

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
 Data File : VD066865.D
 Acq On : 25 Sep 2020 11:08
 Operator : VA/SY
 Sample : VD0925SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBL01

Quant Time: Sep 25 14:22:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	416320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	736113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	739167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340135	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	224510	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
35) Dibromofluoromethane	7.91	113	238766	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
50) Toluene-d8	10.34	98	878600	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.63	95	311320	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.98%	

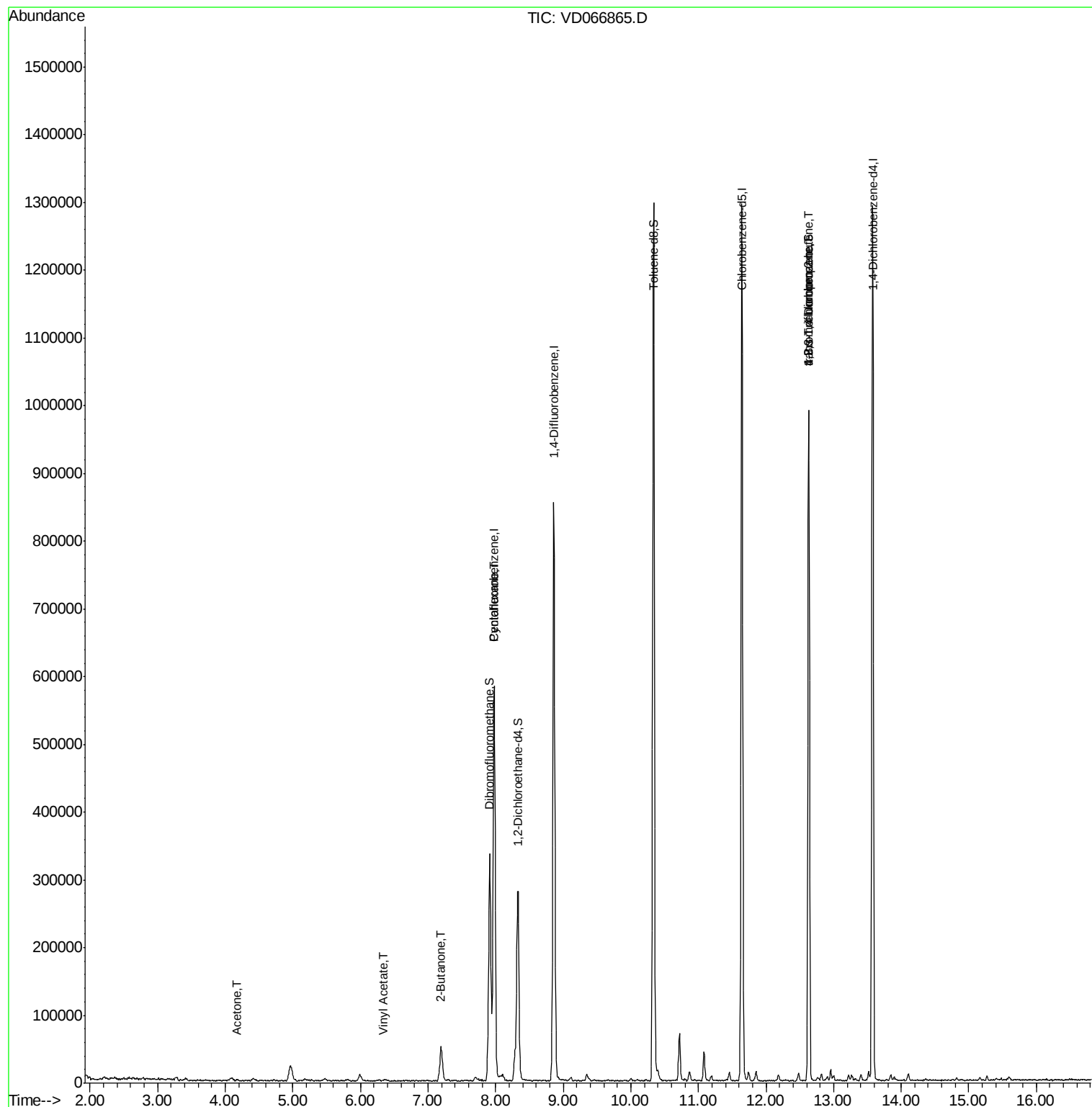
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1665	Below Cal		88
11) Tert butyl alcohol	5.17	59	1756	Below Cal	#	72
16) Acetone	4.17	43	2868	3.318	ug/l #	70
18) Methyl Acetate	4.71	43	87	Below Cal	#	50
20) Methylene Chloride	4.97	84	19018	Below Cal	#	82
23) Vinyl Acetate	6.33	43	582	2.758	ug/l #	71
25) 2-Butanone	7.20	43	3641	3.505	ug/l #	46
31) Cyclohexane	7.97	56	11626	1.569	ug/l #	27
49) 1,4-Dioxane	9.46	88	277	Below Cal	#	30
76) 1,2,3-Trichloropropane	12.63	75	163781	58.104	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	163781	145.370	ug/l #	10

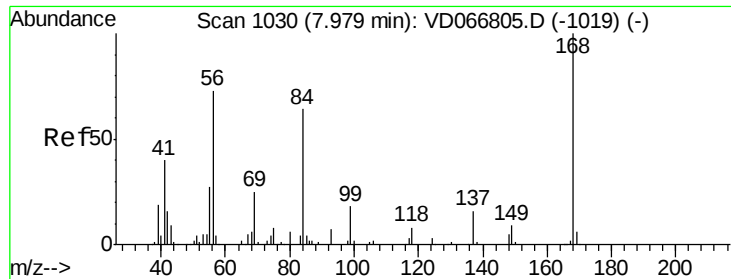
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
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Quant Time: Sep 25 14:22:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066865.D

Acq: 25 Sep 2020 11:08

Instrument :

MSVOA_D

ClientSampleId :

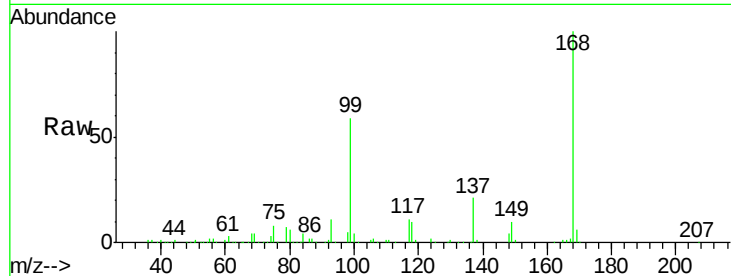
VD0925SBL01

Tgt Ion:168 Resp: 416320

Ion Ratio Lower Upper

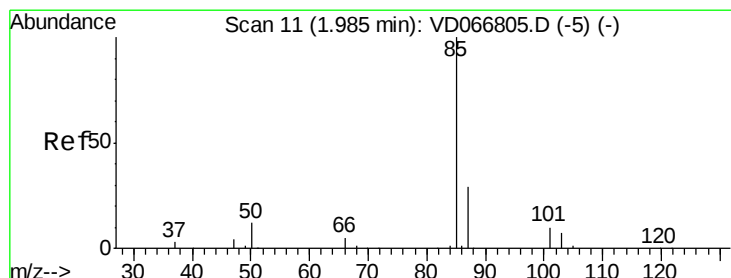
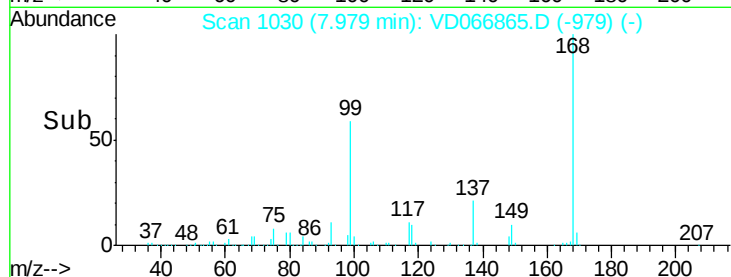
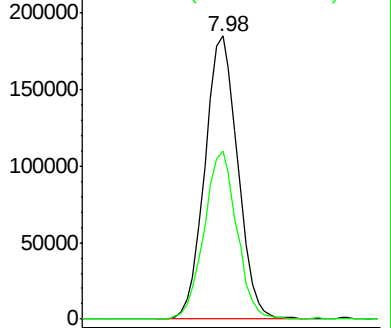
168 100

99 59.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066865.D

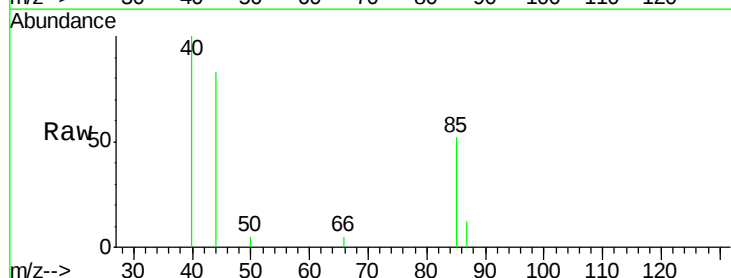
Acq: 25 Sep 2020 11:08

Tgt Ion: 85 Resp: 1665

Ion Ratio Lower Upper

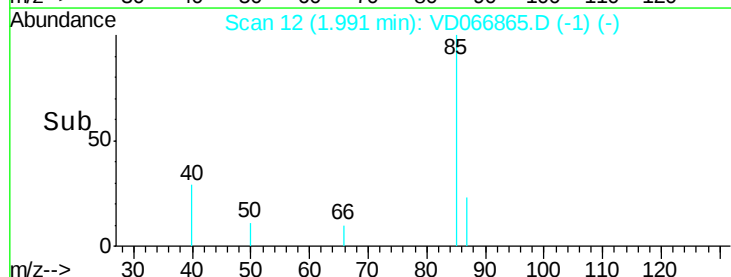
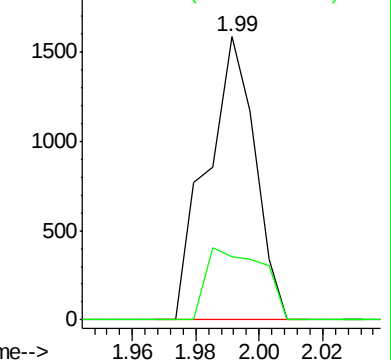
85 100

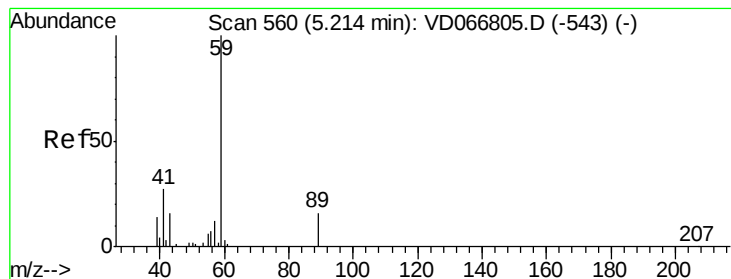
87 22.5 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



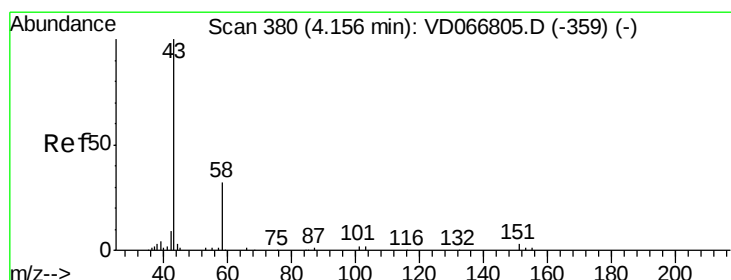
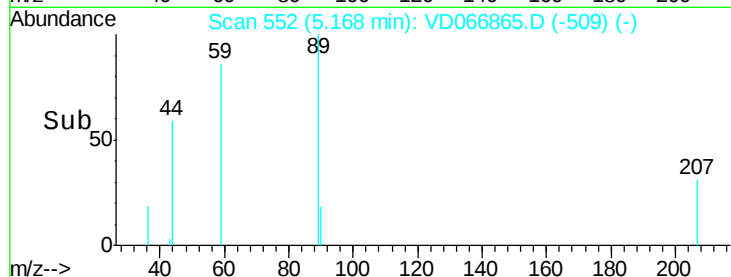
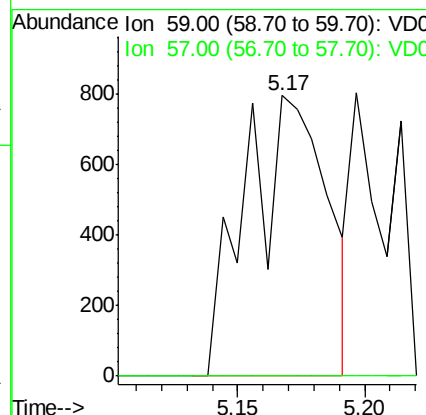
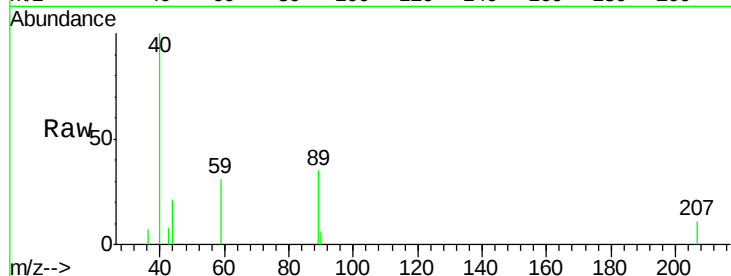


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.17 min Scan# 552
Delta R.T. -0.05 min
Lab File: VD066865.D
Acq: 25 Sep 2020 11:08

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBL01

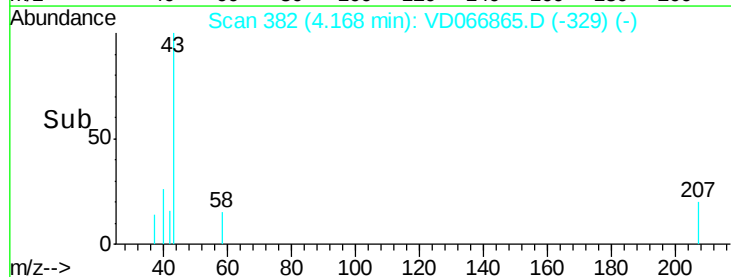
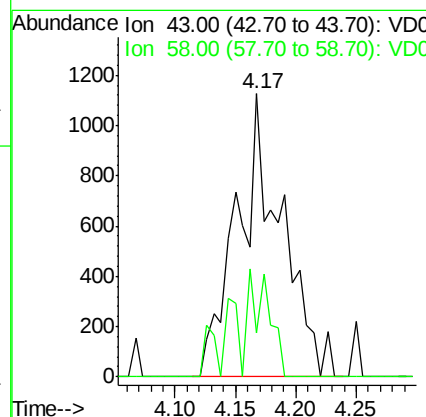
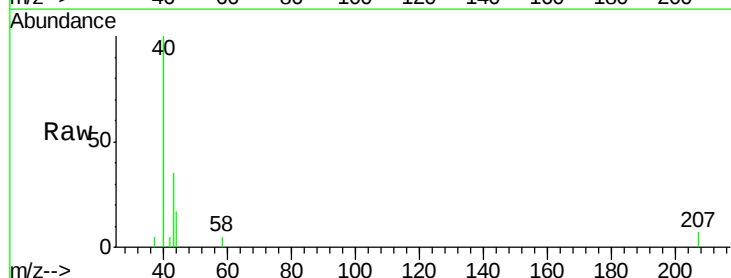
Tgt Ion: 59 Resp: 1756
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

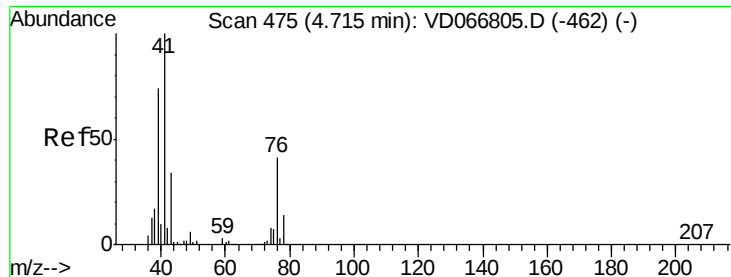


#16

Acetone
Concen: 3.318 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD066865.D
Acq: 25 Sep 2020 11:08

Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
58 15.4 25.6 38.4#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066865.D

Acq: 25 Sep 2020 11:08

Instrument :

MSVOA_D

ClientSampleId :

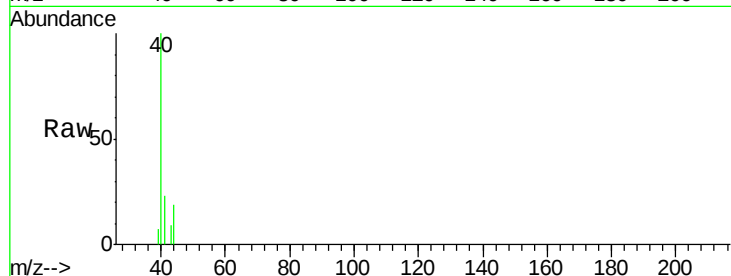
VD0925SBL01

Tgt Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

250

200

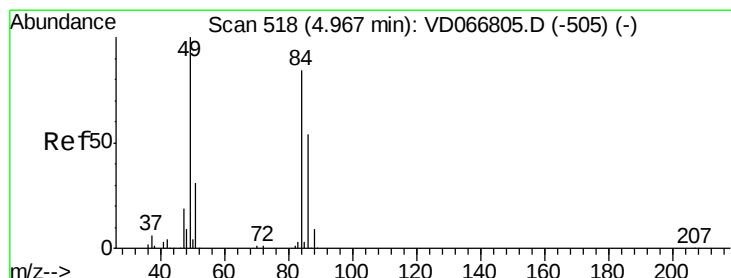
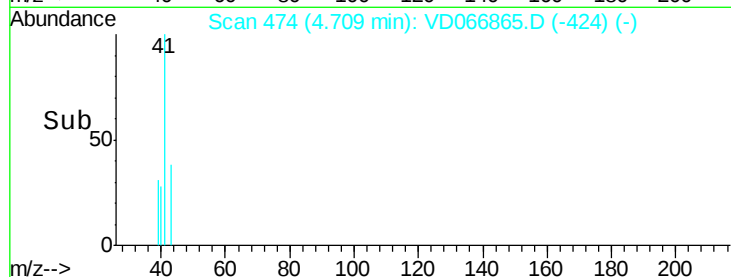
150

100

50

0

Time--> 4.69 4.70 4.71 4.72



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066865.D

Acq: 25 Sep 2020 11:08

Tgt Ion: 84 Resp: 19018

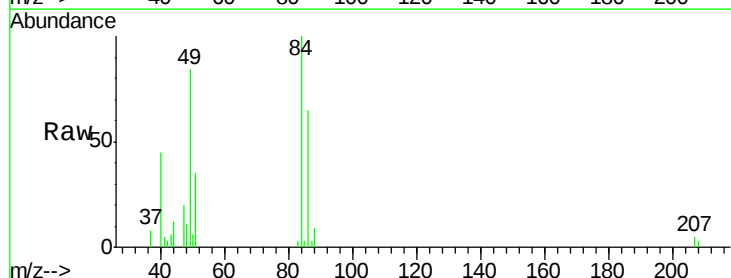
Ion Ratio Lower Upper

84 100

49 84.3 95.4 143.2#

51 35.1 29.7 44.5

86 65.3 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

10000

8000

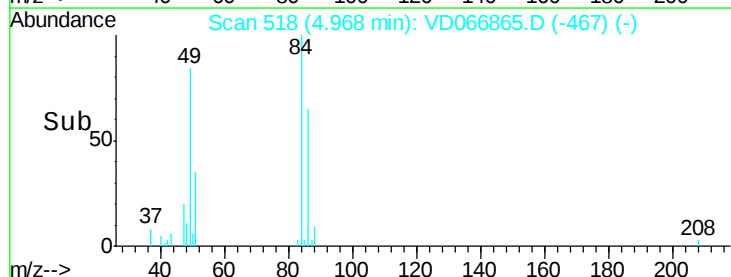
6000

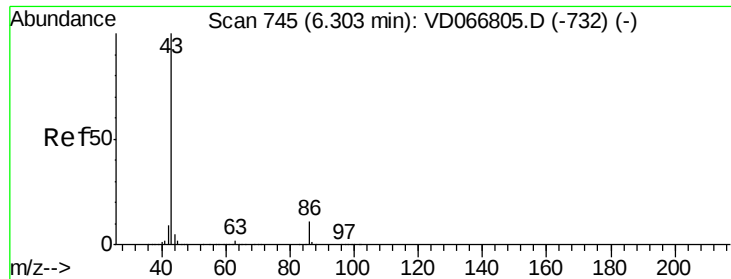
4000

2000

0

Time--> 4.90 4.97 5.00

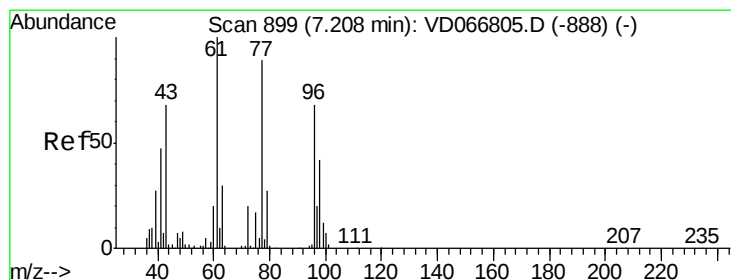
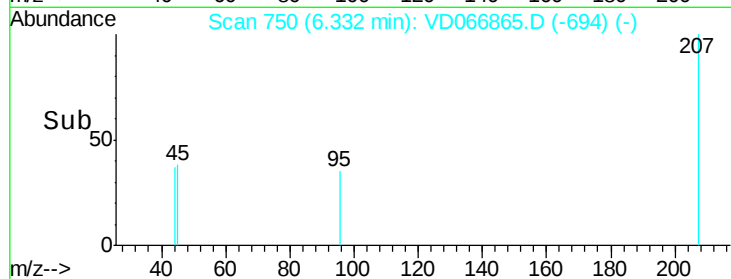
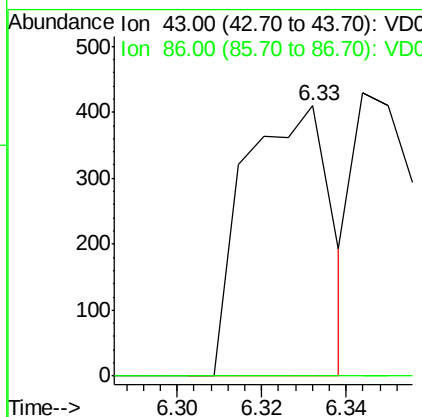
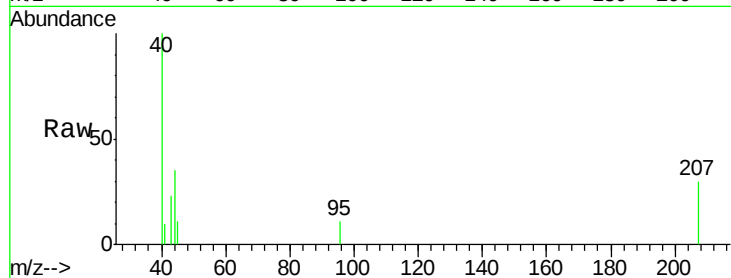




#23
 Vinyl Acetate
 Concen: 2.758 ug/l
 RT: 6.33 min Scan# 750
 Delta R.T. 0.03 min
 Lab File: VD066865.D
 Acq: 25 Sep 2020 11:08

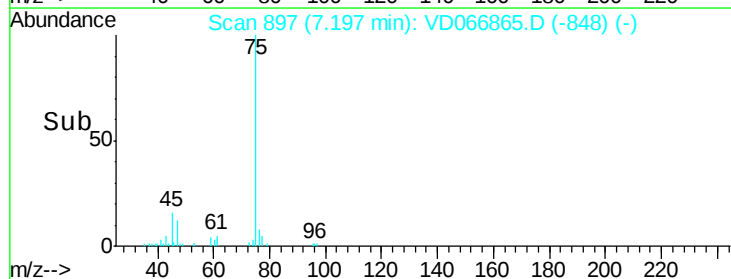
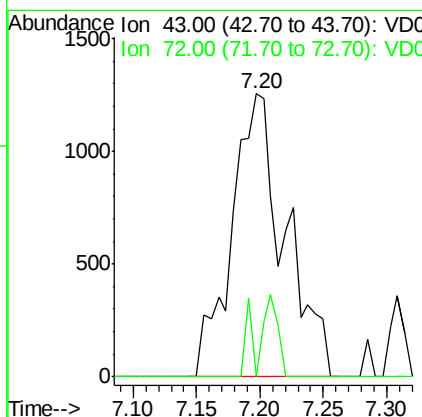
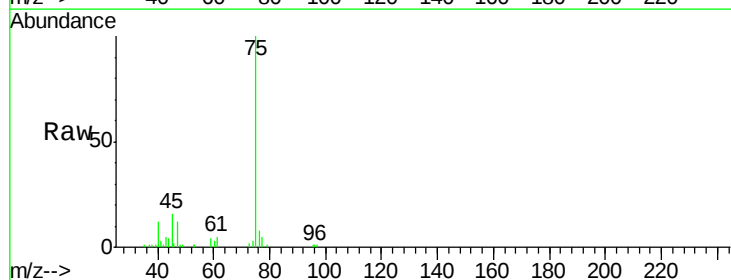
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBL01

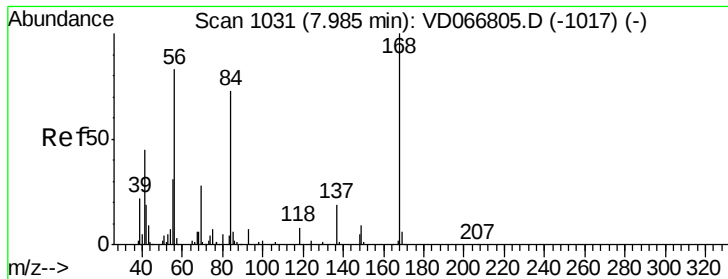
Tgt Ion: 43 Resp: 582
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#25
 2-Butanone
 Concen: 3.505 ug/l
 RT: 7.20 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: VD066865.D
 Acq: 25 Sep 2020 11:08

Tgt Ion: 43 Resp: 3641
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.9 34.3#

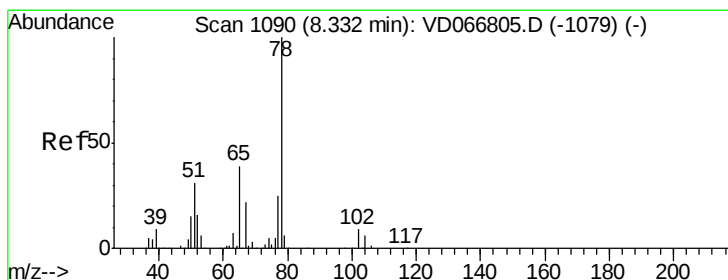
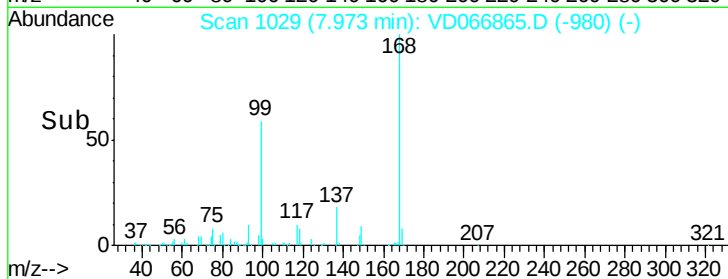
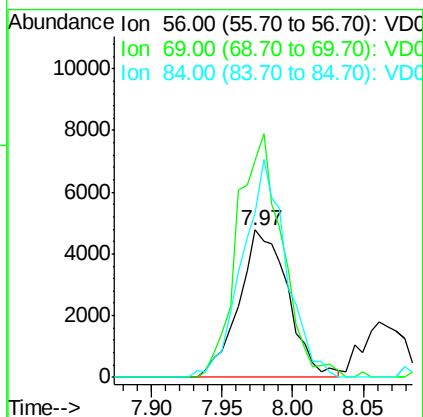
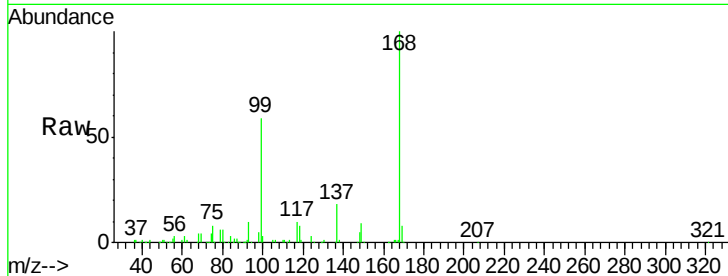




#31
Cyclohexane
Concen: 1.569 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066865.D
Acq: 25 Sep 2020 11:08

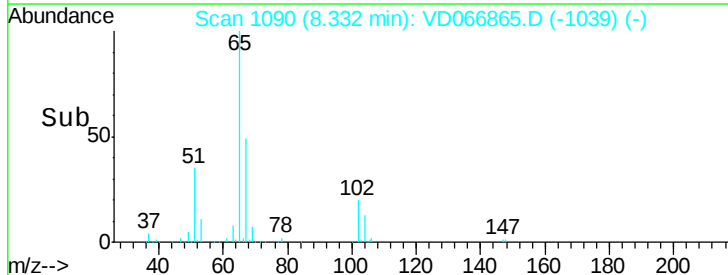
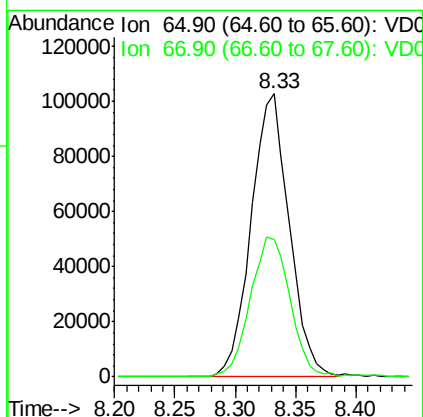
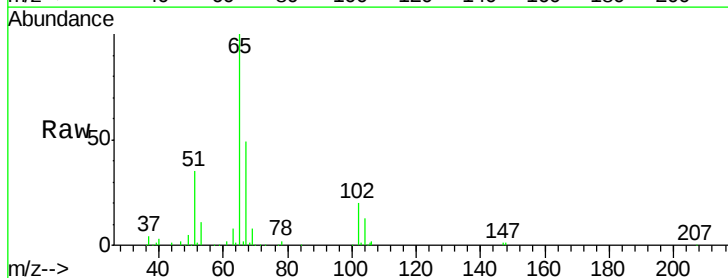
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBL01

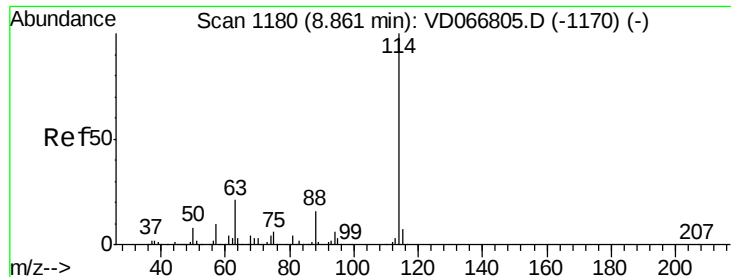
Tgt Ion: 56 Resp: 11626
Ion Ratio Lower Upper
56 100
69 147.0 27.0 40.4#
84 111.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 55.098 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066865.D
Acq: 25 Sep 2020 11:08

Tgt Ion: 65 Resp: 224510
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.2

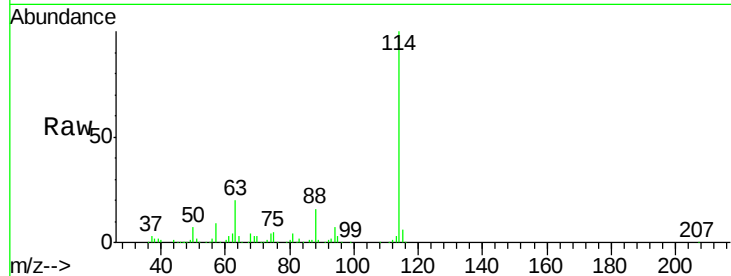




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066865.D
 Acq: 25 Sep 2020 11:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBL01

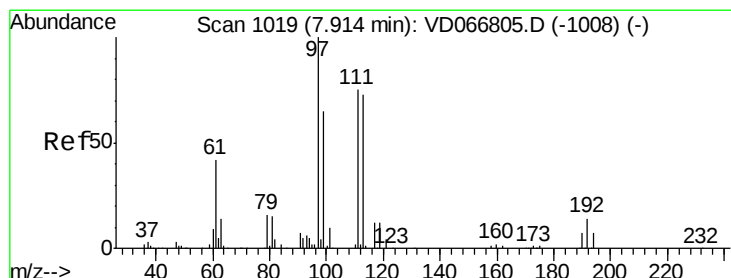
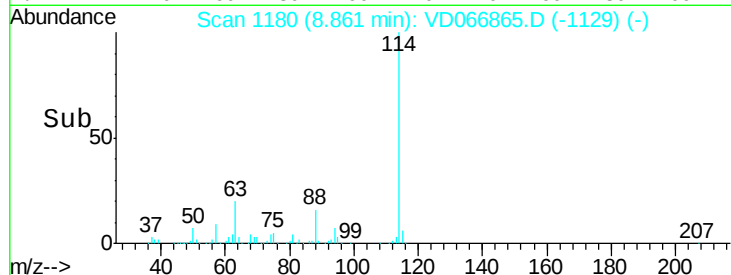
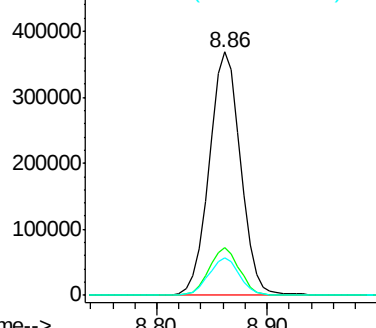
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	15.6	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

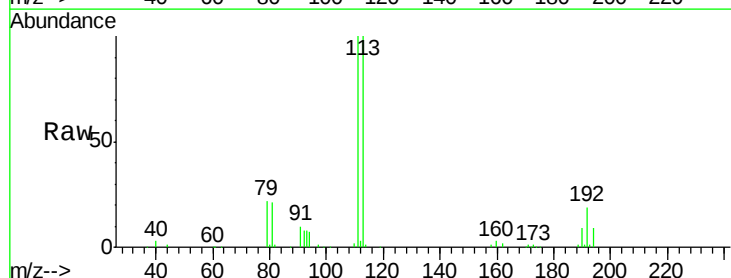
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.984 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066865.D
 Acq: 25 Sep 2020 11:08

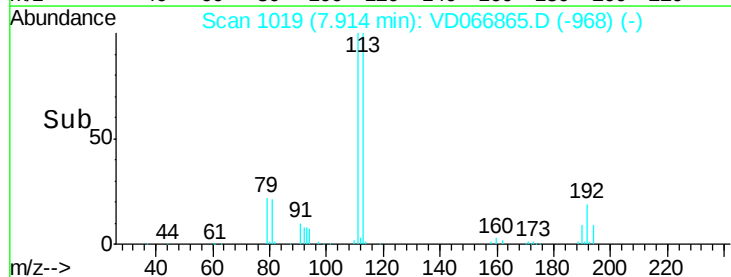
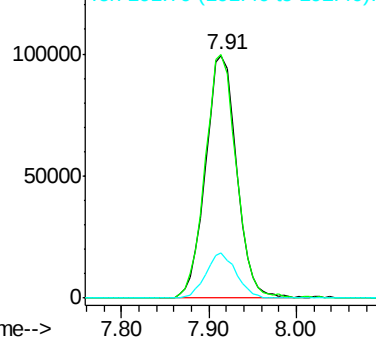
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.8	122.8
192	18.2	14.4	21.6

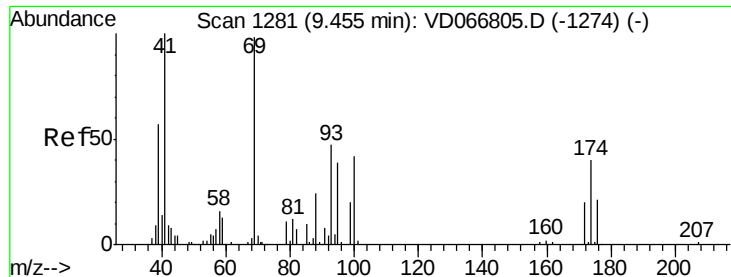


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

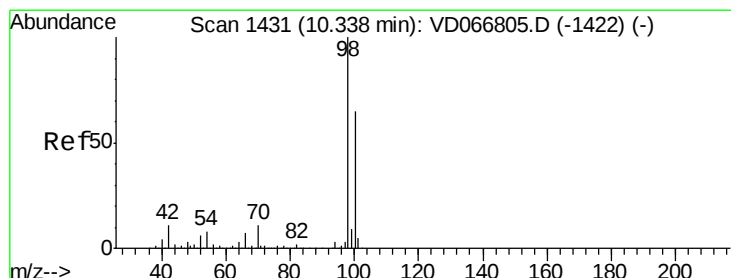
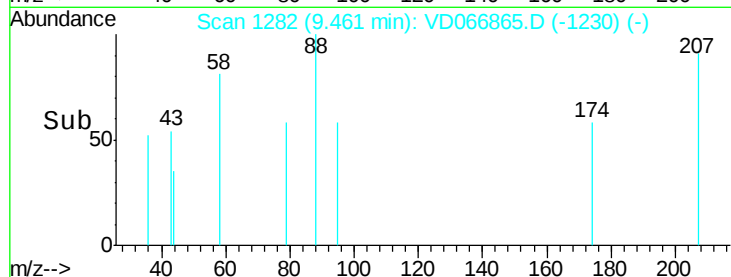
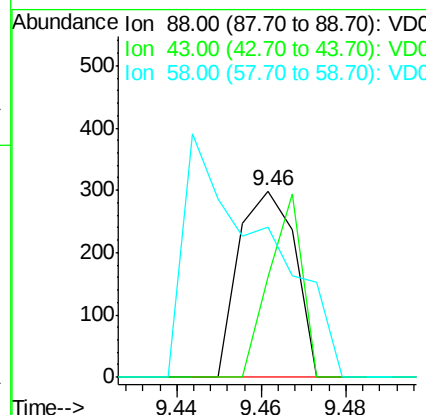
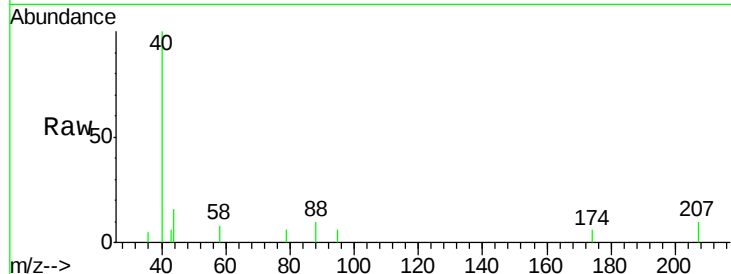




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066865.D
Acq: 25 Sep 2020 11:08

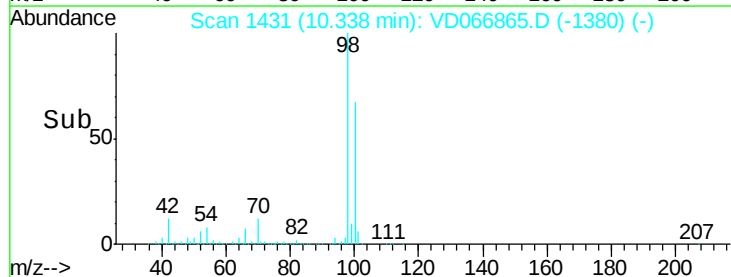
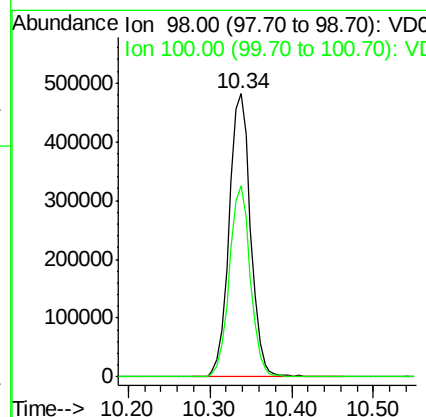
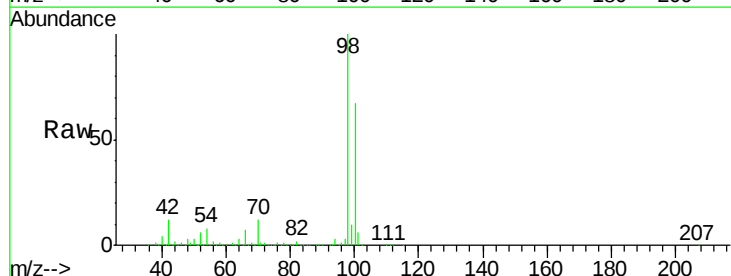
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBL01

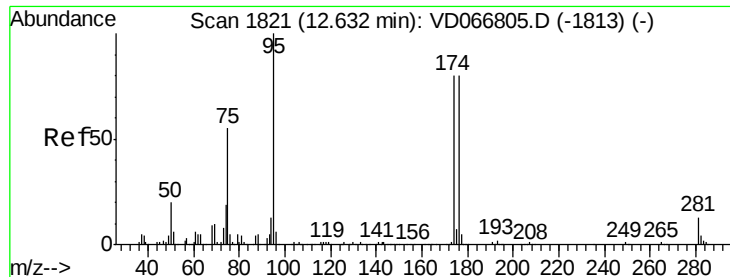
Tgt Ion: 88 Resp: 277
Ion Ratio Lower Upper
88 100
43 58.1 27.7 41.5#
58 0.0 55.5 83.3#



#50
Toluene-d8
Concen: 55.063 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066865.D
Acq: 25 Sep 2020 11:08

Tgt Ion: 98 Resp: 878600
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 56.993 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066865.D

Acq: 25 Sep 2020 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBL01

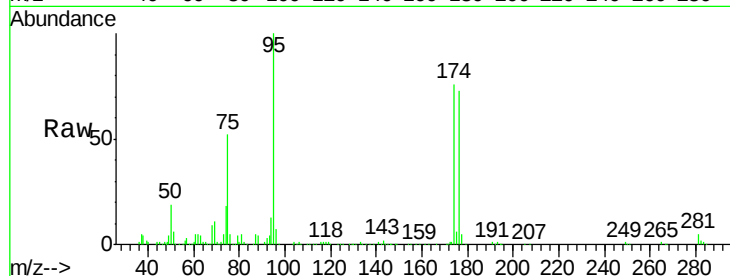
Tgt Ion: 95 Resp: 311320

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.8

176 77.9 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

200000

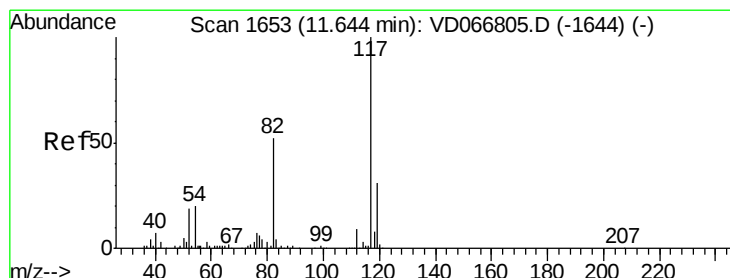
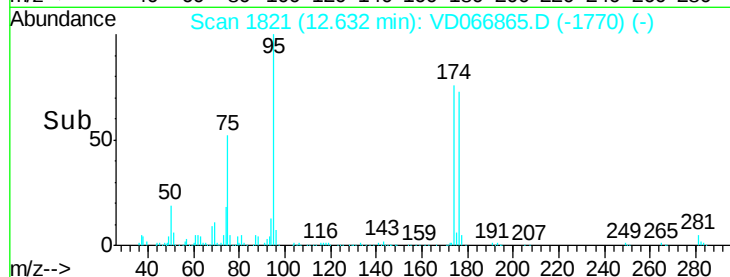
150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066865.D

Acq: 25 Sep 2020 11:08

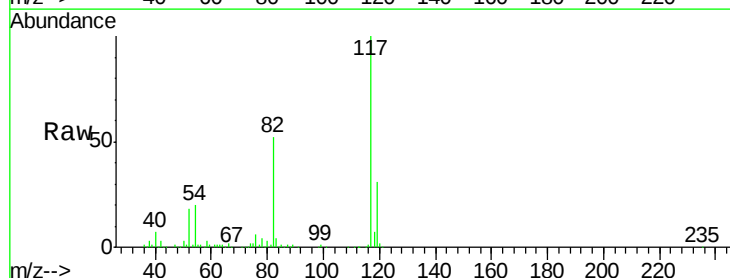
Tgt Ion: 117 Resp: 739167

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 31.4 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

600000

500000

400000

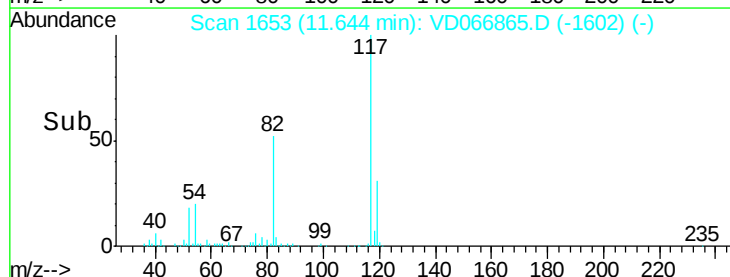
300000

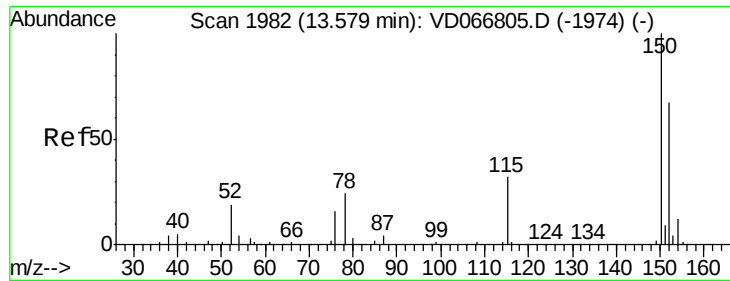
200000

100000

0

Time--> 11.60 11.70





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066865.D

Acq: 25 Sep 2020 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBL01

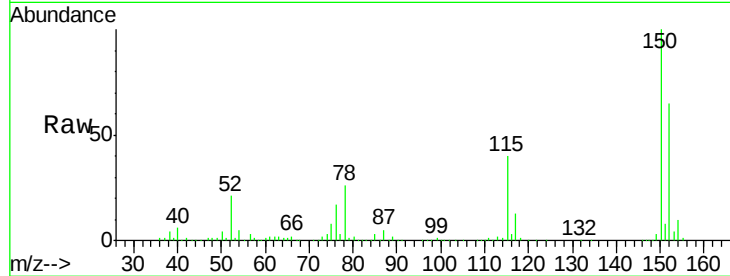
Tgt Ion:152 Resp: 340135

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

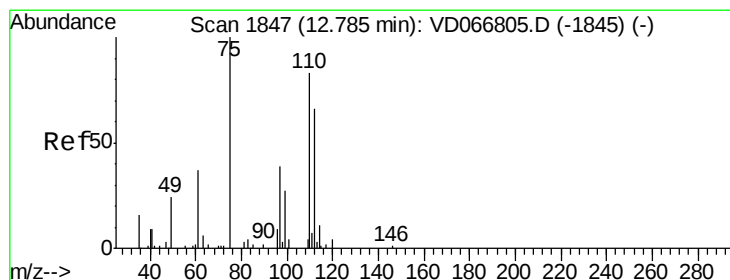
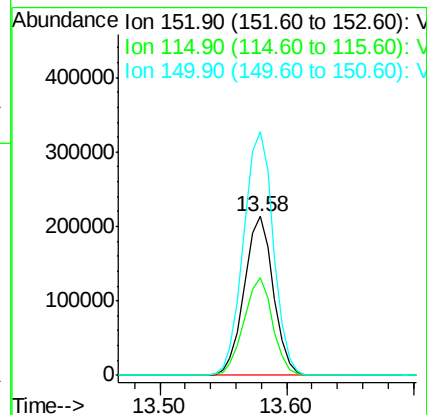
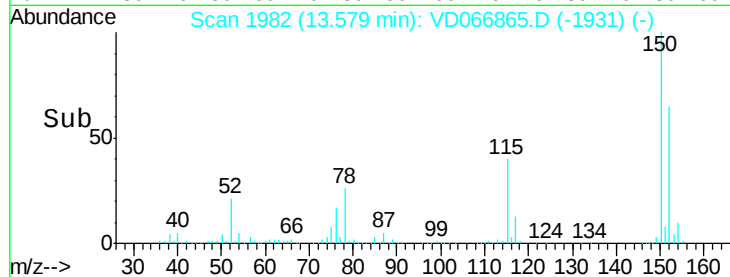
150 157.5 0.0 346.2



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: 58.104 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066865.D

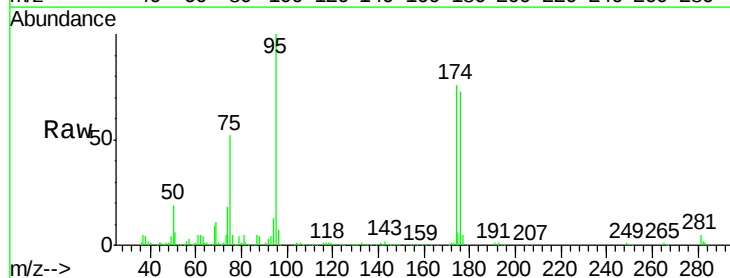
Acq: 25 Sep 2020 11:08

Tgt Ion: 75 Resp: 163781

Ion Ratio Lower Upper

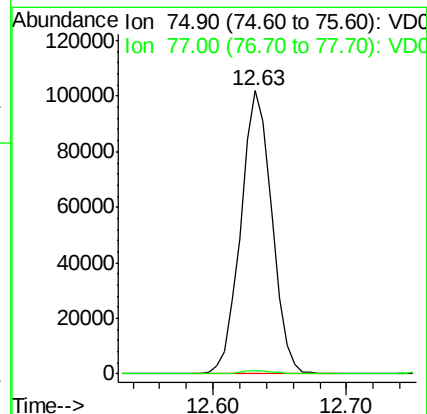
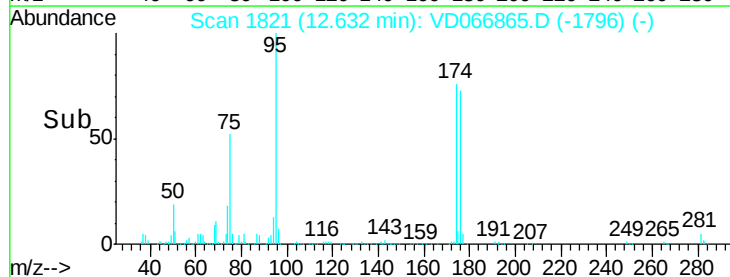
75 100

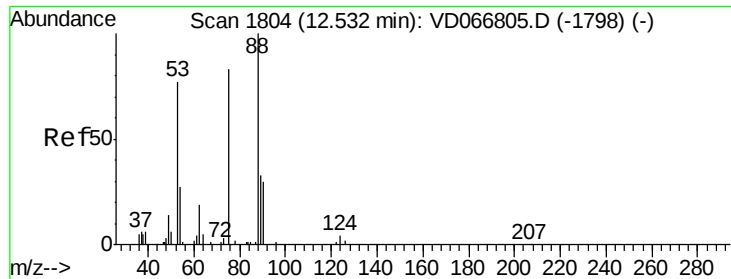
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 145.370 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066865.D

Acq: 25 Sep 2020 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBL01

Tgt Ion: 75 Resp: 163781

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.1 38.1 57.1#

