

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066637.D
 Acq On : 11 Sep 2020 03:07
 Operator : VA/SY
 Sample : L3937-06
 Misc : 6.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-DUP-9-8-2020

Quant Time: Sep 11 03:24:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	354359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	646374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	605284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260587	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	231524	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
35) Dibromofluoromethane	7.91	113	216455	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
50) Toluene-d8	10.34	98	795351	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.63	95	253142	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

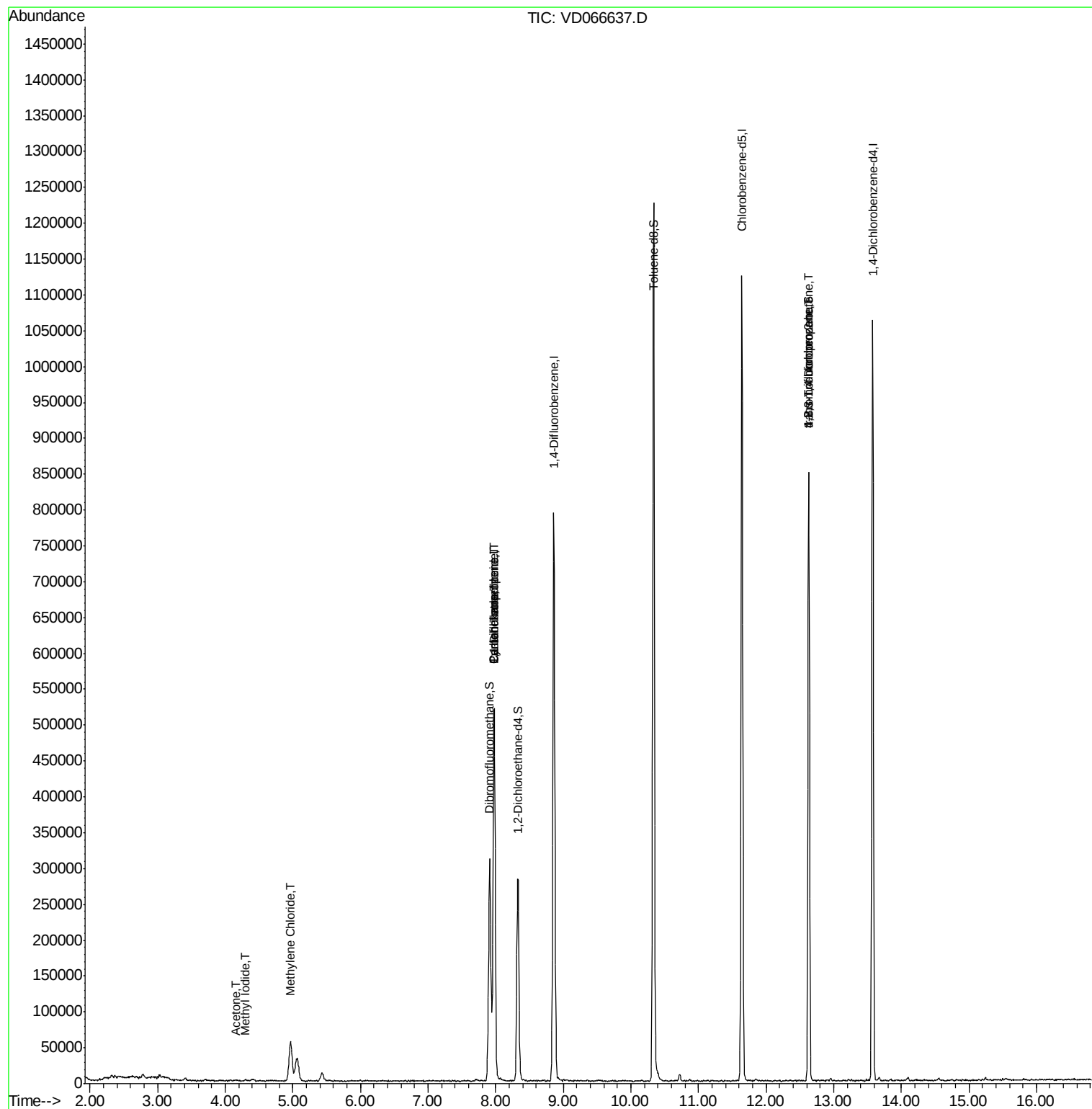
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	353	Below Cal	#	53
5) Bromomethane	2.78	94	2991	Below Cal	#	82
10) Methyl Iodide	4.29	142	1713	4.458	ug/l #	35
16) Acetone	4.16	43	2736	3.468	ug/l #	46
20) Methylene Chloride	4.97	84	43180	3.948	ug/l	96
31) Cyclohexane	7.97	56	10772	1.540	ug/l #	12
36) 1,1-Dichloropropene	7.98	75	34204	5.085	ug/l #	49
38) Carbon Tetrachloride	7.98	117	39148	5.506	ug/l #	19
76) 1,2,3-Trichloropropane	12.63	75	145244	57.955	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	145244	135.305	ug/l #	7

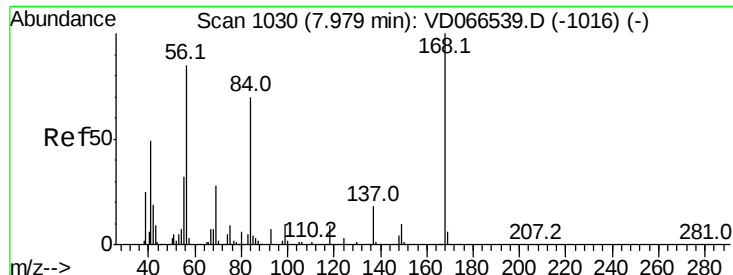
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

Instrument :

MSVOA_D

ClientSampleId :

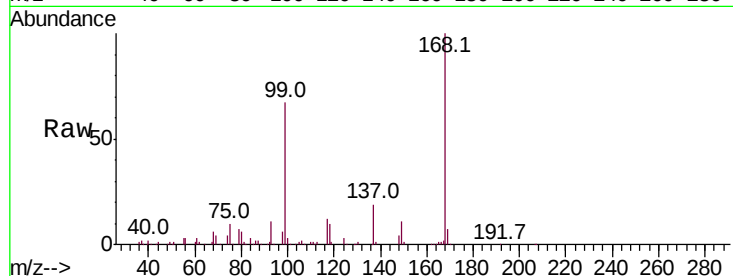
BSY-SB-DUP-9-8-2020

Tot Ion:168 Resp: 354359

Ion Ratio Lower Upper

168 100

99 66.8 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

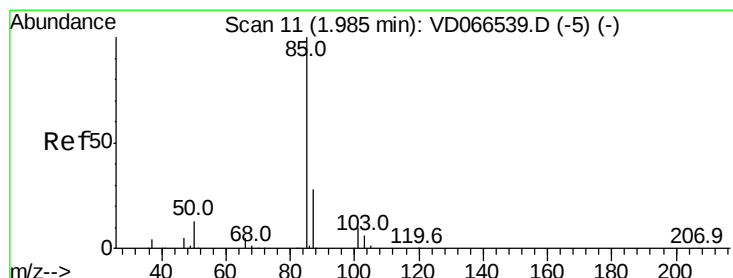
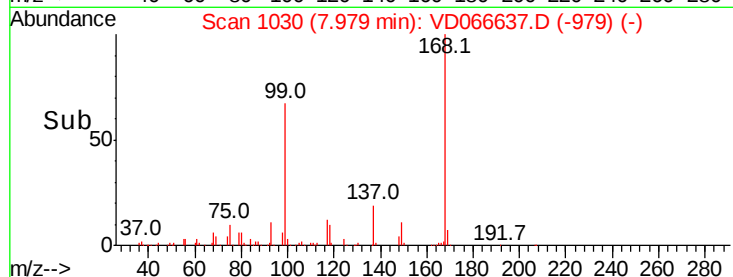
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066637.D

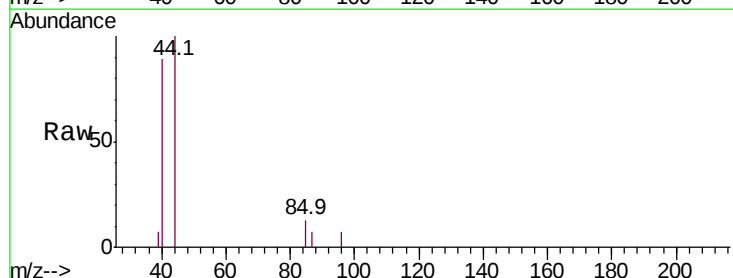
Acq: 11 Sep 2020 03:07

Tgt Ion: 85 Resp: 353

Ion Ratio Lower Upper

85 100

87 53.3 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

400

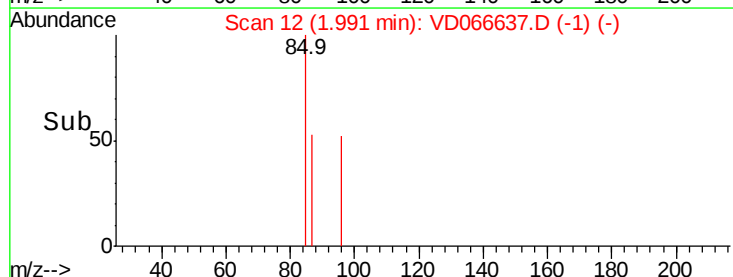
300

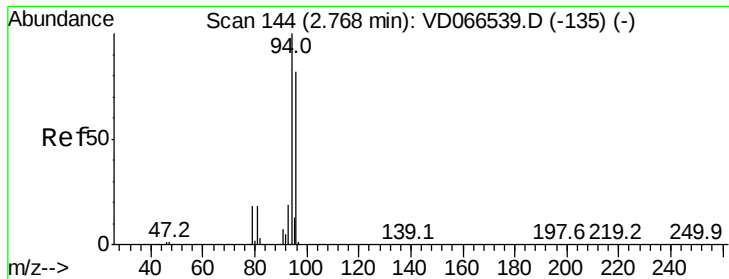
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

Instrument :

MSVOA_D

ClientSampleId :

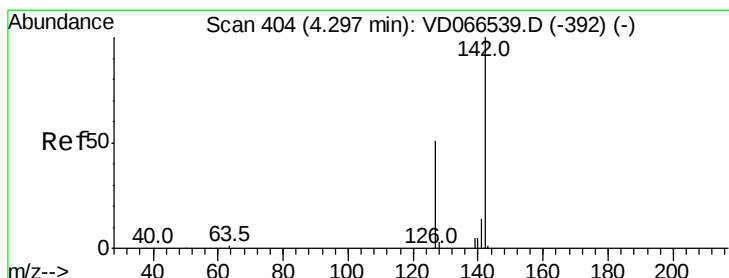
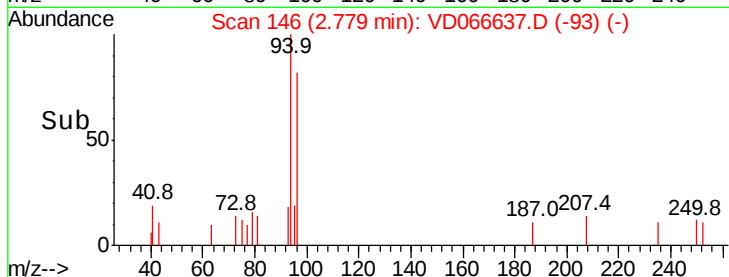
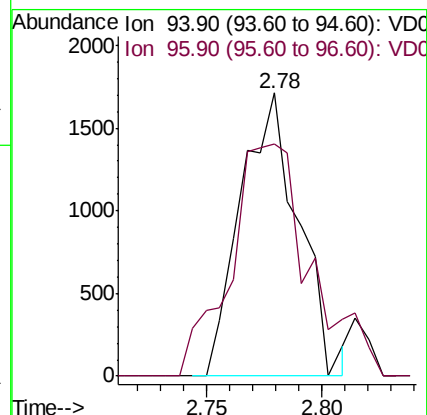
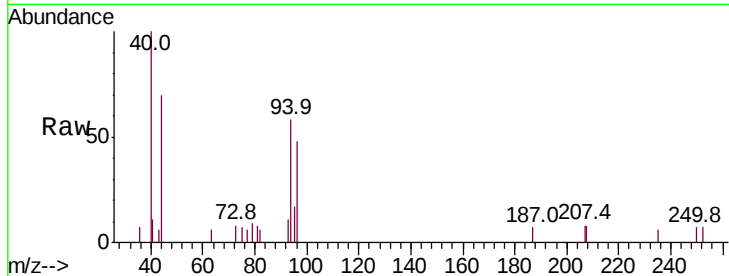
BSY-SB-DUP-9-8-2020

Tot Ion: 94 Resp: 2991

Ion Ratio Lower Upper

94 100

96 65.1 65.2 97.8#



#10

Methyl Iodide

Concen: 4.458 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

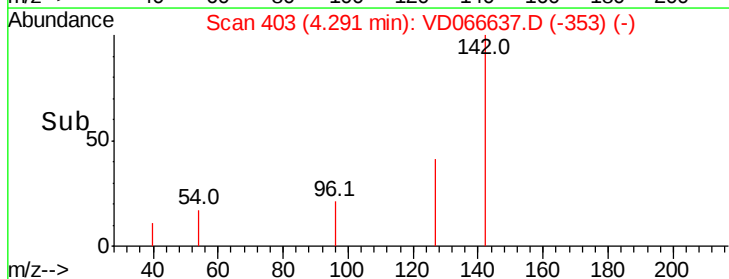
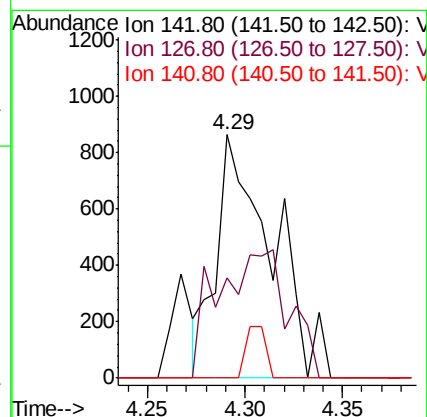
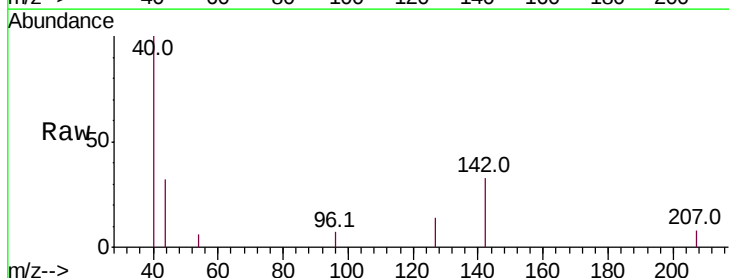
Tgt Ion: 142 Resp: 1713

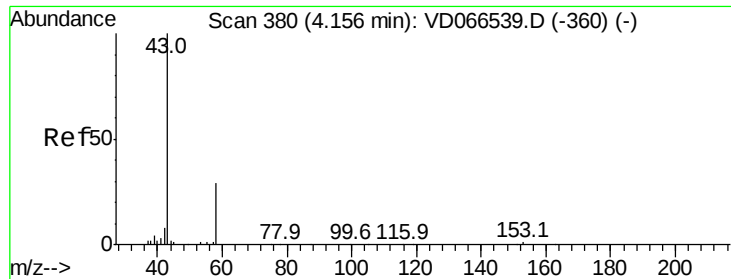
Ion Ratio Lower Upper

142 100

127 0.0 40.6 61.0#

141 0.0 12.2 18.4#





#16

Acetone

Concen: 3.468 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

Instrument :

MSVOA_D

ClientSampleId :

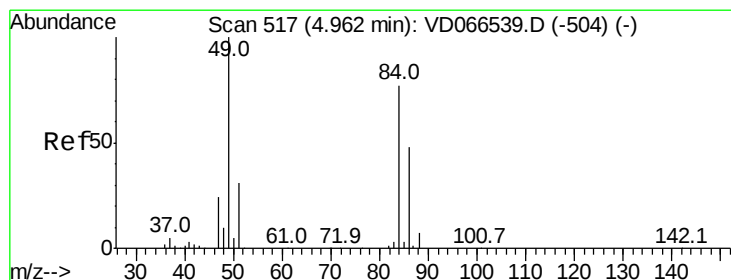
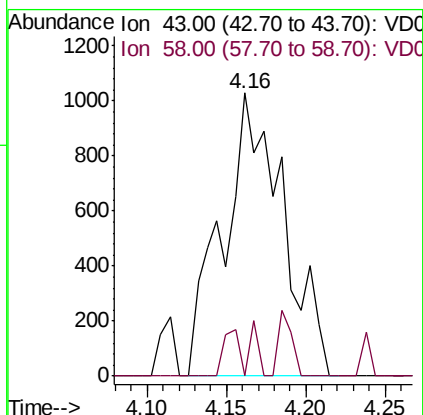
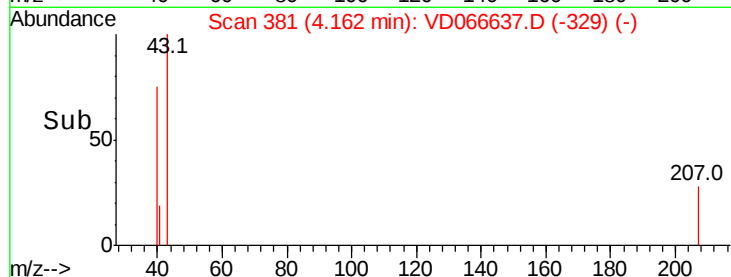
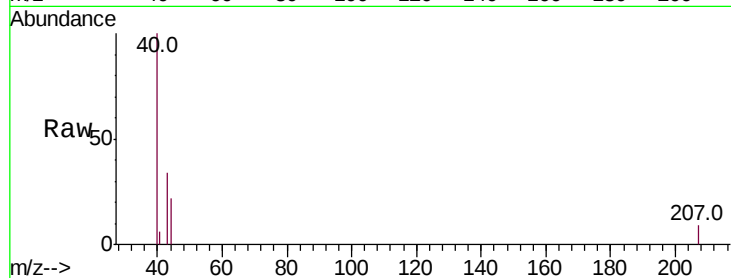
BSY-SB-DUP-9-8-2020

Tot Ion: 43 Resp: 2736

Ion Ratio Lower Upper

43 100

58 0.0 22.9 34.3#



#20

Methylene Chloride

Concen: 3.948 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

Tgt Ion: 84 Resp: 43180

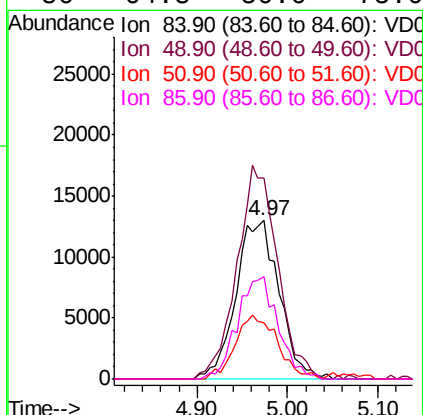
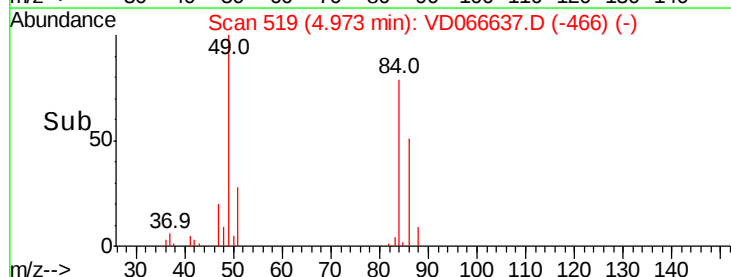
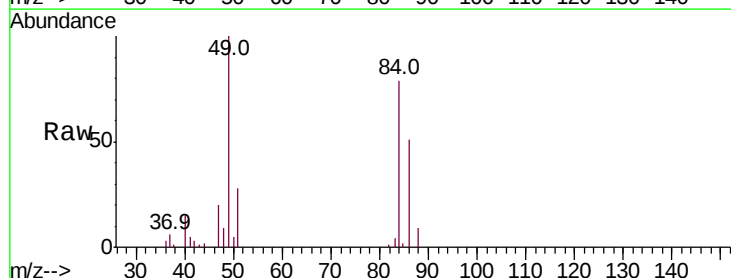
Ion Ratio Lower Upper

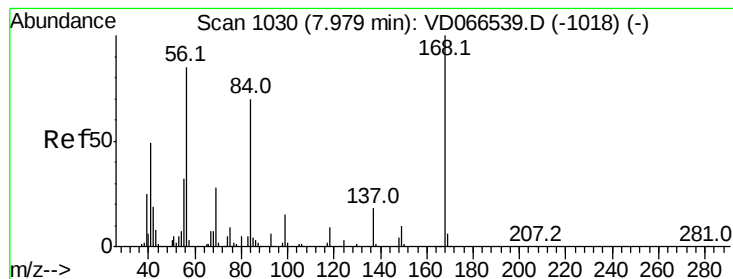
84 100

49 126.6 104.3 156.5

51 35.9 32.2 48.4

86 64.8 50.0 75.0





#31

Cyclohexane

Concen: 1.540 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

Instrument :

MSVOA_D

ClientSampleId :

BSY-SB-DUP-9-8-2020

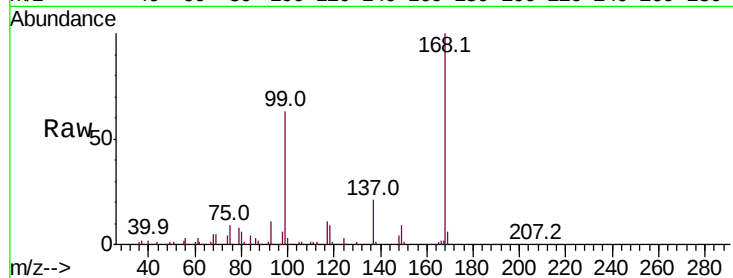
Tot Ion: 56 Resp: 10772

Ion Ratio Lower Upper

56 100

69 143.5 26.3 39.5#

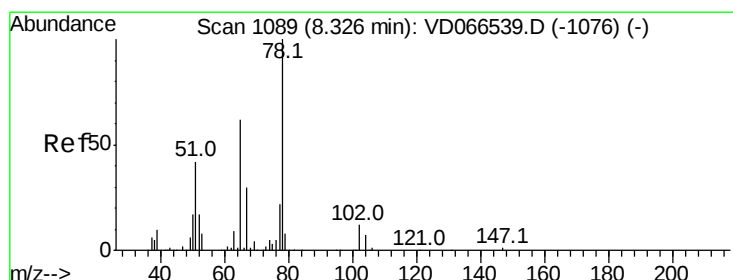
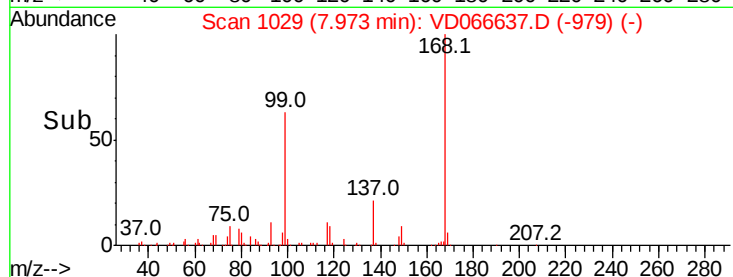
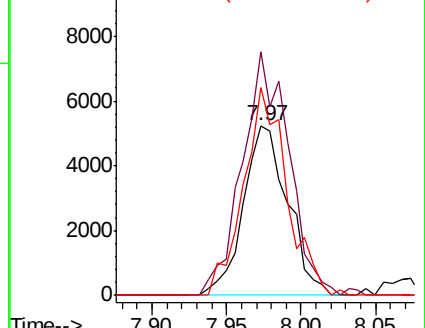
84 122.7 66.1 99.1#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.001 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066637.D

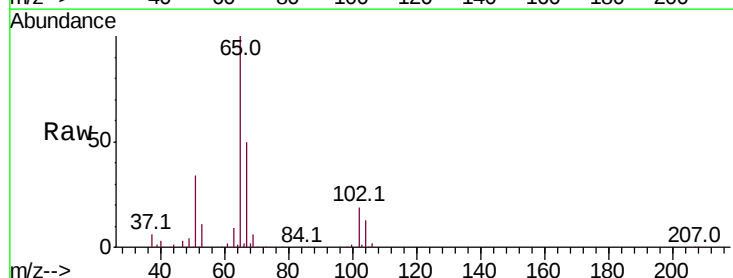
Acq: 11 Sep 2020 03:07

Tgt Ion: 65 Resp: 231524

Ion Ratio Lower Upper

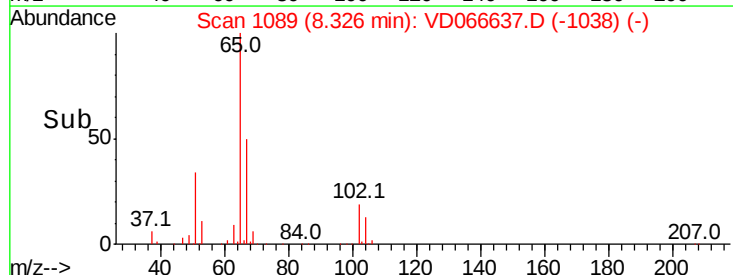
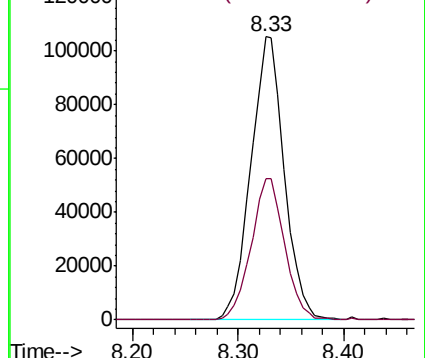
65 100

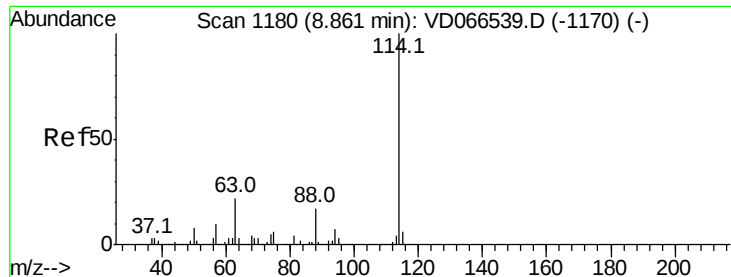
67 50.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

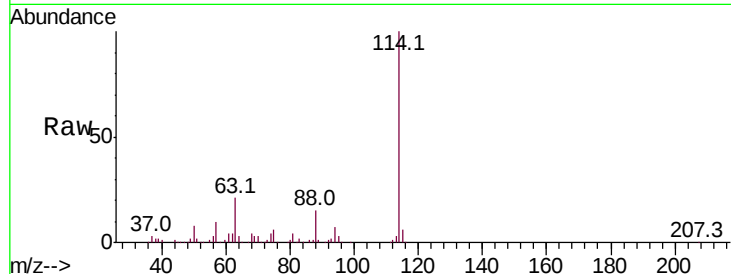




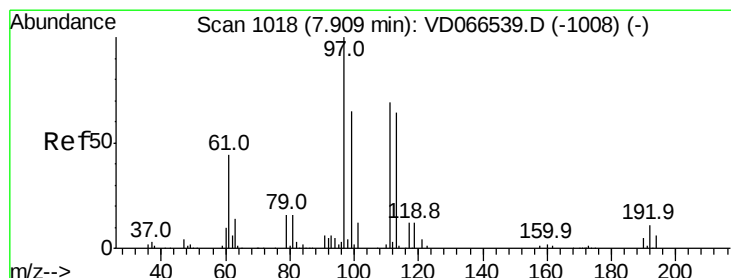
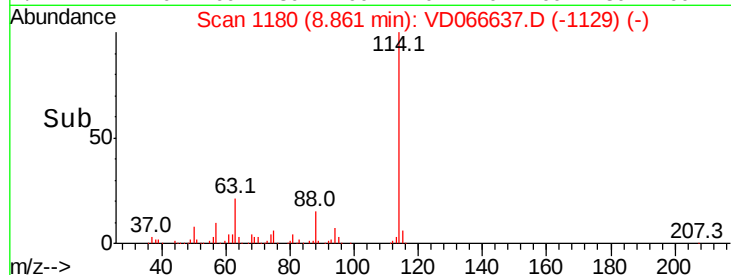
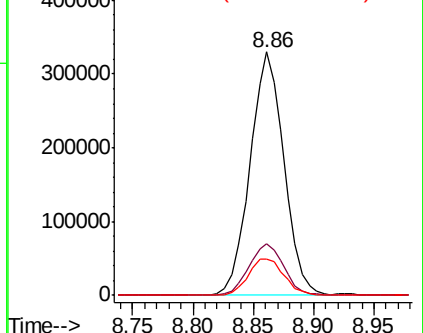
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-DUP-9-8-2020

Tot Ion:114 Resp: 646374
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.1 0.0 33.2

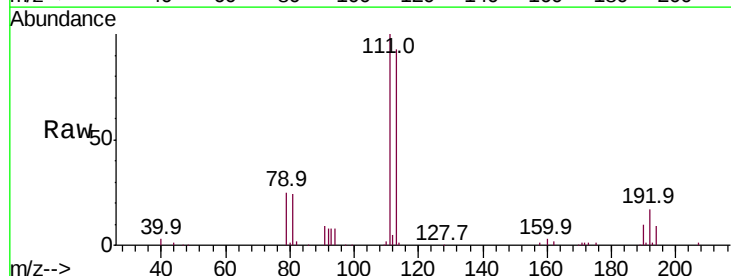


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

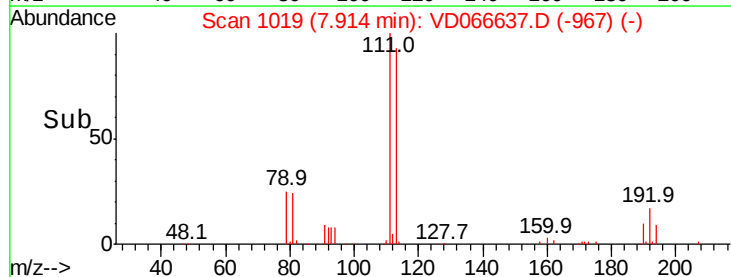
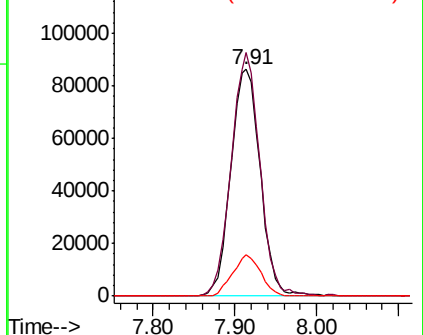


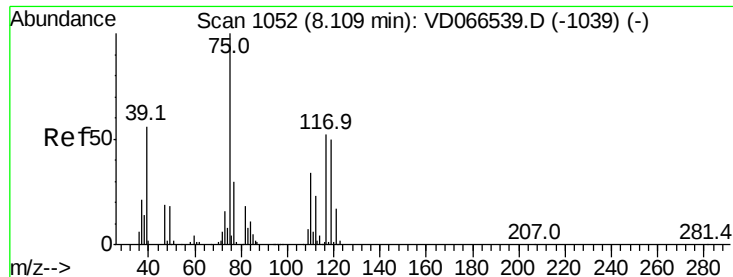
#35
Dibromofluoromethane
Concen: 49.640 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

Tgt Ion:113 Resp: 216455
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.5 13.7 20.5



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: 5.085 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

Instrument :

MSVOA_D

ClientSampleId :

BSY-SB-DUP-9-8-2020

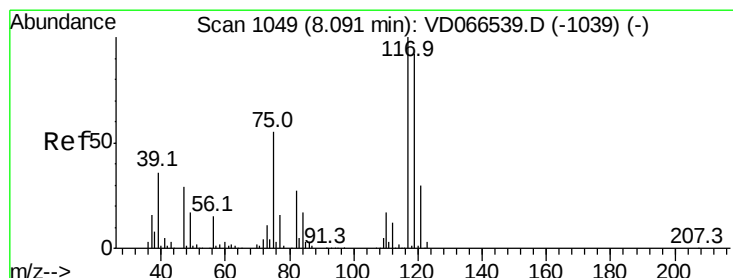
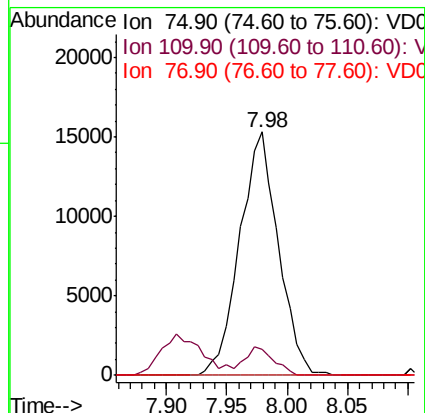
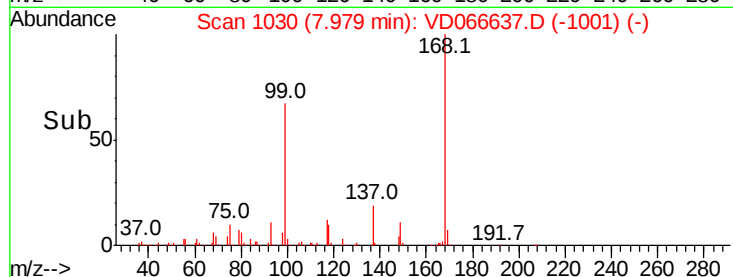
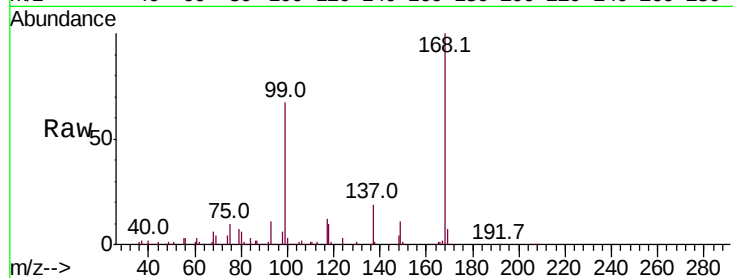
Tot Ion: 75 Resp: 34204

Ion Ratio Lower Upper

75 100

110 8.6 17.3 52.0#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.506 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

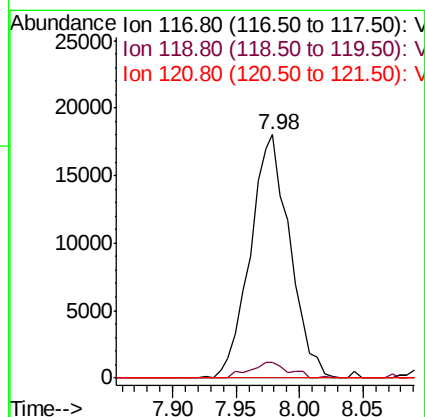
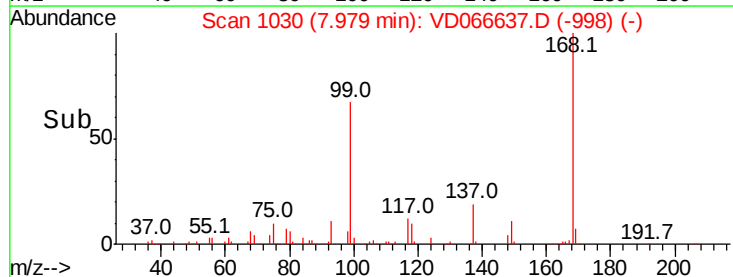
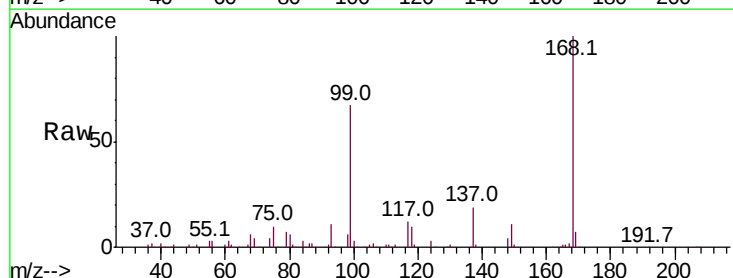
Tgt Ion: 117 Resp: 39148

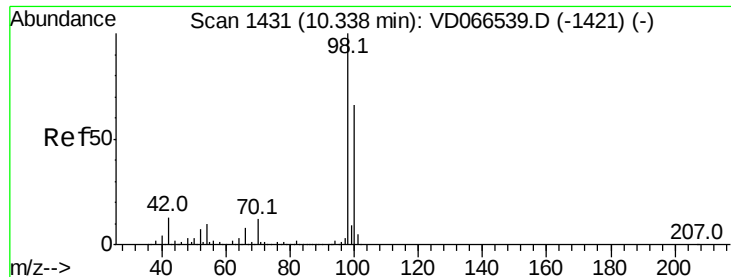
Ion Ratio Lower Upper

117 100

119 6.7 73.9 110.9#

121 0.0 24.1 36.1#

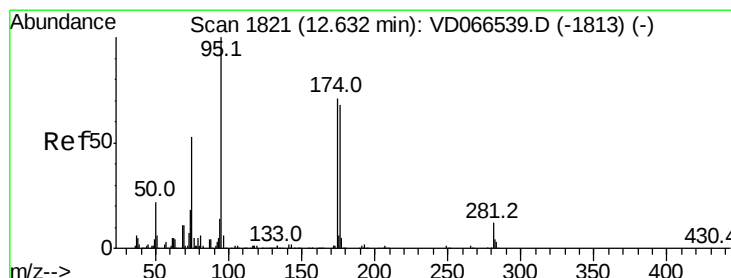
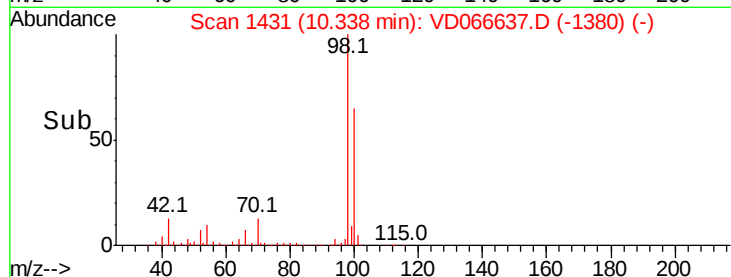
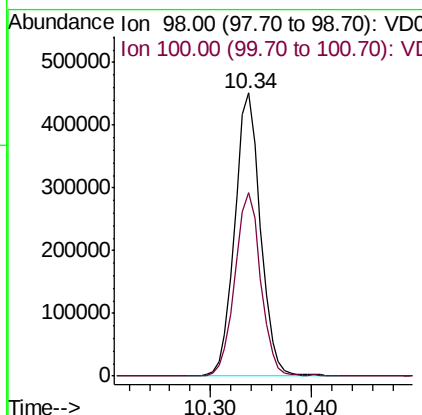
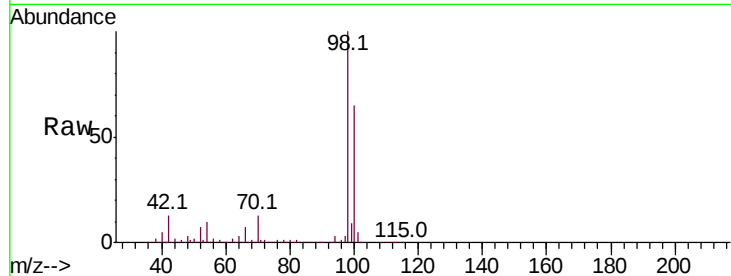




#50
Toluene-d8
Concen: 51.033 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

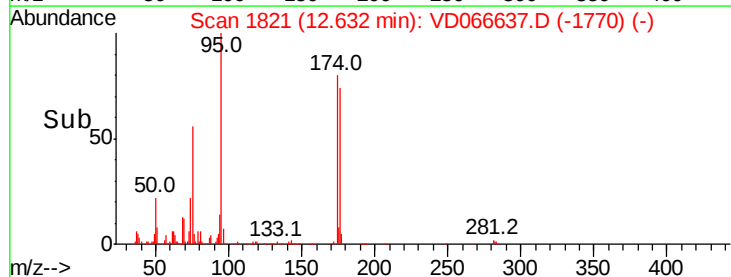
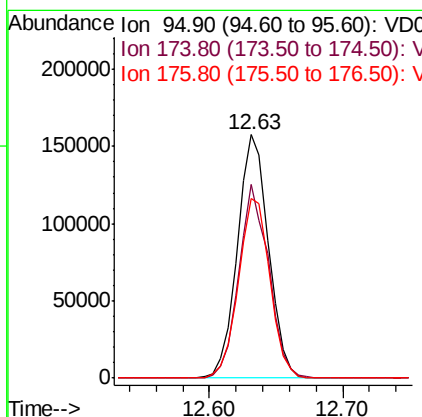
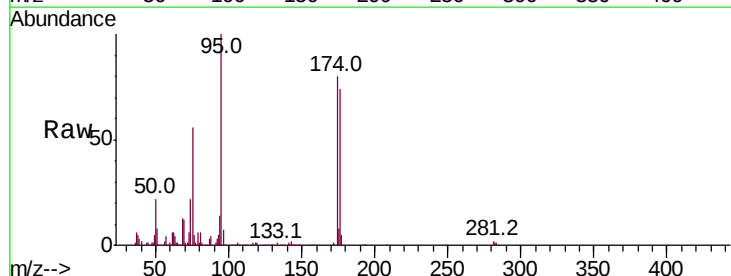
Instrument :
MSVOA_D
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BSY-SB-DUP-9-8-2020

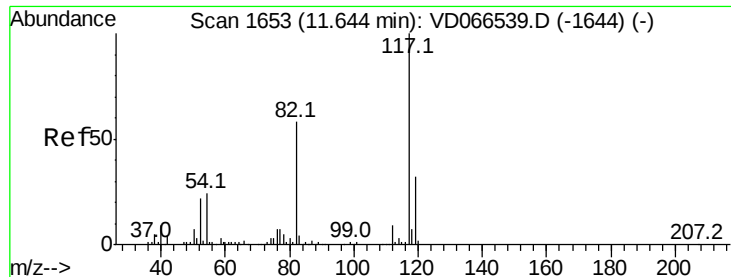
Tot Ion: 98 Resp: 795351
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.984 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

Tgt Ion: 95 Resp: 253142
Ion Ratio Lower Upper
95 100
174 76.7 0.0 155.8
176 74.6 0.0 148.6

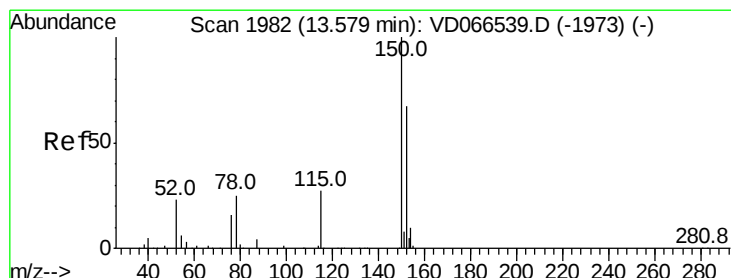
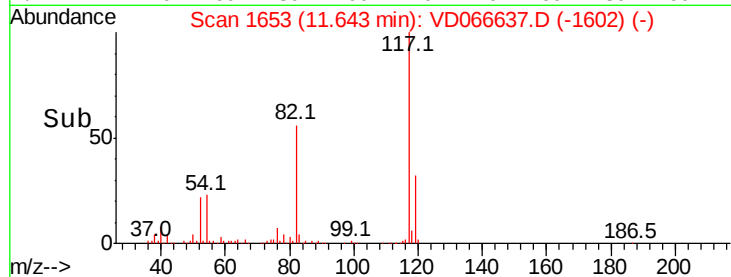
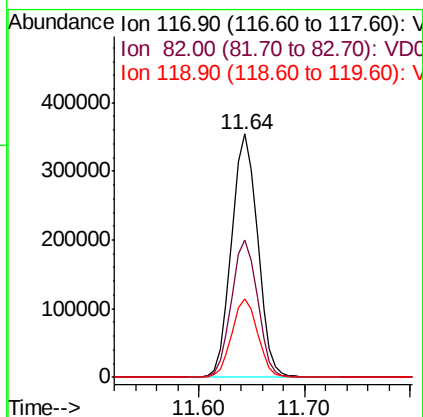
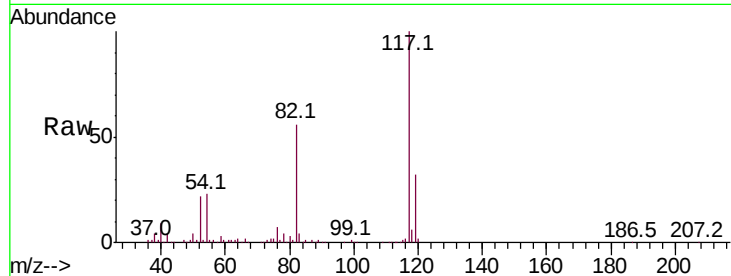




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

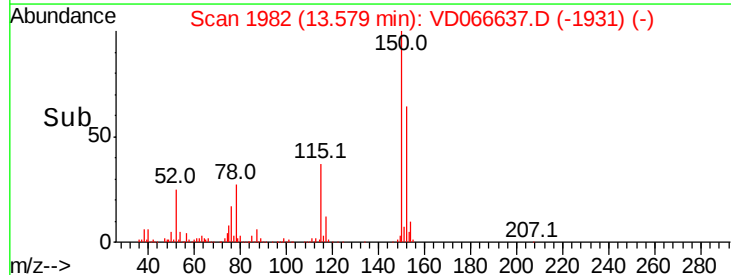
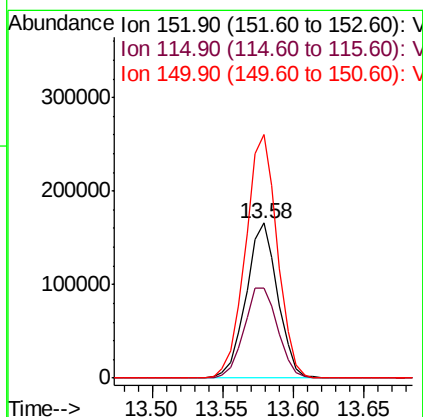
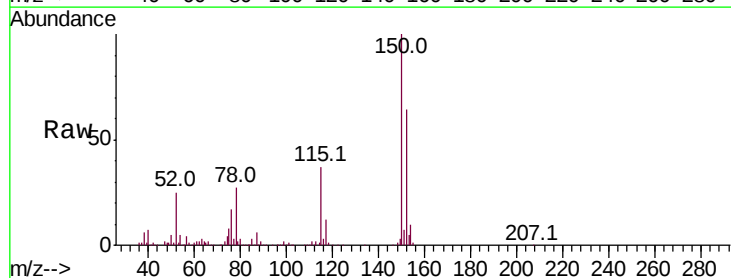
Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-DUP-9-8-2020

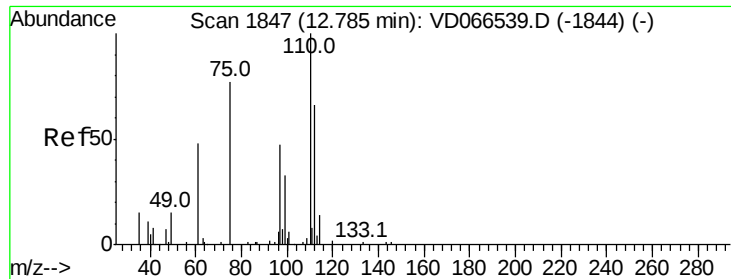
Tot Ion:117 Resp: 605284
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.2
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

Tgt Ion:152 Resp: 260587
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.2
150 158.1 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 57.955 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

Instrument :

MSVOA_D

ClientSampleId :

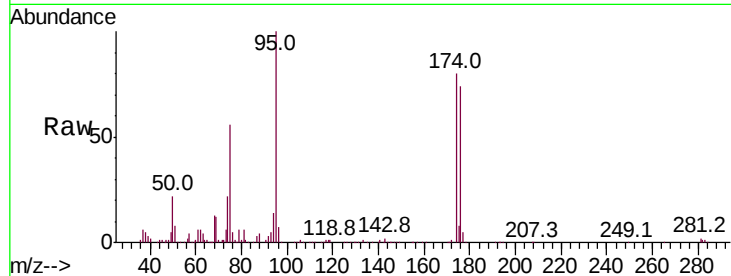
BSY-SB-DUP-9-8-2020

Tot Ion: 75 Resp: 145244

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.63

100000

80000

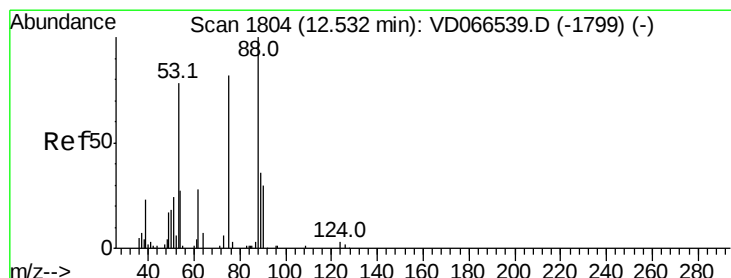
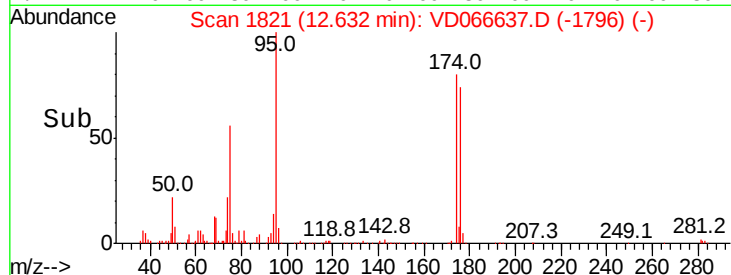
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 135.305 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

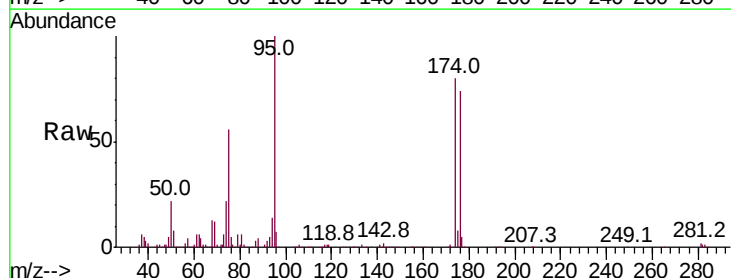
Tgt Ion: 75 Resp: 145244

Ion Ratio Lower Upper

75 100

53 0.1 87.0 130.4#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.63

120000

100000

80000

60000

40000

20000

0

Time-->

