

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067428.D
 Acq On : 28 Oct 2020 12:37
 Operator : VA/SY
 Sample : VD1028SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1028SBL02

Quant Time: Oct 29 00:43:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

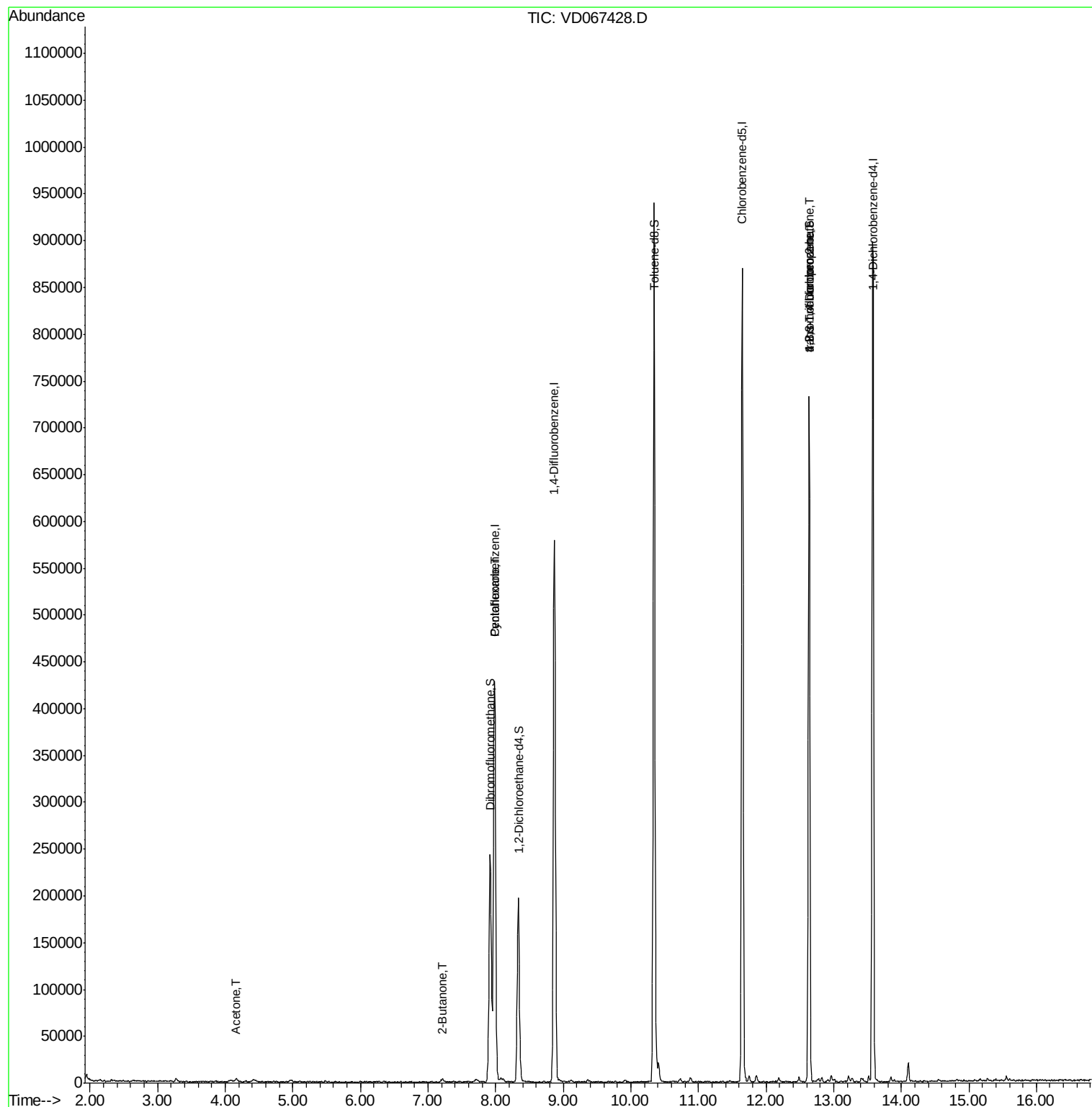
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	339251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	542183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	521391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	165138	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
35) Dibromofluoromethane	7.92	113	171730	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	10.34	98	641148	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.64	95	225320	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1203	Below Cal		91
5) Bromomethane	2.77	94	586	Below Cal	#	69
16) Acetone	4.17	43	6068	12.748	ug/l	95
20) Methylene Chloride	4.96	84	1332	Below Cal	#	73
25) 2-Butanone	7.21	43	573	1.056	ug/l #	45
31) Cyclohexane	7.98	56	7320	1.870	ug/l #	37
76) 1,2,3-Trichloropropane	12.64	75	115737	64.149	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	115737	145.472	ug/l #	10

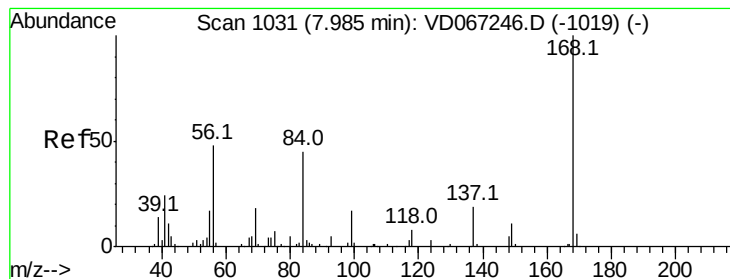
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102820\
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Acq On : 28 Oct 2020 12:37
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Quant Time: Oct 29 00:43:52 2020
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QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067428.D

Acq: 28 Oct 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

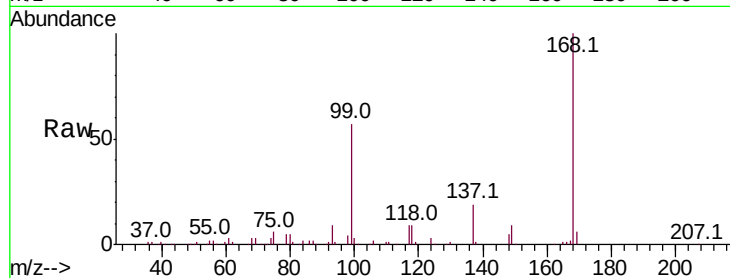
VD1028SBL02

Tot Ion:168 Resp: 339251

Ion Ratio Lower Upper

168 100

99 57.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

100000

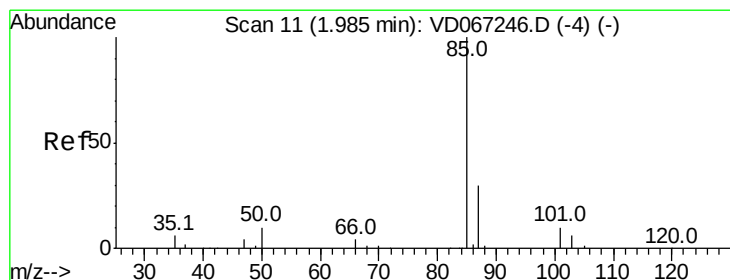
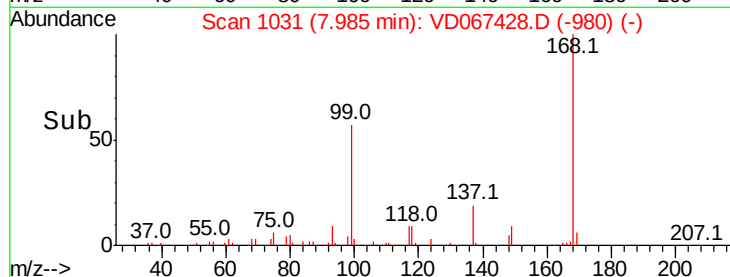
50000

0

7.98

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067428.D

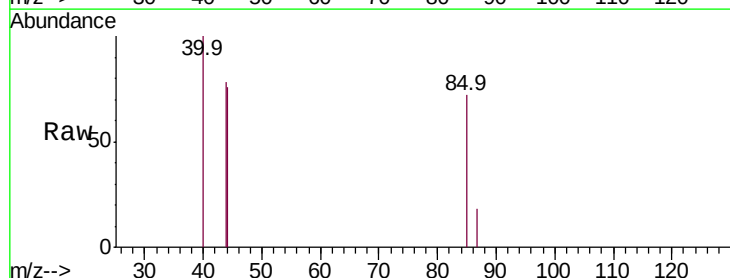
Acq: 28 Oct 2020 12:37

Tgt Ion: 85 Resp: 1203

Ion Ratio Lower Upper

85 100

87 25.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1200

1000

800

600

400

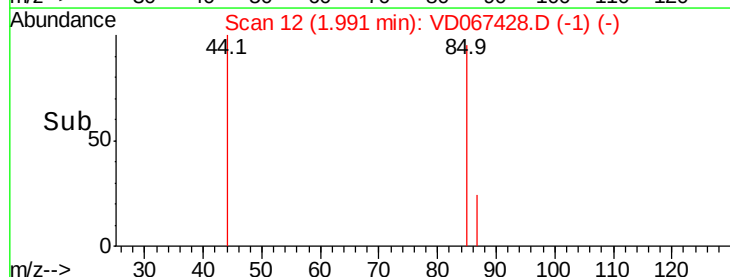
200

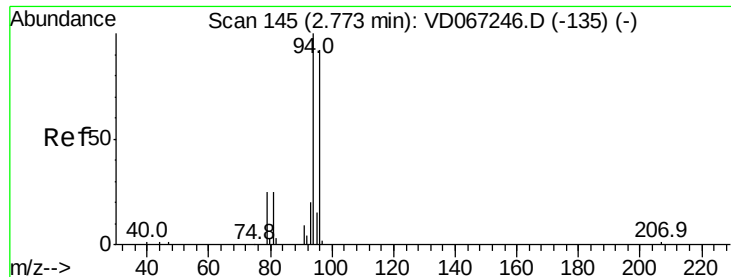
0

1.99

1.96 1.98 2.00 2.02

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067428.D

Acq: 28 Oct 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

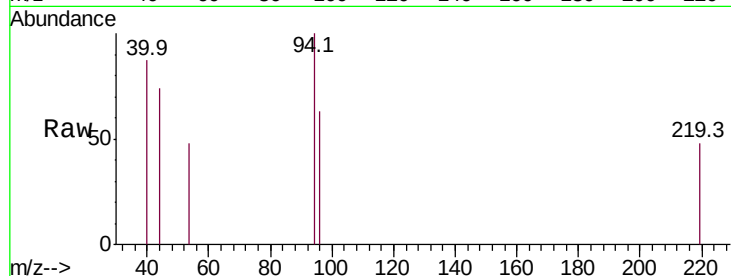
VD1028SBL02

Tot Ion: 94 Resp: 586

Ion Ratio Lower Upper

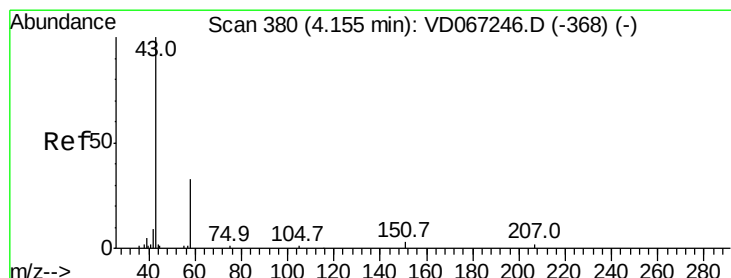
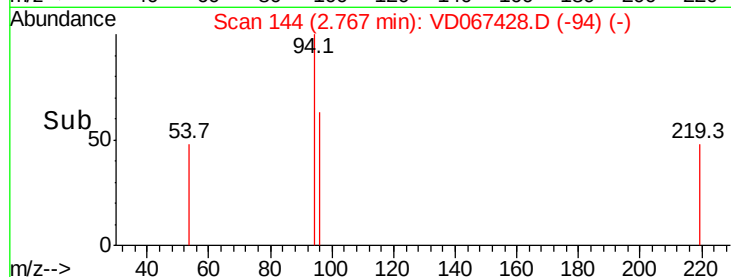
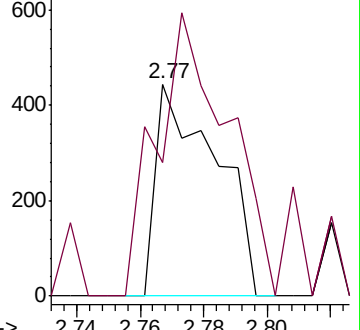
94 100

96 62.8 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#16

Acetone

Concen: 12.748 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067428.D

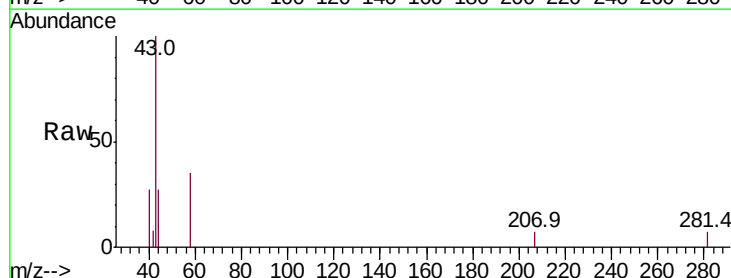
Acq: 28 Oct 2020 12:37

Tgt Ion: 43 Resp: 6068

Ion Ratio Lower Upper

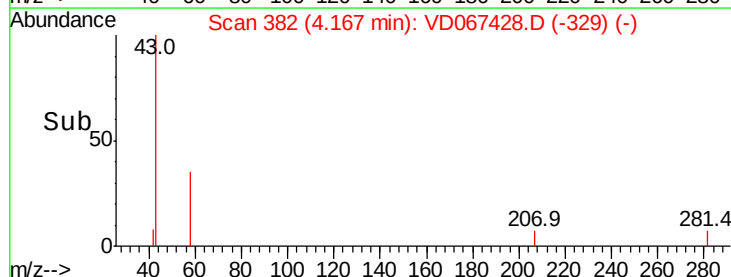
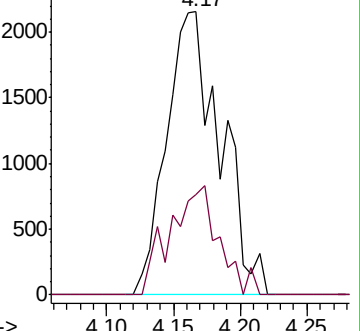
43 100

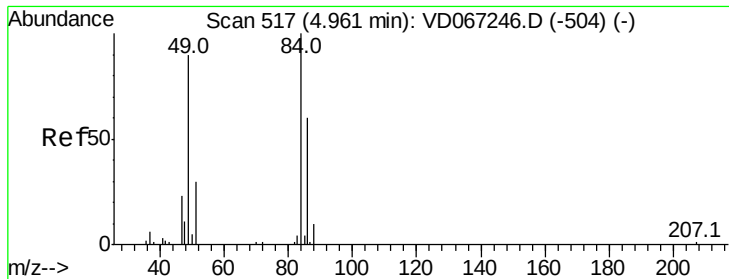
58 35.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

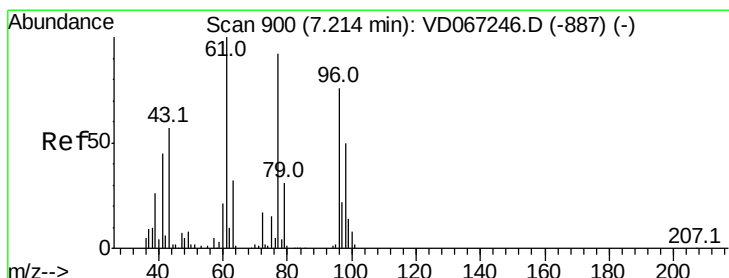
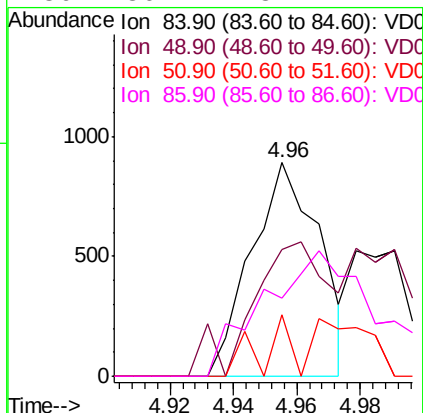
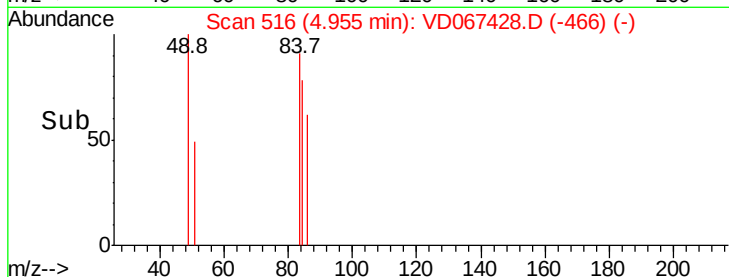
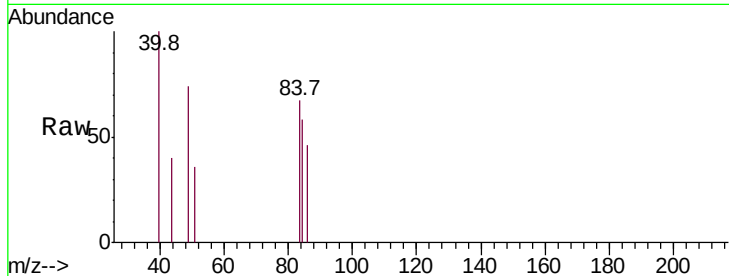




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067428.D
Acq: 28 Oct 2020 12:37

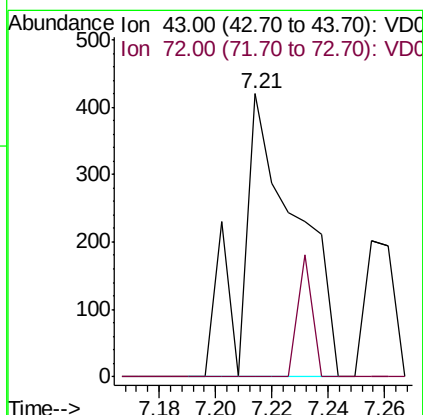
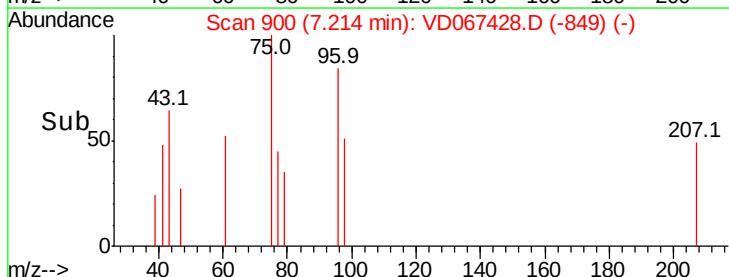
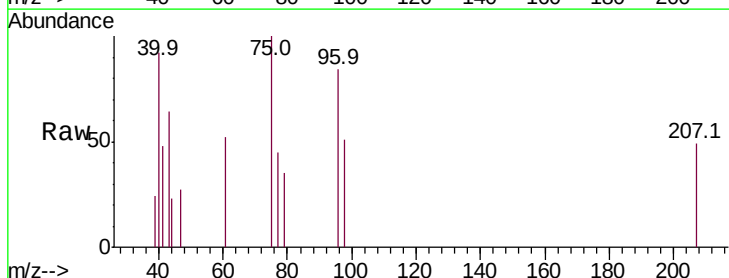
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL02

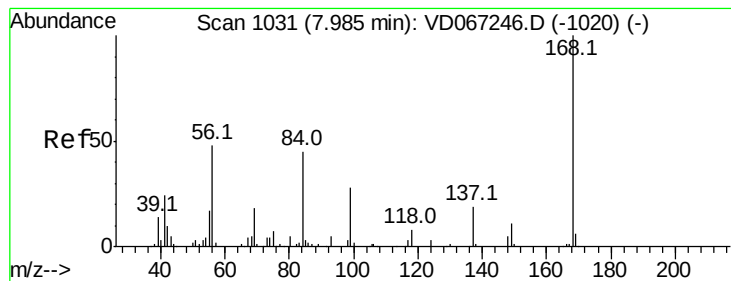
Tot Ion: 84 Resp: 1332
Ion Ratio Lower Upper
84 100
49 59.3 72.2 108.2#
51 28.8 23.8 35.8
86 36.7 48.2 72.4#



#25
2-Butanone
Concen: 1.056 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067428.D
Acq: 28 Oct 2020 12:37

Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#31

Cyclohexane

Concen: 1.870 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067428.D

Acq: 28 Oct 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD1028SBL02

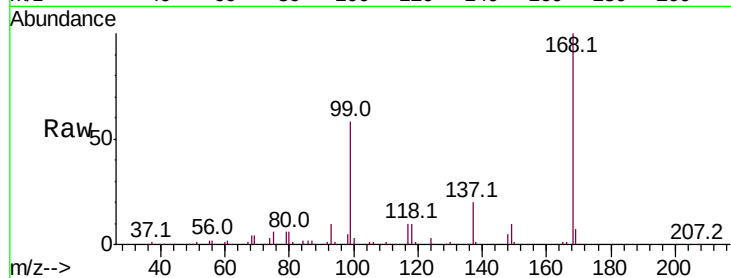
Tot Ion: 56 Resp: 7320

Ion Ratio Lower Upper

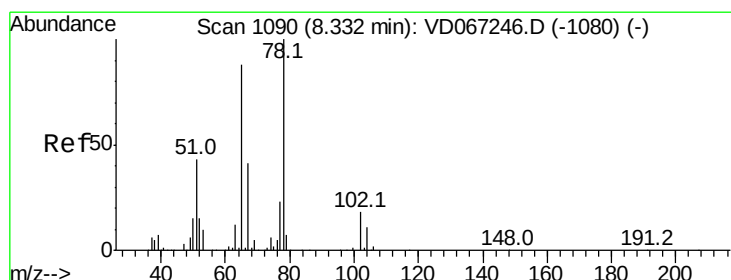
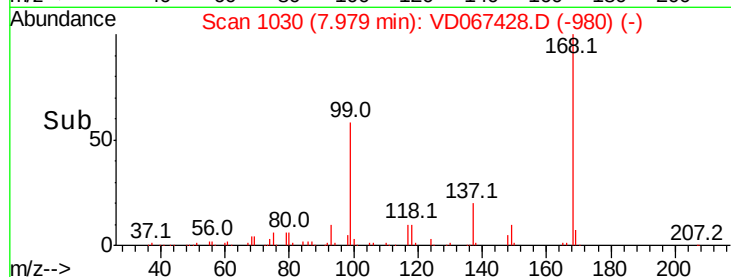
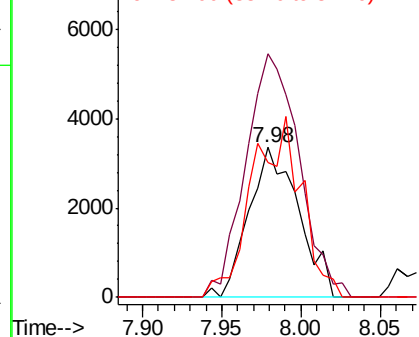
56 100

69 162.6 29.8 44.6#

84 90.3 76.6 114.8



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: 48.587 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067428.D

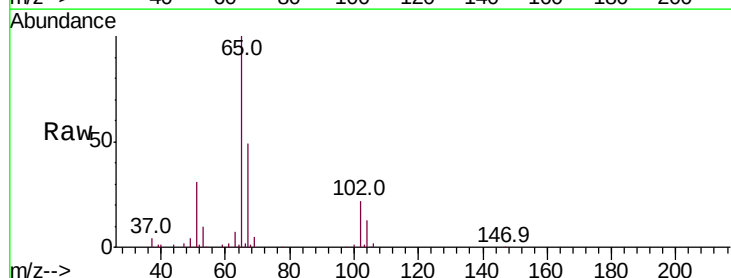
Acq: 28 Oct 2020 12:37

Tgt Ion: 65 Resp: 165138

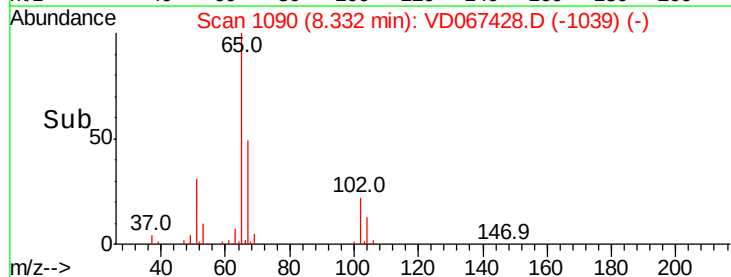
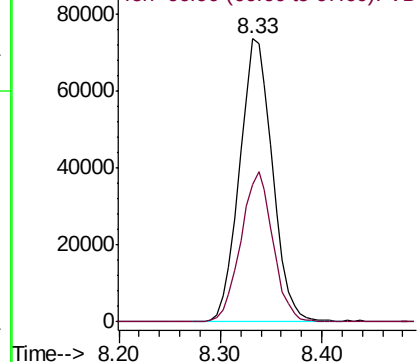
Ion Ratio Lower Upper

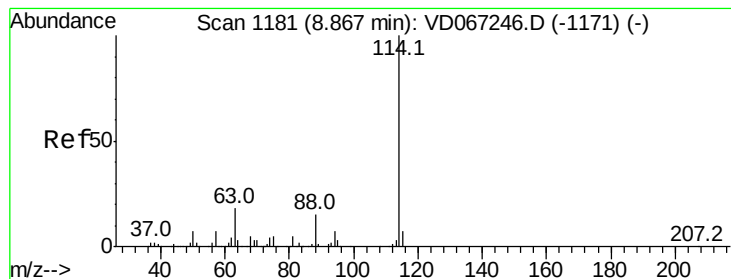
65 100

67 51.7 0.0 103.8



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: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067428.D

Acq: 28 Oct 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD1028SBL02

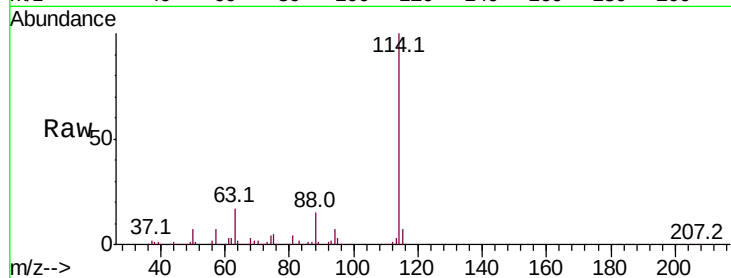
Tot Ion:114 Resp: 542183

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

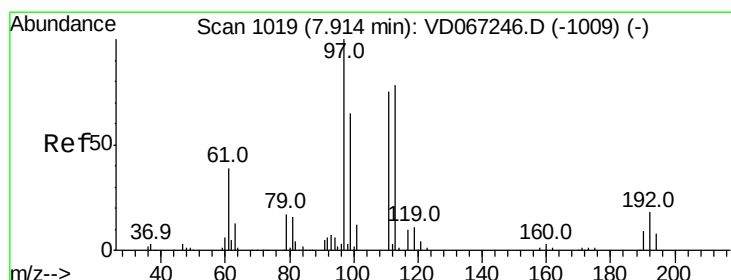
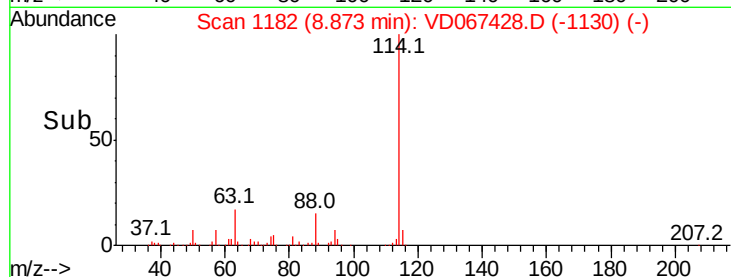
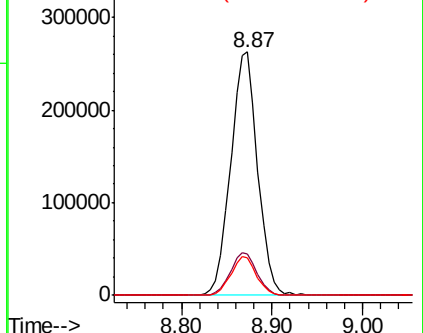
88 15.5 0.0 30.6



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: 47.594 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067428.D

Acq: 28 Oct 2020 12:37

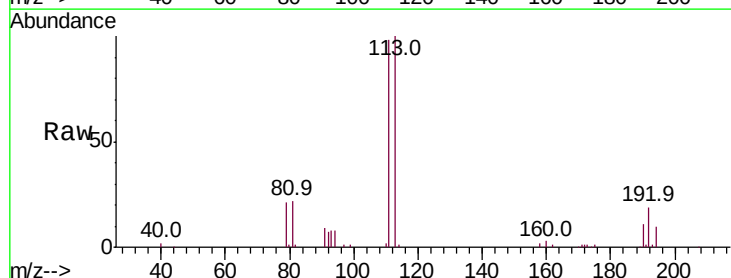
Tgt Ion:113 Resp: 171730

Ion Ratio Lower Upper

113 100

111 104.0 81.6 122.4

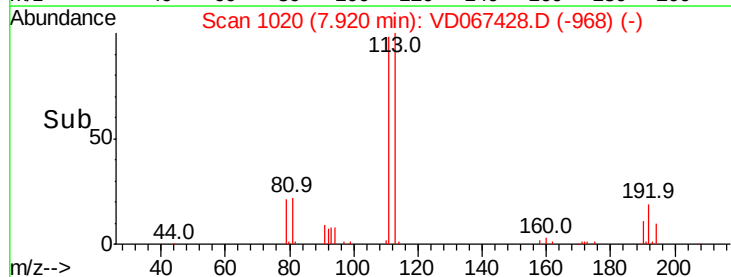
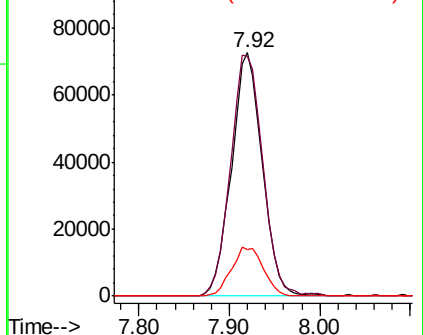
192 20.6 17.0 25.4

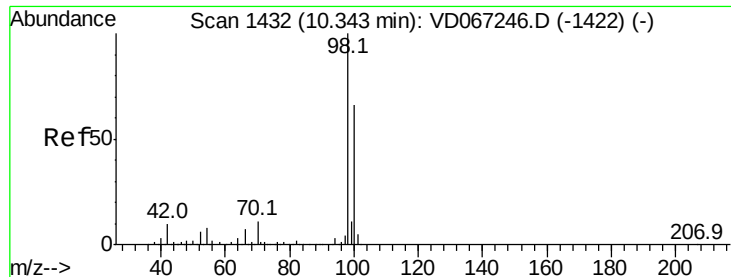


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

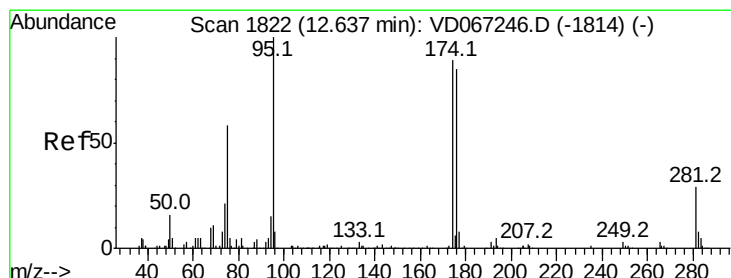
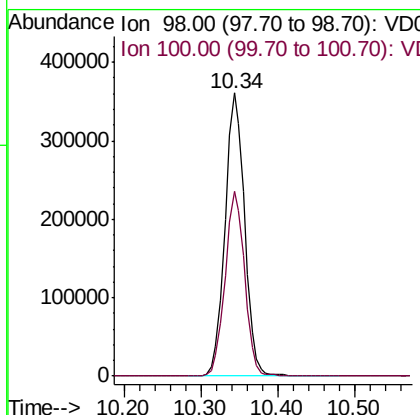
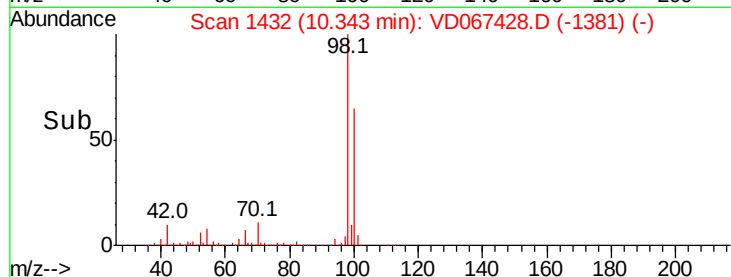
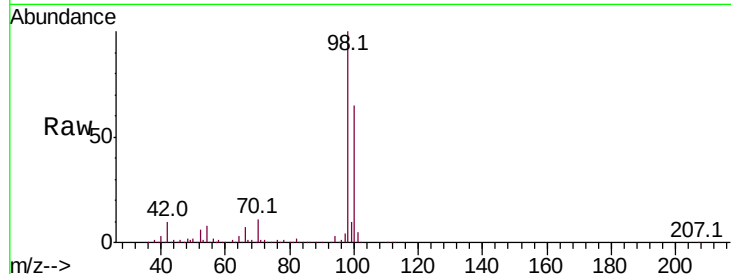




#50
Toluene-d8
Concen: 49.100 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067428.D
Acq: 28 Oct 2020 12:37

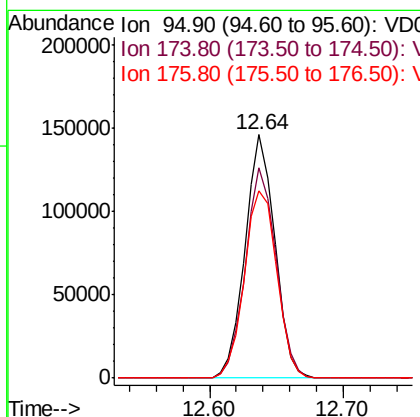
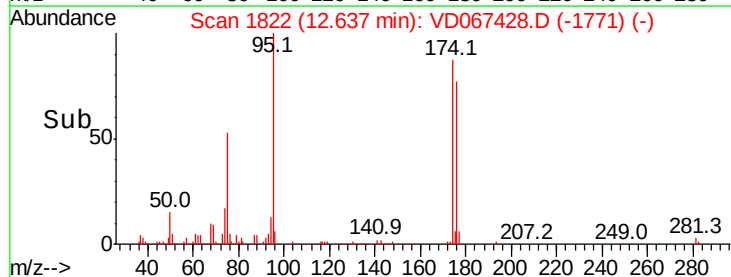
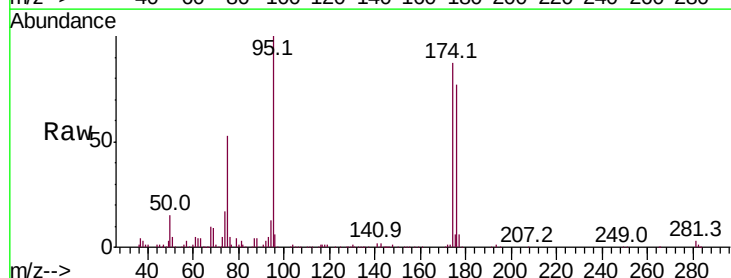
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL02

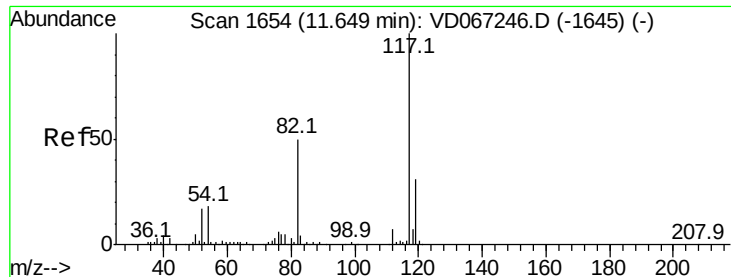
Tot Ion: 98 Resp: 641148
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.624 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067428.D
Acq: 28 Oct 2020 12:37

Tgt Ion: 95 Resp: 225320
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.2
176 83.8 0.0 168.6

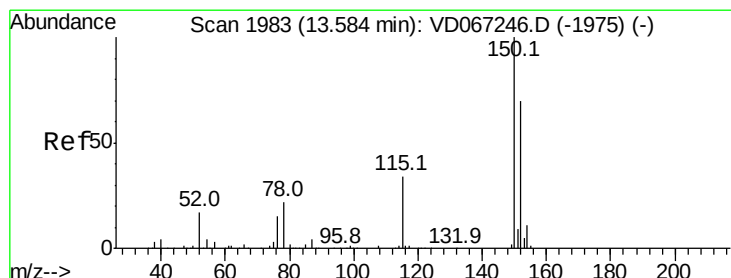
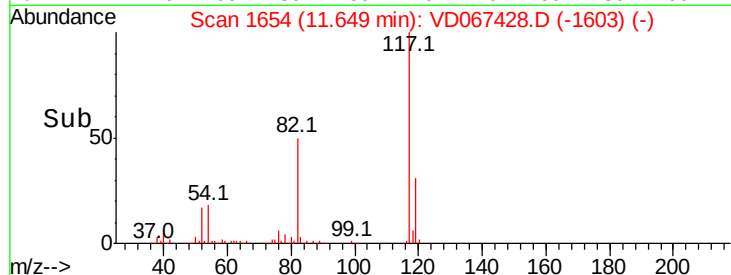
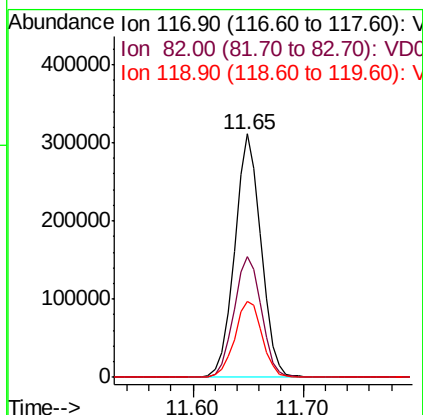
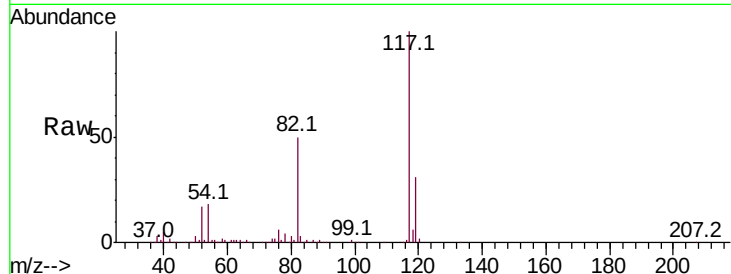




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067428.D
Acq: 28 Oct 2020 12:37

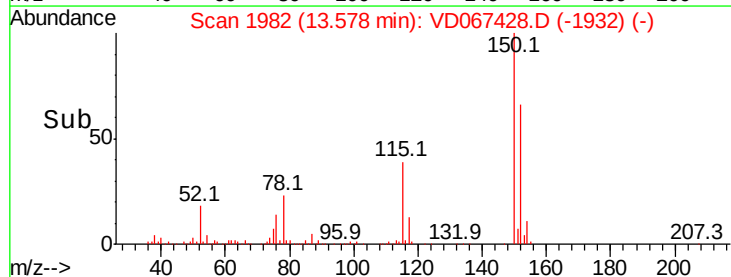
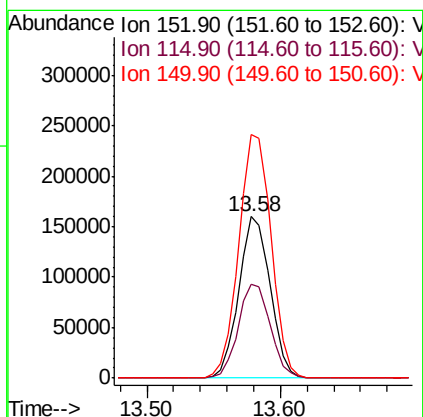
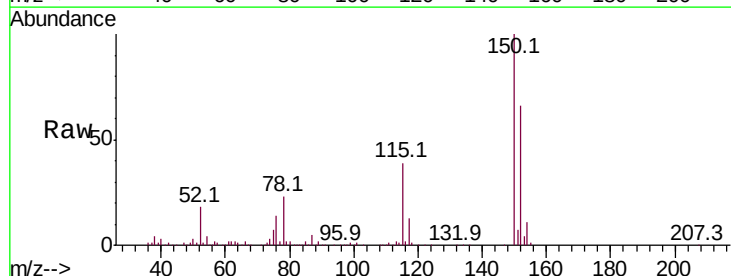
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL02

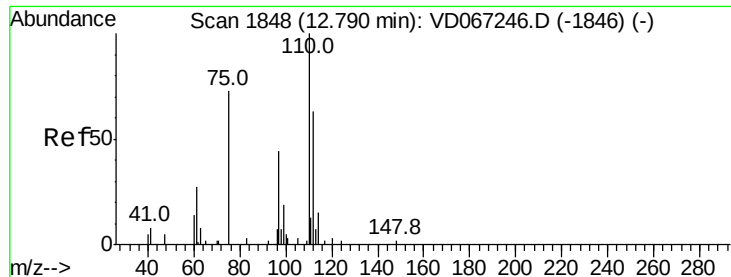
Tot Ion:117 Resp: 521391
Ion Ratio Lower Upper
117 100
82 49.6 39.9 59.9
119 31.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067428.D
Acq: 28 Oct 2020 12:37

Tgt Ion:152 Resp: 260308
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.9
150 155.3 0.0 339.0





#76

1,2,3-Trichloropropane

Concen: 64.149 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067428.D

Acq: 28 Oct 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

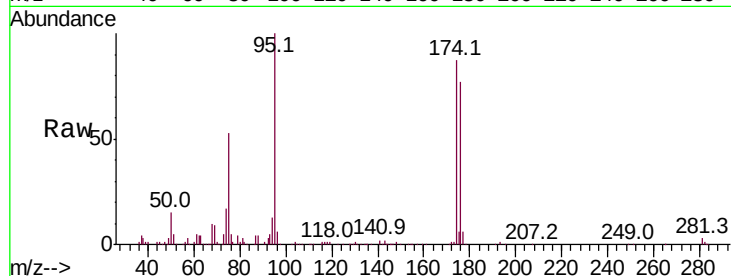
VD1028SBL02

Tot Ion: 75 Resp: 115737

Ion Ratio Lower Upper

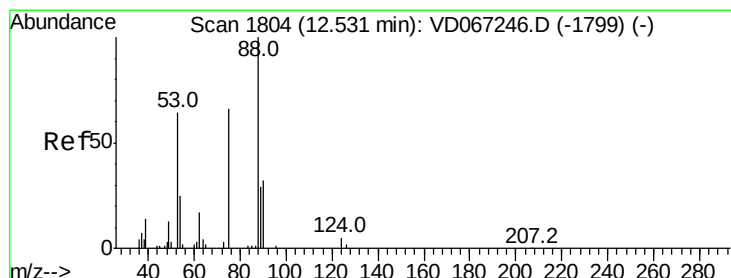
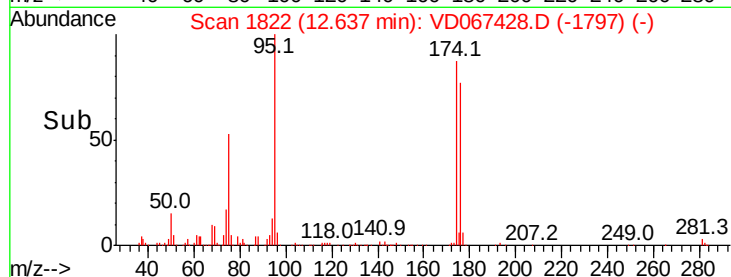
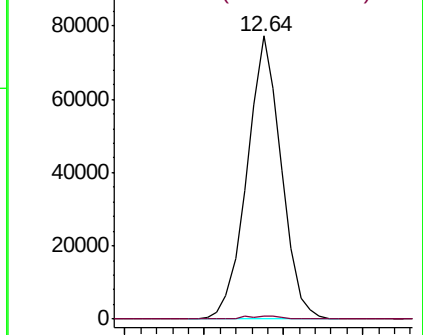
75 100

77 1.3 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: 145.472 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067428.D

Acq: 28 Oct 2020 12:37

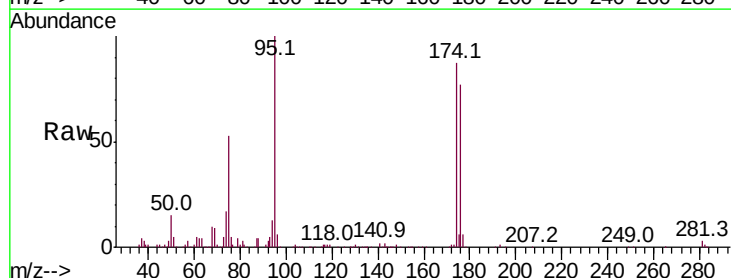
Tgt Ion: 75 Resp: 115737

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 39.9 59.9#



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

