

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003401.D
 Acq On : 31 Jul 2020 19:57
 Operator : SY/MD
 Sample : L3518-37
 Misc : 3.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 01 01:31:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	395786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	617918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	584668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	293357	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	201984	53.67	ug/l	0.00
Spiked Amount			Recovery	=	107.34%	
35) Dibromofluoromethane	7.72	113	196974	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
50) Toluene-d8	10.18	98	758399	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.48	95	249045	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	

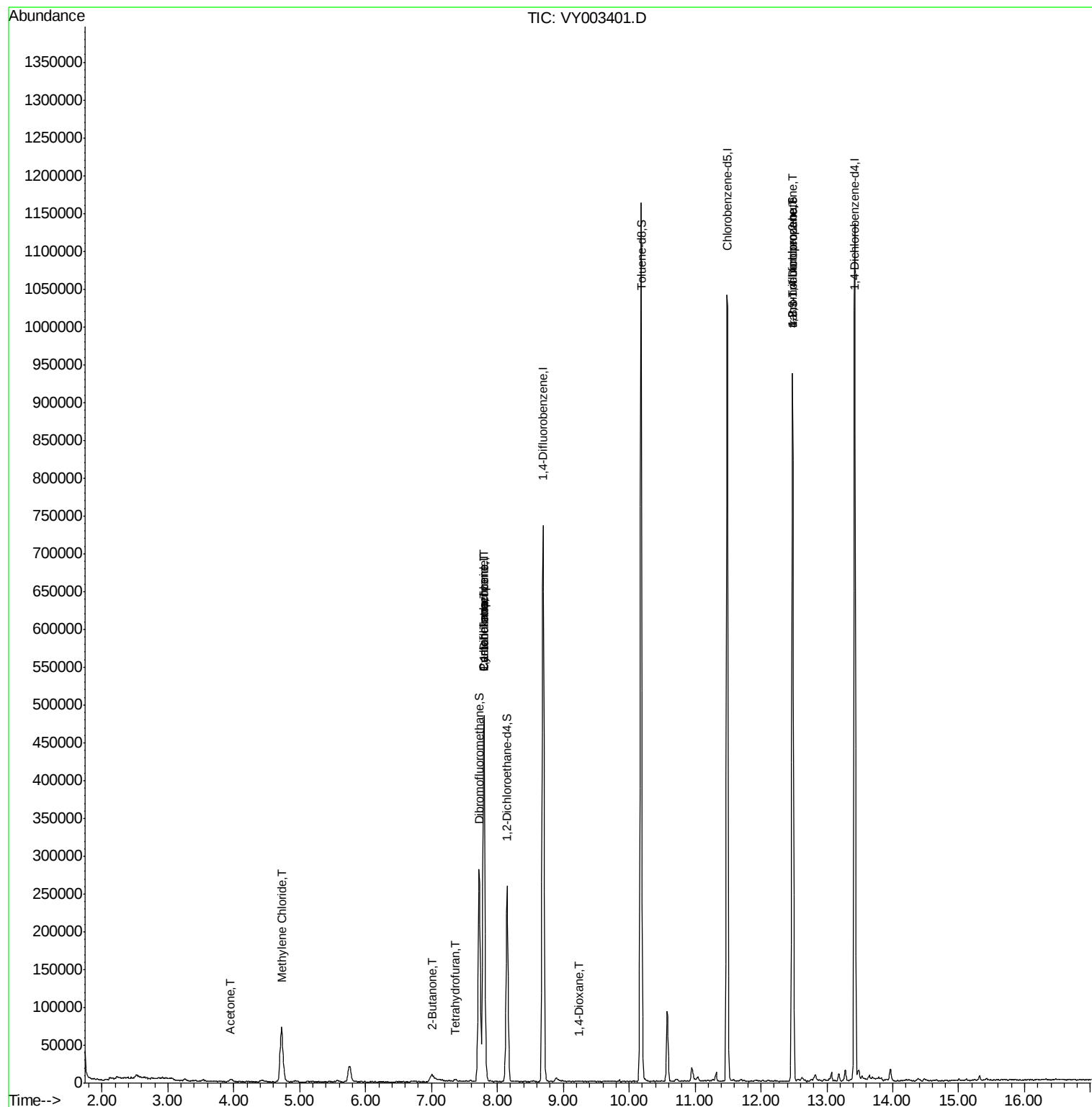
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	556	Below Cal	#	73
16) Acetone	3.96	43	6427	6.912	ug/l	92
20) Methylene Chloride	4.72	84	53788	3.170	ug/l	97
25) 2-Butanone	7.00	43	1753	1.237	ug/l	93
29) Tetrahydrofuran	7.36	42	1797	1.944	ug/l	# 73
31) Cyclohexane	7.79	56	7026	1.053	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	27353	4.678	ug/l	# 50
38) Carbon Tetrachloride	7.80	117	35444	5.891	ug/l	# 17
49) 1,4-Dioxane	9.24	88	59	1.912	ug/l	# 11
76) 1,2,3-Trichloropropane	12.48	75	129214	49.031	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	129214	92.729	ug/l	# 15

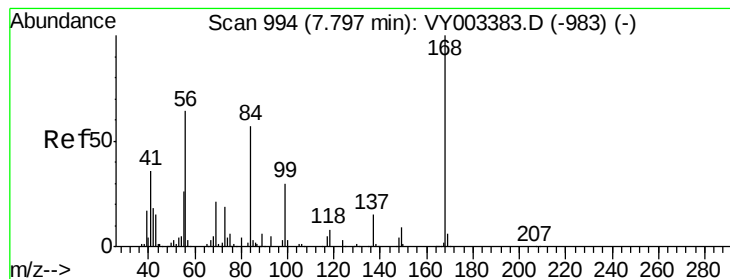
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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Quant Time: Aug 01 01:31:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 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: VY003401.D

Acq: 31 Jul 2020 19:57

Instrument :

MSVOA_Y

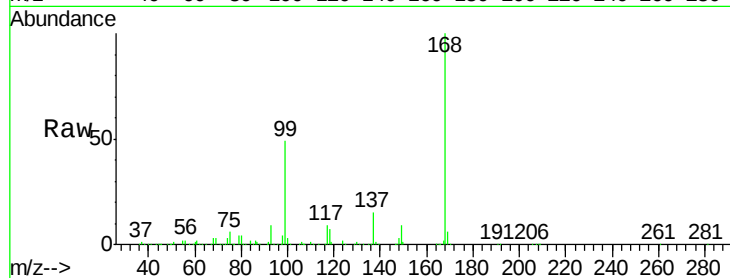
ClientSampled :

Tot Ion:168 Resp: 395786

Ion Ratio Lower Upper

168 100

99 49.5 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

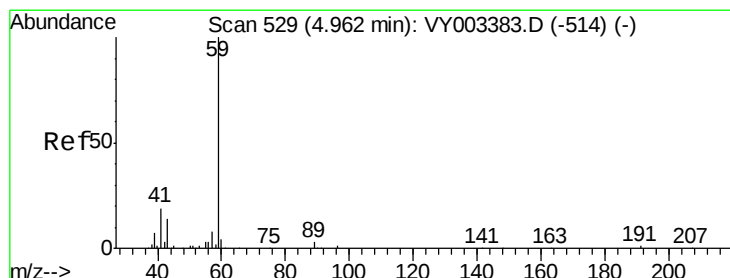
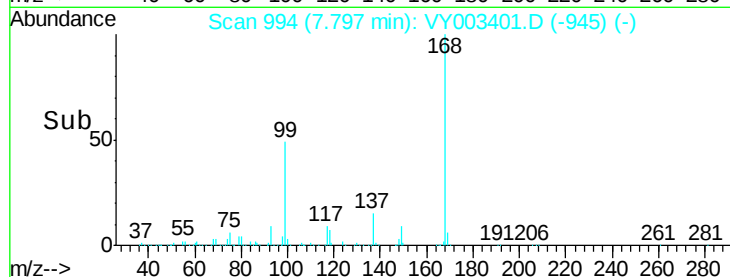
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY003401.D

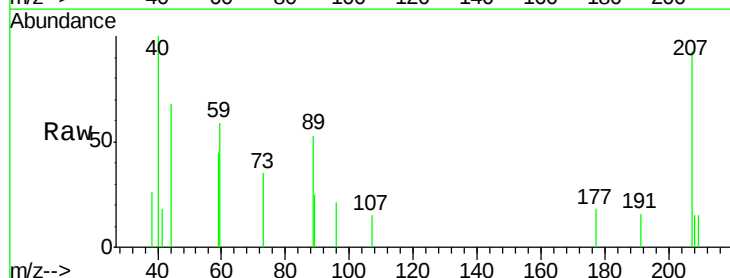
Acq: 31 Jul 2020 19:57

Tgt Ion: 59 Resp: 556

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003383.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY003383.D (-514) (-)

4.96

500

400

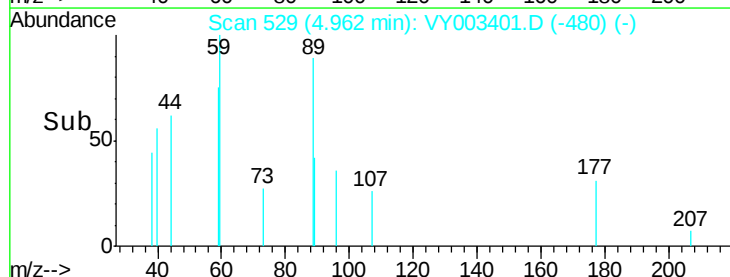
300

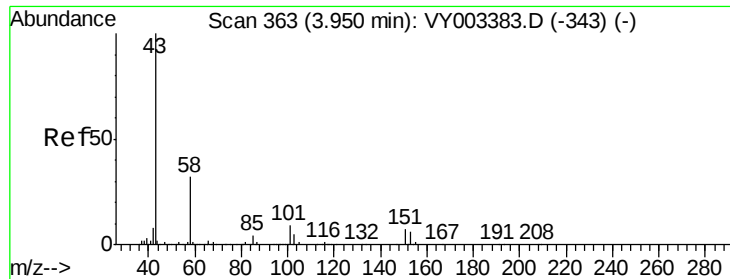
200

100

0

Time-->





#16

Acetone

Concen: 6.912 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

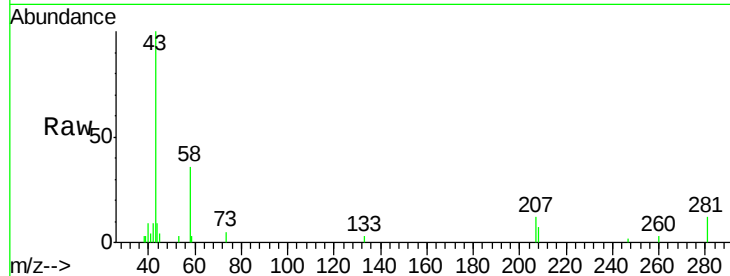
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 6427

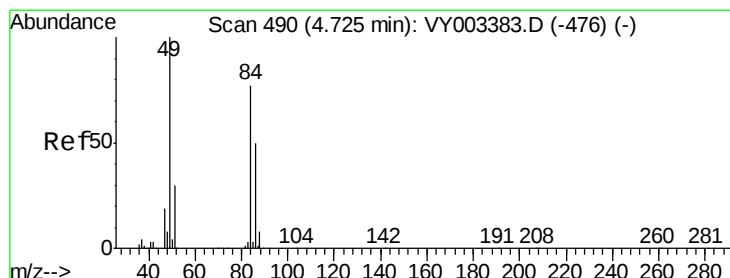
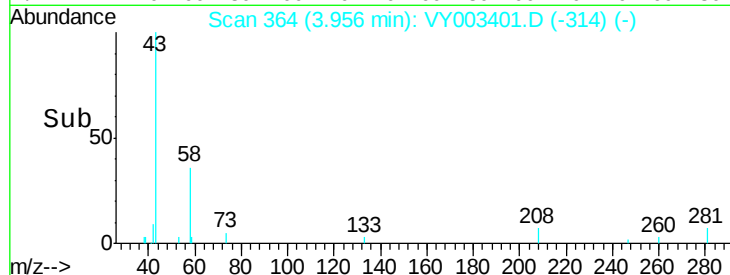
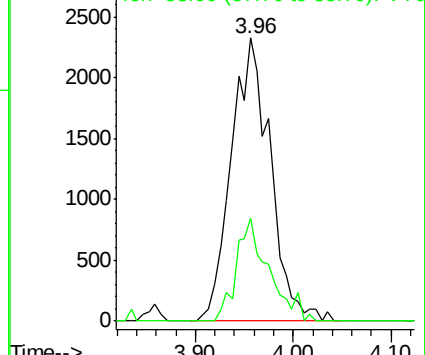
Ion Ratio Lower Upper

43 100

58 36.3 25.4 38.2



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



#20

Methylene Chloride

Concen: 3.170 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

Tgt Ion: 84 Resp: 53788

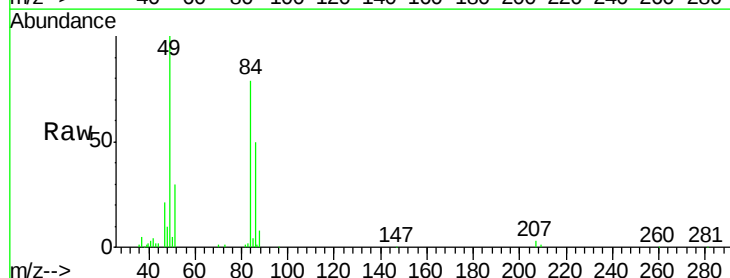
Ion Ratio Lower Upper

84 100

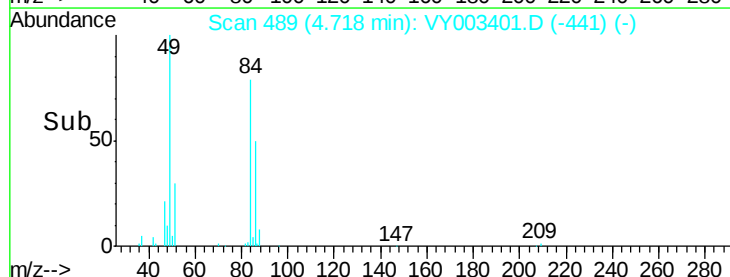
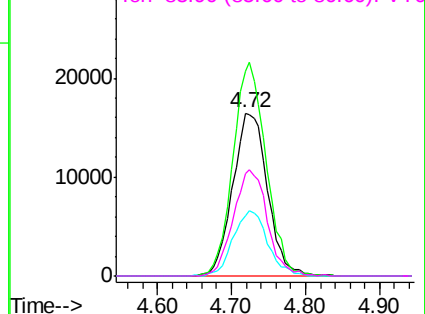
49 125.8 104.2 156.4

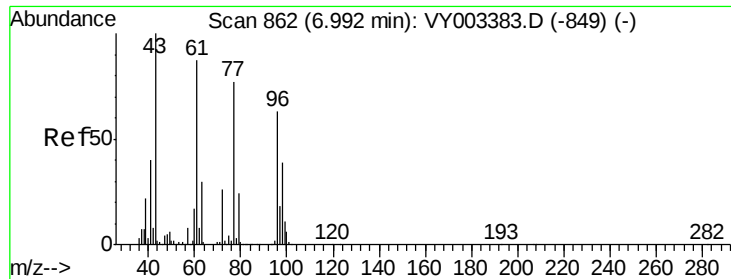
51 37.3 31.5 47.3

86 62.5 51.7 77.5



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





#25

2-Butanone

Concen: 1.237 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

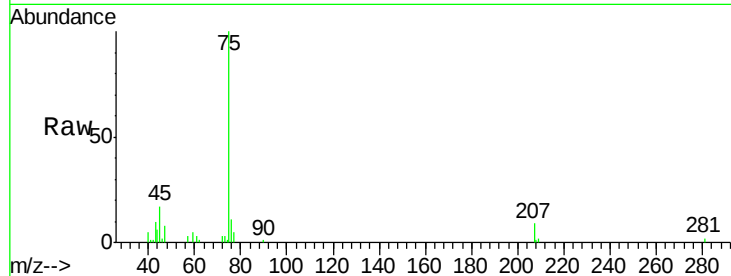
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1753

Ion Ratio Lower Upper

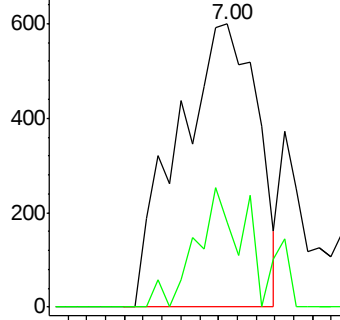
43 100

72 30.1 21.1 31.7

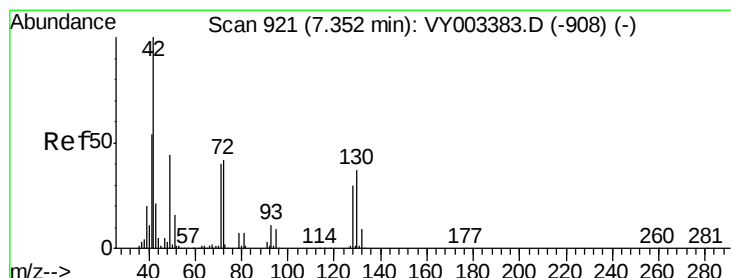
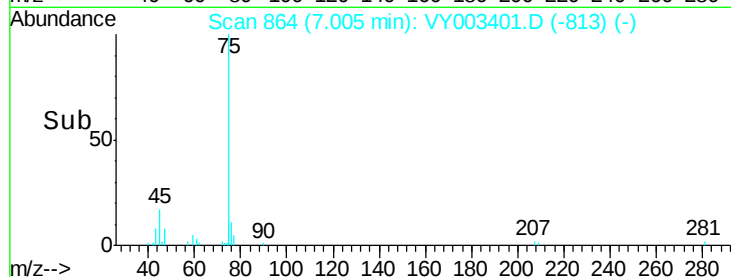


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#29

Tetrahydrofuran

Concen: 1.944 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

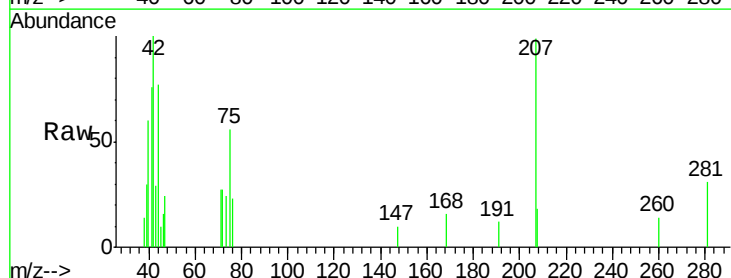
Tgt Ion: 42 Resp: 1797

Ion Ratio Lower Upper

42 100

72 14.5 33.5 50.3#

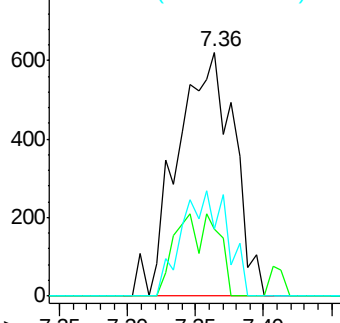
71 34.4 32.1 48.1



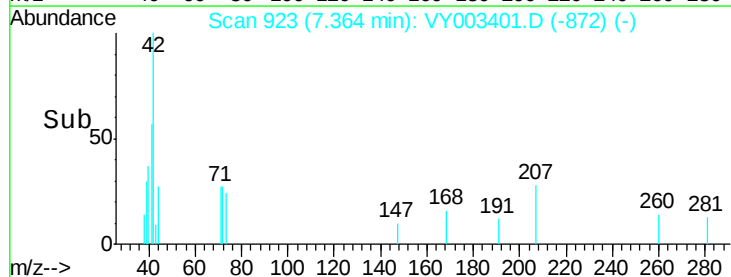
Abundance Ion 42.00 (41.70 to 42.70): VY0

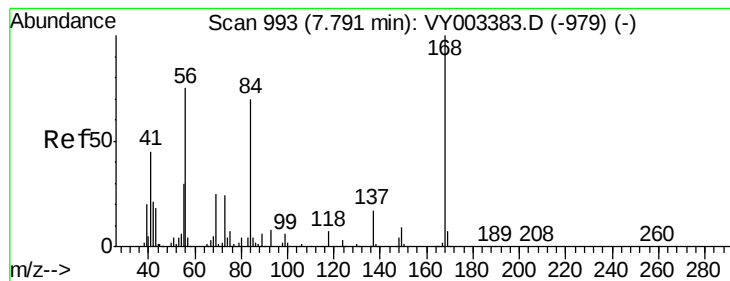
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



Time-->





#31

Cyclohexane

Concen: 1.053 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

Instrument :
MSVOA_Y
ClientSampleId :

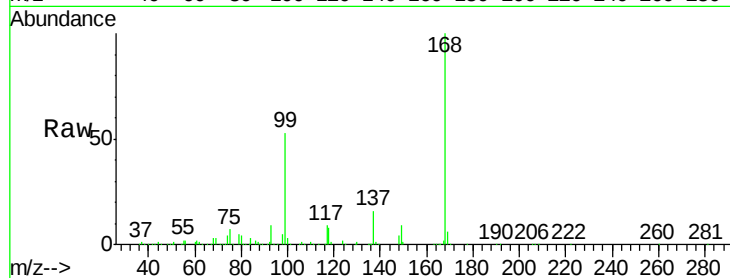
Tot Ion: 56 Resp: 7026

Ion Ratio Lower Upper

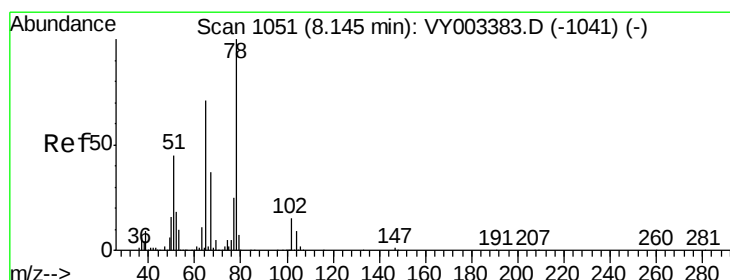
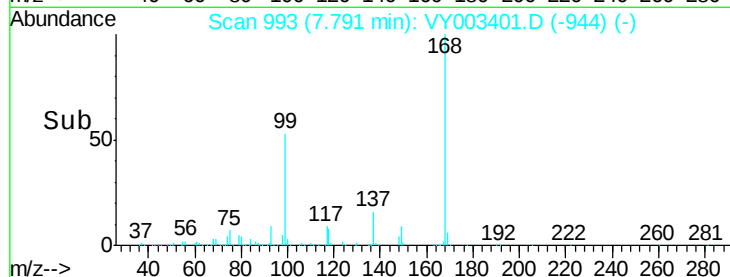
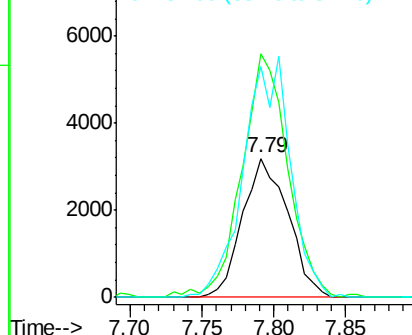
56 100

69 175.0 26.1 39.1#

84 164.6 73.9 110.9#



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: 53.674 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003401.D

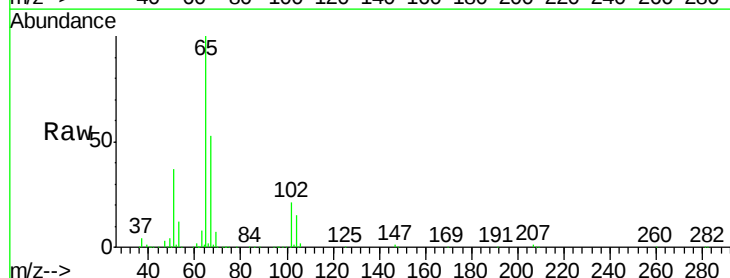
Acq: 31 Jul 2020 19:57

Tgt Ion: 65 Resp: 201984

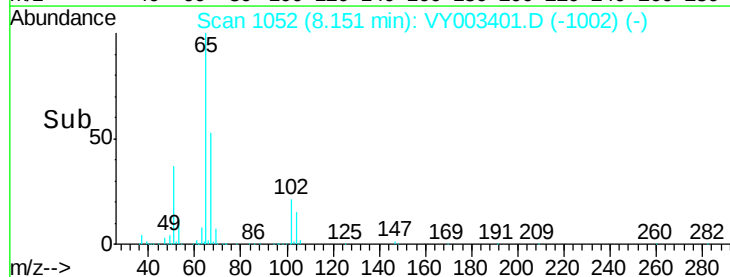
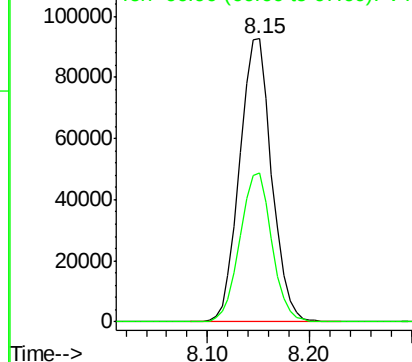
Ion Ratio Lower Upper

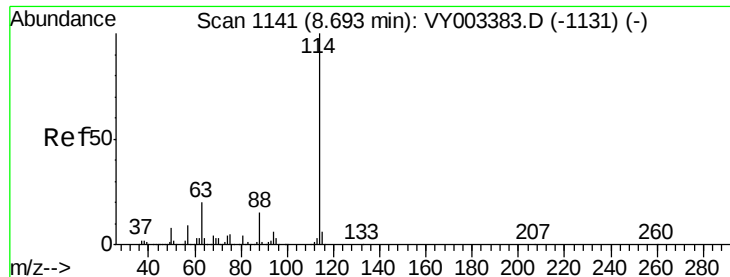
65 100

67 52.4 0.0 106.6



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

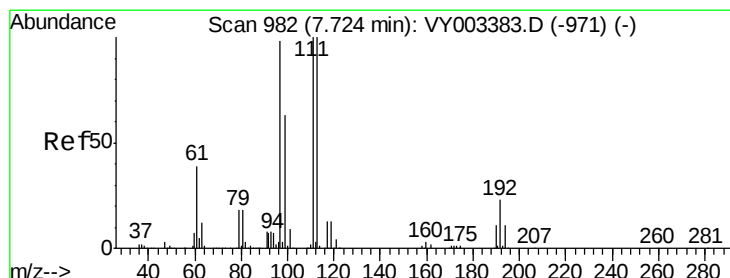
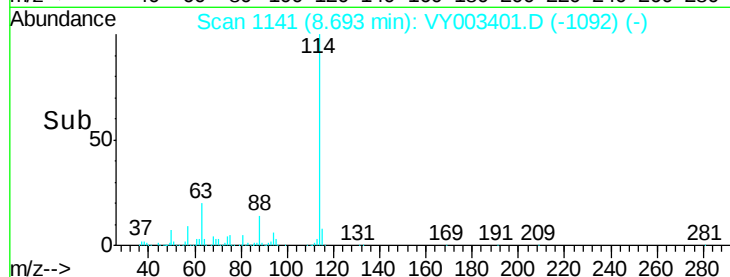
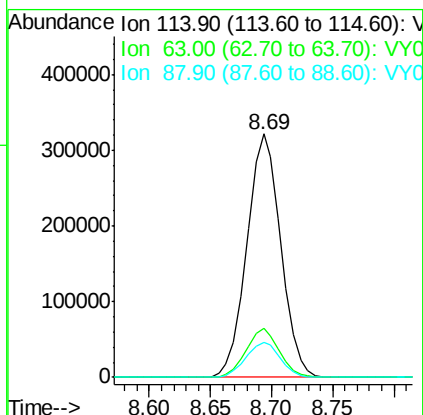
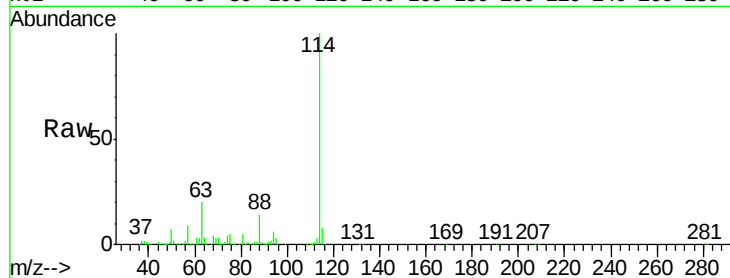




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003401.D
 Acq: 31 Jul 2020 19:57

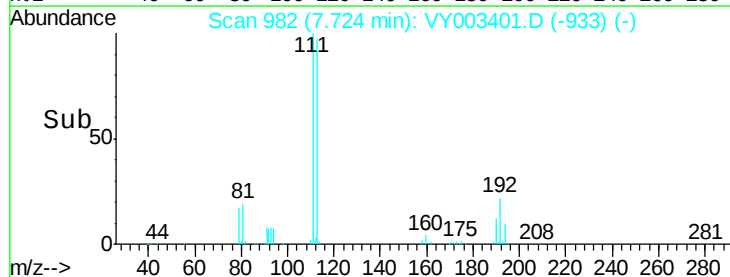
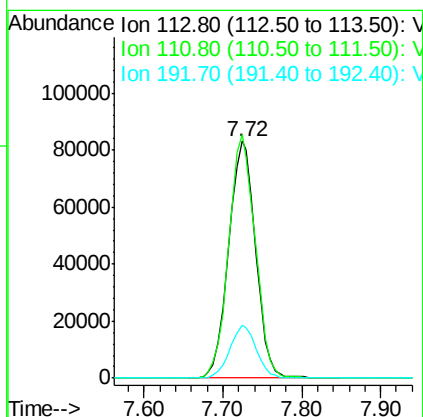
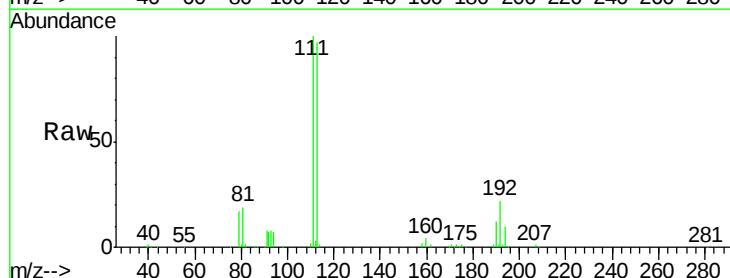
Instrument :
 MSVOA_Y
 ClientSampleId :

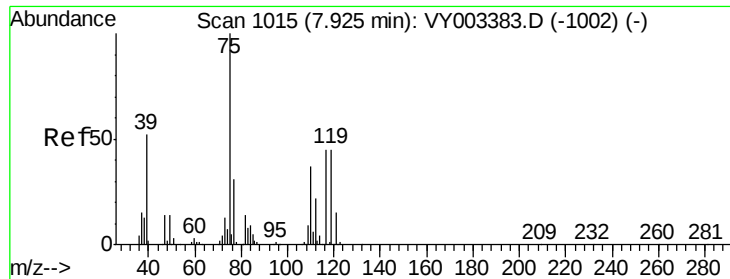
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	14.4	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 54.115 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003401.D
 Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.4
192	22.0	18.8	28.2





#36

1,1-Dichloropropene

Concen: 4.678 ug/l

RT: 7.80 min Scan# 994

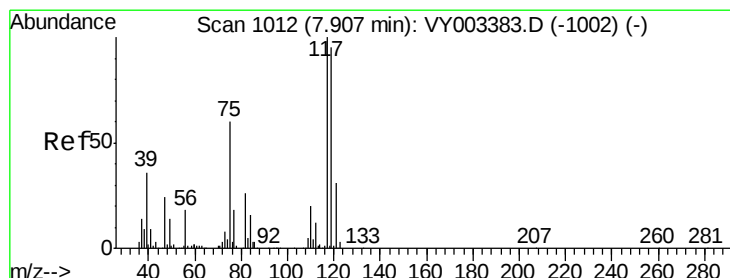
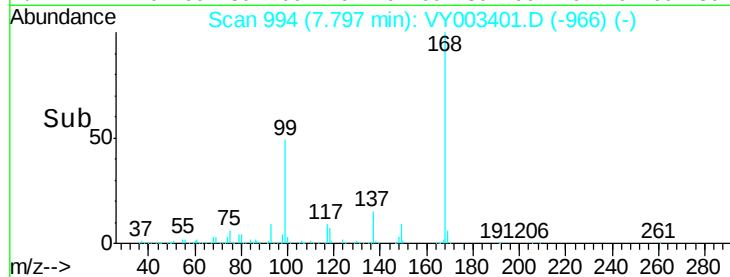
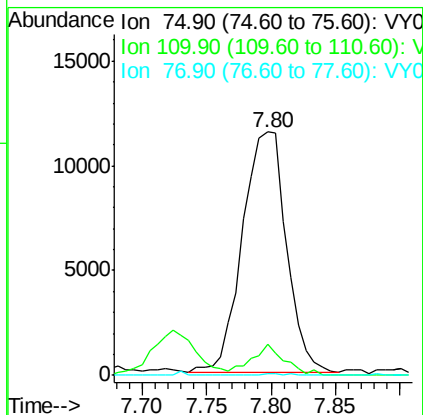
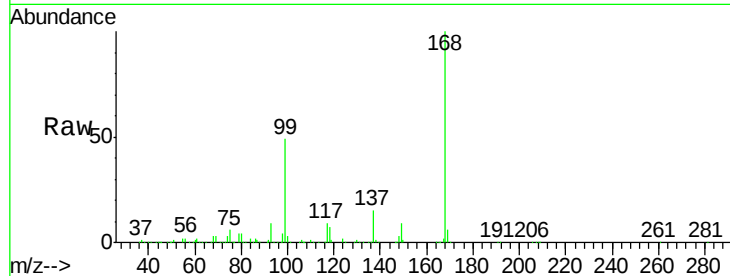
Delta R.T. -0.13 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	75	Resp:	27353
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.8	53.5#
77	0.2	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.891 ug/l

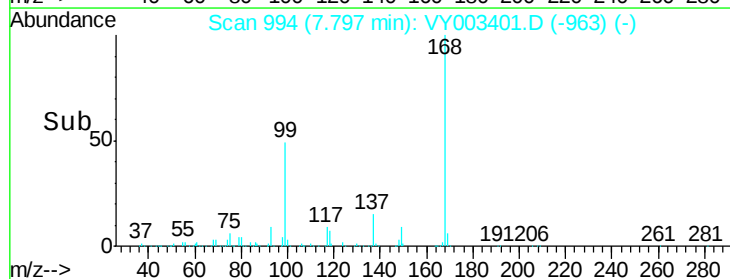
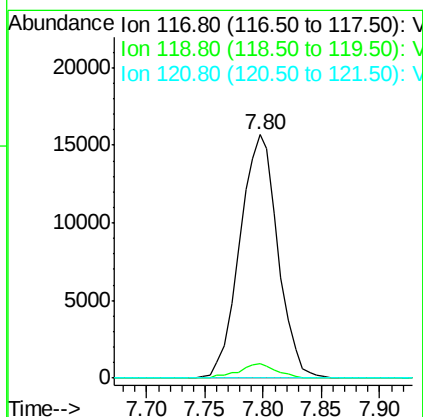
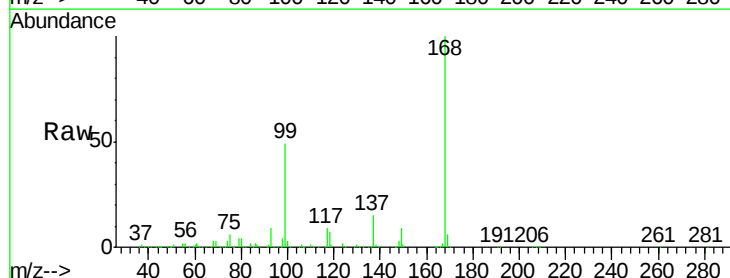
RT: 7.80 min Scan# 994

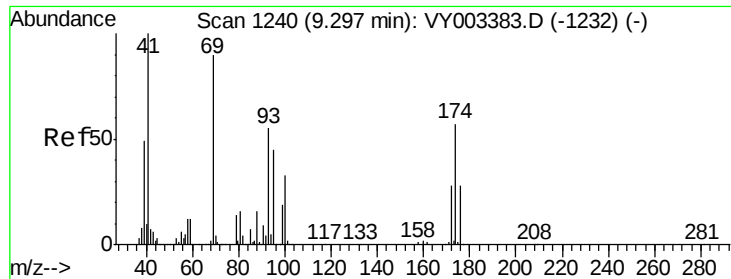
Delta R.T. -0.11 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

Tgt Ion:	117	Resp:	35444
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.1	114.1#
121	0.0	24.5	36.7#

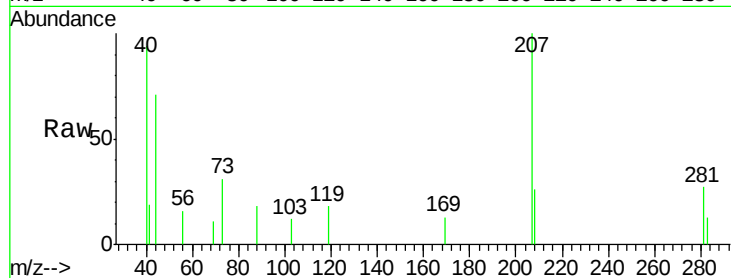




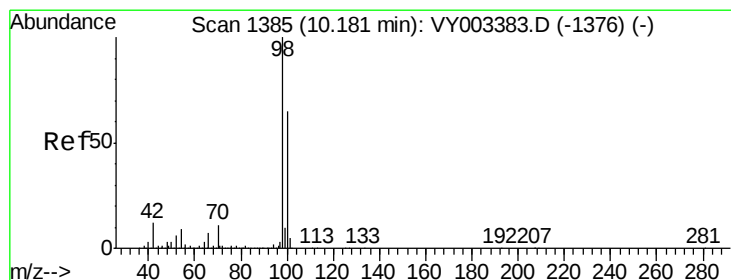
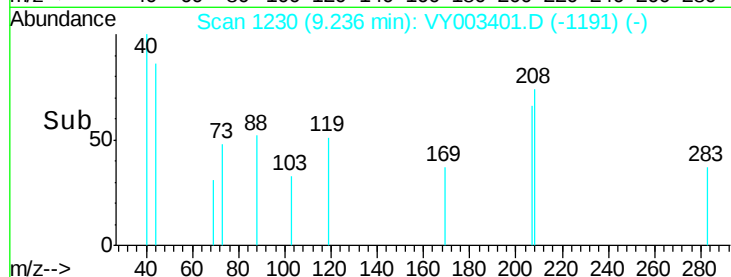
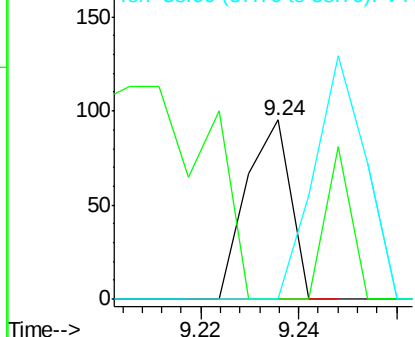
#49
1,4-Dioxane
Concen: 1.912 ug/l
RT: 9.24 min Scan# 1230
Delta R.T. -0.06 min
Lab File: VY003401.D
Acq: 31 Jul 2020 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 50.8 24.9 37.3#
58 159.3 54.3 81.5#

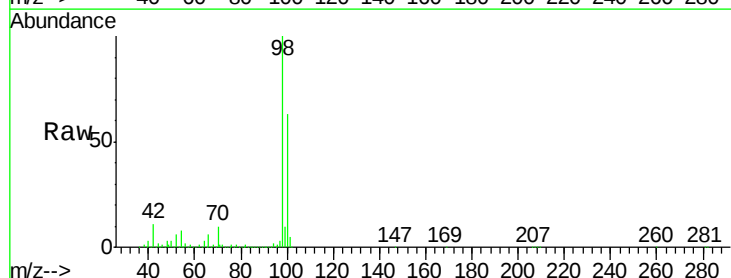


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

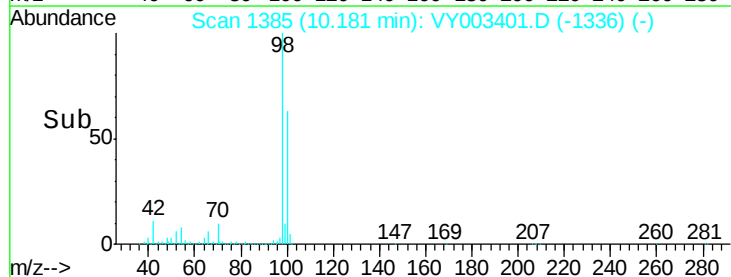
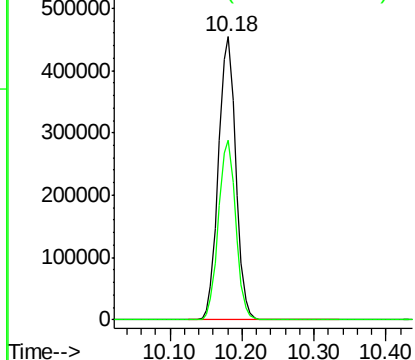


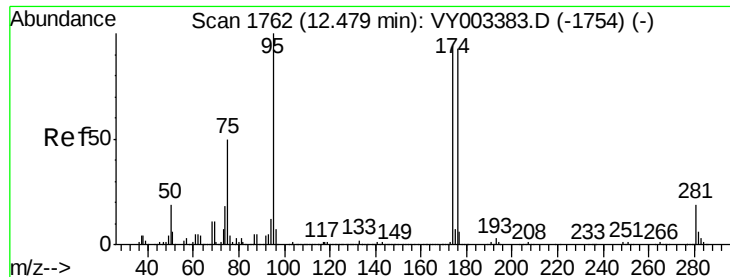
#50
Toluene-d8
Concen: 53.209 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003401.D
Acq: 31 Jul 2020 19:57

Tgt Ion: 98 Resp: 758399
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



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

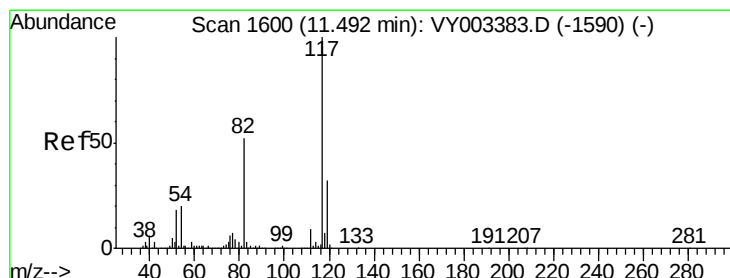
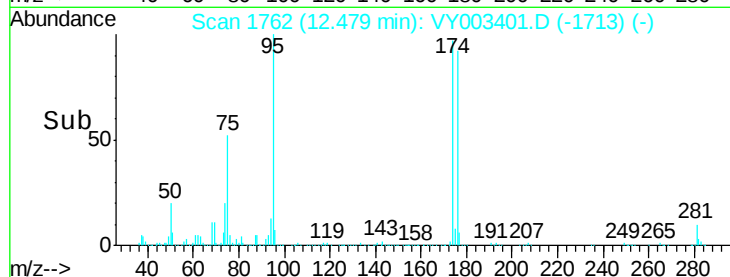
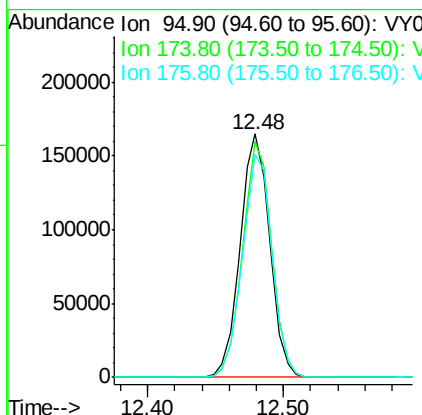
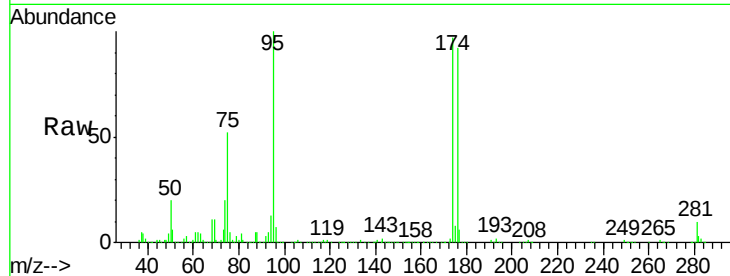




#62
4-Bromofluorobenzene
Concen: 51.139 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003401.D
Acq: 31 Jul 2020 19:57

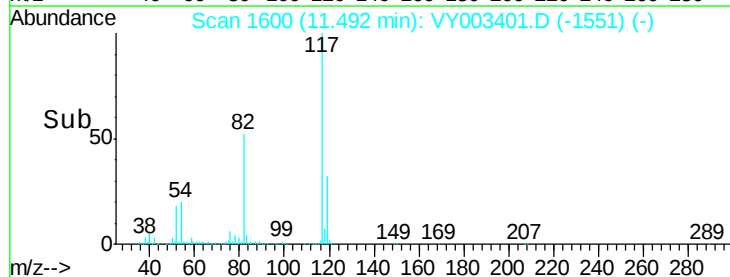
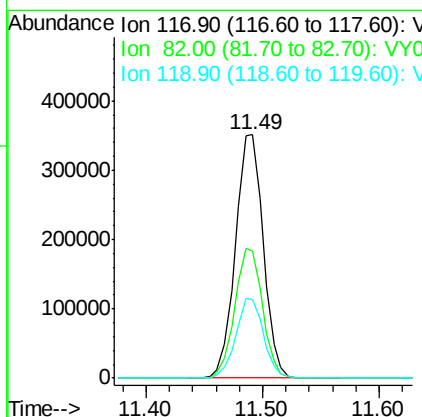
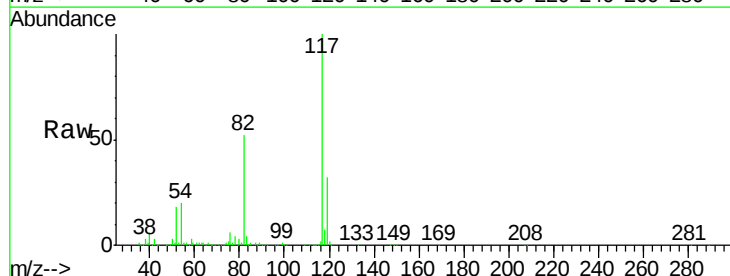
Instrument :
MSVOA_Y
ClientSampleId :

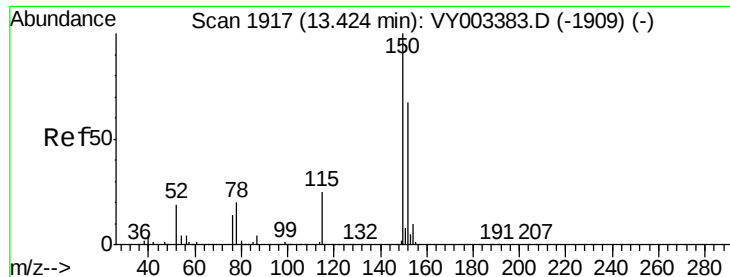
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	190.0
176	92.4	0.0	184.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003401.D
Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.9	62.9
119	32.1	25.4	38.0



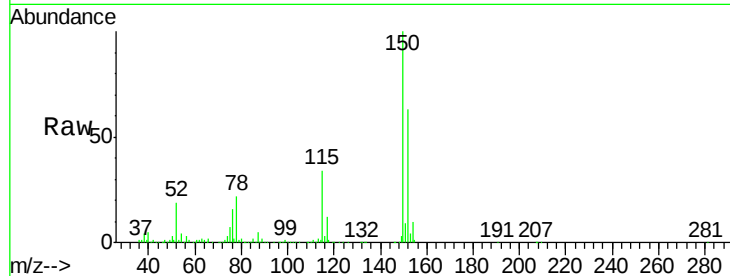


#72

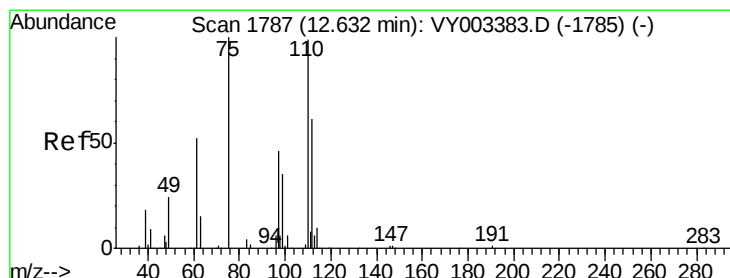
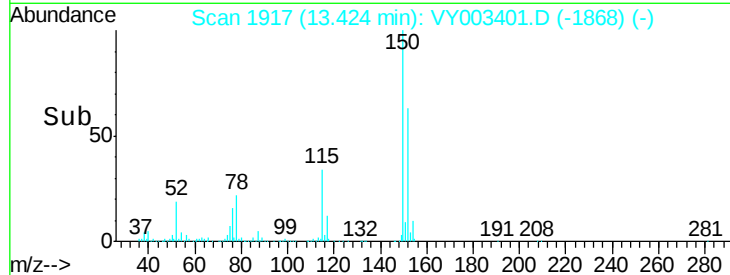
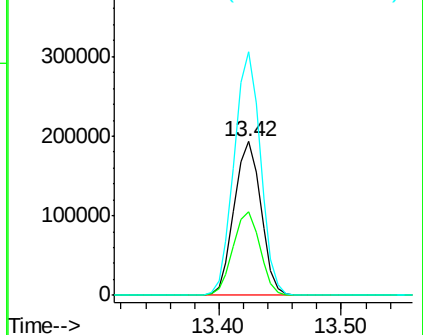
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003401.D
Acq: 31 Jul 2020 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.2	81.5
150	155.7	0.0	346.8



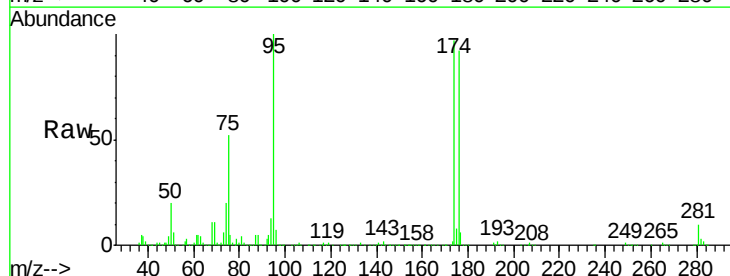
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



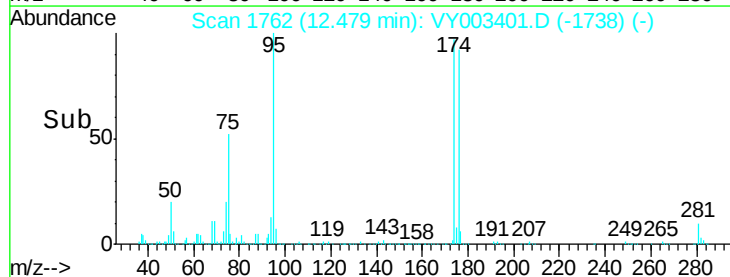
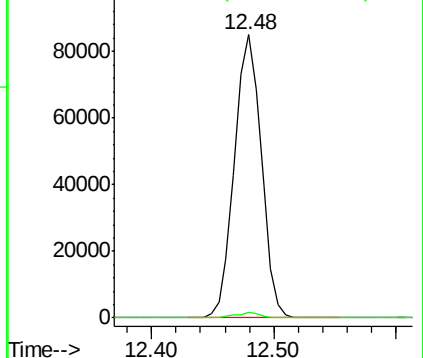
#76

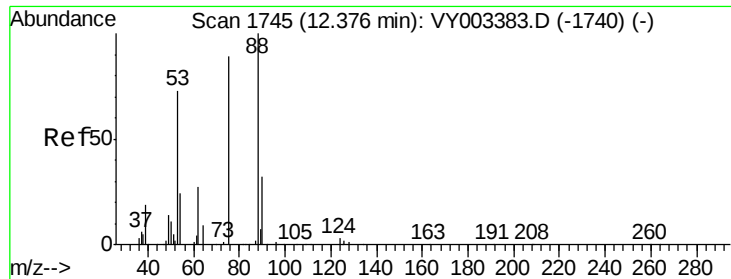
1,2,3-Trichloropropane
Concen: 49.031 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003401.D
Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	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: 92.729 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003401.D

Acq: 31 Jul 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

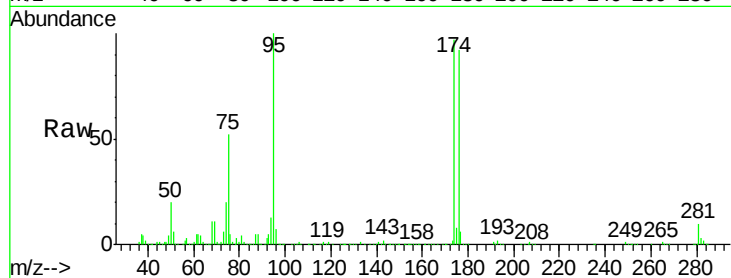
Tot Ion: 75 Resp: 129214

Ion Ratio Lower Upper

75 100

53 0.3 69.5 104.3#

89 0.2 33.8 50.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

