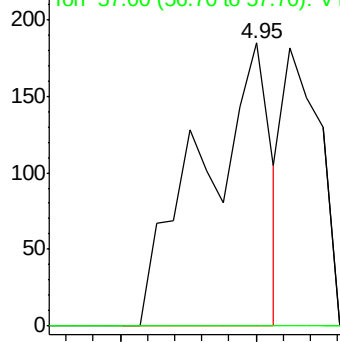
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.95 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: VY003528.D
 Acq: 12 Nov 2020 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110220-0-1

Tot Ion: 59 Resp: 321
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#



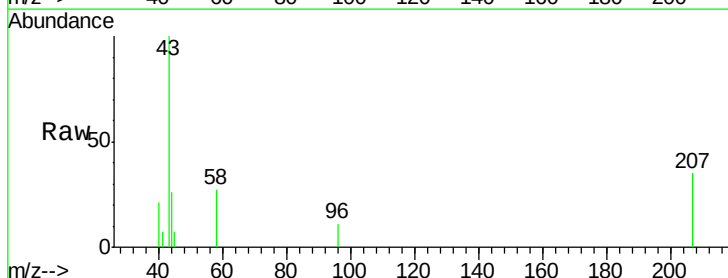
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



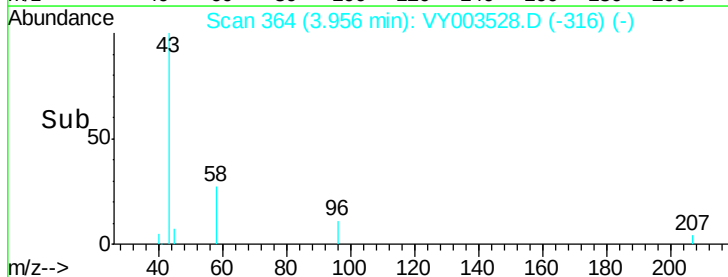
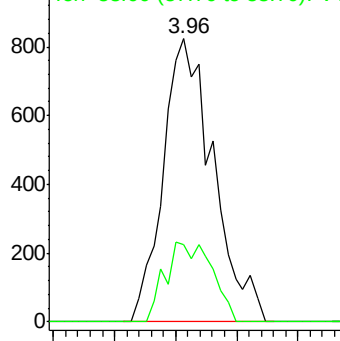
#16

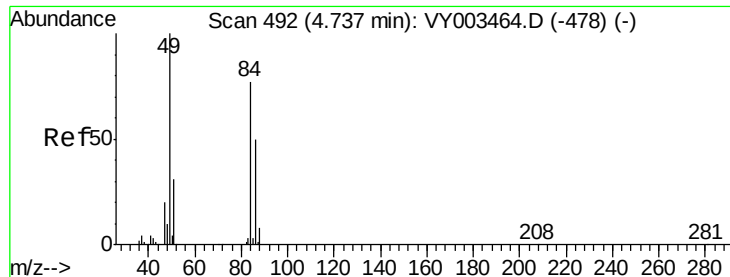
Acetone
 Concen: 2.705 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VY003528.D
 Acq: 12 Nov 2020 12:43

Tgt Ion: 43 Resp: 2332
 Ion Ratio Lower Upper
 43 100
 58 27.5 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

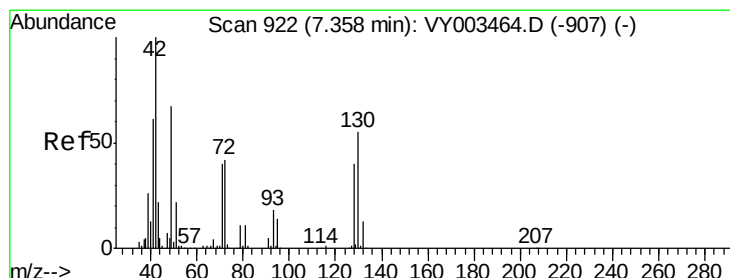
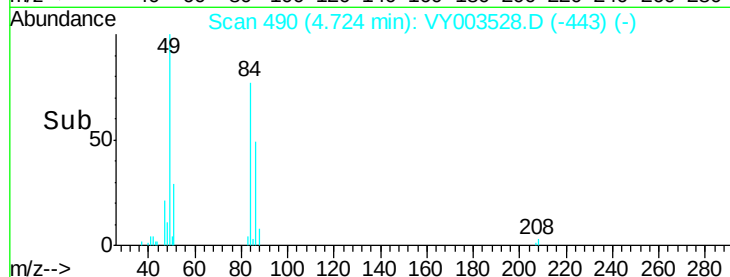
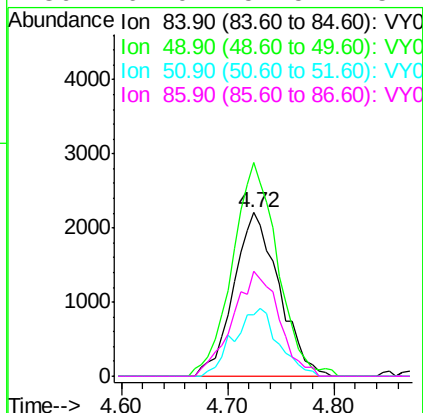
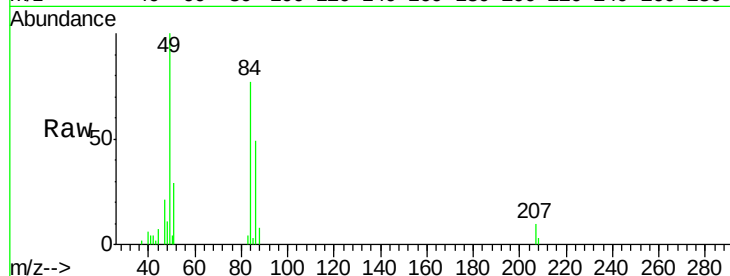




#20
Methylene Chloride
Concen: 2.717 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

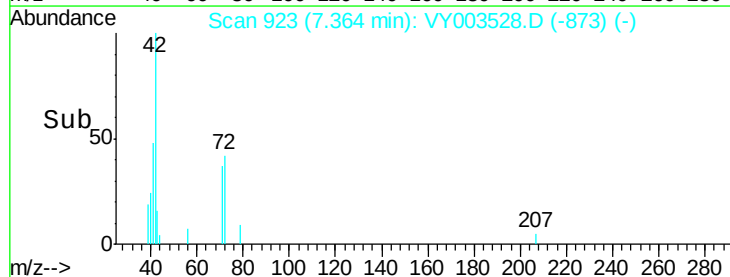
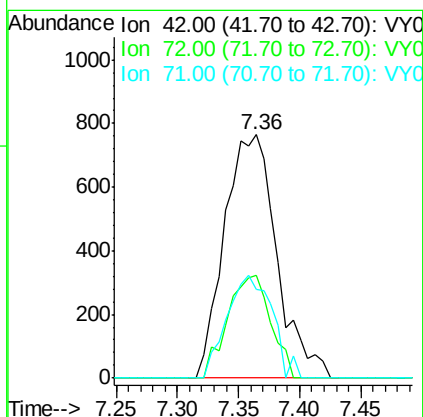
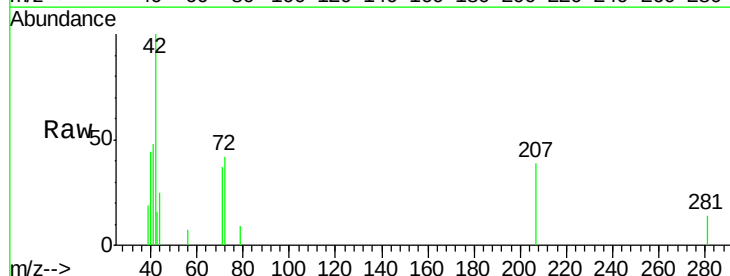
Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

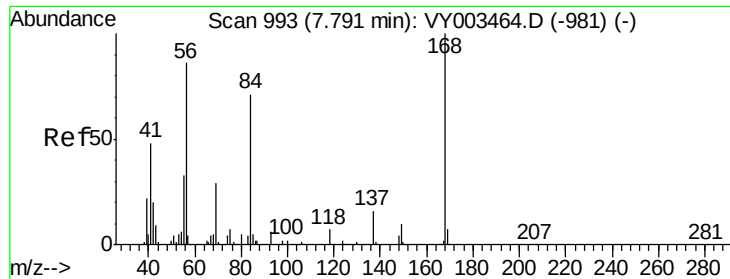
Tot Ion:	84	Resp:	6595
Ion	Ratio	Lower	Upper
84	100		
49	130.5	104.3	156.5
51	37.3	32.5	48.7
86	64.0	52.5	78.7



#29
Tetrahydrofuran
Concen: 4.033 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Tgt Ion:	42	Resp:	2272
Ion	Ratio	Lower	Upper
42	100		
72	34.7	32.8	49.2
71	36.4	30.7	46.1

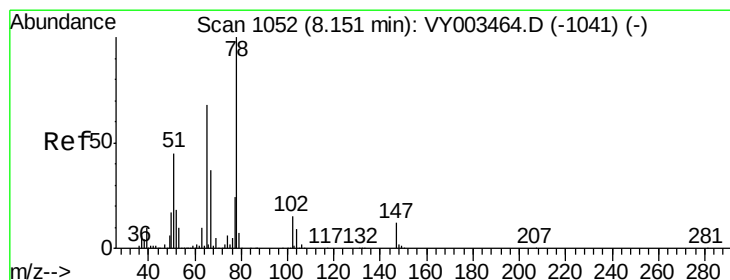
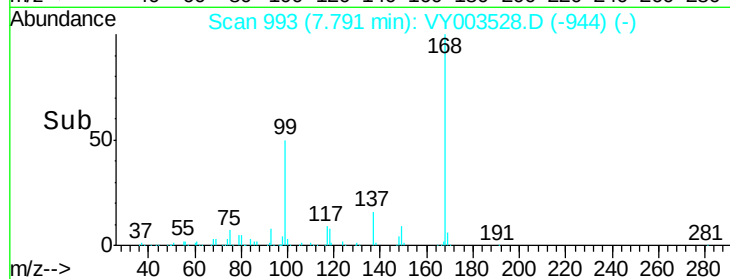
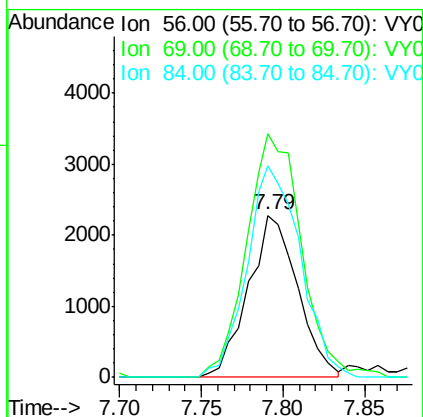
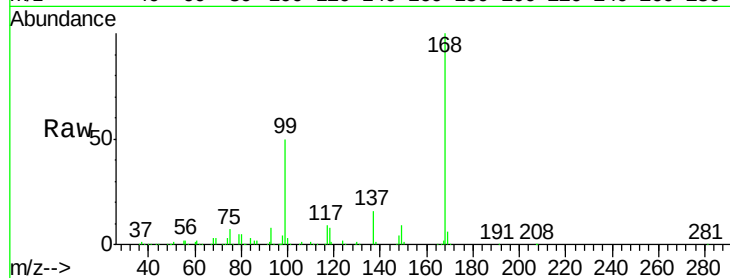




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

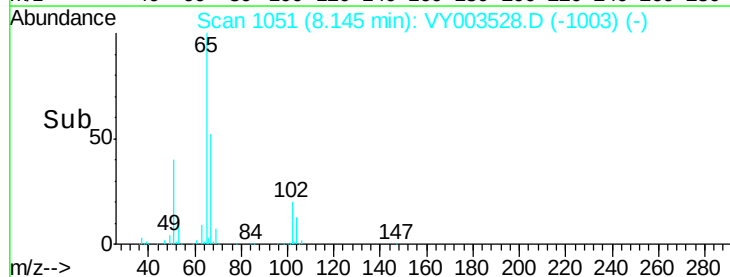
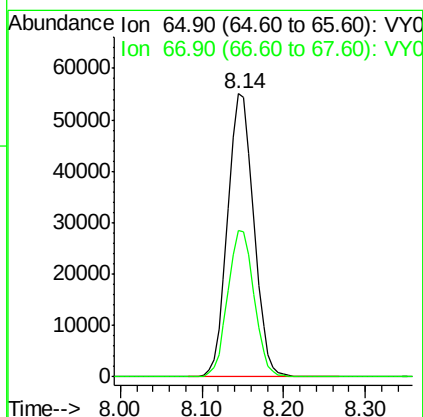
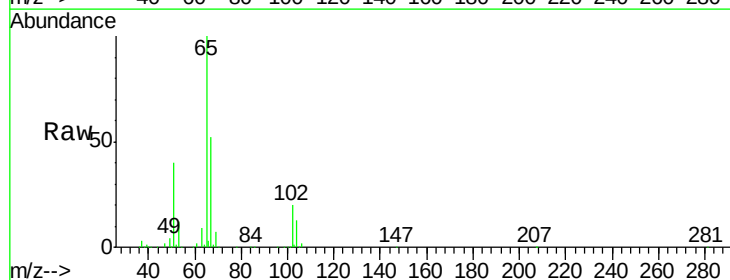
Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

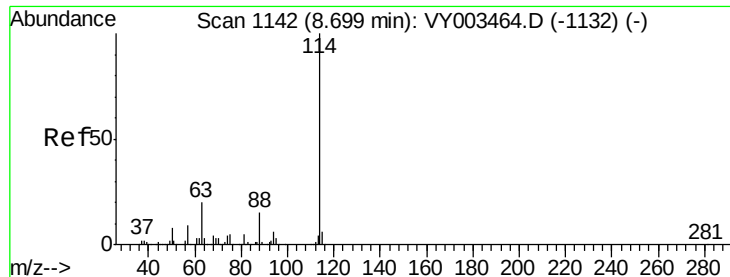
Tot Ion: 56 Resp: 4797
Ion Ratio Lower Upper
56 100
69 150.5 26.6 39.8#
84 131.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.513 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Tgt Ion: 65 Resp: 121536
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0

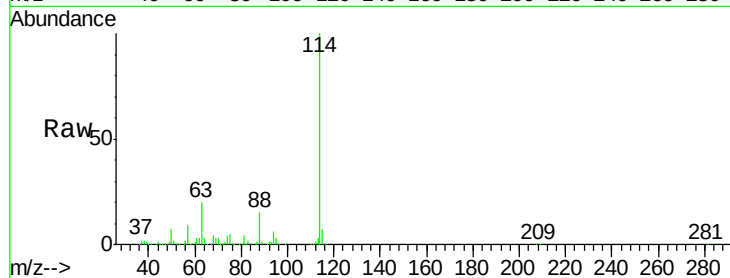




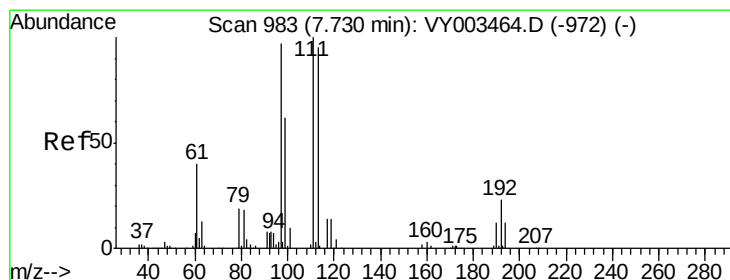
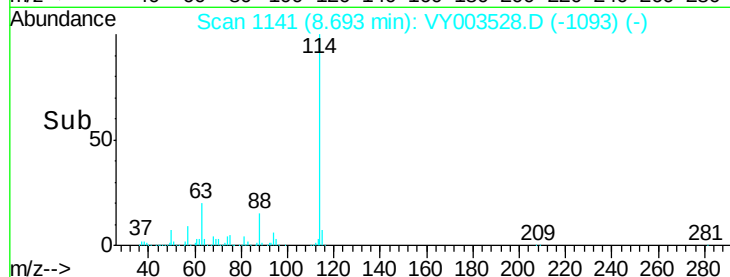
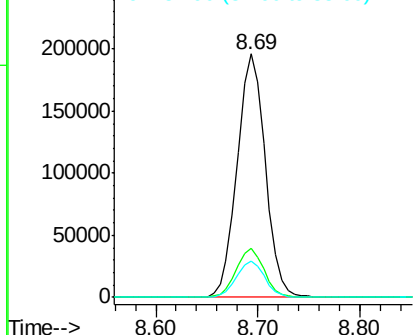
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003528.D
 Acq: 12 Nov 2020 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110220-0-1

Tot Ion:114 Resp: 375042
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 14.9 0.0 29.4

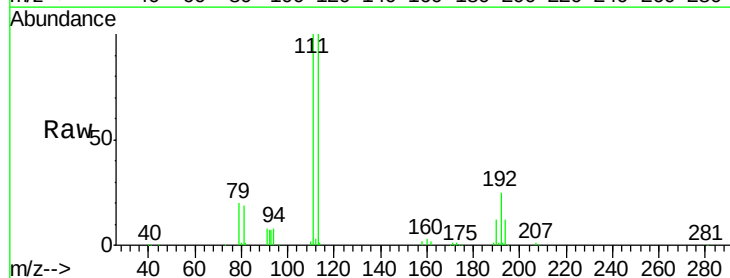


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

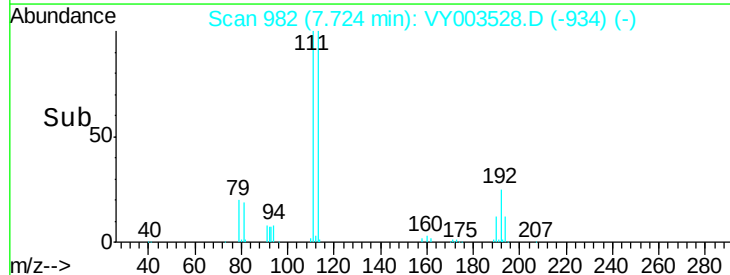
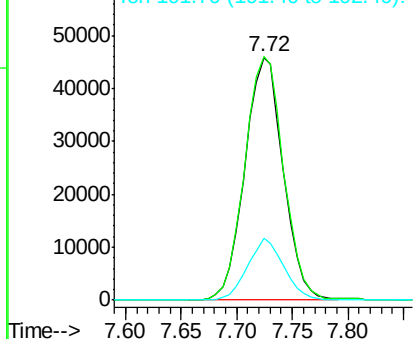


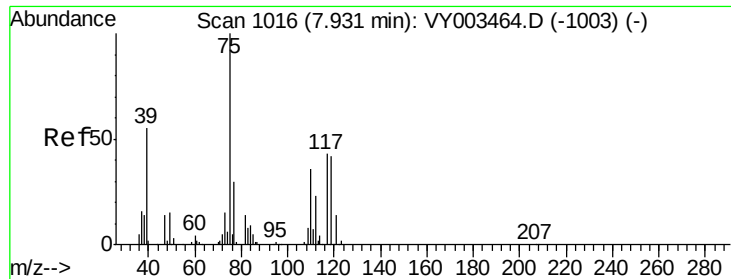
#35
 Dibromofluoromethane
 Concen: 48.028 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003528.D
 Acq: 12 Nov 2020 12:43

Tgt Ion:113 Resp: 109611
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 24.1 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: 4.780 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003528.D

Acq: 12 Nov 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

PAV-B12-110220-0-1

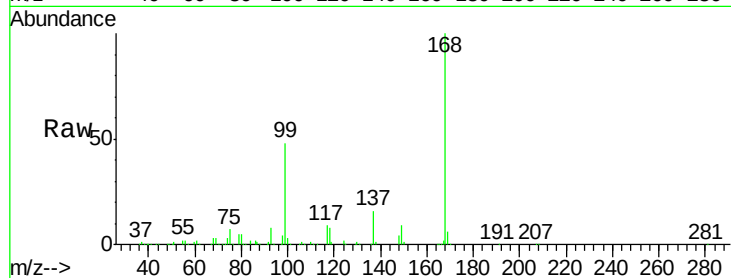
Tot Ion: 75 Resp: 16901

Ion Ratio Lower Upper

75 100

110 9.9 17.6 52.9#

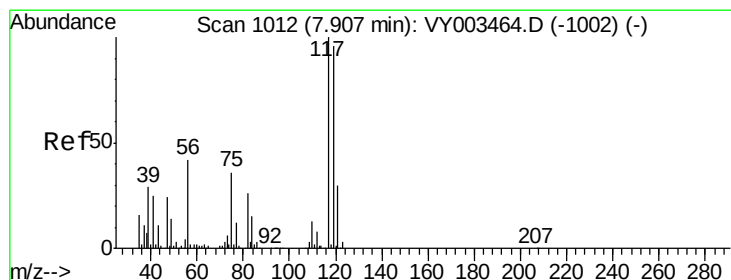
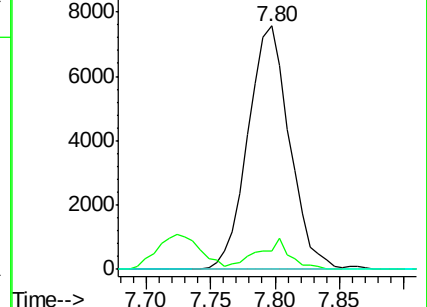
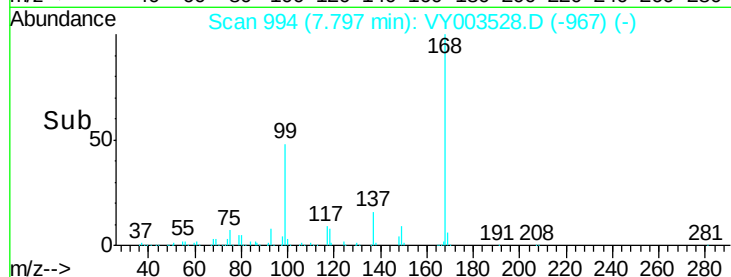
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY003528.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY003528.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY003528.D (-967) (-)



#38

Carbon Tetrachloride

Concen: 6.103 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003528.D

Acq: 12 Nov 2020 12:43

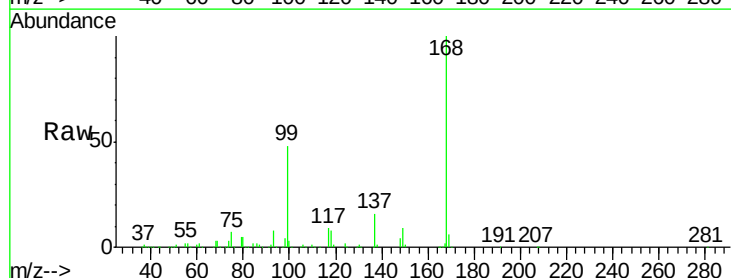
Tgt Ion: 117 Resp: 22389

Ion Ratio Lower Upper

117 100

119 5.8 76.2 114.4#

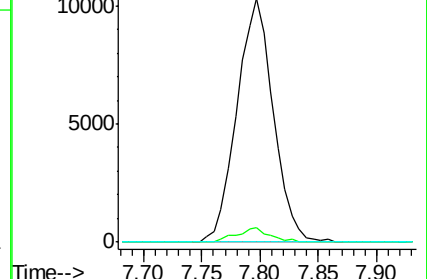
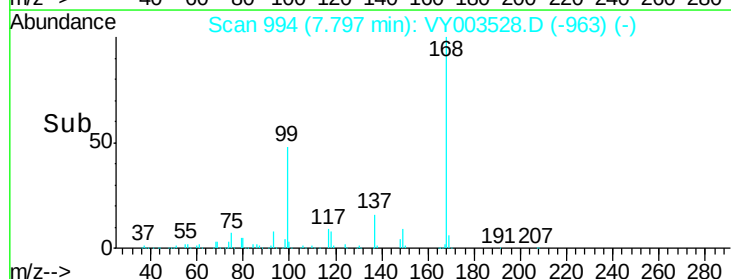
121 0.0 24.2 36.4#

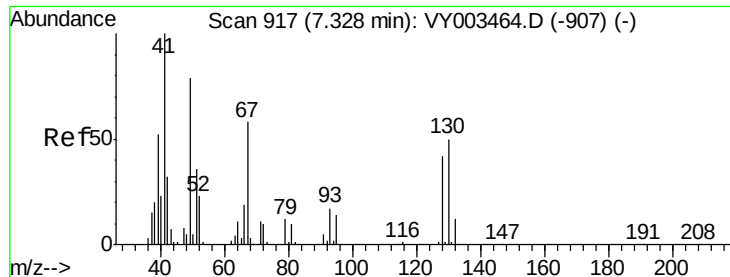


Abundance Ion 116.80 (116.50 to 117.50): VY003528.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003528.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003528.D (-963) (-)

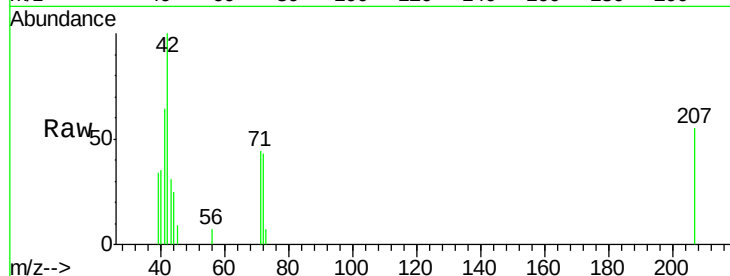




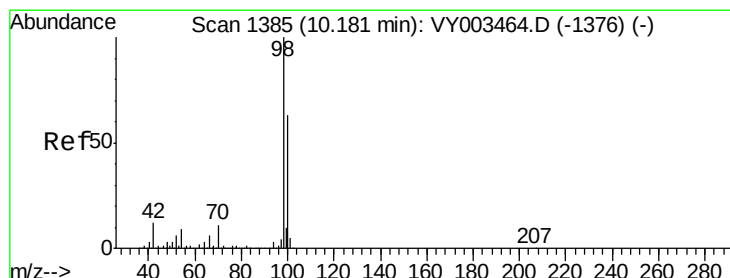
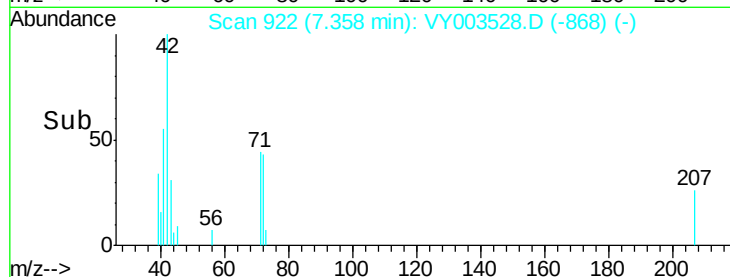
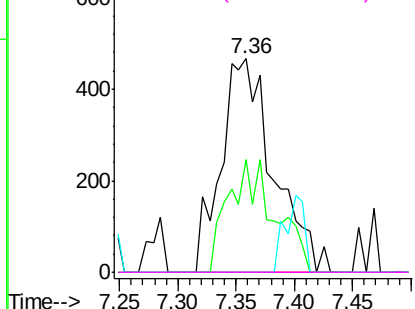
#41
Methacrylonitrile
Concen: 1.253 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

Tot Ion:	41	Resp:	1469
Ion	Ratio	Lower	Upper
41	100		
39	45.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

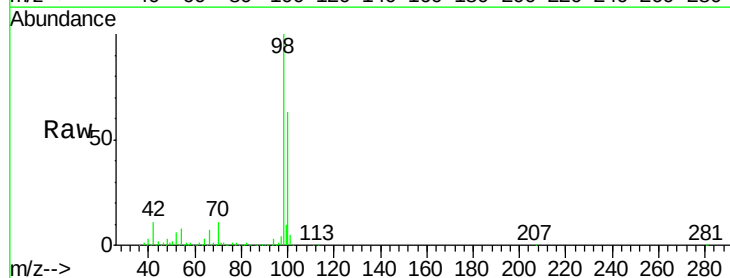


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

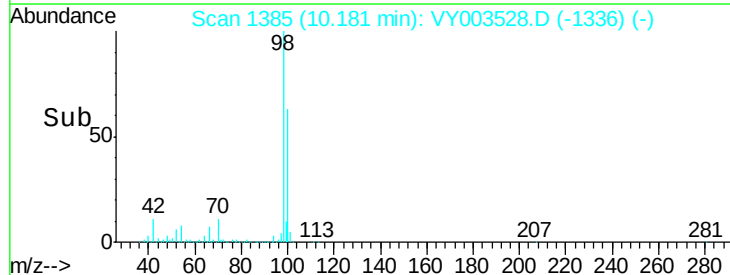
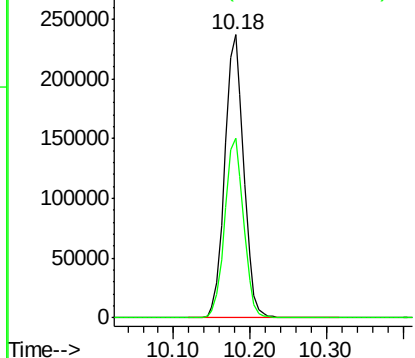


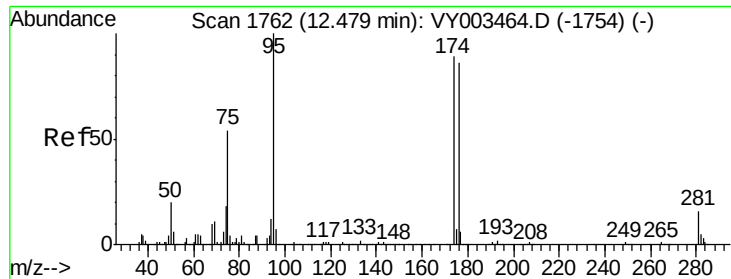
#50
Toluene-d8
Concen: 42.594 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Tgt Ion:	98	Resp:	404395
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

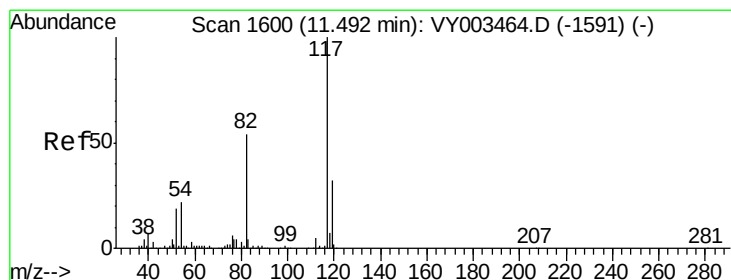
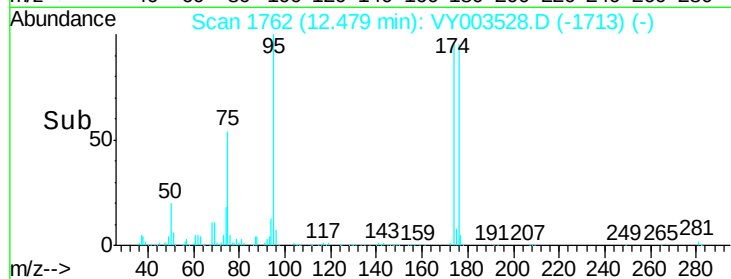
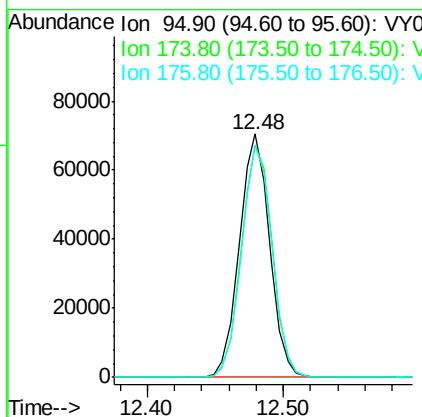
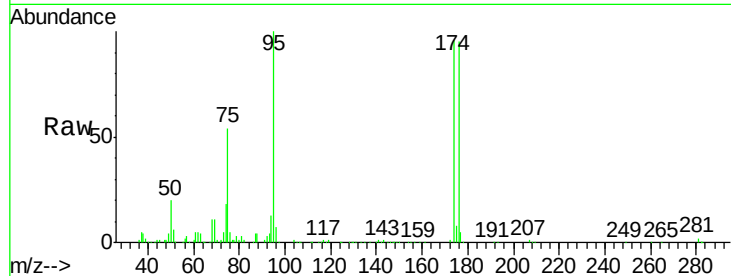




#62
4-Bromofluorobenzene
Concen: 34.692 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

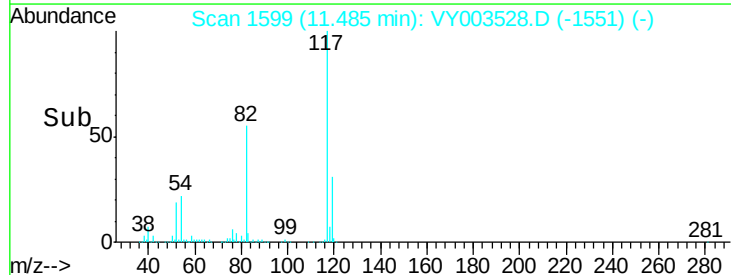
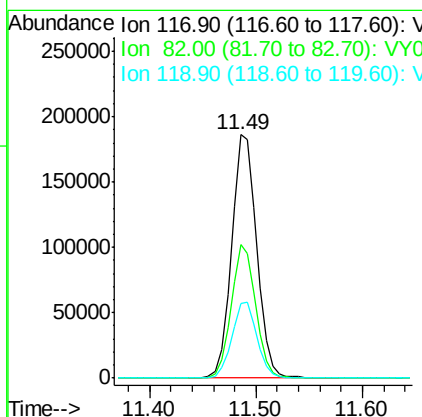
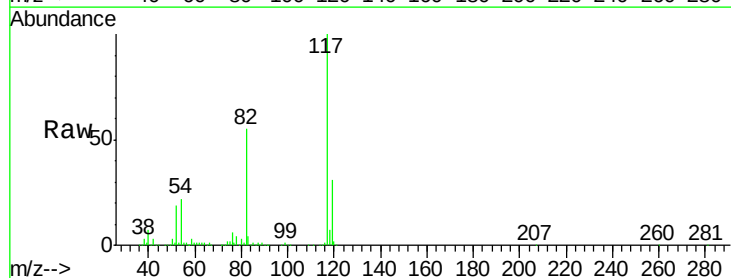
Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

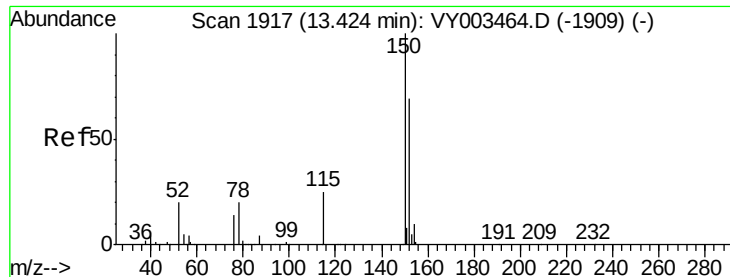
Tot Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	193.0
176	96.5	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.4	65.2
119	30.8	25.8	38.6



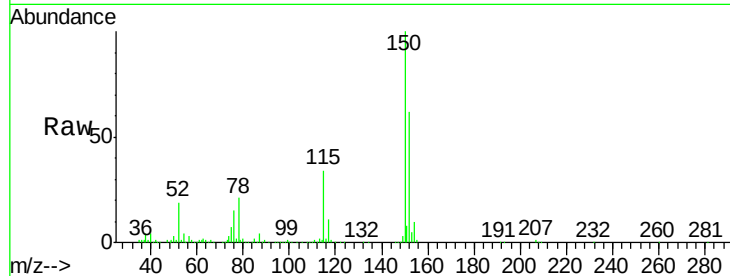


#72

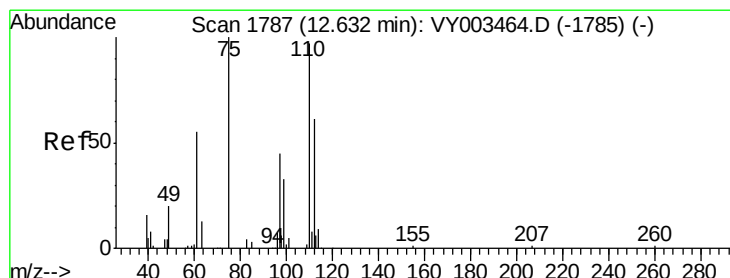
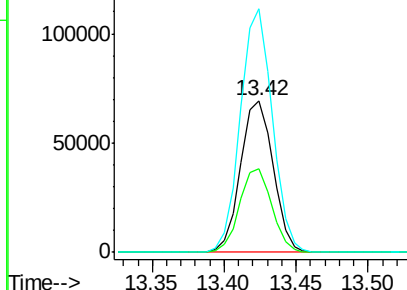
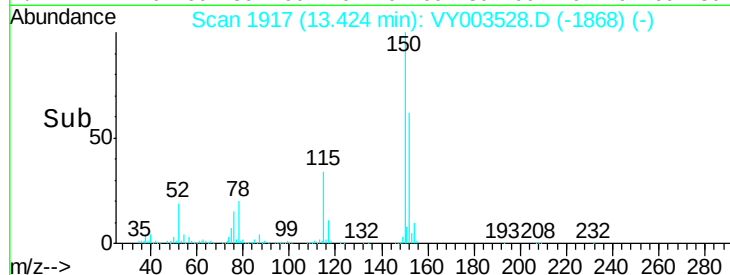
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

Tot Ion:152 Resp: 109251
Ion Ratio Lower Upper
152 100
115 54.4 27.5 82.4
150 156.7 0.0 345.8



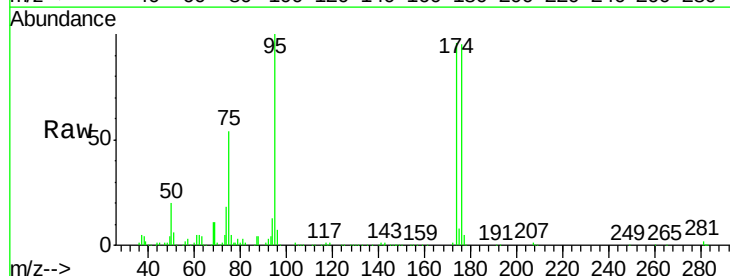
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



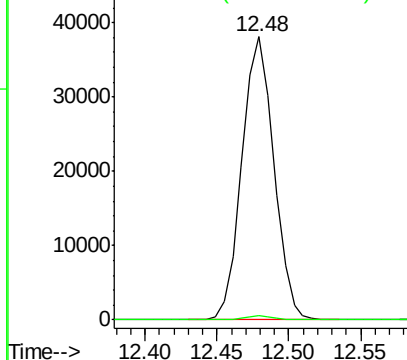
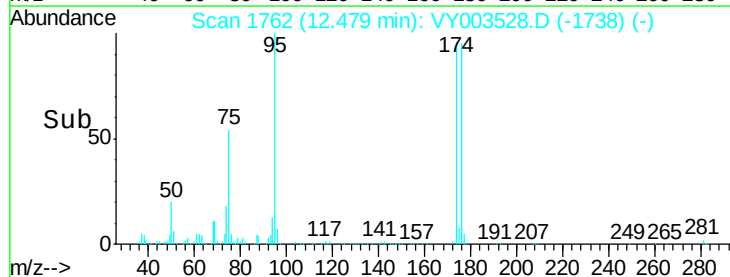
#76

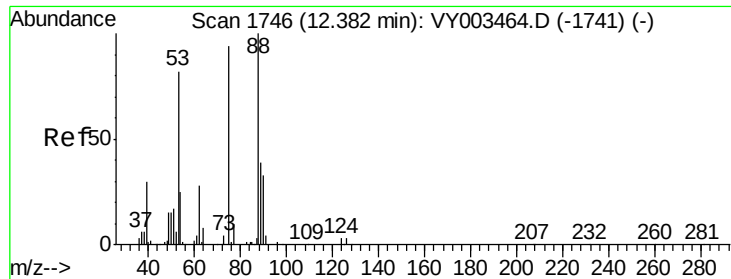
1,2,3-Trichloropropane
Concen: 50.806 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Tgt Ion: 75 Resp: 58729
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

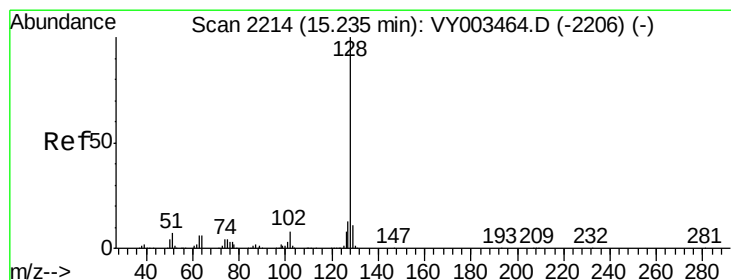
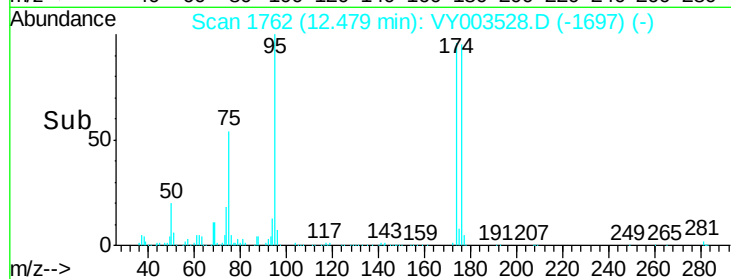
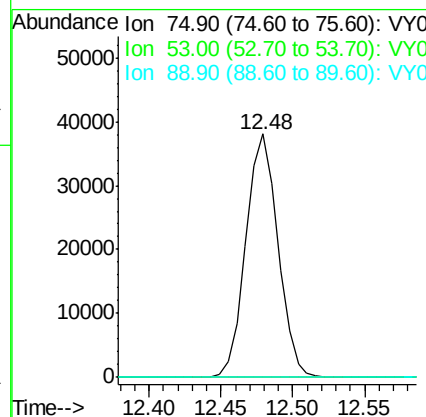
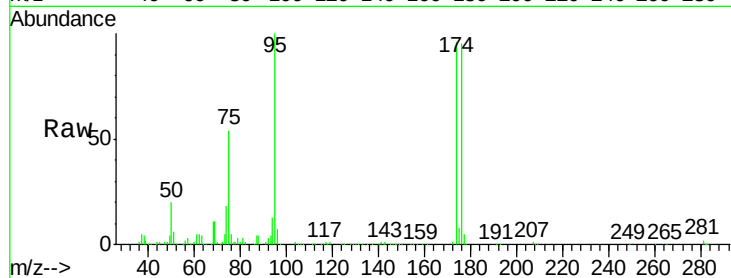




#81
trans-1,4-Dichloro-2-butene
Concen: 106.040 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

Tot Ion: 75 Resp: 58729
Ion Ratio Lower Upper
75 100
53 0.2 74.7 112.1#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 7.505 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Tgt Ion: 128 Resp: 31900
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.0 8.6 13.0

