

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003364.D
 Acq On : 27 Jul 2020 18:39
 Operator : SY/MD
 Sample : L3453-02
 Misc : 7.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-067

Quant Time: Jul 28 05:06:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	426802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	661794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	598472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	268033	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	214787	59.62	ug/l	0.00
Spiked Amount			Recovery	=	119.24%	
35) Dibromofluoromethane	7.72	113	202903	53.28	ug/l	0.00
Spiked Amount			Recovery	=	106.56%	
50) Toluene-d8	10.18	98	794586	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.48	95	245382	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

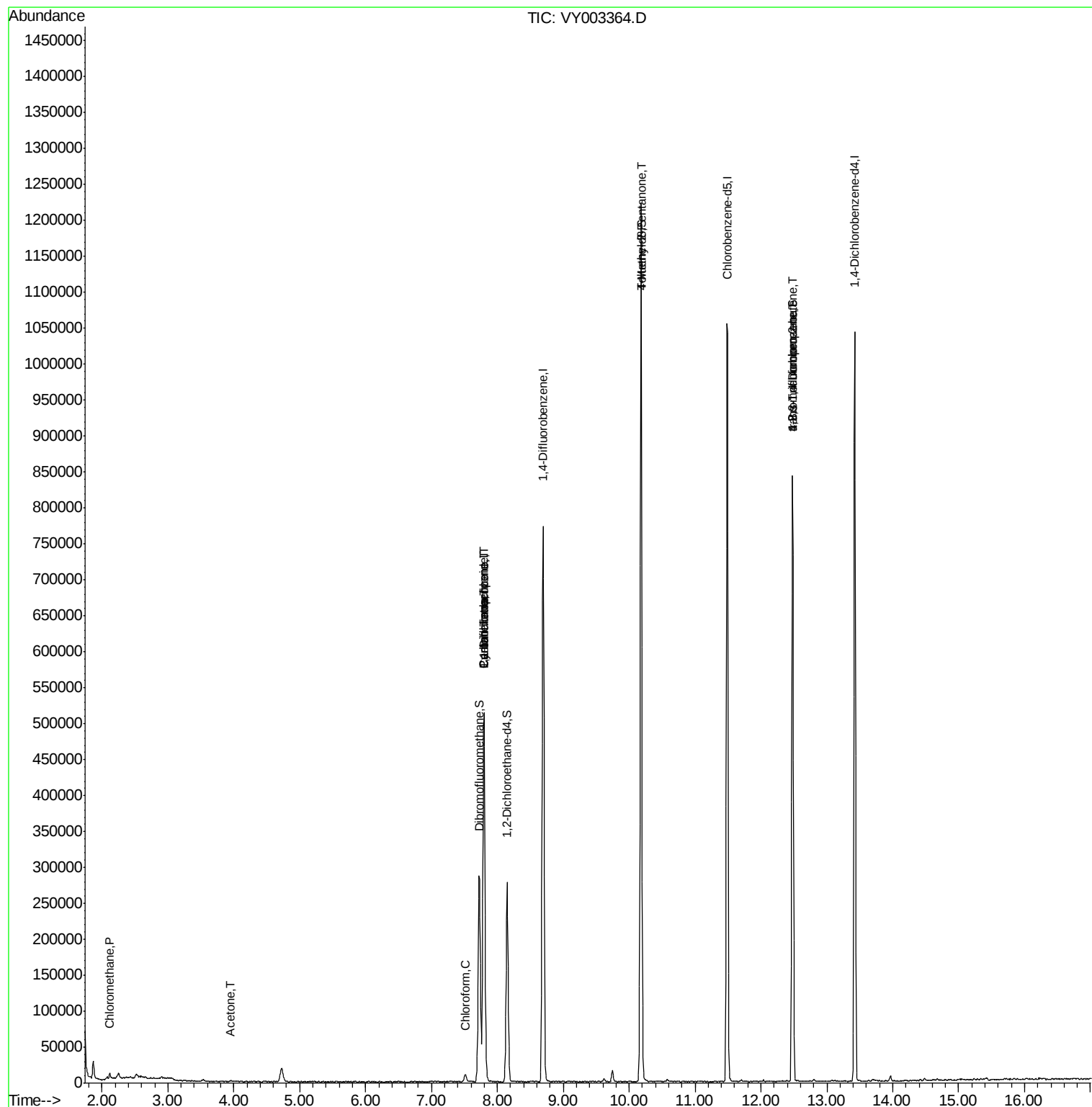
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	6365	1.500	ug/l	91
16) Acetone	3.95	43	1476	1.834	ug/l #	72
20) Methylene Chloride	4.72	84	14760	Below Cal	#	87
30) Chloroform	7.52	83	9855	1.412	ug/l	100
31) Cyclohexane	7.79	56	8260	1.261	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	29390	4.900	ug/l #	50
38) Carbon Tetrachloride	7.80	117	37858	6.114	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3471	1.068	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	125963	53.092	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	125963	103.327	ug/l #	13

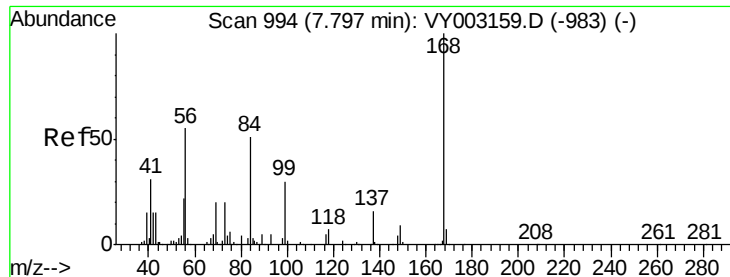
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
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Quant Time: Jul 28 05:06:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

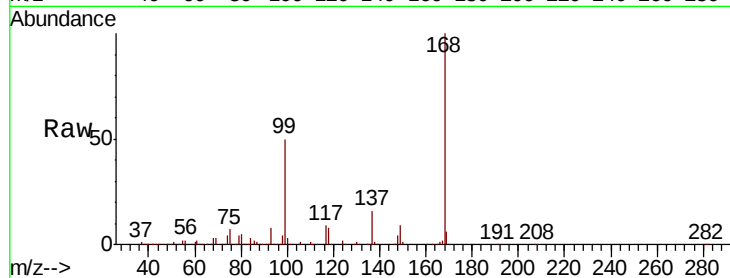
FK-PS-01-067

Tot Ion:168 Resp: 426802

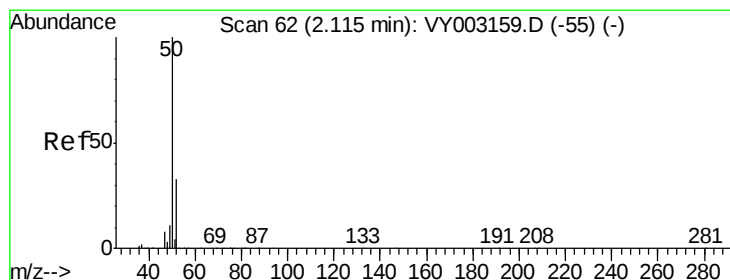
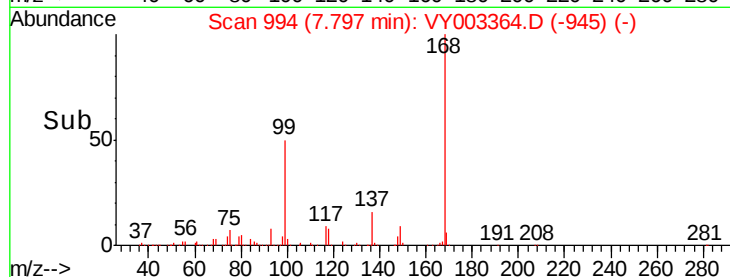
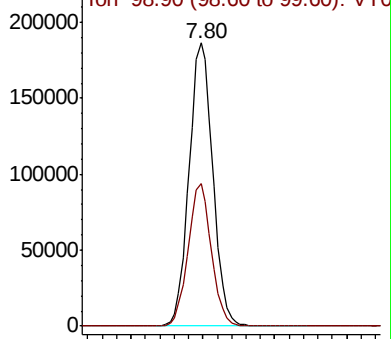
Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003364.D (-945) (-)



#3

Chloromethane

Concen: 1.500 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003364.D

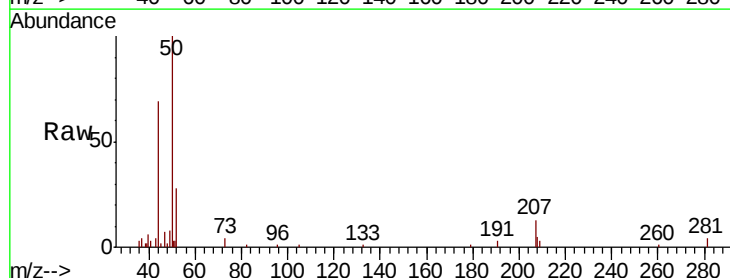
Acq: 27 Jul 2020 18:39

Tgt Ion: 50 Resp: 6365

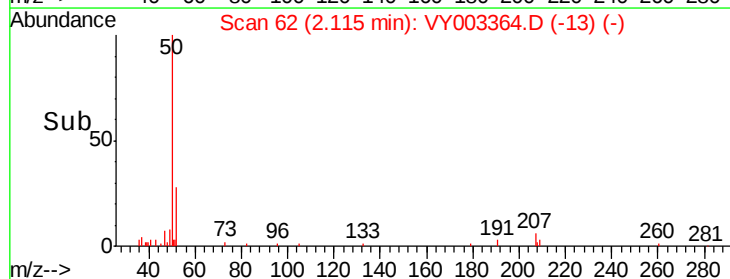
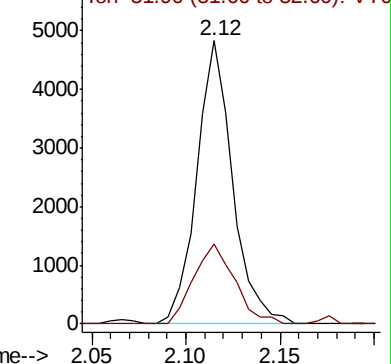
Ion Ratio Lower Upper

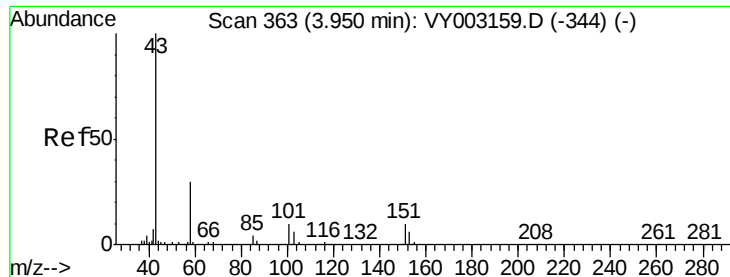
50 100

52 28.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003364.D (-13) (-)





#16

Acetone

Concen: 1.834 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

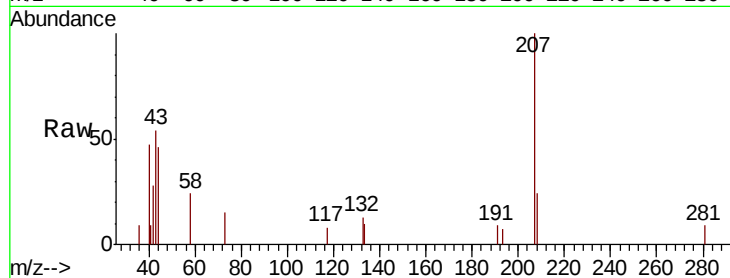
FK-PS-01-067

Tot Ion: 43 Resp: 1476

Ion Ratio Lower Upper

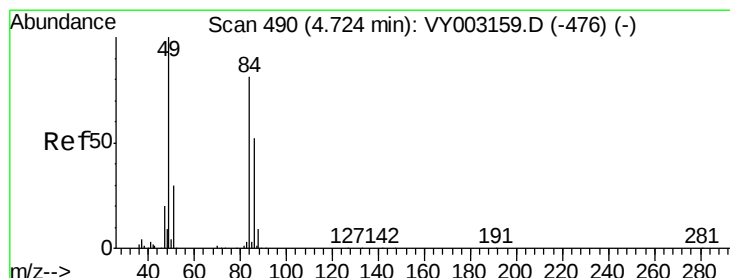
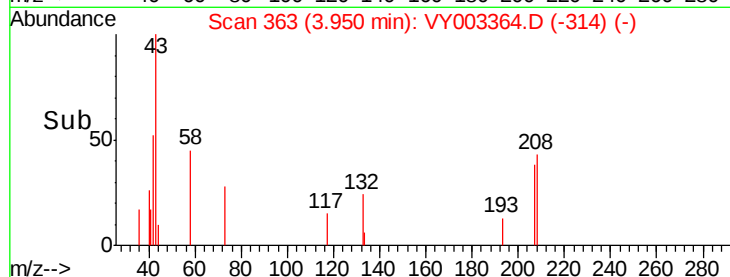
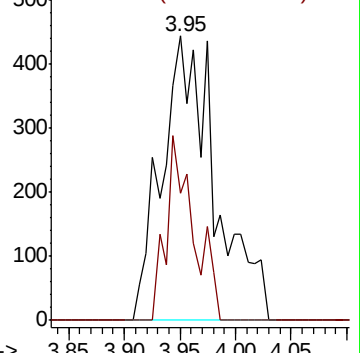
43 100

58 44.6 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Tgt Ion: 84 Resp: 14760

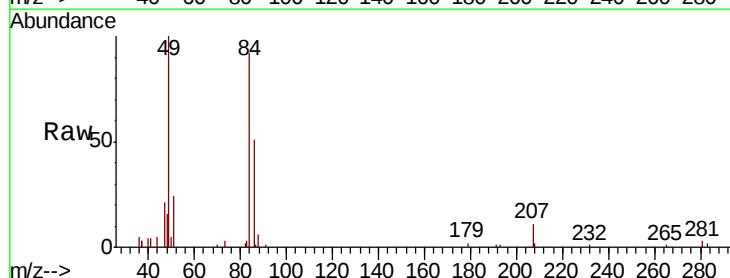
Ion Ratio Lower Upper

84 100

49 109.1 98.2 147.4

51 26.7 29.8 44.6#

86 55.7 51.2 76.8

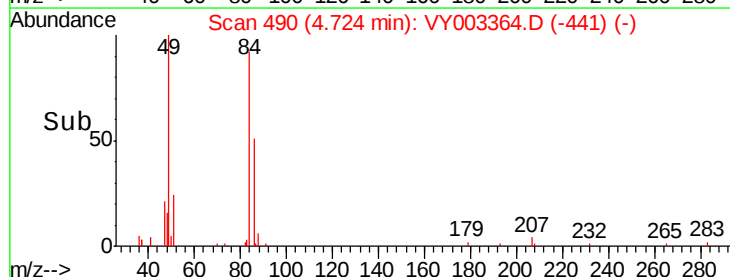
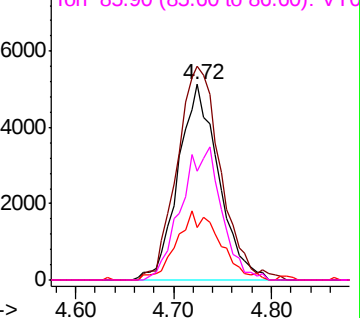


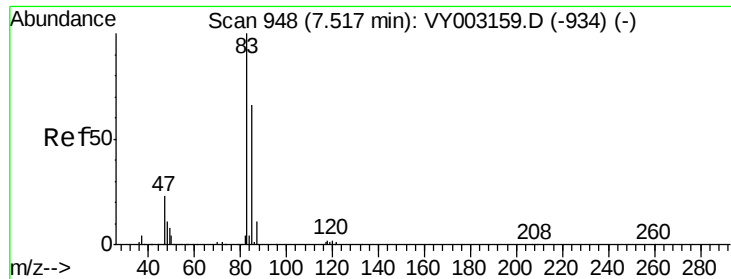
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

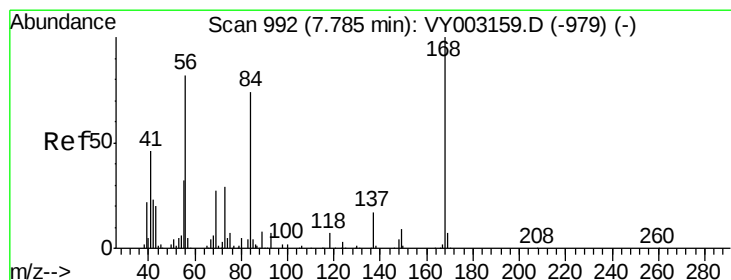
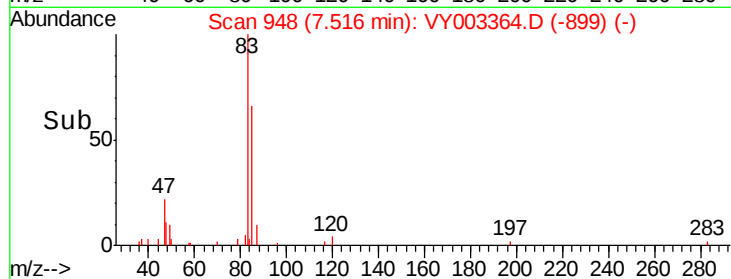
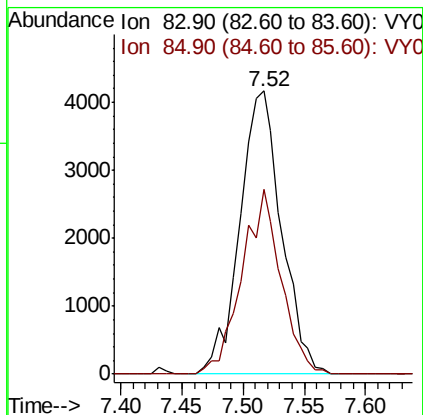
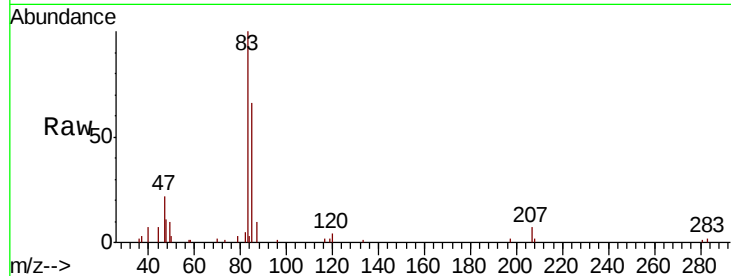




#30
Chloroform
Concen: 1.412 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003364.D
Acq: 27 Jul 2020 18:39

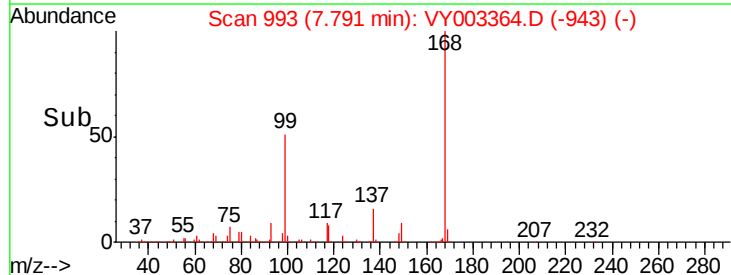
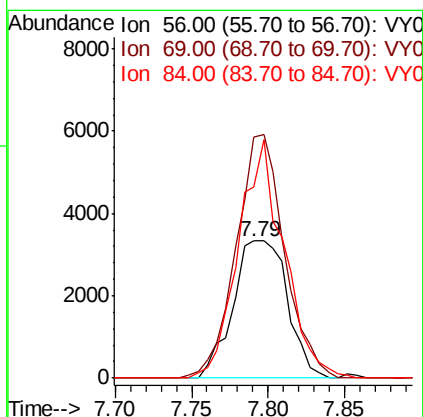
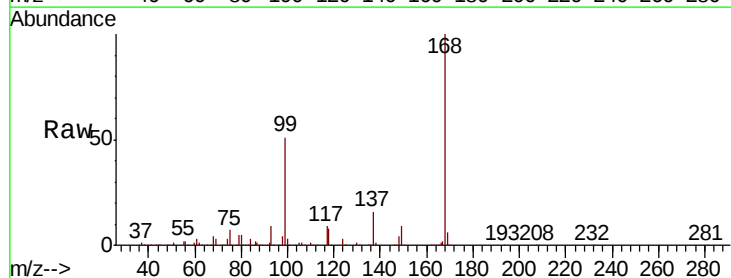
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-067

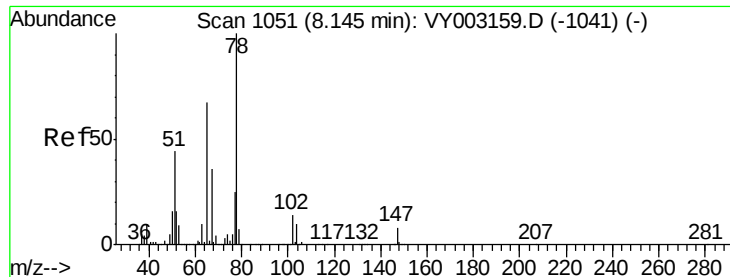
Tot Ion: 83 Resp: 9855
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003364.D
Acq: 27 Jul 2020 18:39

Tgt Ion: 56 Resp: 8260
Ion Ratio Lower Upper
56 100
69 175.7 26.7 40.1#
84 139.3 72.3 108.5#

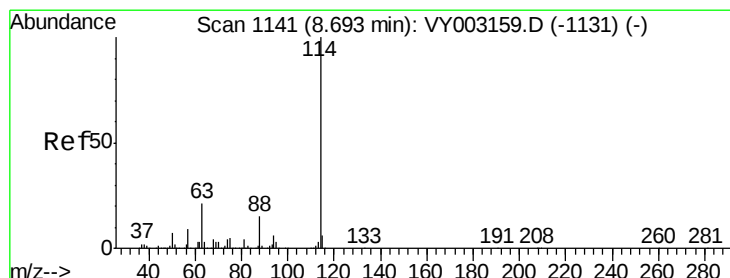
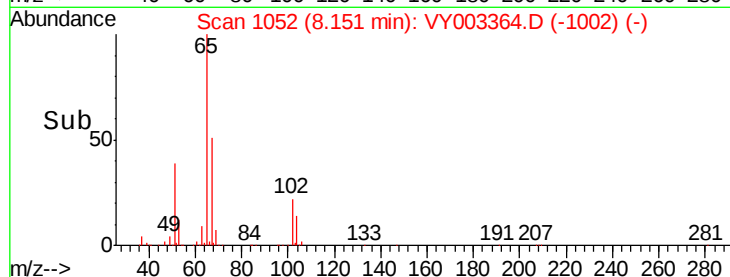
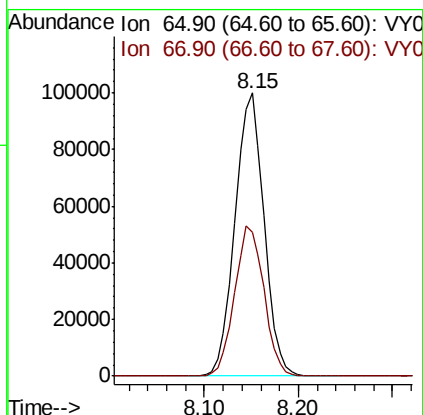
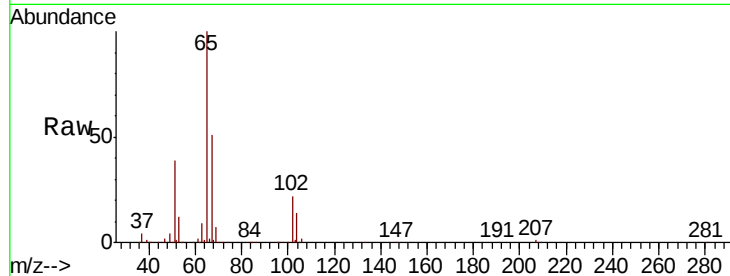




#33
 1,2-Dichloroethane-d4
 Concen: 59.624 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003364.D
 Acq: 27 Jul 2020 18:39

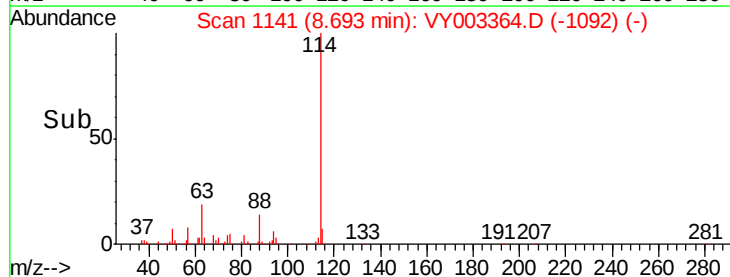
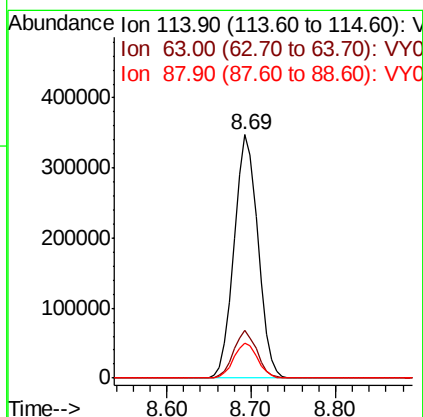
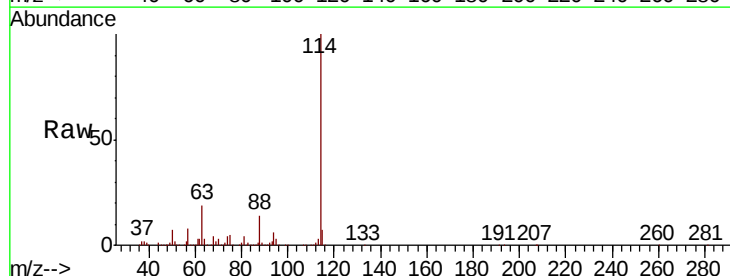
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-067

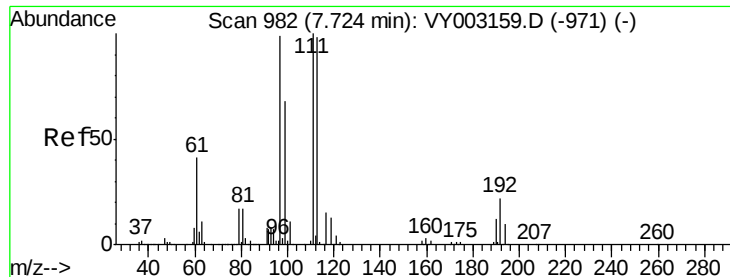
Tot Ion: 65 Resp: 214787
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003364.D
 Acq: 27 Jul 2020 18:39

Tgt Ion: 114 Resp: 661794
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.2 0.0 30.2

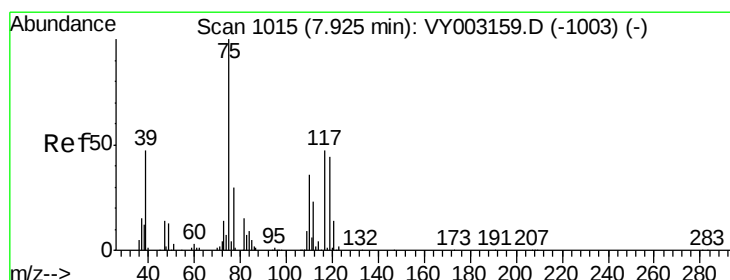
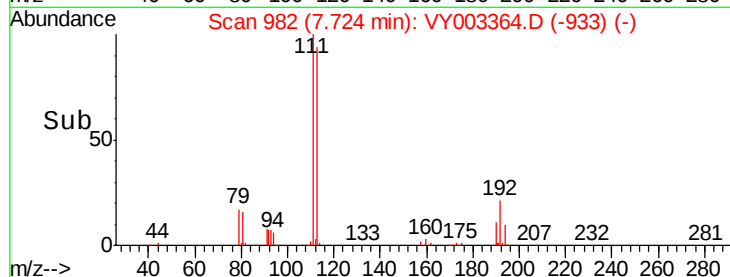
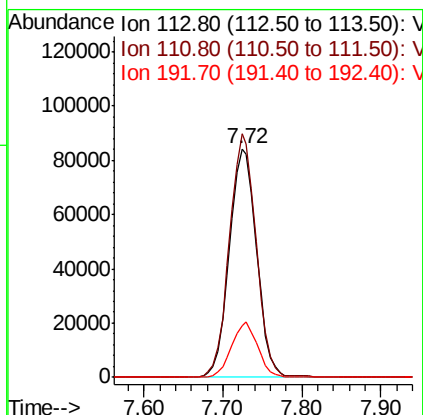
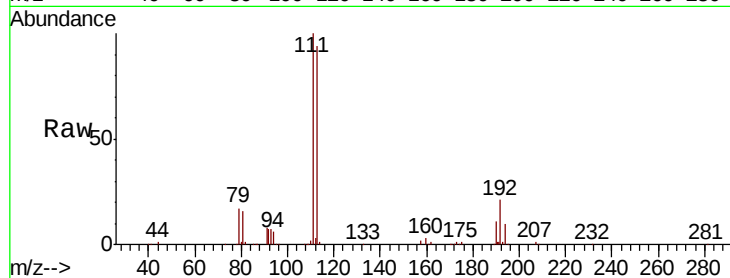




#35
 Dibromofluoromethane
 Concen: 53.277 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003364.D
 Acq: 27 Jul 2020 18:39

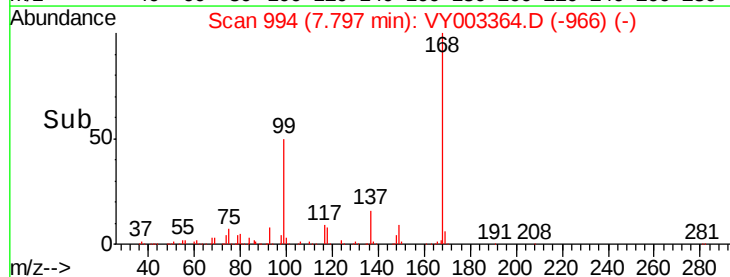
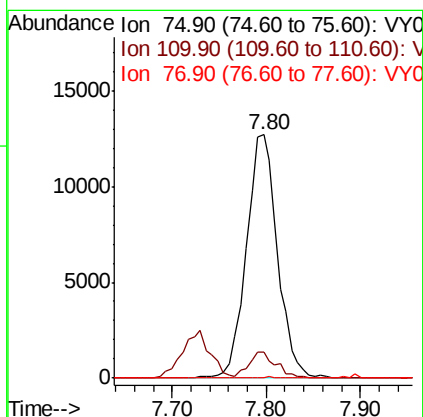
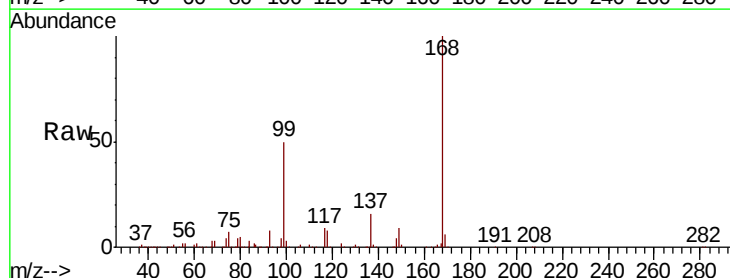
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-067

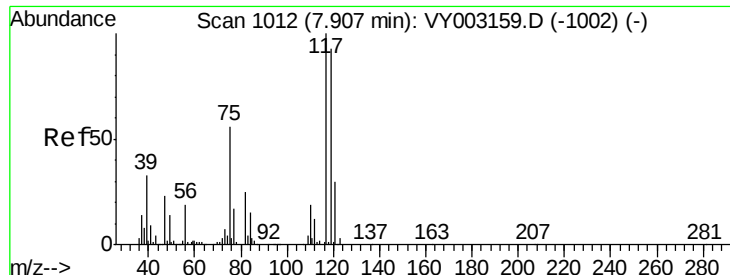
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	23.1	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.900 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003364.D
 Acq: 27 Jul 2020 18:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	0.1	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.114 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-PS-01-067

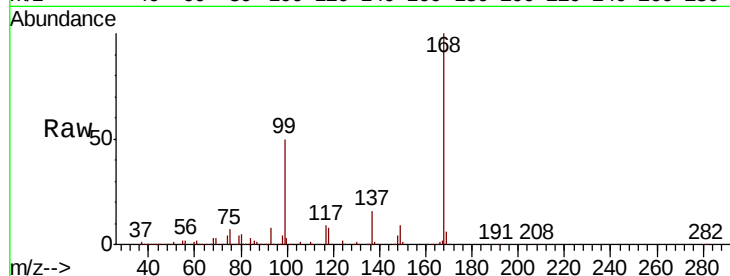
Tot Ion:117 Resp: 37858

Ion Ratio Lower Upper

117 100

119 4.7 74.5 111.7#

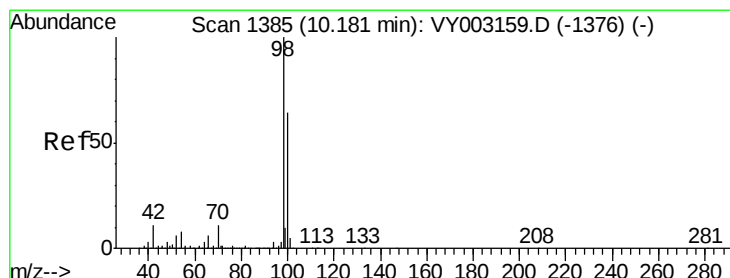
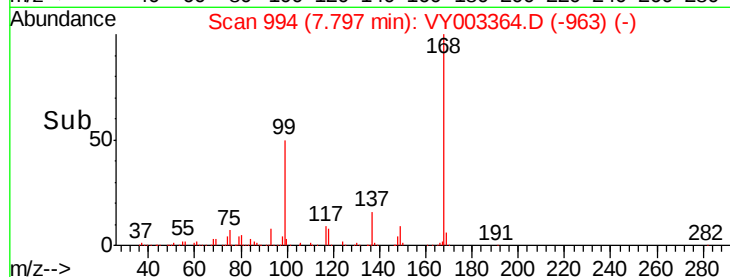
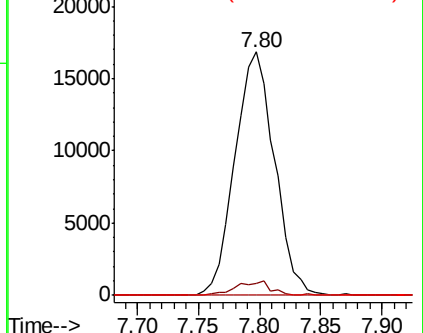
121 0.0 24.2 36.2#



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: 56.118 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003364.D

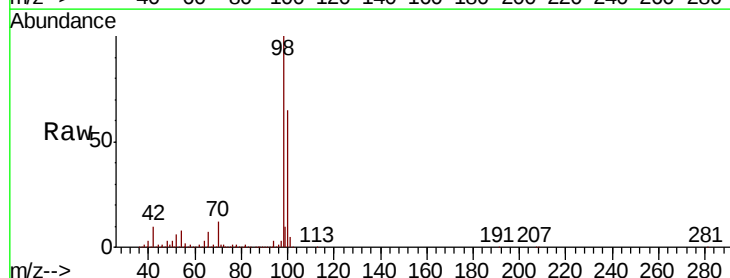
Acq: 27 Jul 2020 18:39

Tgt Ion: 98 Resp: 794586

Ion Ratio Lower Upper

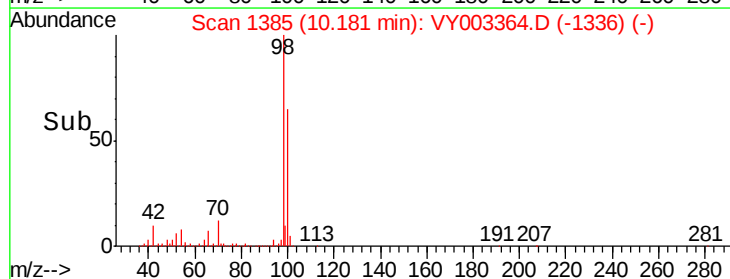
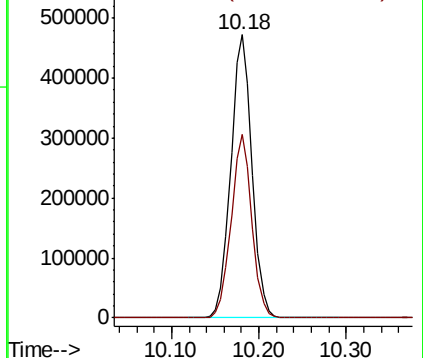
98 100

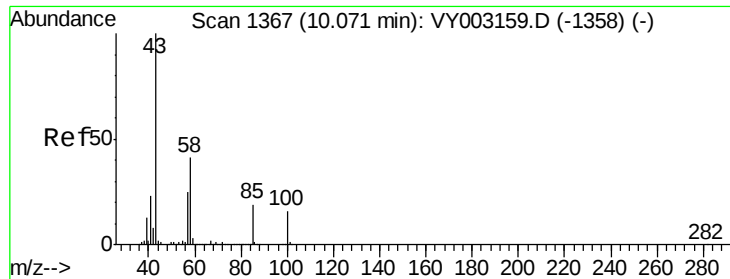
100 63.3 50.7 76.1



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: 1.068 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

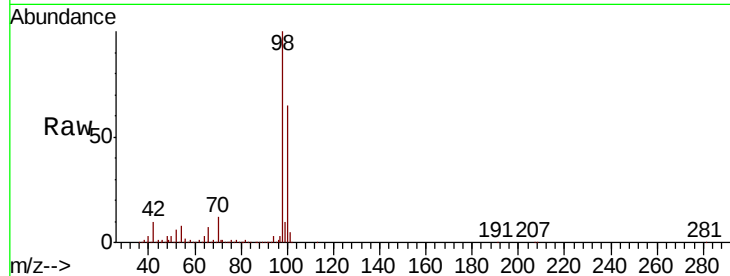
FK-PS-01-067

Tot Ion: 43 Resp: 3471

Ion Ratio Lower Upper

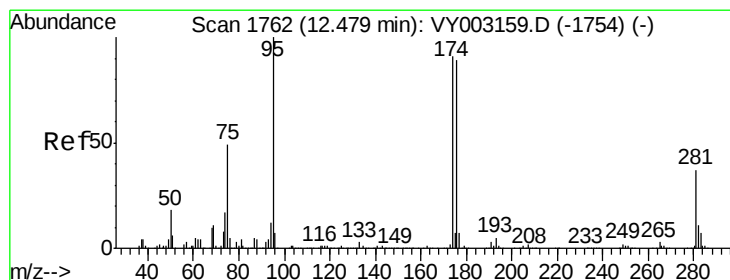
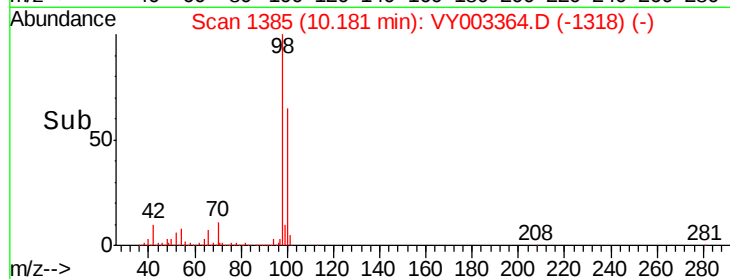
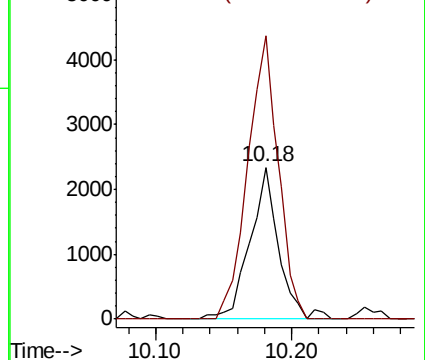
43 100

58 197.8 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.971 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

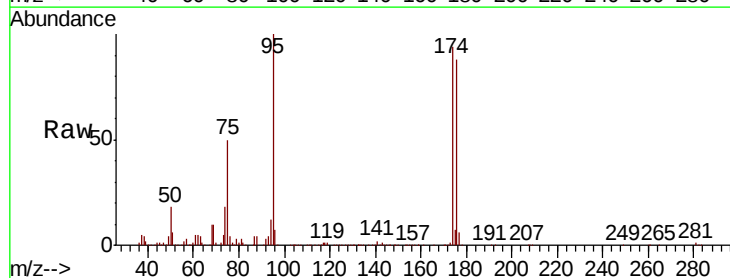
Tgt Ion: 95 Resp: 245382

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.6

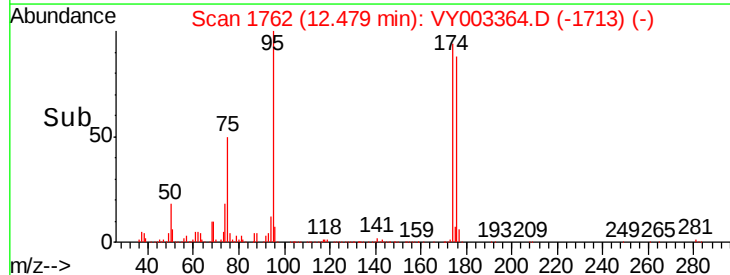
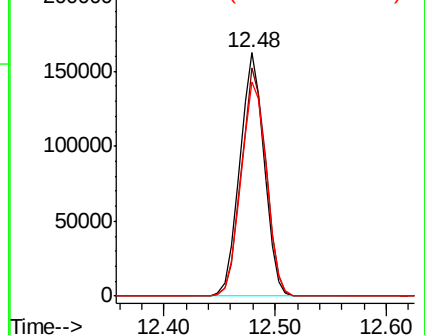
176 92.3 0.0 186.4

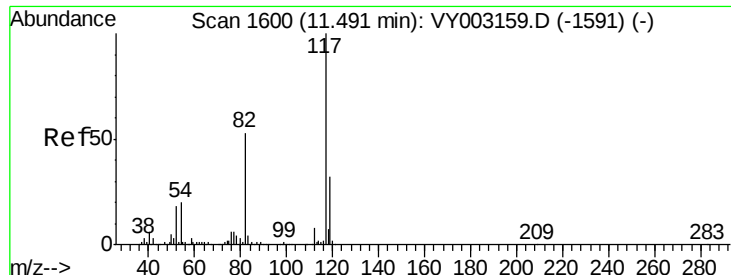


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

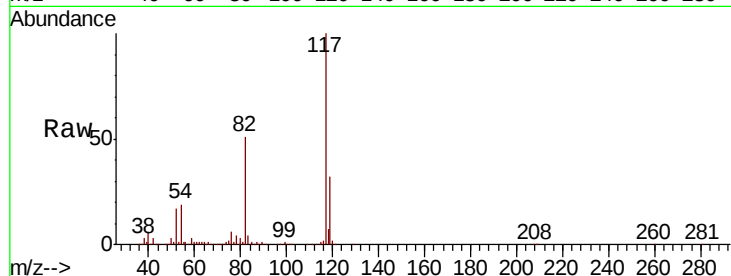




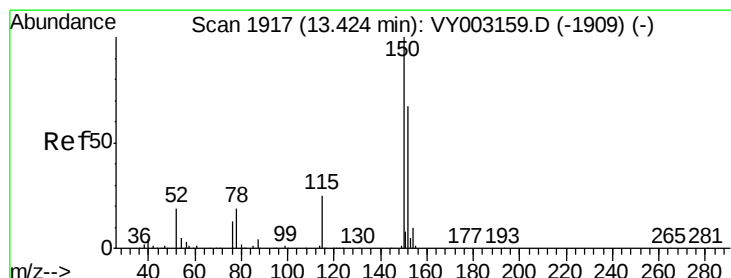
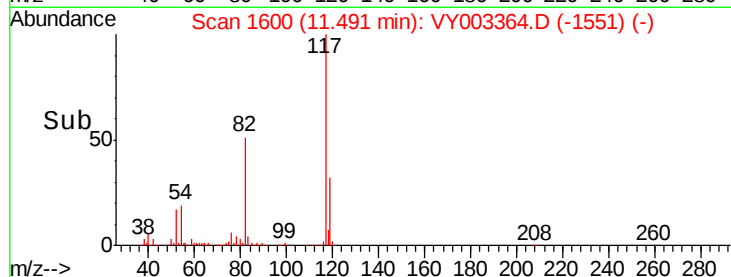
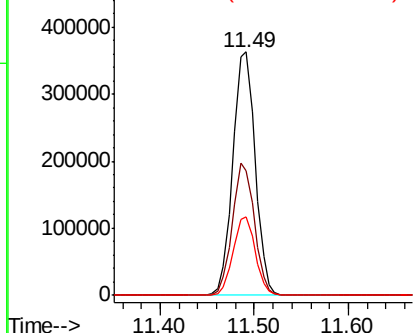
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003364.D
Acq: 27 Jul 2020 18:39

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-067

Tot Ion:117 Resp: 598472
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 32.3 25.5 38.3

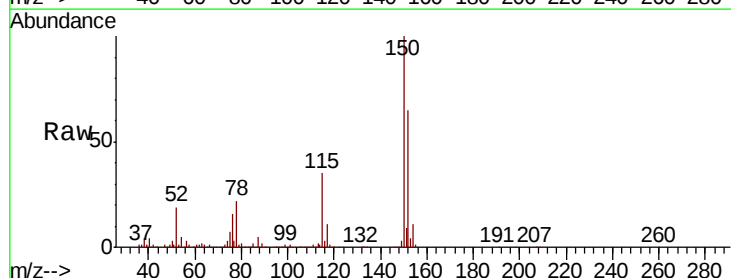


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

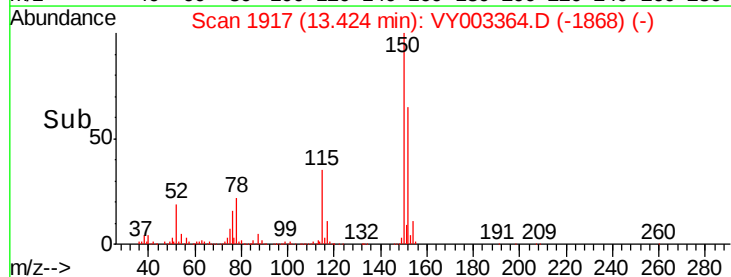
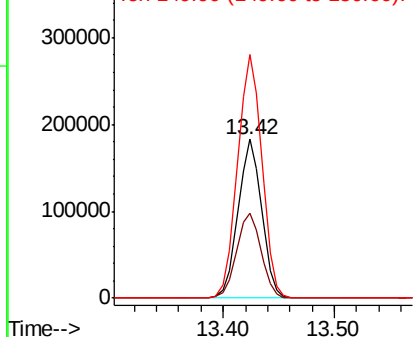


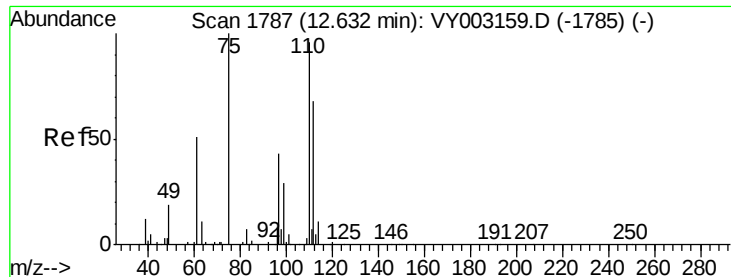
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003364.D
Acq: 27 Jul 2020 18:39

Tgt Ion:152 Resp: 268033
Ion Ratio Lower Upper
152 100
115 55.4 26.9 80.7
150 158.2 0.0 338.0



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: 53.092 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

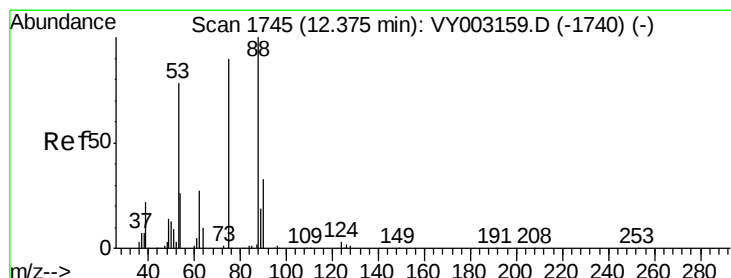
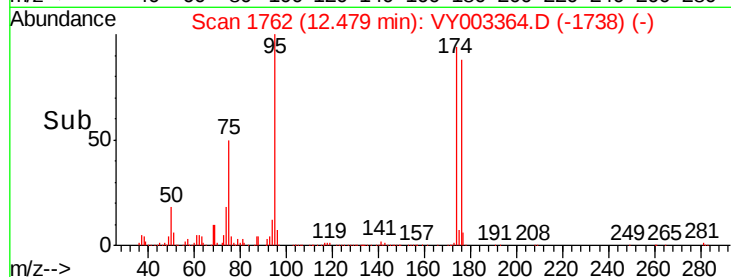
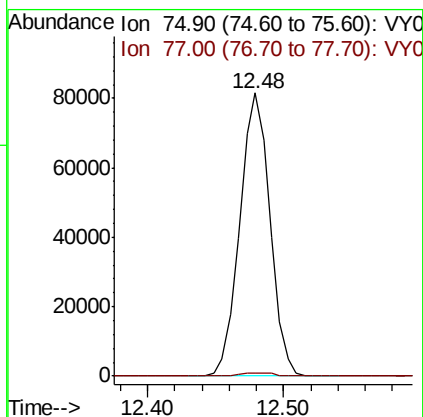
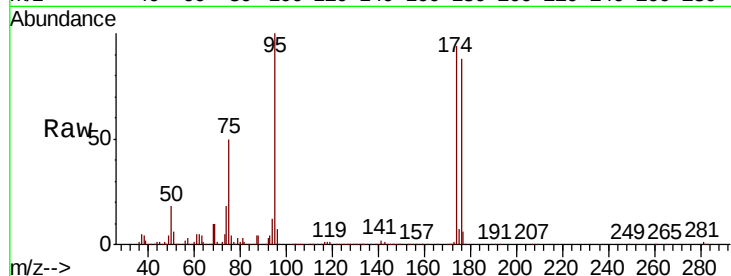
FK-PS-01-067

Tot Ion: 75 Resp: 125963

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.327 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Tgt Ion: 75 Resp: 125963

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 37.3 55.9#

