

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002893.D
 Acq On : 15 Jun 2020 10:35
 Operator : SY/MD
 Sample : VY0615SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBL01

Quant Time: Jun 16 01:56:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	419095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201591	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	127376	56.80	ug/l	0.00
Spiked Amount			Recovery	=	113.60%	
35) Dibromofluoromethane	7.72	113	130988	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	489959	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.48	95	170214	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	

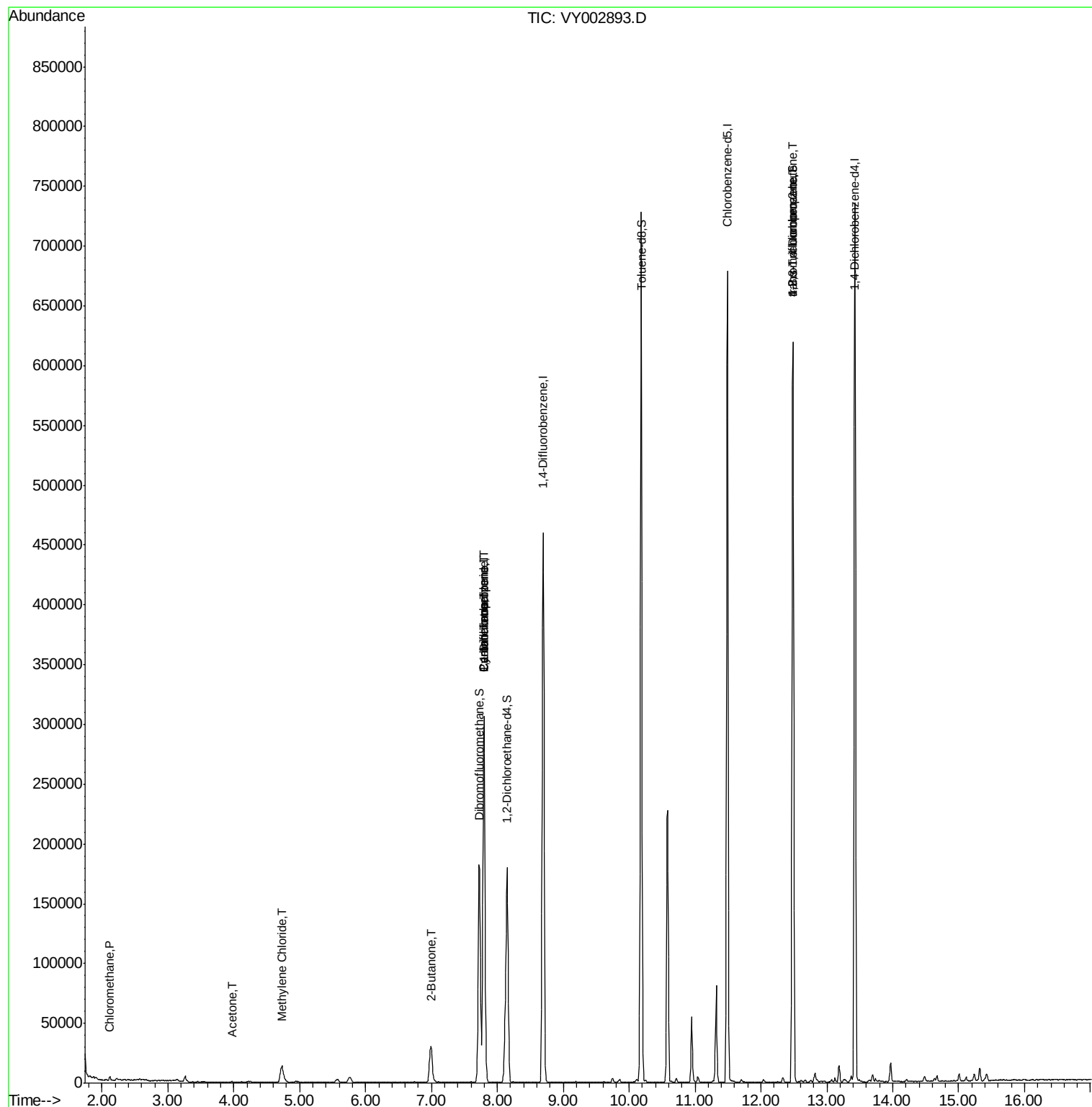
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2295	1.168	ug/l	92
11) Tert butyl alcohol	4.97	59	772	Below Cal	#	74
16) Acetone	3.97	43	1362	2.590	ug/l	92
18) Methyl Acetate	4.50	43	667	Below Cal	#	54
20) Methylene Chloride	4.72	84	10911	4.246	ug/l	95
25) 2-Butanone	6.99	43	1748	2.134	ug/l #	67
31) Cyclohexane	7.80	56	4060	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15676	4.440	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22607	5.764	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	80817	44.491	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80817	83.821	ug/l #	17

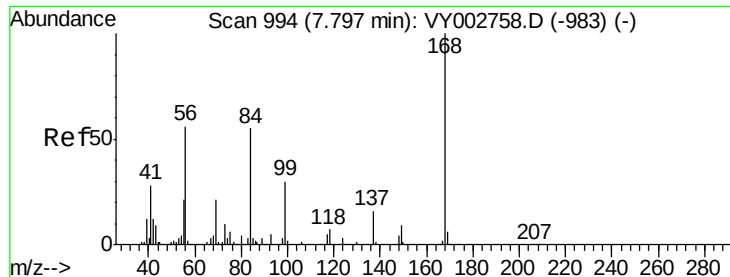
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
Data File : VY002893.D
Acq On : 15 Jun 2020 10:35
Operator : SY/MD
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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Jun 16 01:56:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 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: VY002893.D

Acq: 15 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

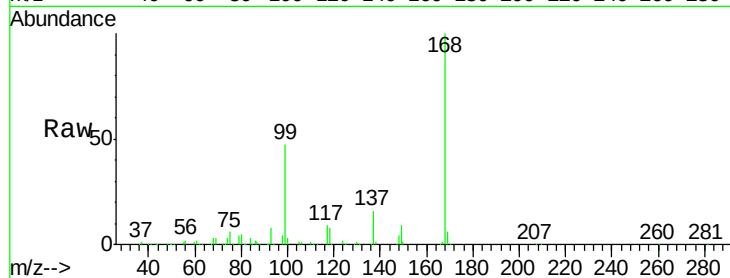
VY0615SBL01

Tot Ion:168 Resp: 258254

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

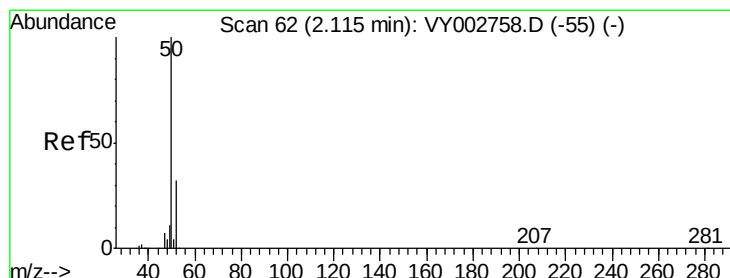
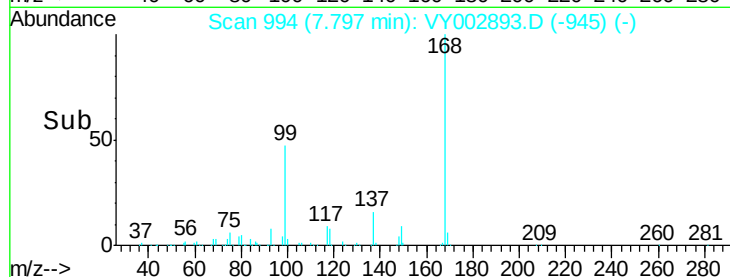
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.168 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002893.D

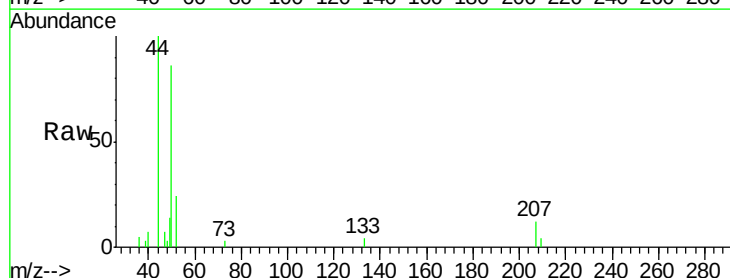
Acq: 15 Jun 2020 10:35

Tgt Ion: 50 Resp: 2295

Ion Ratio Lower Upper

50 100

52 27.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

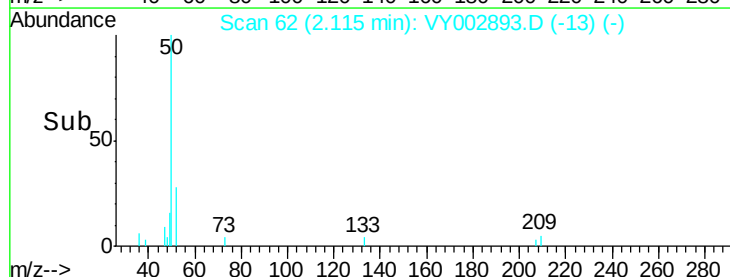
1500

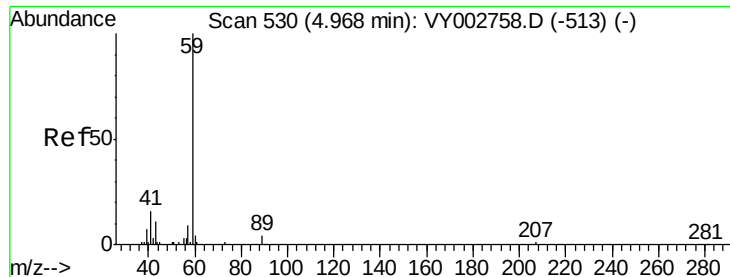
1000

500

0

Time-->



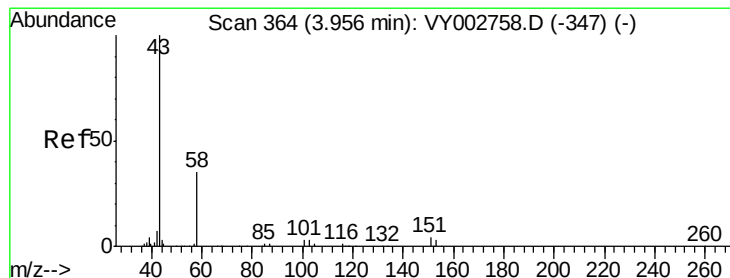
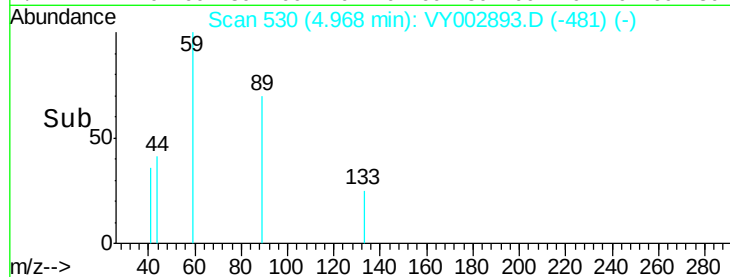
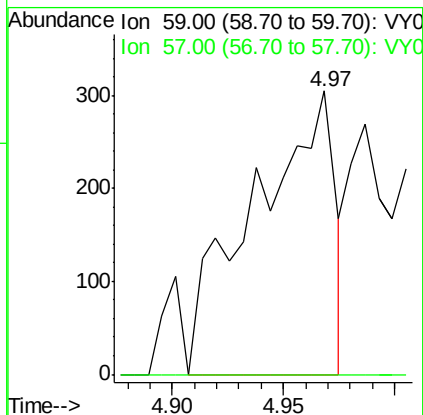
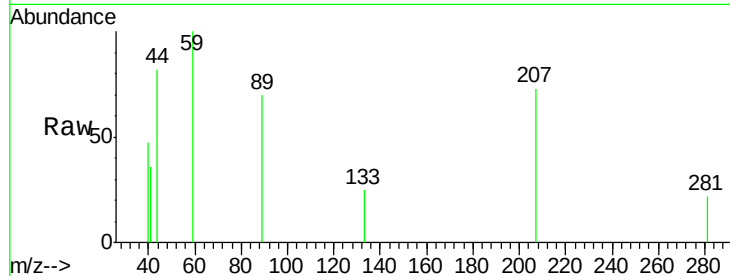


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002893.D
 Acq: 15 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBL01

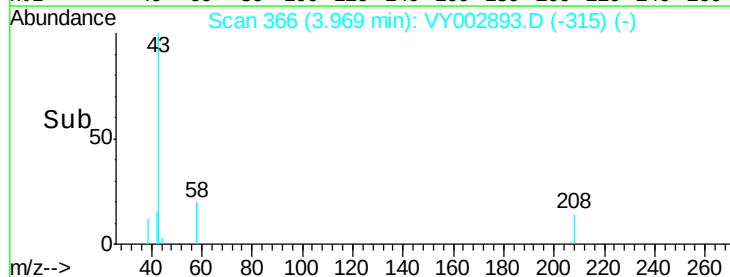
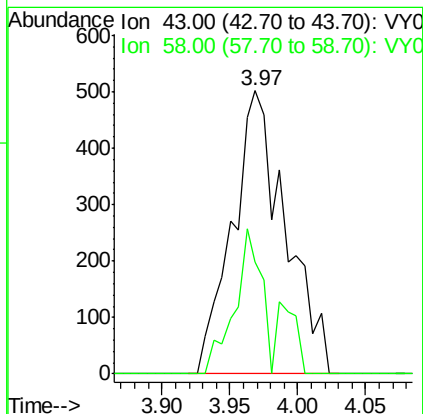
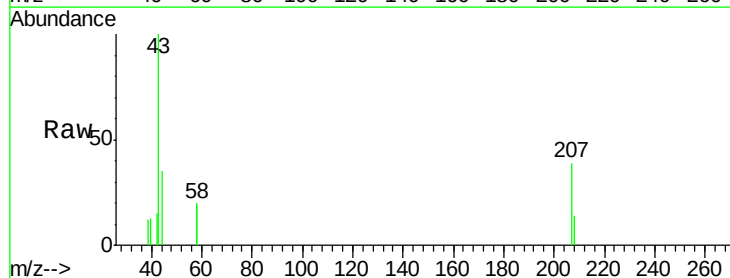
Tot Ion: 59 Resp: 772
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

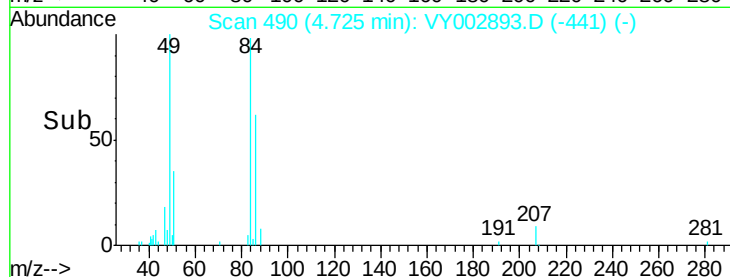
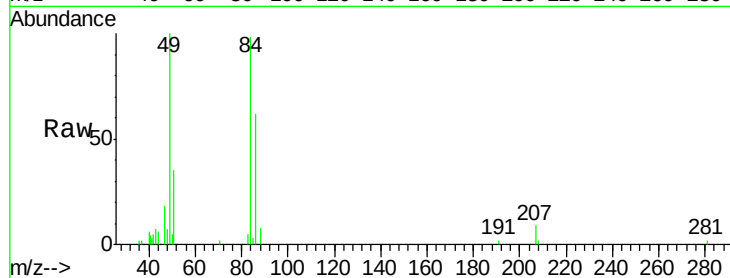
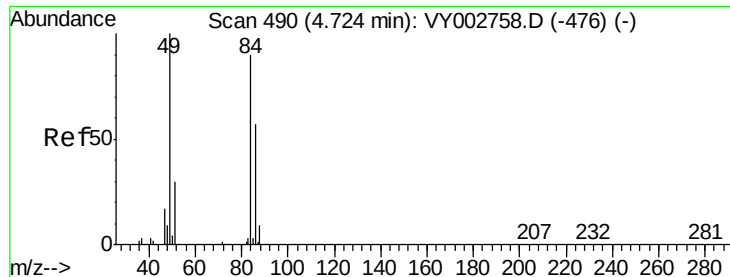


#16

Acetone
 Concen: 2.590 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VY002893.D
 Acq: 15 Jun 2020 10:35

Tgt Ion: 43 Resp: 1362
 Ion Ratio Lower Upper
 43 100
 58 39.4 27.7 41.5

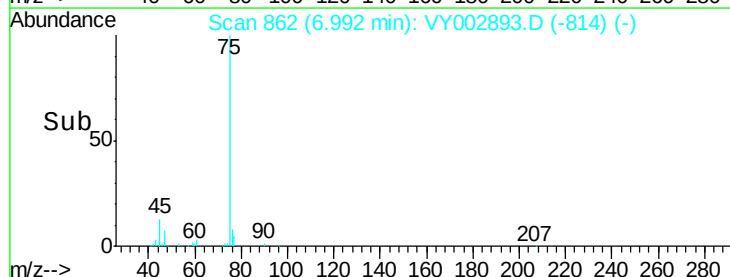
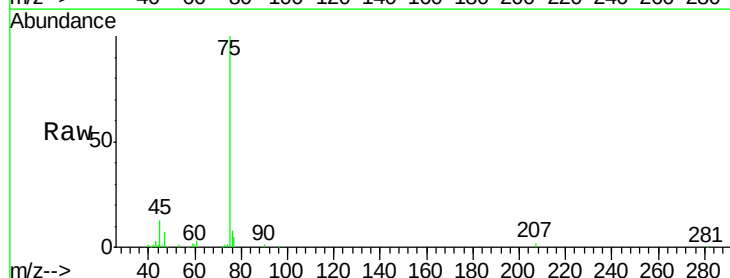
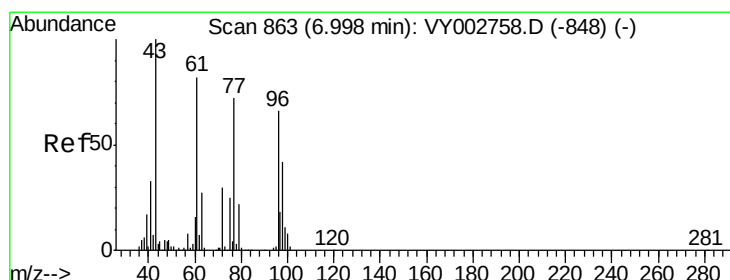
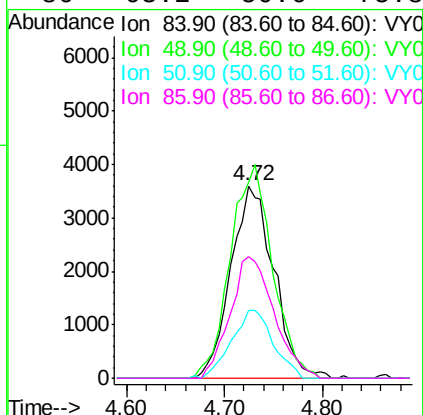




#20
Methylene Chloride
Concen: 4.246 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002893.D
Acq: 15 Jun 2020 10:35

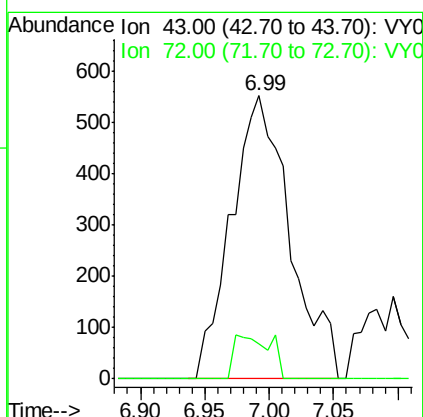
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

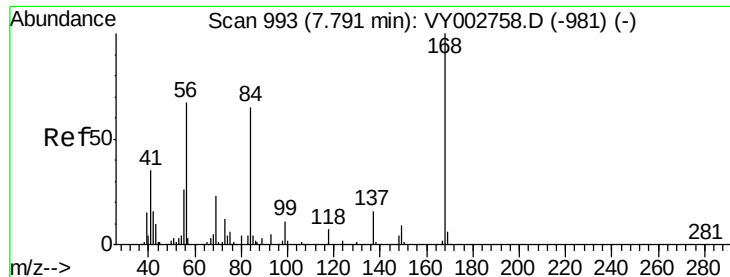
Tot Ion:	84	Resp:	10911
Ion	Ratio	Lower	Upper
84	100		
49	101.9	88.5	132.7
51	35.5	26.8	40.2
86	63.2	50.6	75.8



#25
2-Butanone
Concen: 2.134 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002893.D
Acq: 15 Jun 2020 10:35

Tgt Ion:	43	Resp:	1748
Ion	Ratio	Lower	Upper
43	100		
72	12.1	23.9	35.9#

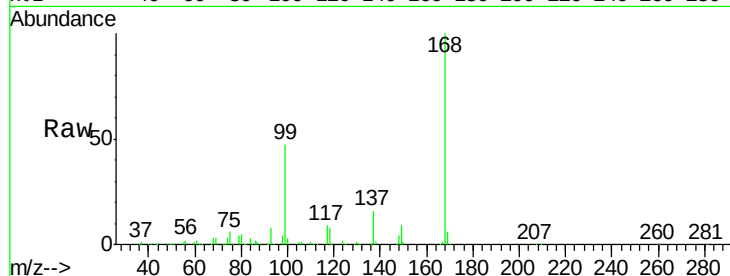




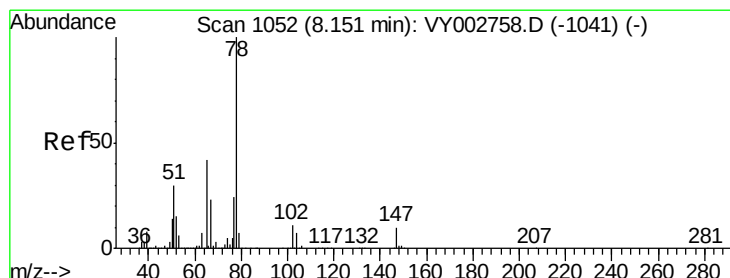
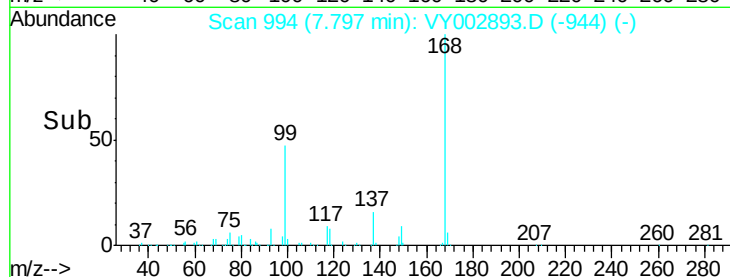
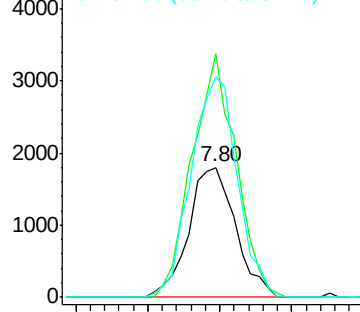
#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002893.D
Acq: 15 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

Tot Ion: 56 Resp: 4060
Ion Ratio Lower Upper
56 100
69 187.1 28.0 42.0#
84 169.1 77.7 116.5#

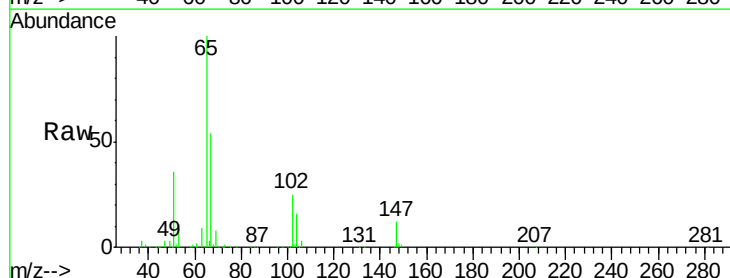


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

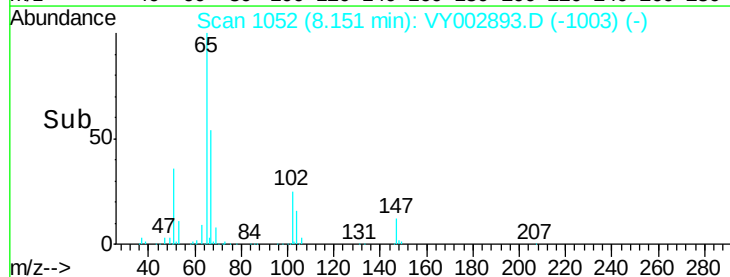
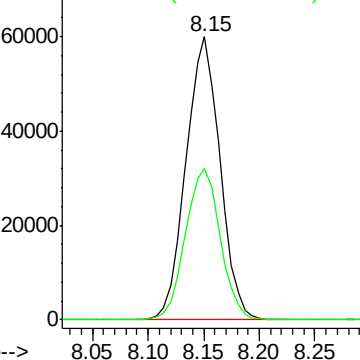


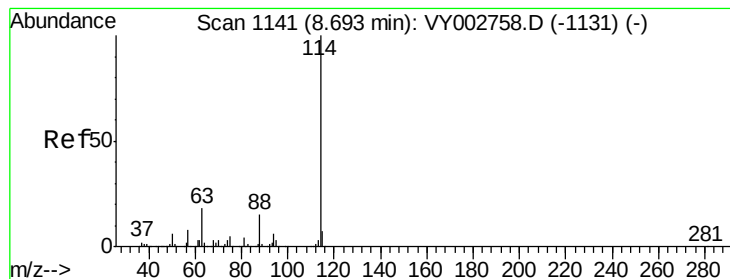
#33
1,2-Dichloroethane-d4
Concen: 56.804 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002893.D
Acq: 15 Jun 2020 10:35

Tgt Ion: 65 Resp: 127376
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.0



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. 0.00 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBL01

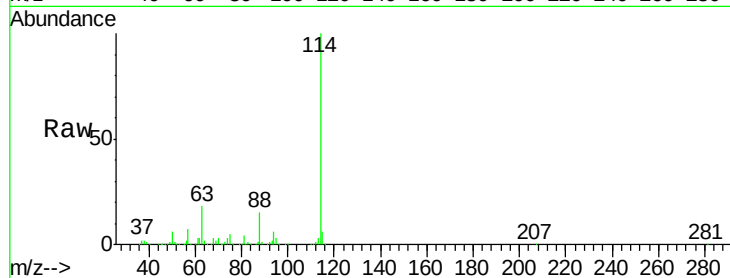
Tot Ion:114 Resp: 419095

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

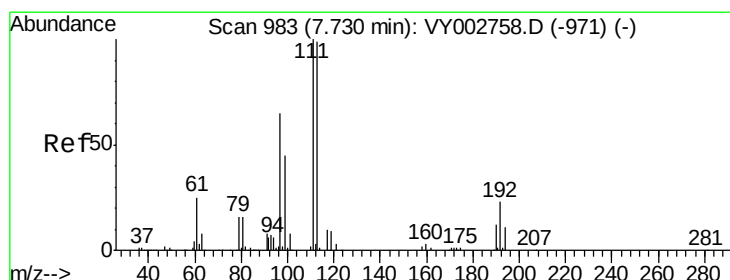
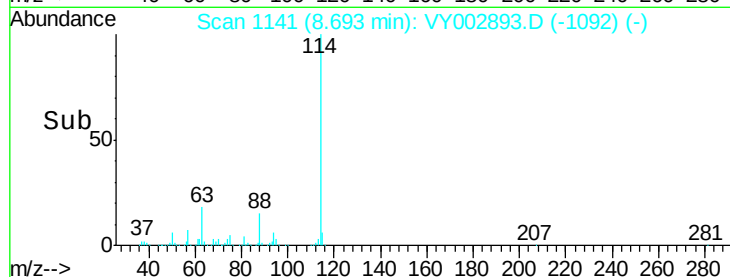
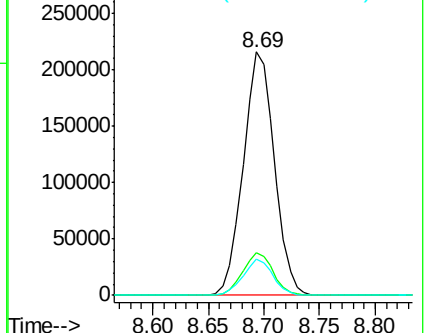
88 14.7 0.0 29.2



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: 53.332 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

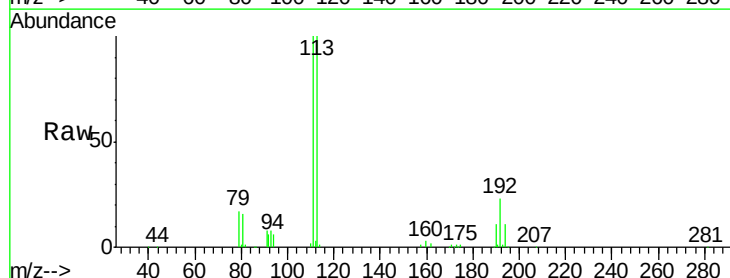
Tgt Ion:113 Resp: 130988

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

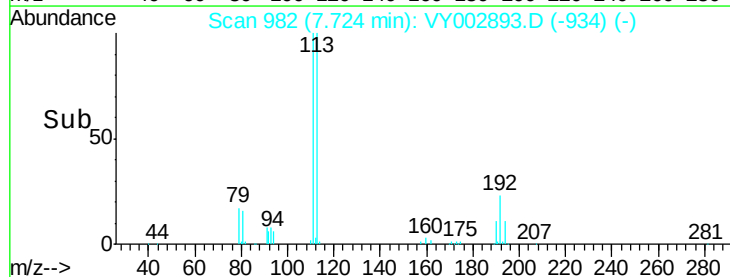
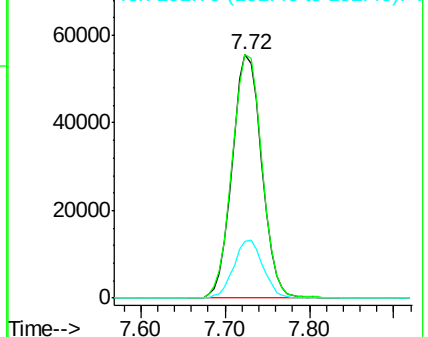
192 23.5 18.9 28.3

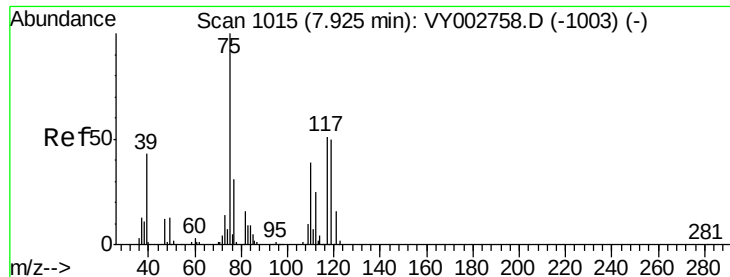


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.440 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBL01

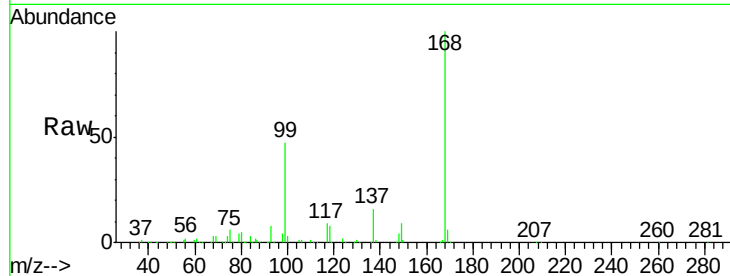
Tot Ion: 75 Resp: 15676

Ion Ratio Lower Upper

75 100

110 10.5 19.3 57.9#

77 0.0 24.8 37.2#

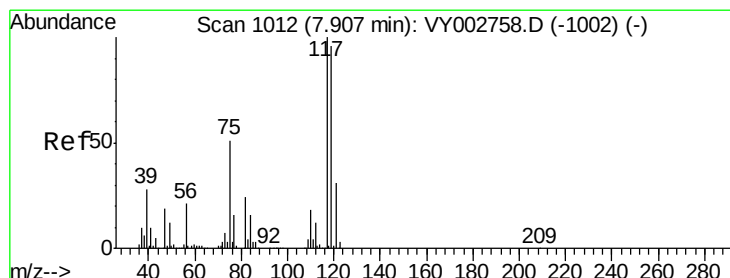
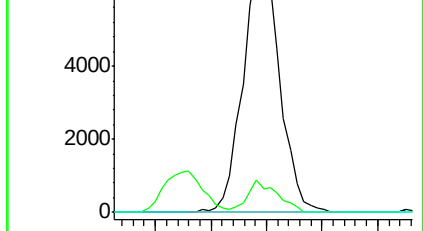
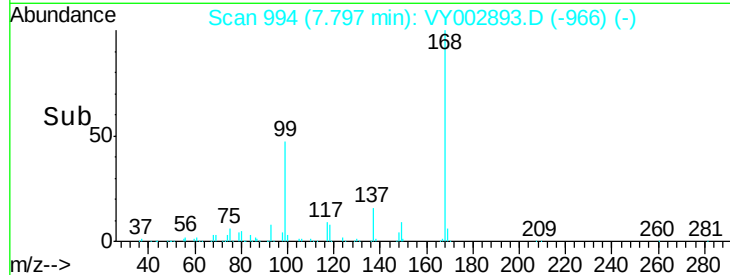


Abundance Ion 74.90 (74.60 to 75.60): VY002758.D (-1003) (-)

Ion 109.90 (109.60 to 110.60): VY002758.D (-1003) (-)

Ion 76.90 (76.60 to 77.60): VY002758.D (-1003) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.764 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

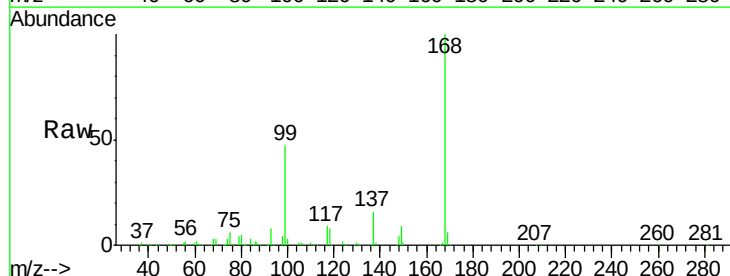
Tgt Ion: 117 Resp: 22607

Ion Ratio Lower Upper

117 100

119 4.8 76.8 115.2#

121 0.0 24.8 37.2#

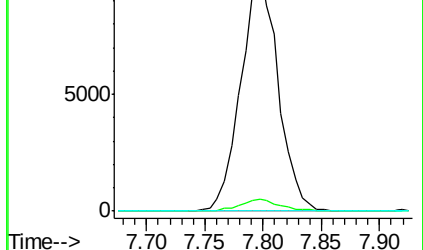
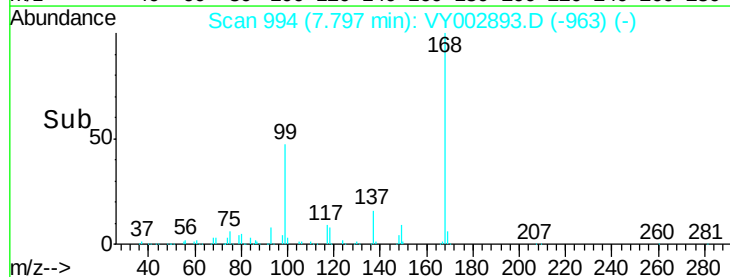


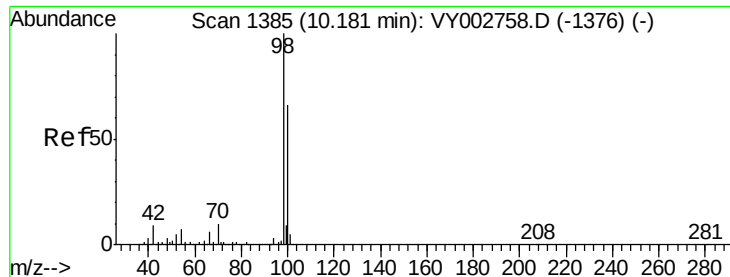
Abundance Ion 116.80 (116.50 to 117.50): VY002758.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY002758.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY002758.D (-1002) (-)

Time-->





#50

Toluene-d8

Concen: 49.338 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

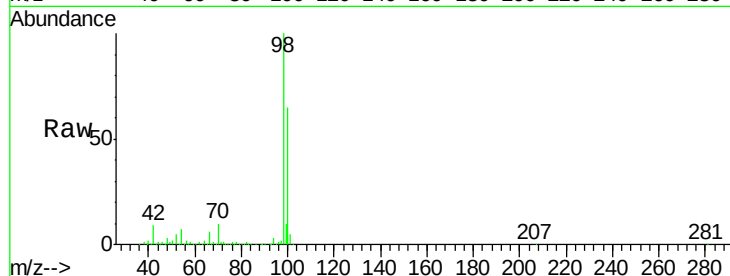
VY0615SBL01

Tot Ion: 98 Resp: 489959

Ion Ratio Lower Upper

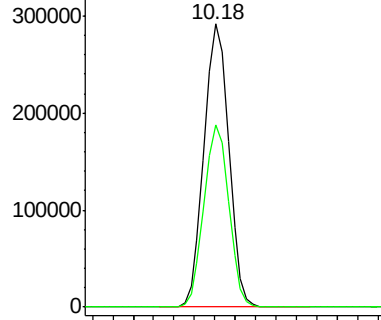
98 100

100 64.4 52.2 78.2

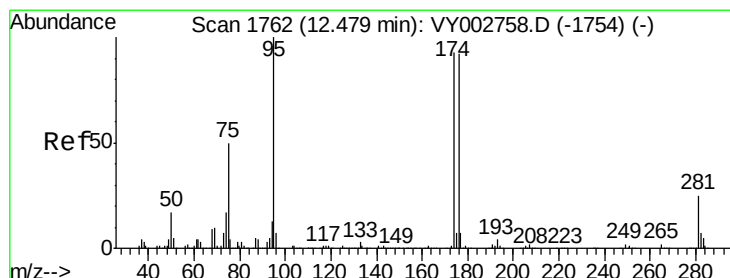
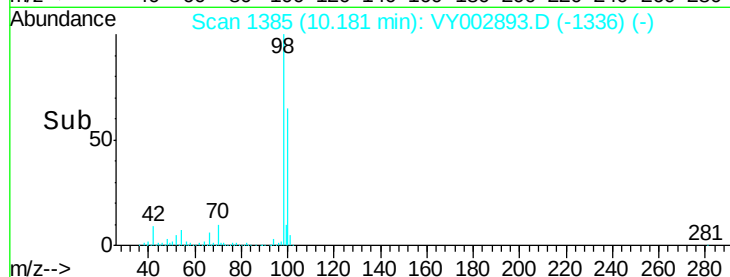


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 50.154 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

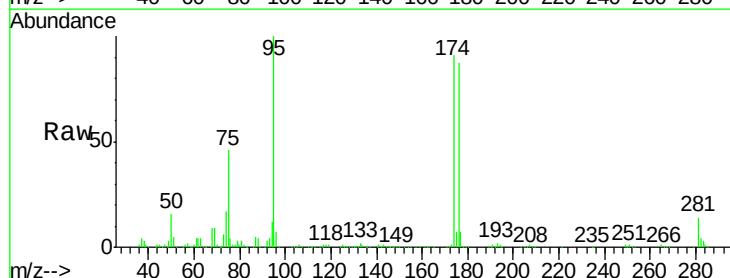
Tgt Ion: 95 Resp: 170214

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.2

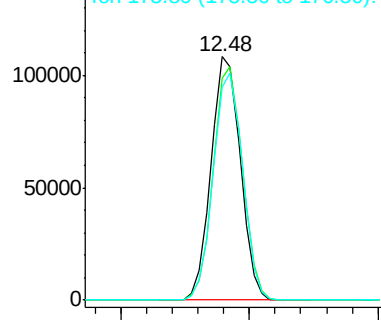
176 93.6 0.0 188.8



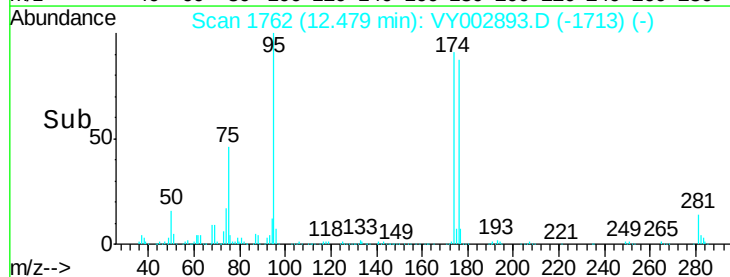
Abundance Ion 94.90 (94.60 to 95.60): VY0

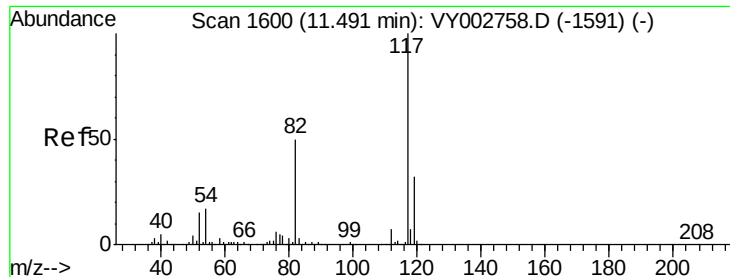
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

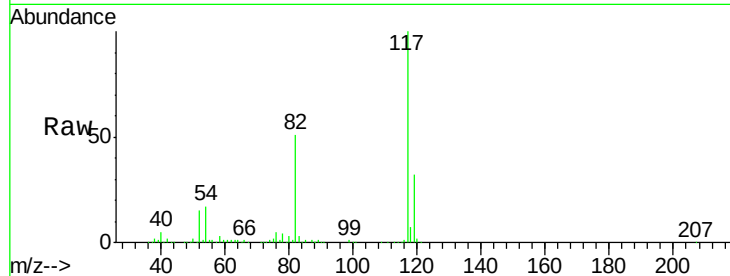




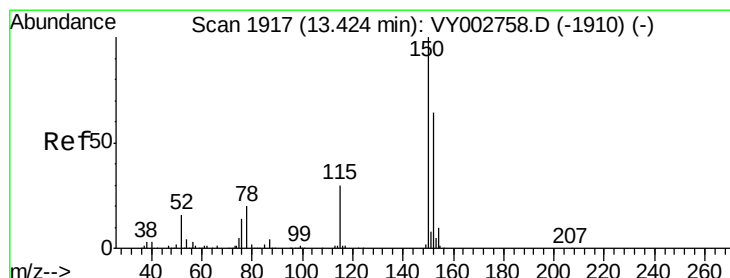
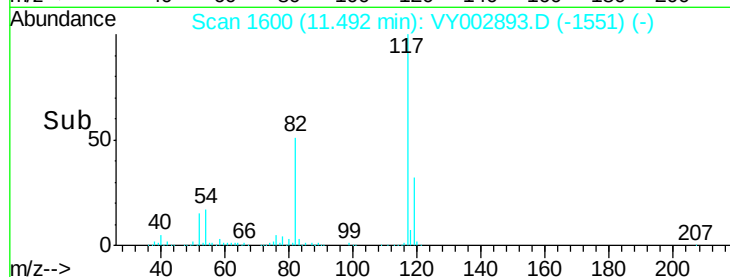
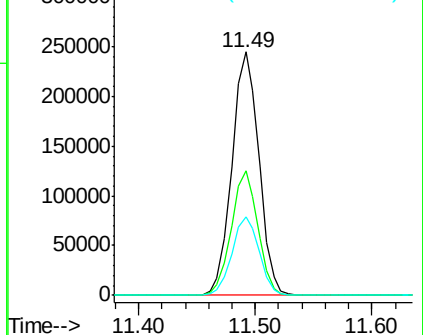
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002893.D
Acq: 15 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.2	60.4
119	32.4	25.8	38.8

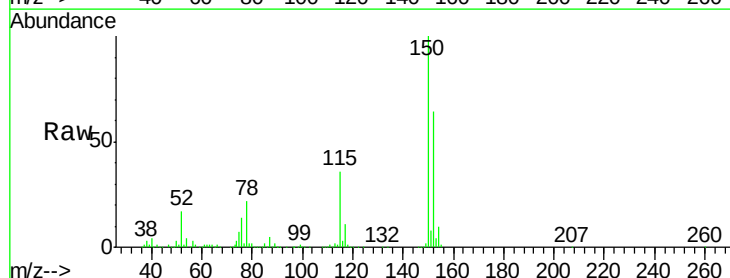


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

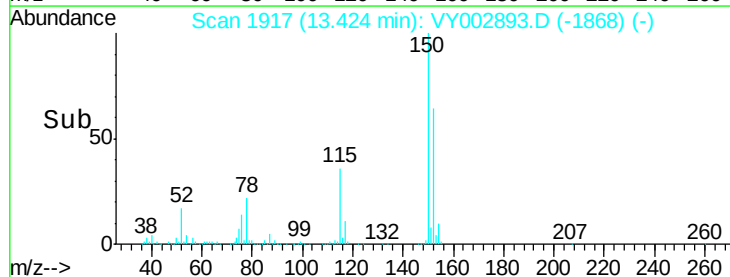
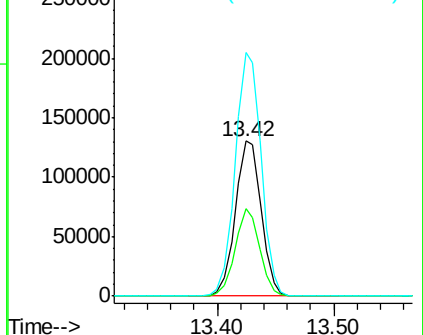


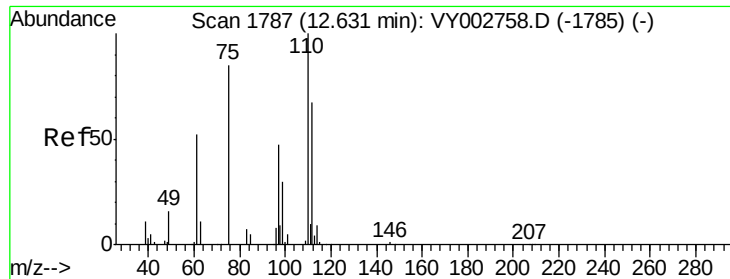
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002893.D
Acq: 15 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.0	81.0
150	157.3	0.0	344.8



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: 44.491 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

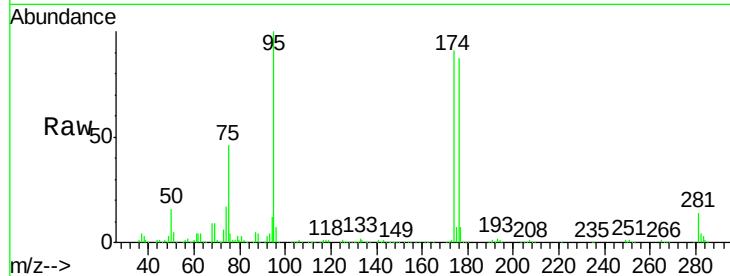
VY0615SBL01

Tot Ion: 75 Resp: 80817

Ion Ratio Lower Upper

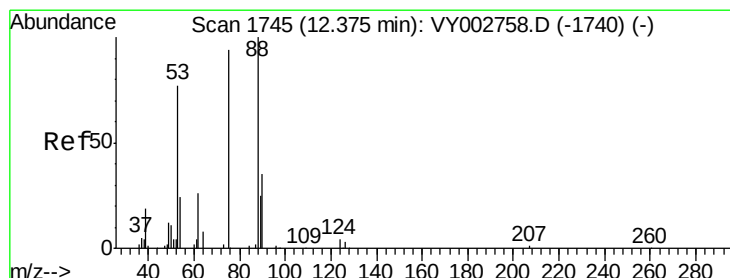
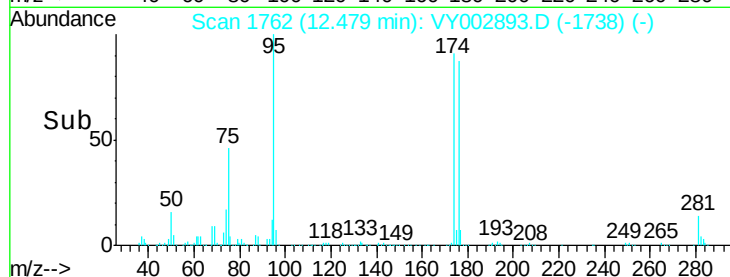
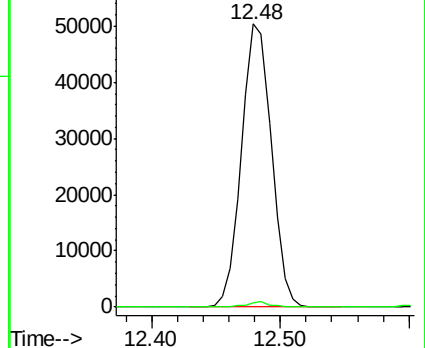
75 100

77 1.5 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: 83.821 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002893.D

Acq: 15 Jun 2020 10:35

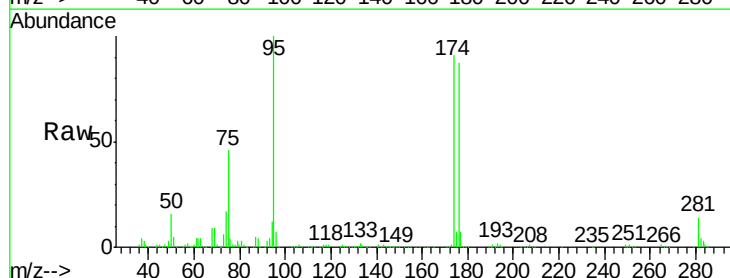
Tgt Ion: 75 Resp: 80817

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.4 37.4 56.2#



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

