

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066629.D
 Acq On : 10 Sep 2020 23:27
 Operator : VA/SY
 Sample : VD0910SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBL02

Quant Time: Sep 11 02:10:28 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	285685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	538093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	507017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	208767	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	225838	65.34	ug/l	0.00
Spiked Amount			Recovery	=	130.68%	
35) Dibromofluoromethane	7.91	113	204259	56.27	ug/l	0.00
Spiked Amount			Recovery	=	112.54%	
50) Toluene-d8	10.34	98	673695	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.63	95	223369	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	

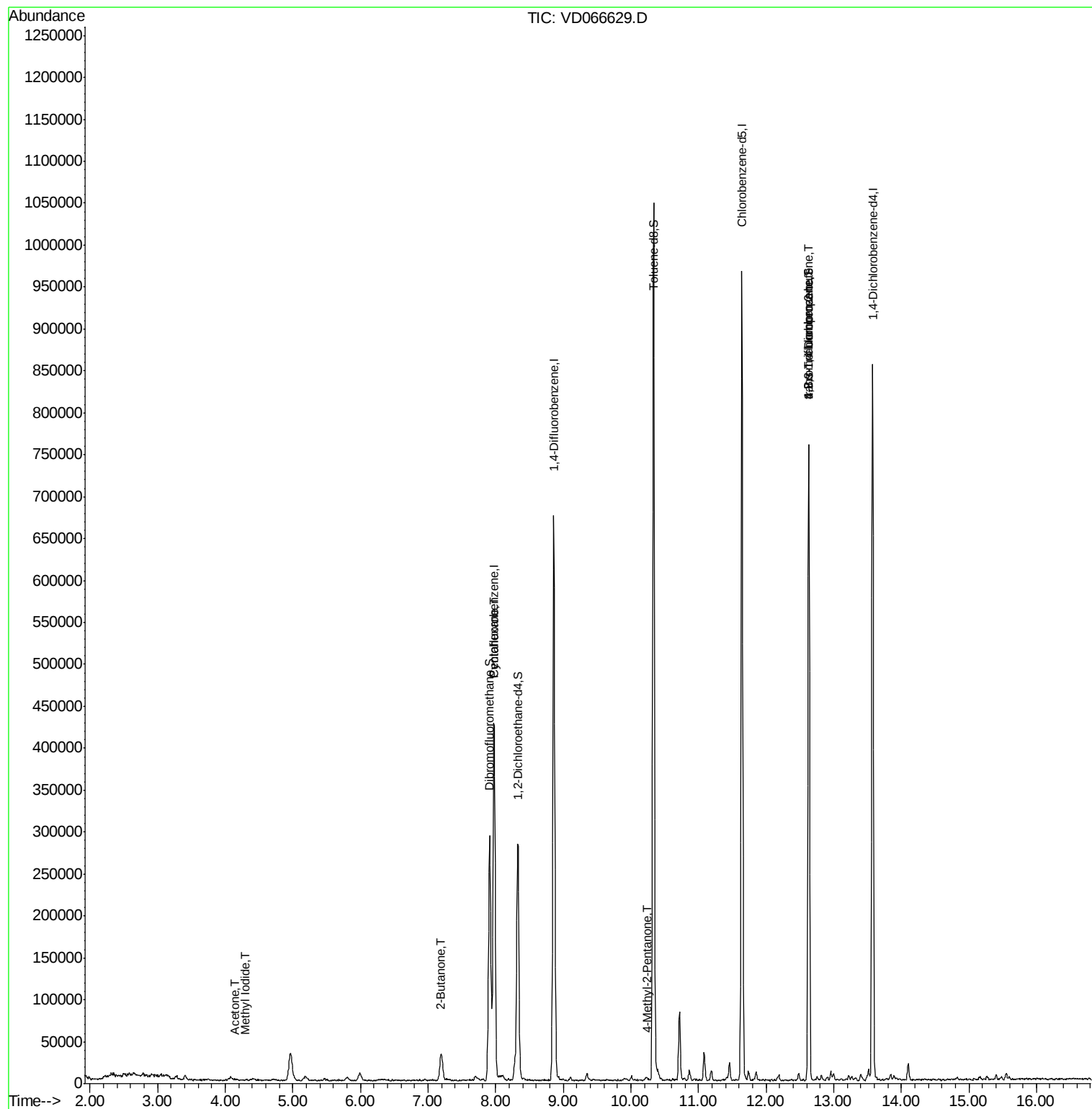
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1546	Below Cal	#	46
5) Bromomethane	2.78	94	1530	Below Cal	#	74
10) Methyl Iodide	4.29	142	620	4.218	ug/l #	58
11) Tert butyl alcohol	5.18	59	3738	Below Cal	#	74
16) Acetone	4.15	43	2383	3.747	ug/l #	81
25) 2-Butanone	7.20	43	1339	1.568	ug/l #	79
31) Cyclohexane	7.97	56	9303	1.650	ug/l #	35
51) 4-Methyl-2-Pentanone	10.24	43	3003	1.393	ug/l	89
76) 1,2,3-Trichloropropane	12.63	75	123164	61.343	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	123164	143.215	ug/l #	7

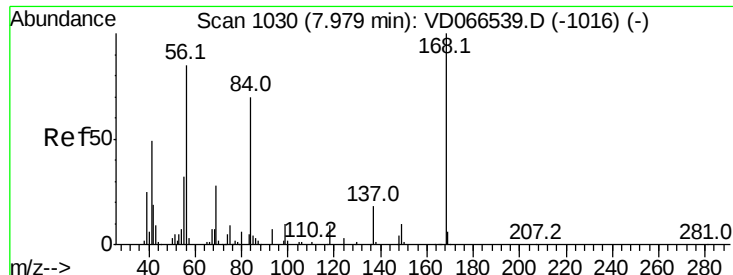
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066629.D
Acq On : 10 Sep 2020 23:27
Operator : VA/SY
Sample : VD0910SBL02
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBL02

Quant Time: Sep 11 02:10:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
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: VD066629.D

Acq: 10 Sep 2020 23:27

Instrument :

MSVOA_D

ClientSampleId :

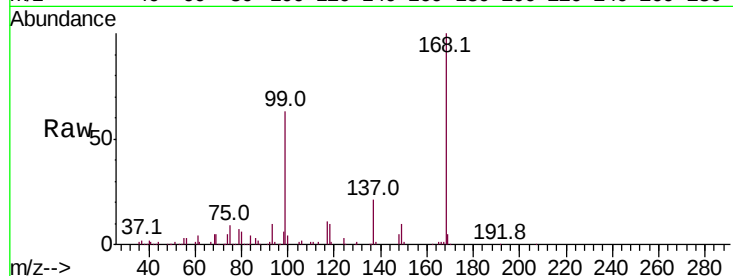
VD0910SBL02

Tot Ion:168 Resp: 285685

Ion Ratio Lower Upper

168 100

99 62.5 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

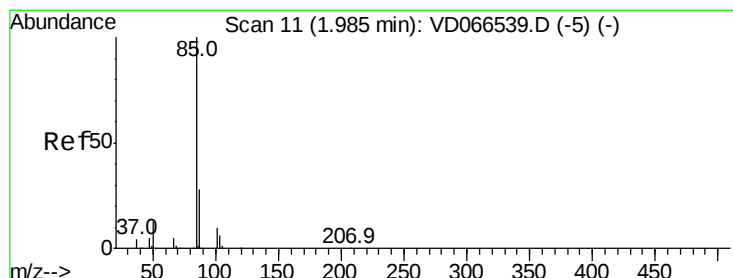
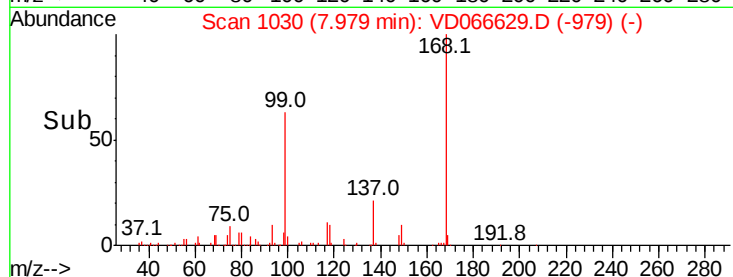
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066629.D

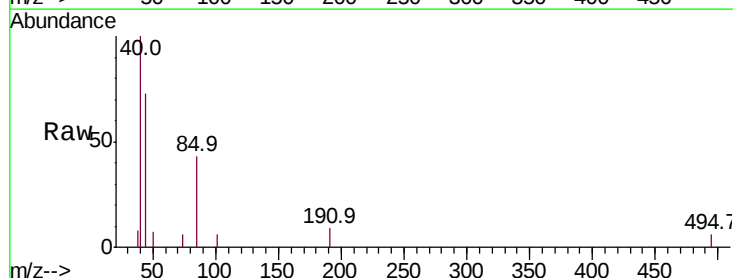
Acq: 10 Sep 2020 23:27

Tgt Ion: 85 Resp: 1546

Ion Ratio Lower Upper

85 100

87 0.0 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

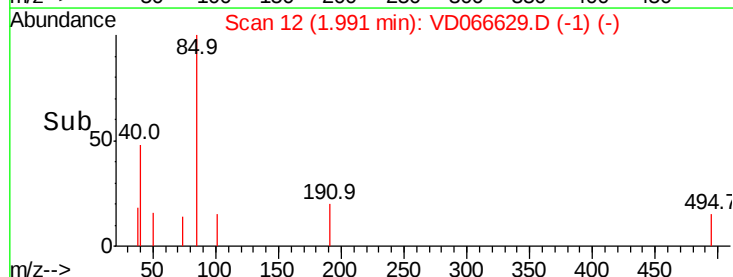
1.99

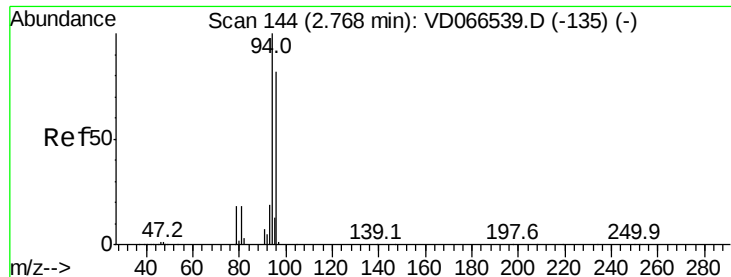
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

Instrument :

MSVOA_D

ClientSampleId :

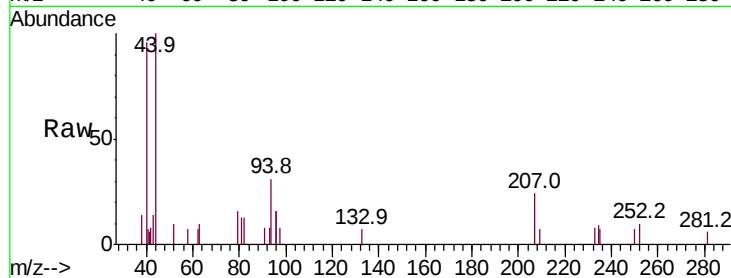
VD0910SBL02

Tot Ion: 94 Resp: 1530

Ion Ratio Lower Upper

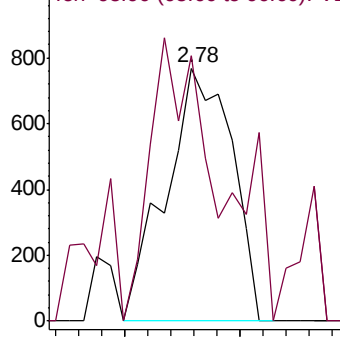
94 100

96 104.9 65.2 97.8#

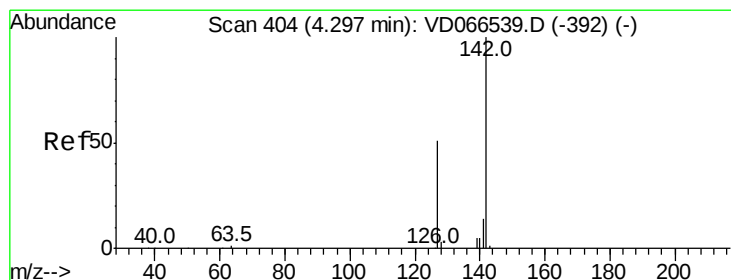
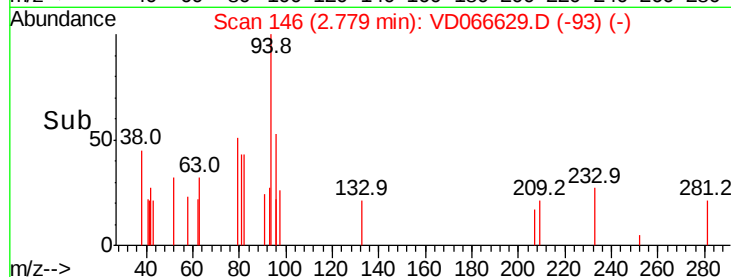


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#10

Methyl Iodide

Concen: 4.218 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

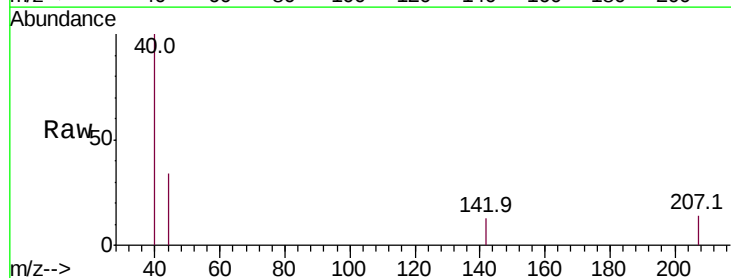
Tgt Ion: 142 Resp: 620

Ion Ratio Lower Upper

142 100

127 80.8 40.6 61.0#

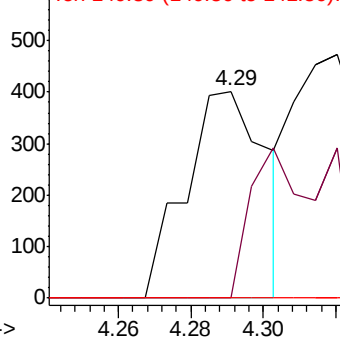
141 0.0 12.2 18.4#



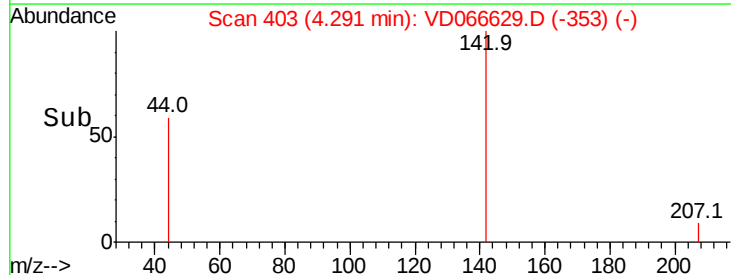
Abundance Ion 141.80 (141.50 to 142.50): V

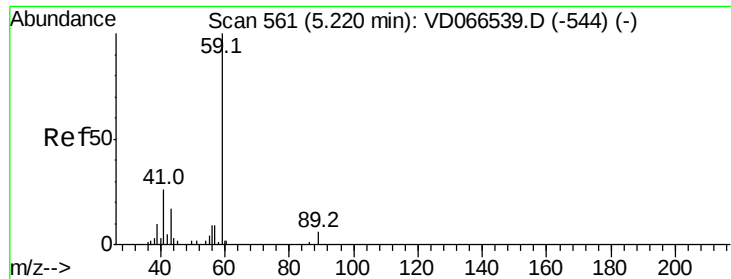
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

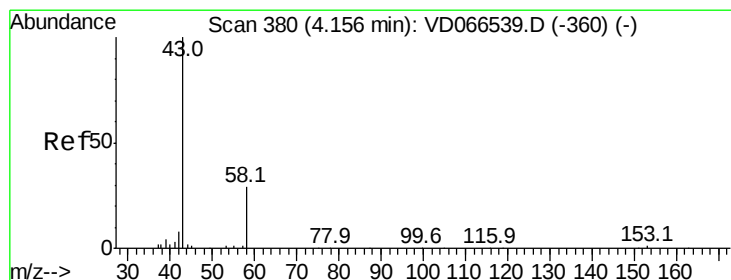
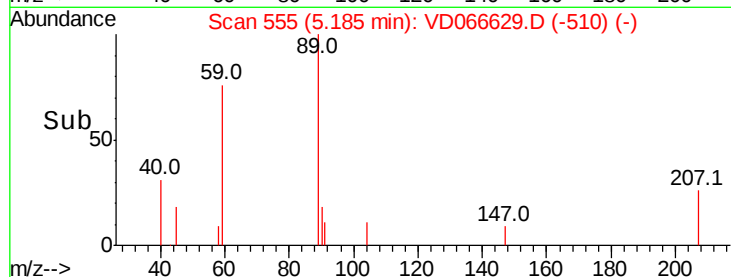
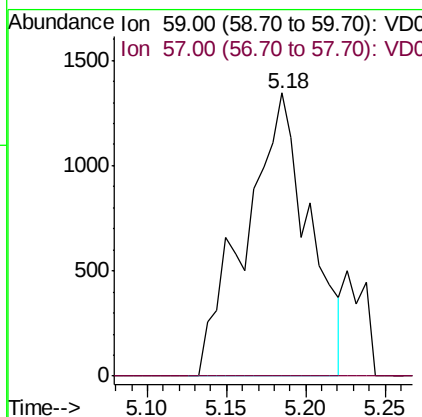
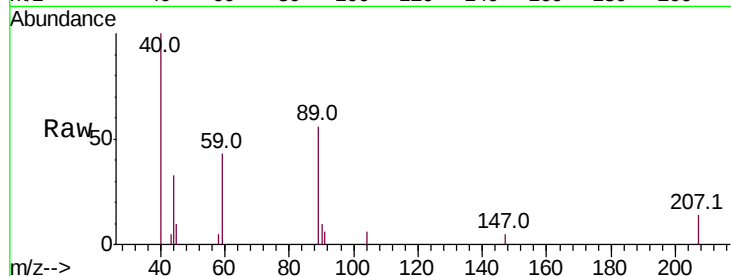




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD066629.D
Acq: 10 Sep 2020 23:27

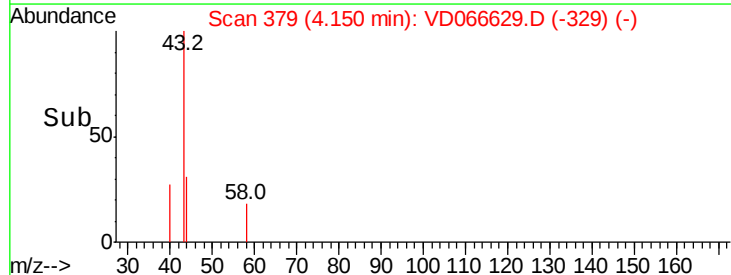
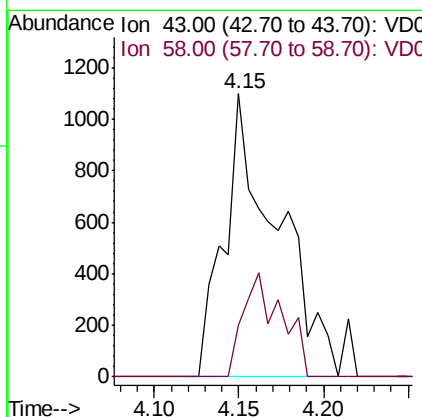
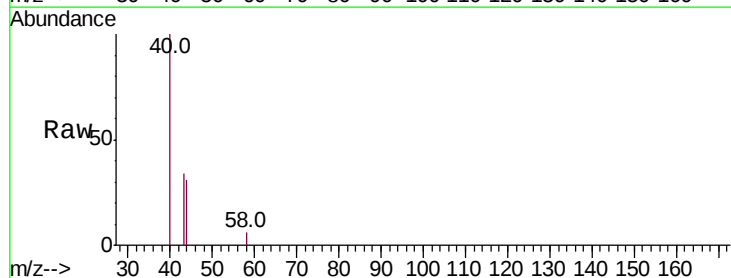
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBL02

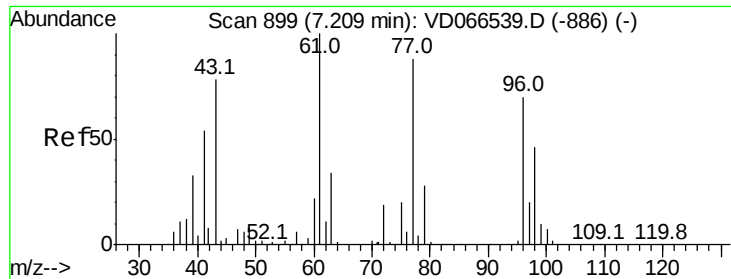
Tot Ion: 59 Resp: 3738
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#16
Acetone
Concen: 3.747 ug/l
RT: 4.15 min Scan# 379
Delta R.T. -0.01 min
Lab File: VD066629.D
Acq: 10 Sep 2020 23:27

Tgt Ion: 43 Resp: 2383
Ion Ratio Lower Upper
43 100
58 18.4 22.9 34.3#





#25

2-Butanone

Concen: 1.568 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

Instrument :

MSVOA_D

ClientSampleId :

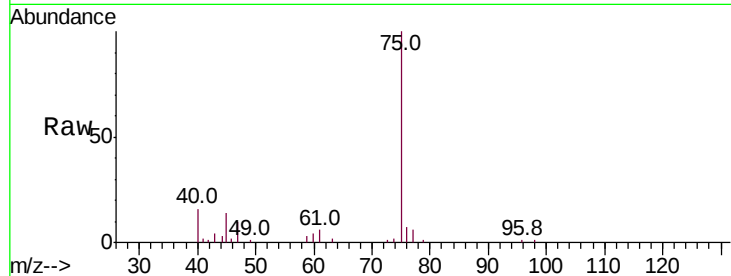
VD0910SBL02

Tot Ion: 43 Resp: 1339

Ion Ratio Lower Upper

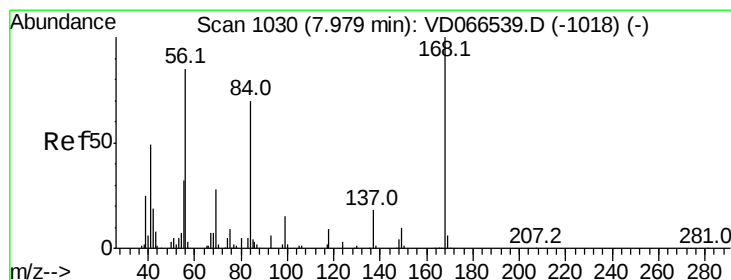
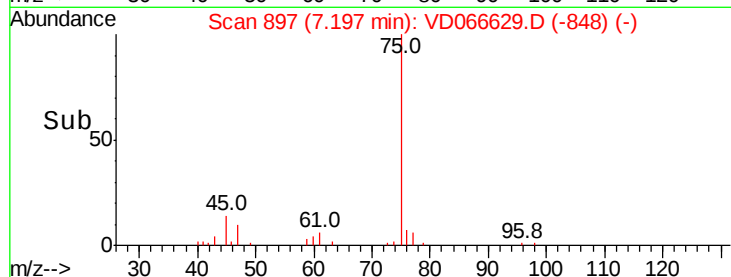
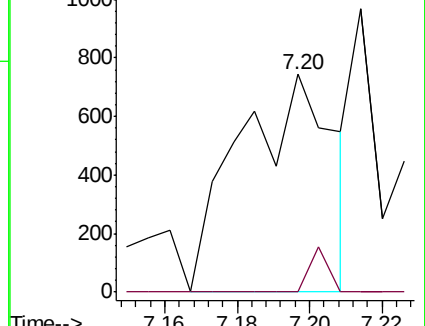
43 100

72 35.3 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.650 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

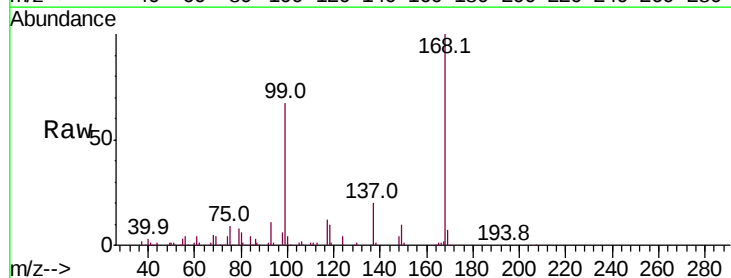
Tgt Ion: 56 Resp: 9303

Ion Ratio Lower Upper

56 100

69 123.3 26.3 39.5#

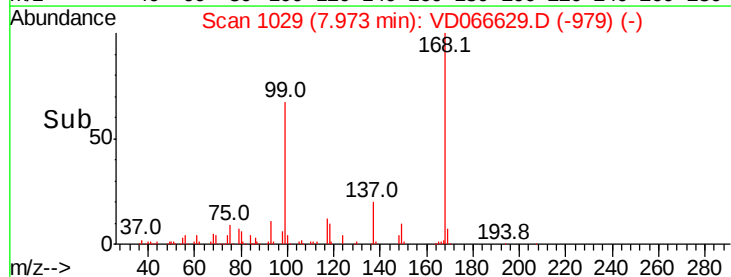
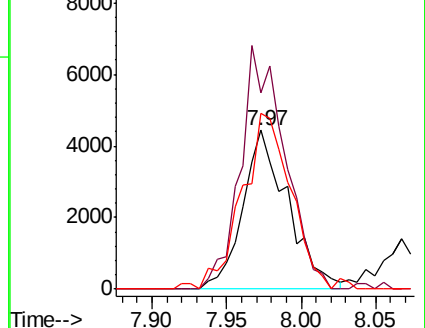
84 107.6 66.1 99.1#

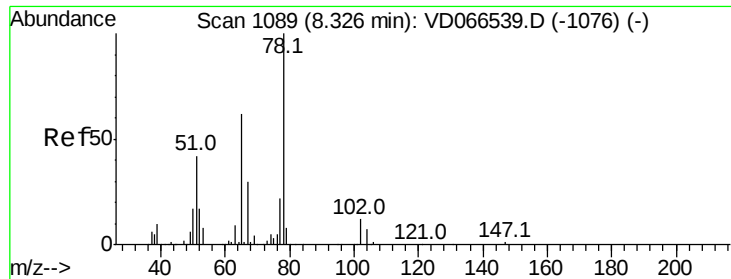


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 65.337 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

Instrument :

MSVOA_D

ClientSampleId :

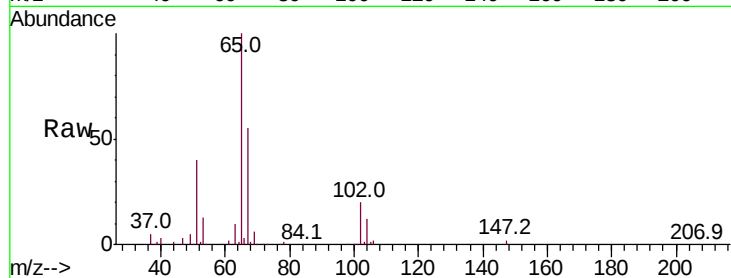
VD0910SBL02

Tot Ion: 65 Resp: 225838

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

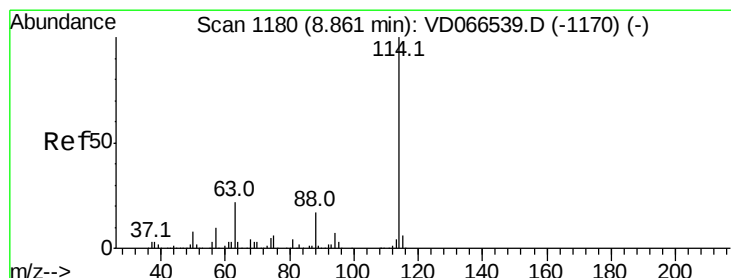
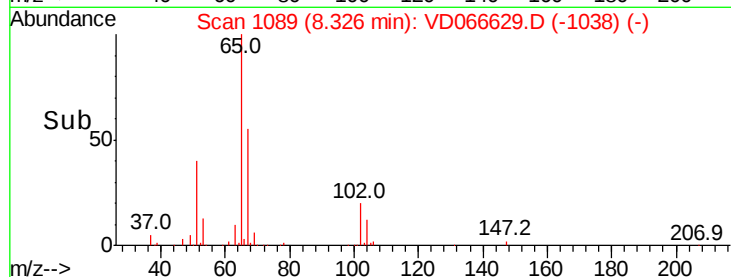
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

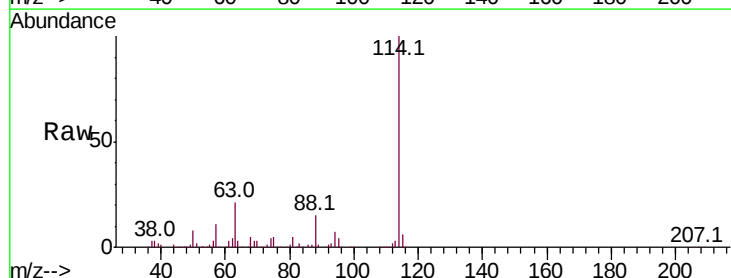
Tgt Ion: 114 Resp: 538093

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 14.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

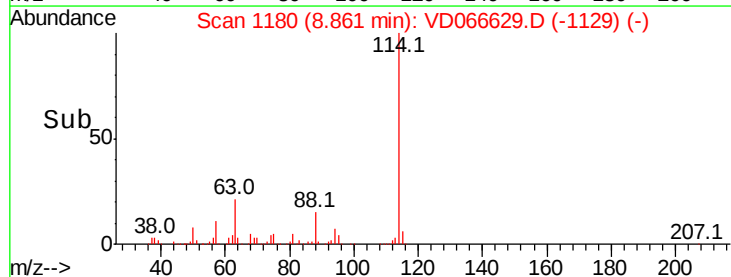
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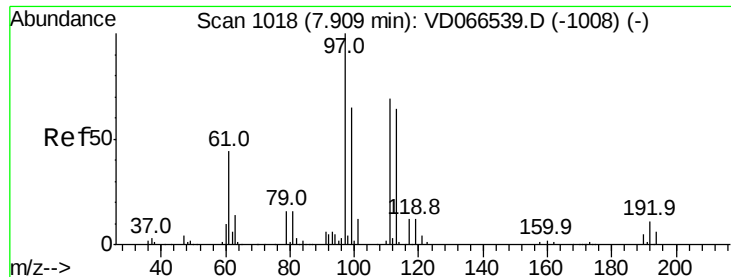
200000

100000

0

Time--> 8.80 8.90 9.00

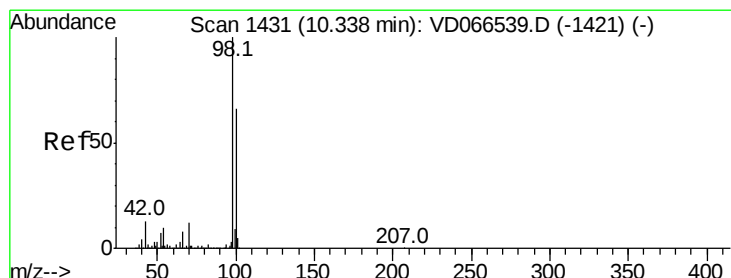
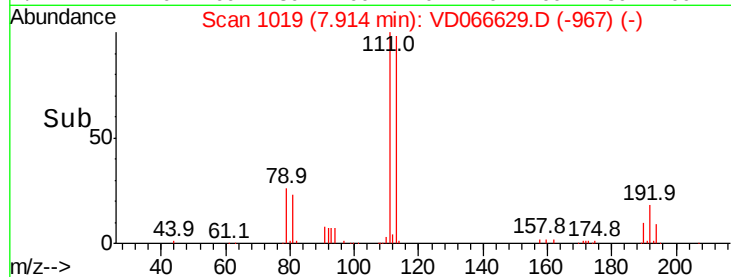
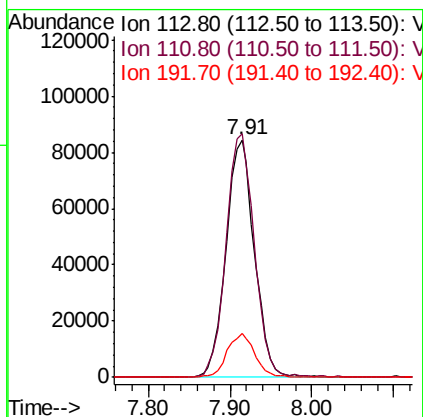
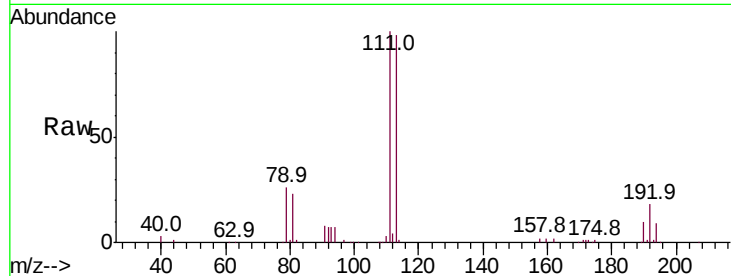




#35
 Dibromofluoromethane
 Concen: 56.269 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066629.D
 Acq: 10 Sep 2020 23:27

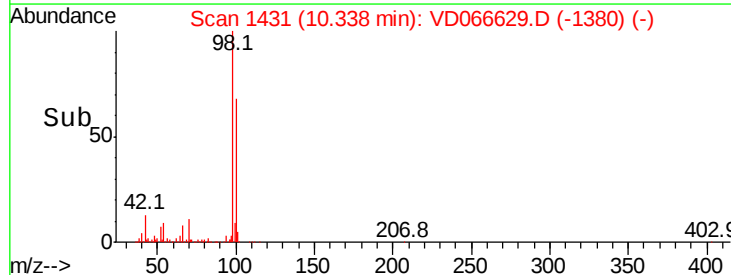
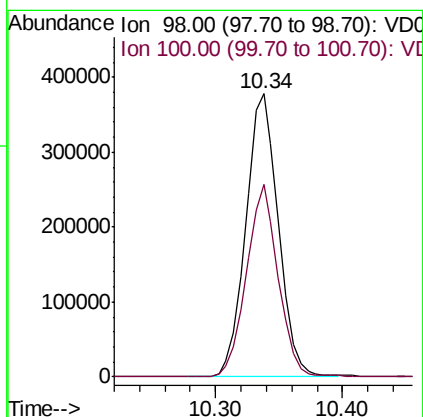
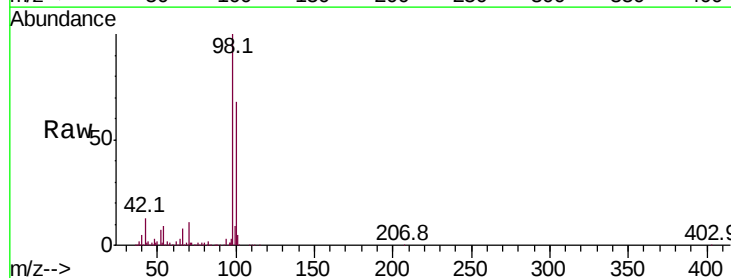
Instrument :
 MSVOA_D
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 VD0910SBL02

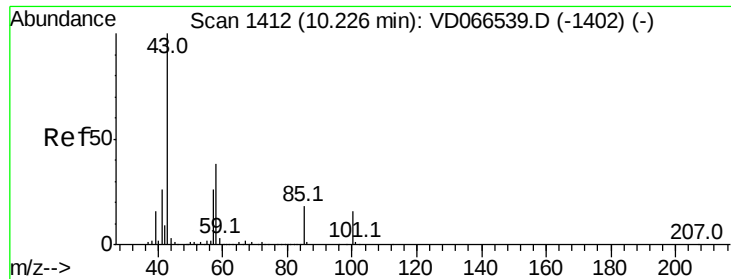
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.2	124.8
192	17.9	13.7	20.5



#50
 Toluene-d8
 Concen: 51.926 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066629.D
 Acq: 10 Sep 2020 23:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 1.393 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

Instrument :

MSVOA_D

ClientSampleId :

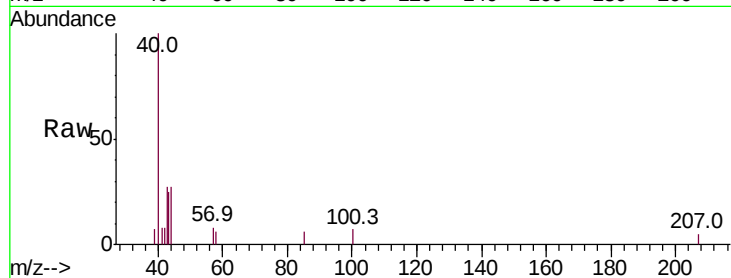
VD0910SBL02

Tot Ion: 43 Resp: 3003

Ion Ratio Lower Upper

43 100

58 31.7 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.24

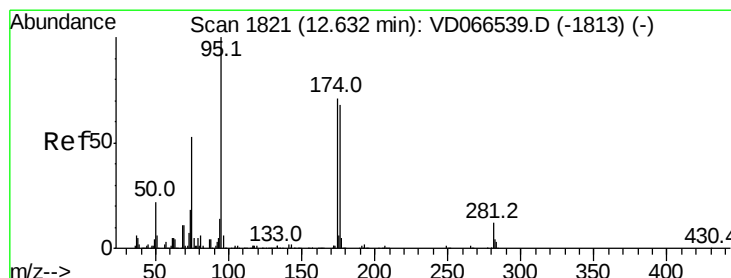
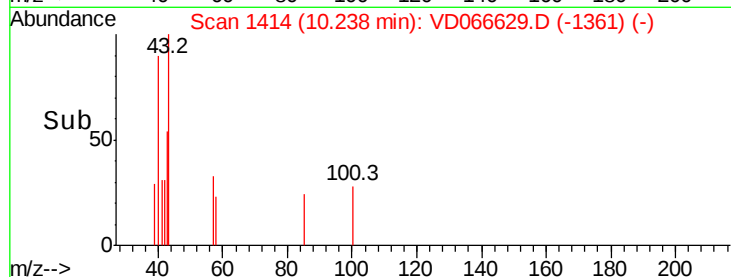
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.921 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

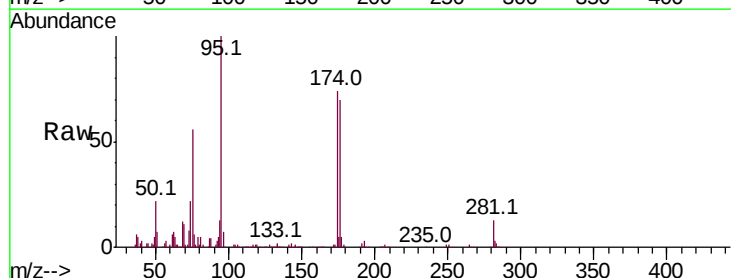
Tgt Ion: 95 Resp: 223369

Ion Ratio Lower Upper

95 100

174 73.9 0.0 155.8

176 71.4 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

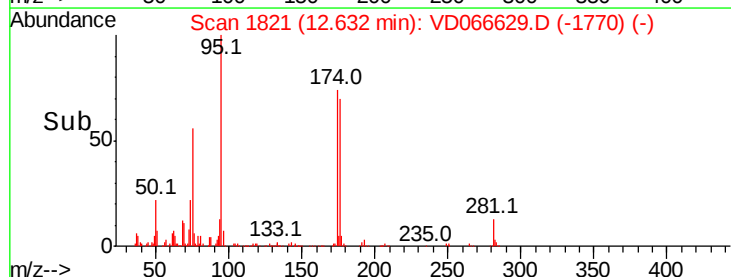
150000

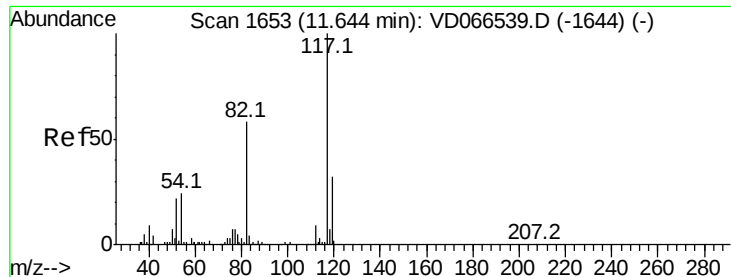
100000

50000

0

Time-->

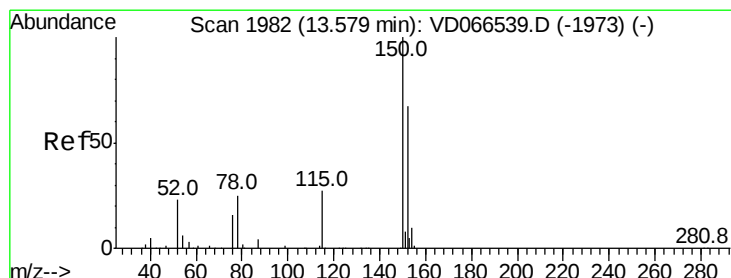
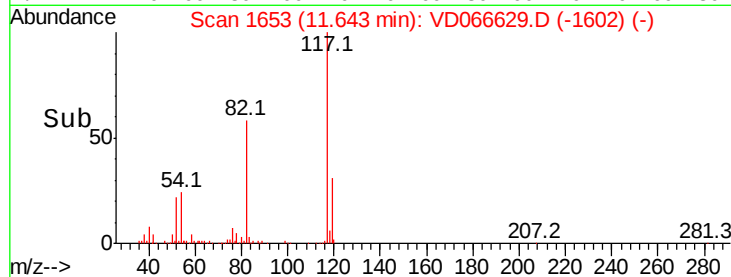
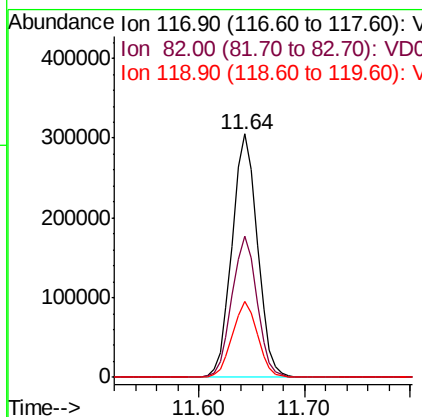
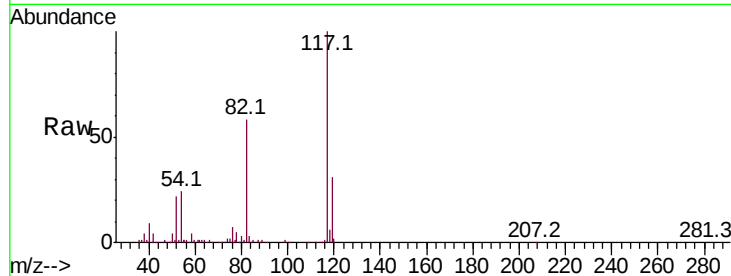




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066629.D
Acq: 10 Sep 2020 23:27

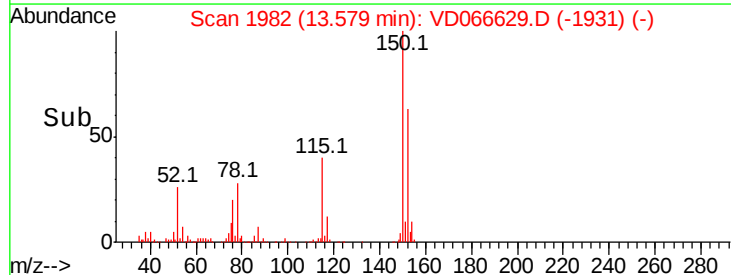
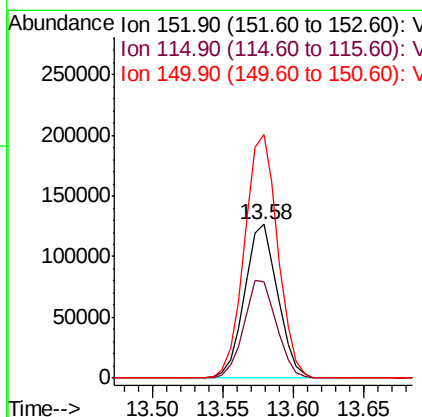
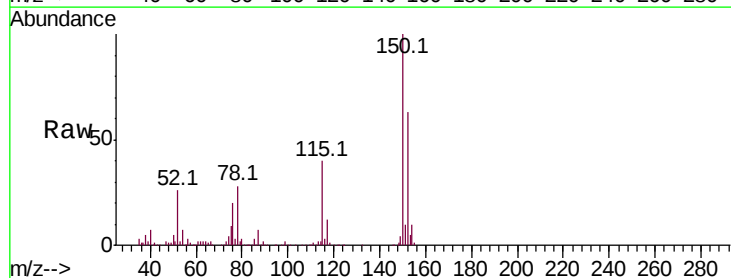
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBL02

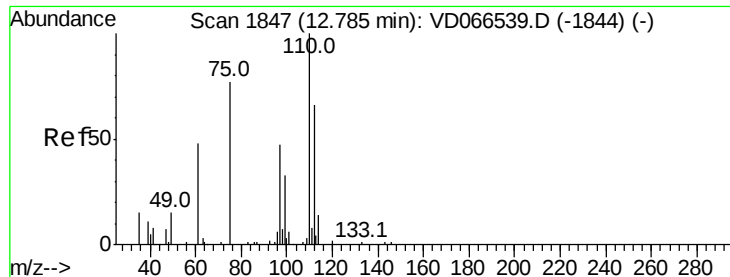
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.2
119	31.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066629.D
Acq: 10 Sep 2020 23:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.4	91.2
150	158.5	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 61.343 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

Instrument :

MSVOA_D

ClientSampleId :

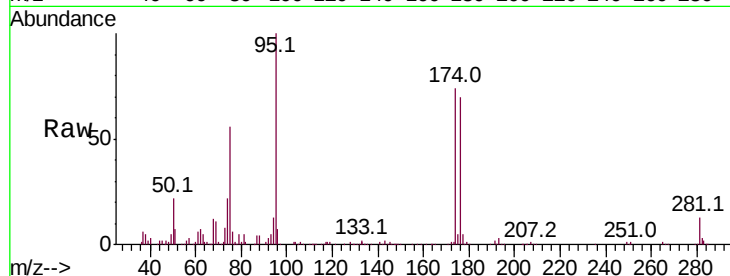
VD0910SBL02

Tot Ion: 75 Resp: 123164

Ion Ratio Lower Upper

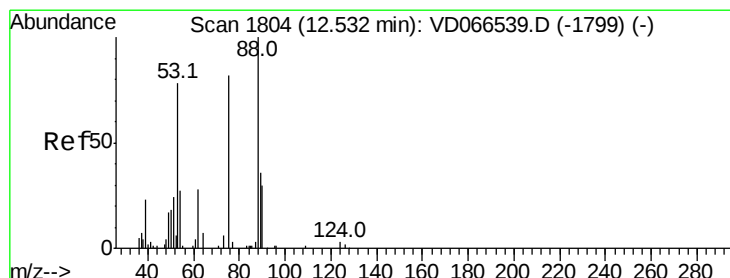
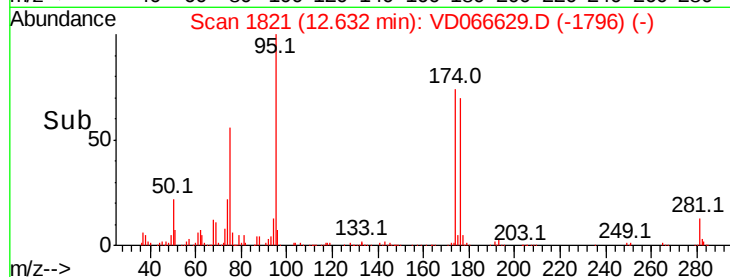
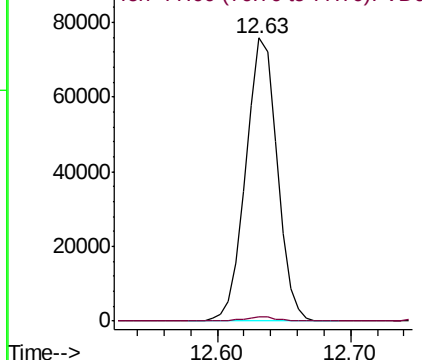
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 143.215 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066629.D

Acq: 10 Sep 2020 23:27

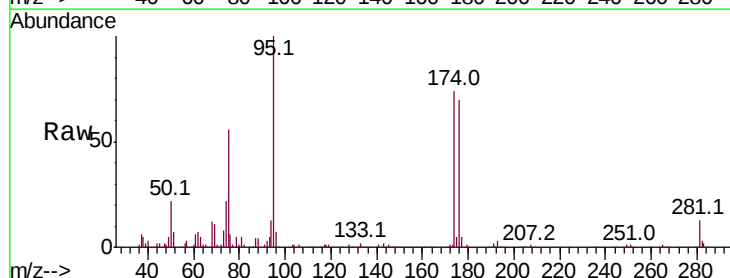
Tgt Ion: 75 Resp: 123164

Ion Ratio Lower Upper

75 100

53 0.0 87.0 130.4#

89 0.1 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

