

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067675.D
 Acq On : 18 Nov 2020 10:17
 Operator : VA/SY
 Sample : VD1118SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBL01

Quant Time: Nov 19 00:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	249795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	398622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	361654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	163826	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	112794	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.92	113	111871	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	10.34	98	371517	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
62) 4-Bromofluorobenzene	12.64	95	126487	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.82%	

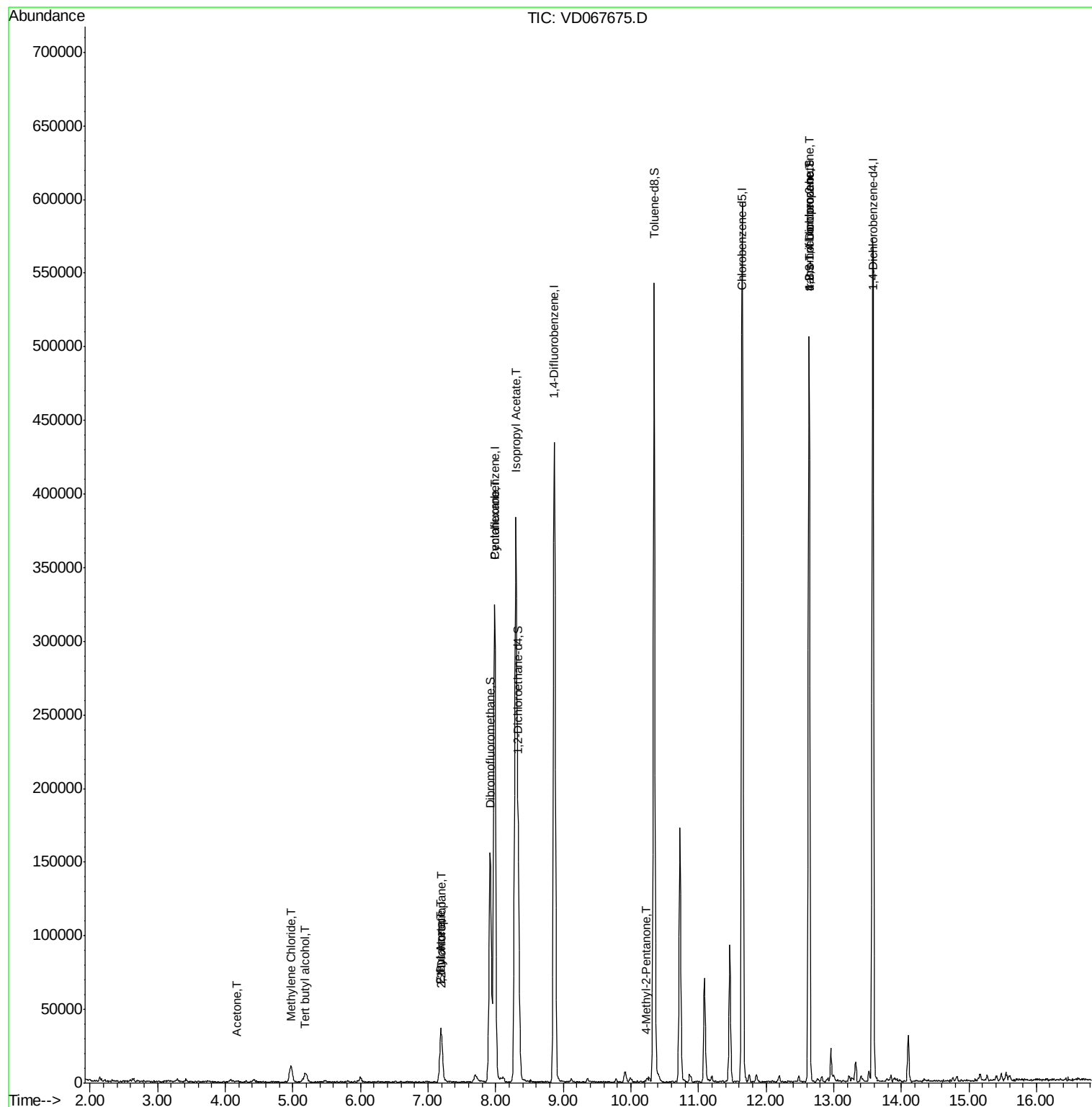
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	747	Below Cal	#	44
11) Tert butyl alcohol	5.18	59	5940	46.679	ug/l #	79
16) Acetone	4.17	43	990	3.029	ug/l #	59
20) Methylene Chloride	4.97	84	9491	4.111	ug/l #	80
25) 2-Butanone	7.19	43	1960	5.612	ug/l #	42
26) 2,2-Dichloropropane	7.20	77	4000	1.065	ug/l #	54
31) Cyclohexane	7.98	56	5397	1.704	ug/l #	30
37) Ethyl Acetate	7.19	43	1960	2.213	ug/l #	30
43) Isopropyl Acetate	8.30	43	7082	4.042	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	2120	2.530	ug/l #	83
76) 1,2,3-Trichloropropane	12.64	75	67154	67.950	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	67154	137.956	ug/l #	10

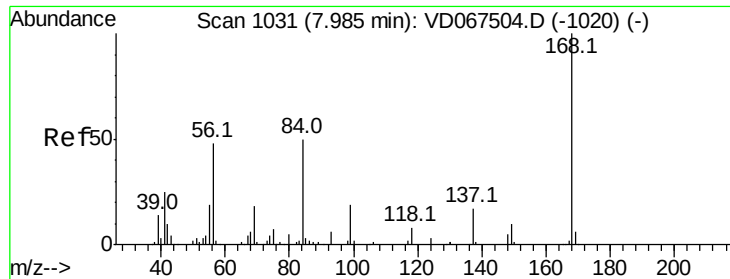
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
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Quant Time: Nov 19 00:25:01 2020
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

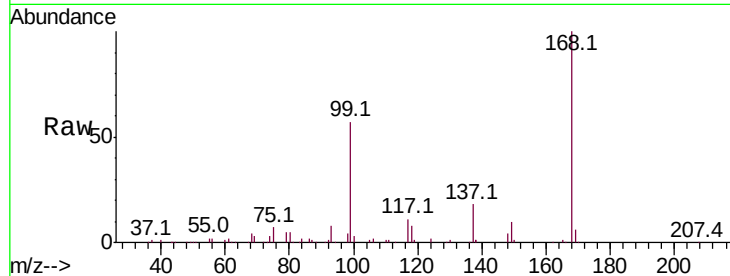
VD1118SBL01

Tot Ion:168 Resp: 249795

Ion Ratio Lower Upper

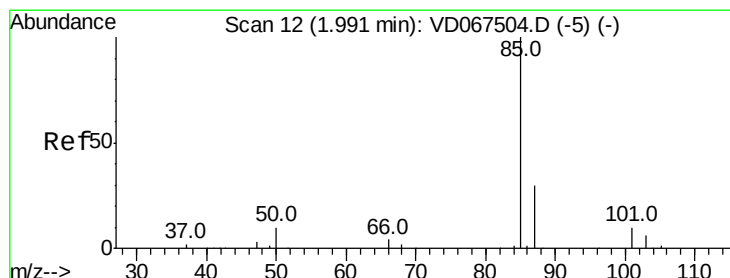
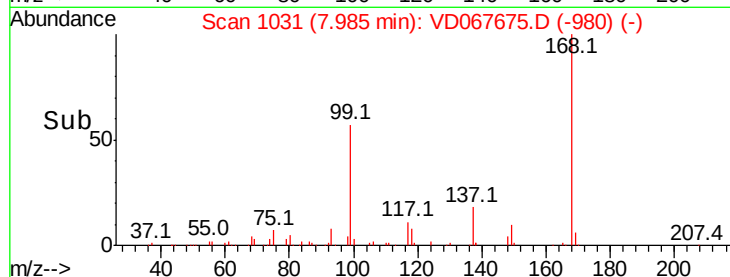
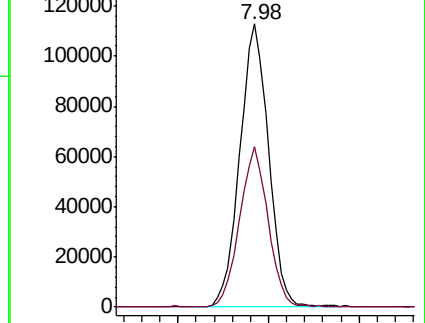
168 100

99 56.3 45.0 67.6



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. -0.00 min

Lab File: VD067675.D

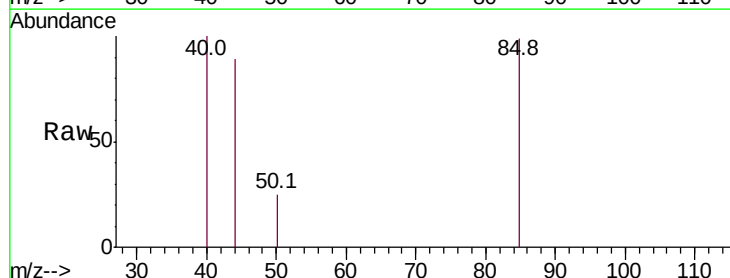
Acq: 18 Nov 2020 10:17

Tgt Ion: 85 Resp: 747

Ion Ratio Lower Upper

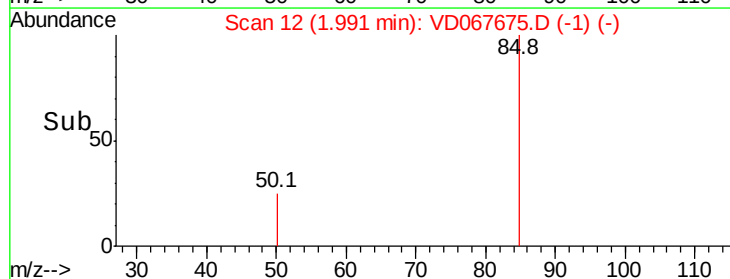
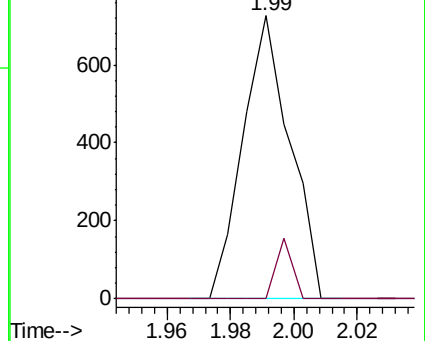
85 100

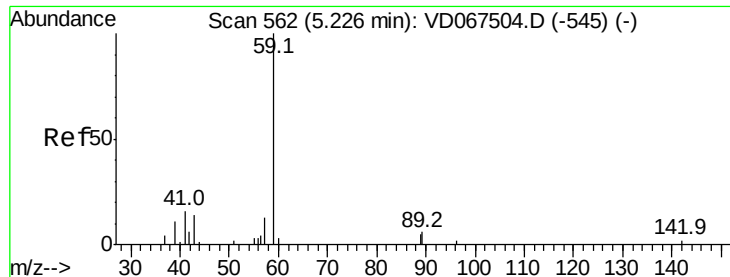
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



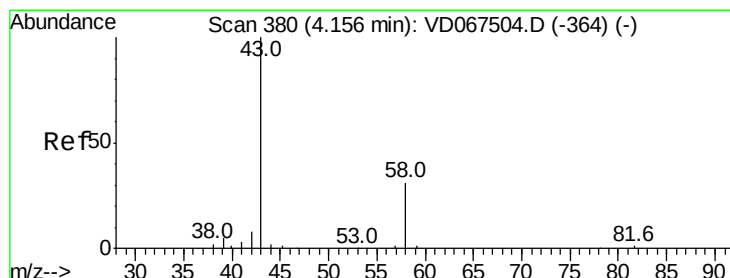
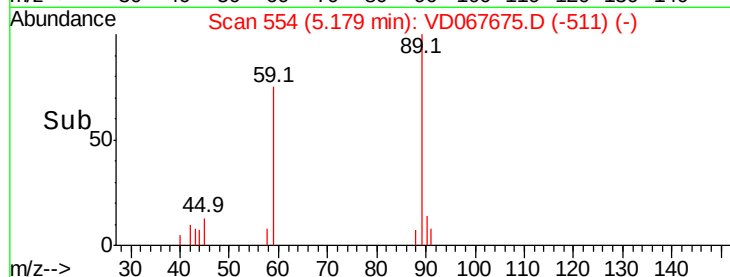
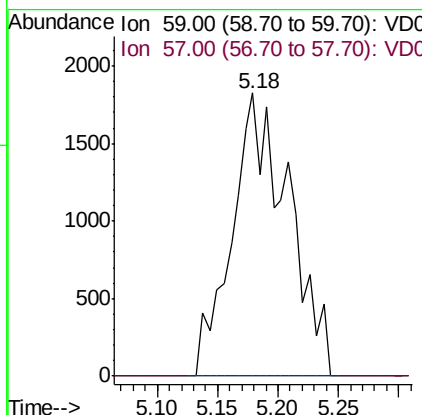
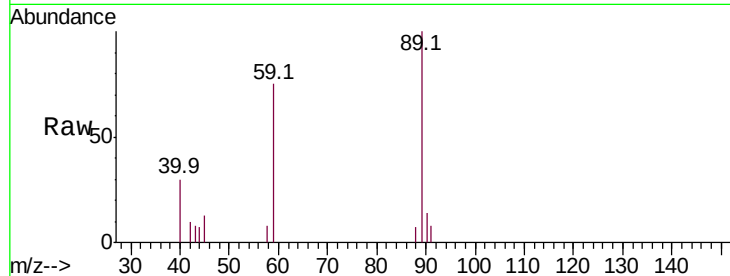


#11

Tert butyl alcohol
 Concen: 46.679 ug/l
 RT: 5.18 min Scan# 554
 Delta R.T. -0.05 min
 Lab File: VD067675.D
 Acq: 18 Nov 2020 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBL01

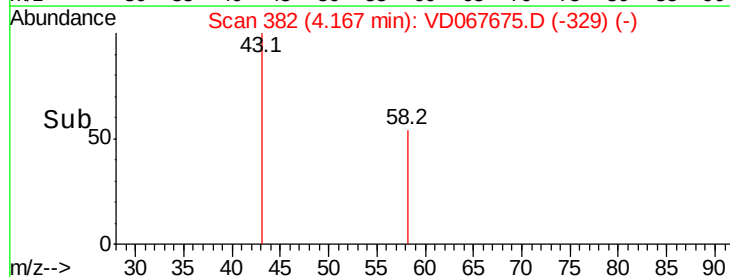
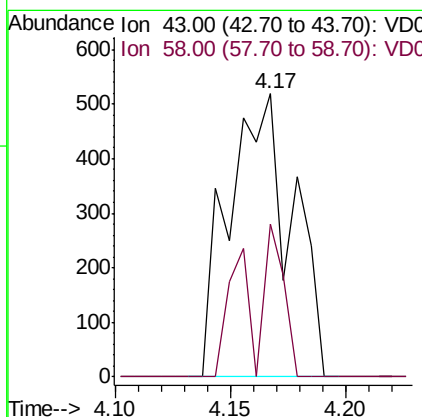
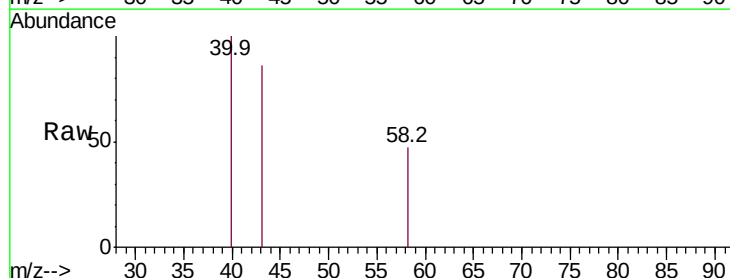
Tot Ion: 59 Resp: 5940
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

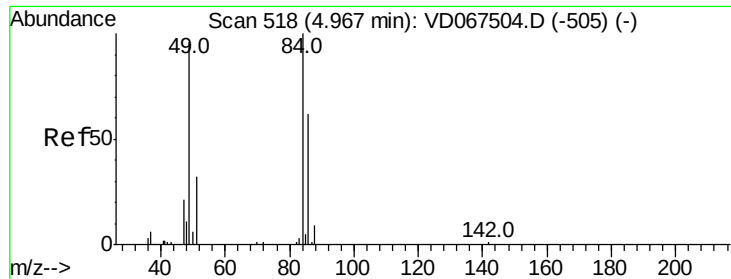


#16

Acetone
 Concen: 3.029 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD067675.D
 Acq: 18 Nov 2020 10:17

Tgt Ion: 43 Resp: 990
 Ion Ratio Lower Upper
 43 100
 58 53.9 25.2 37.8#

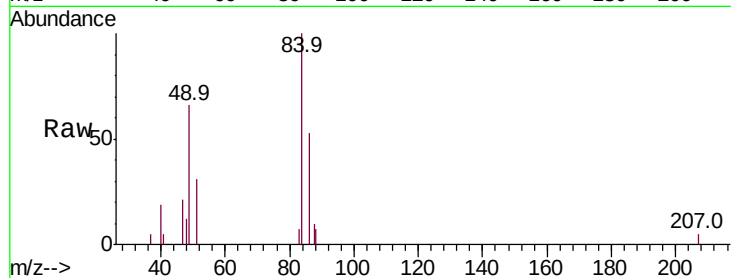




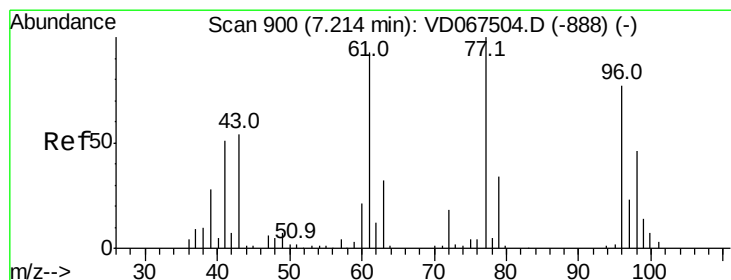
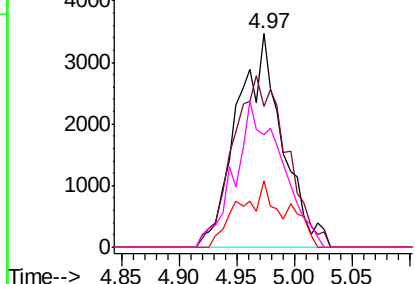
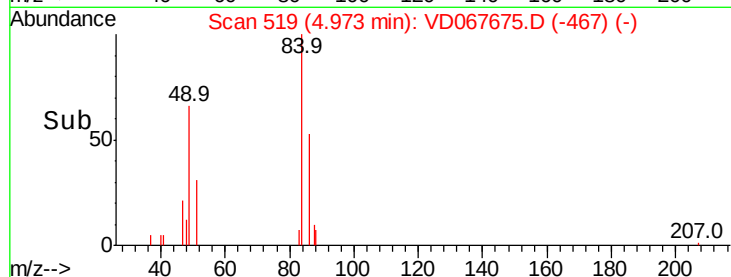
#20
Methylene Chloride
Concen: 4.111 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067675.D
Acq: 18 Nov 2020 10:17

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBL01

Tot Ion: 84 Resp: 9491
Ion Ratio Lower Upper
84 100
49 65.7 77.0 115.4#
51 31.2 25.4 38.2
86 52.6 49.4 74.0

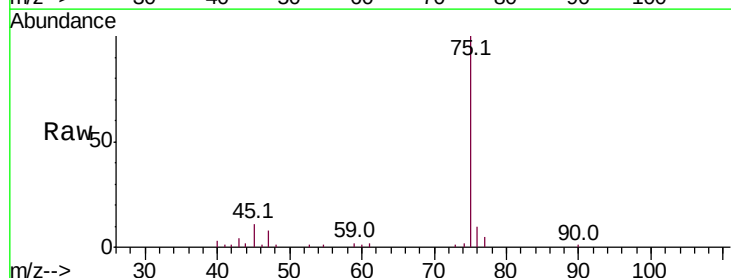


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

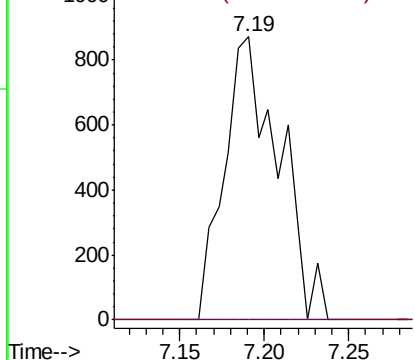
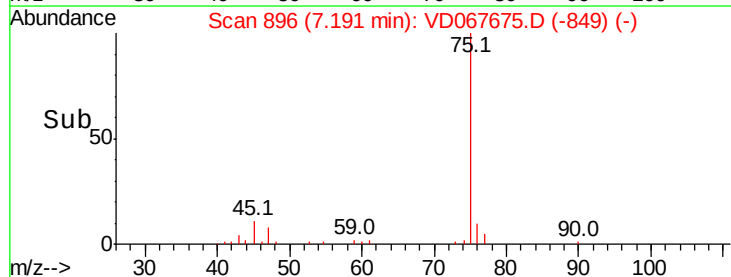


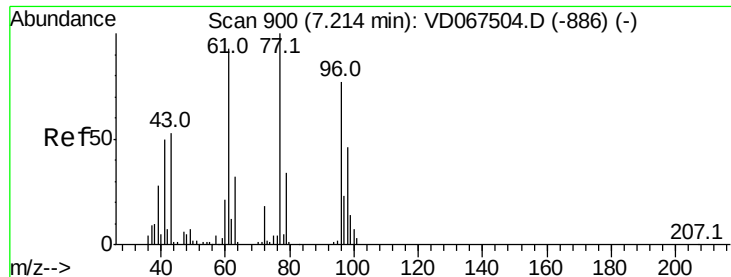
#25
2-Butanone
Concen: 5.612 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD067675.D
Acq: 18 Nov 2020 10:17

Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC





#26

2,2-Dichloropropane

Concen: 1.065 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

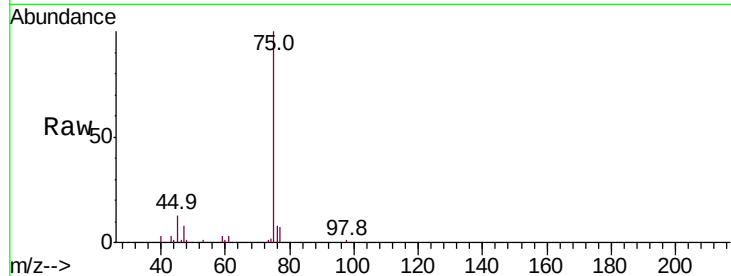
VD1118SBL01

Tot Ion: 77 Resp: 4000

Ion Ratio Lower Upper

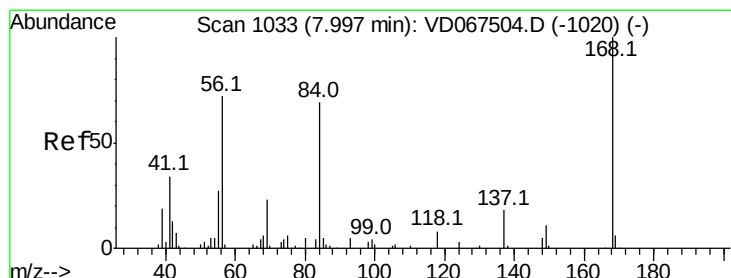
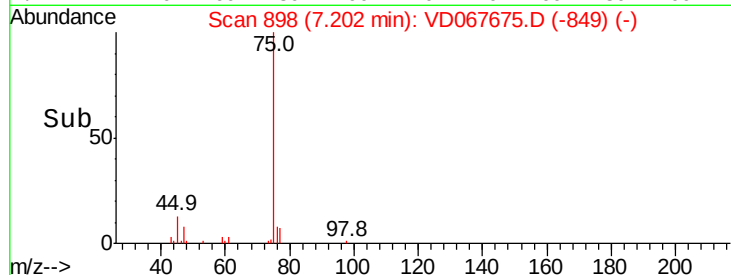
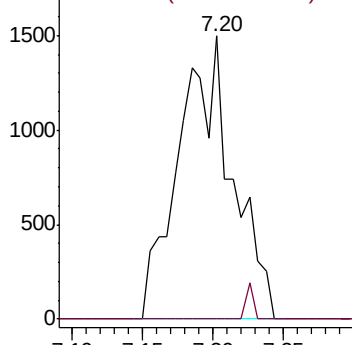
77 100

97 0.0 11.1 33.3#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



#31

Cyclohexane

Concen: 1.704 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.02 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

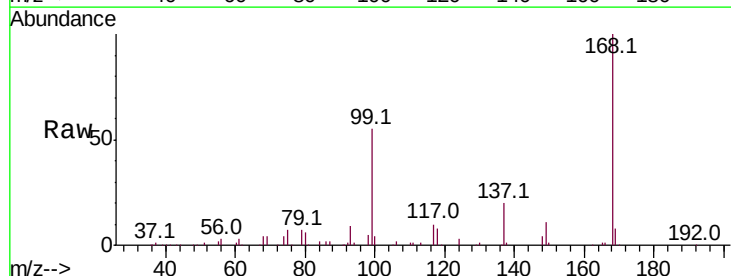
Tgt Ion: 56 Resp: 5397

Ion Ratio Lower Upper

56 100

69 162.7 25.9 38.9#

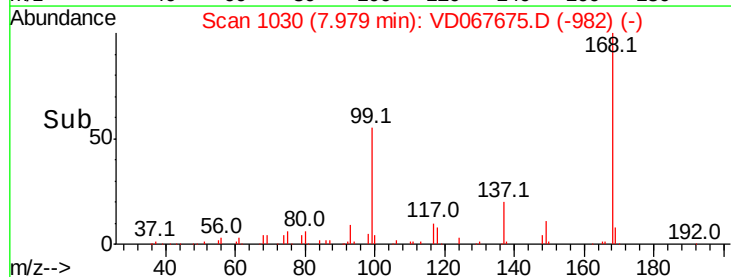
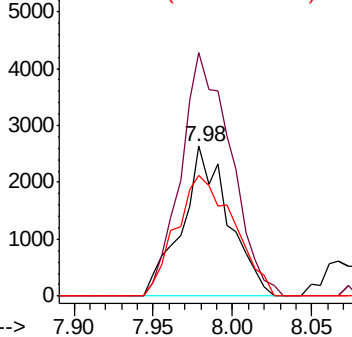
84 80.8 76.2 114.4

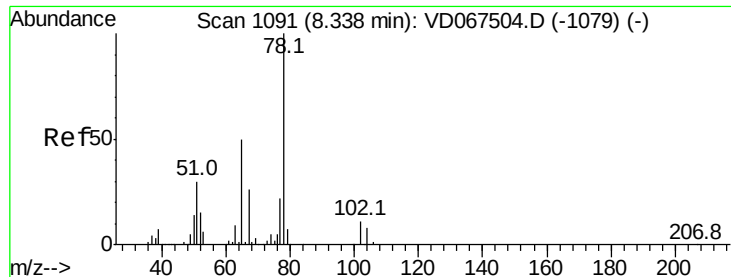


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.641 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

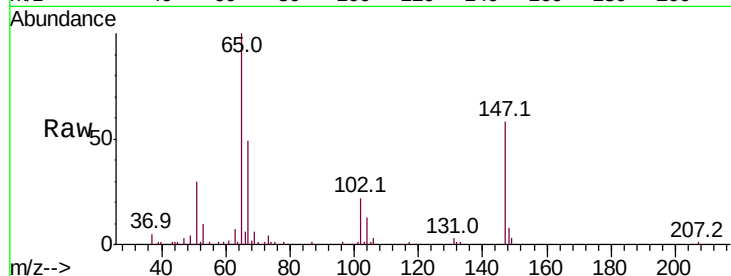
VD1118SBL01

Tot Ion: 65 Resp: 112794

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

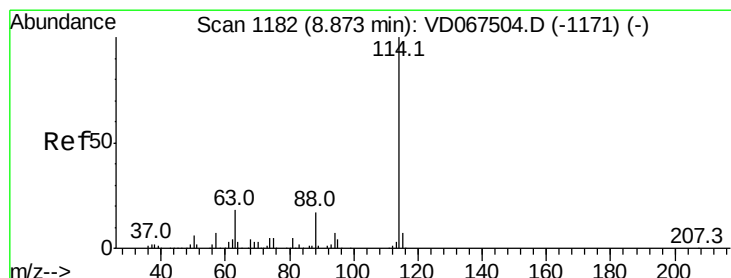
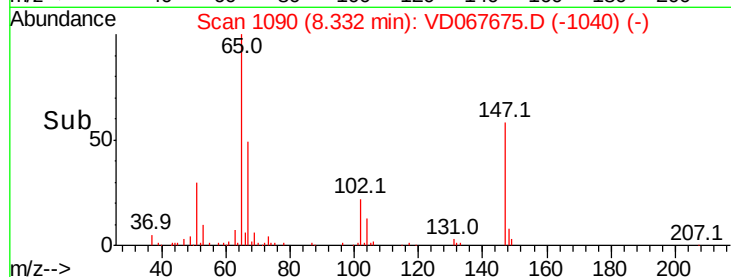
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

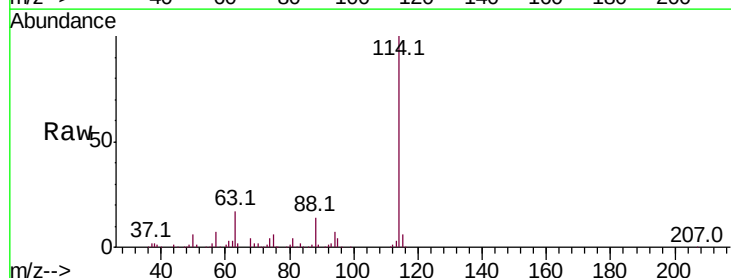
Tgt Ion:114 Resp: 398622

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.2 0.0 33.0



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

8.87

250000

200000

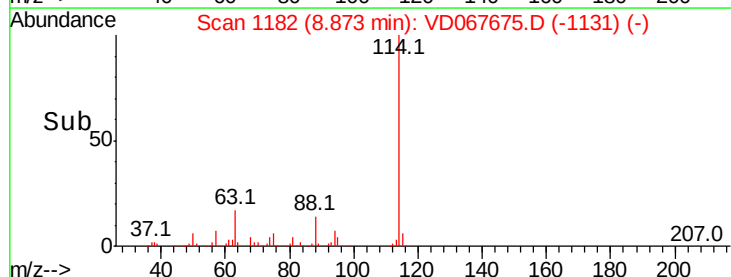
150000

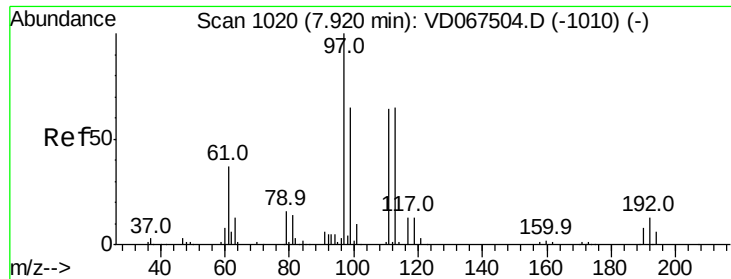
100000

50000

0

Time--> 8.80 8.90 9.00

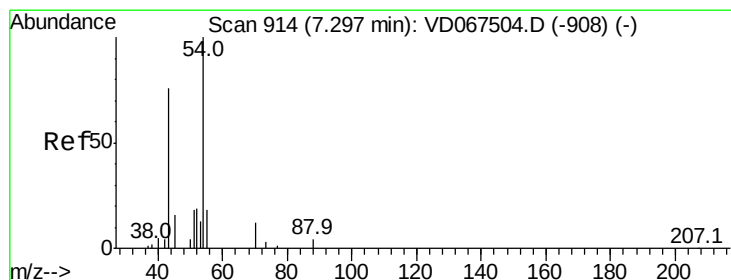
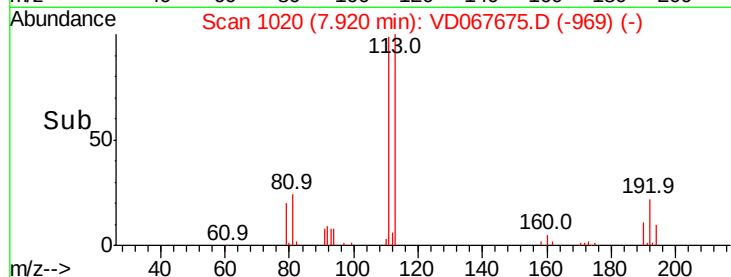
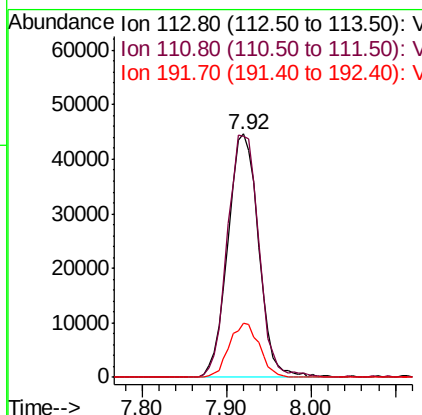
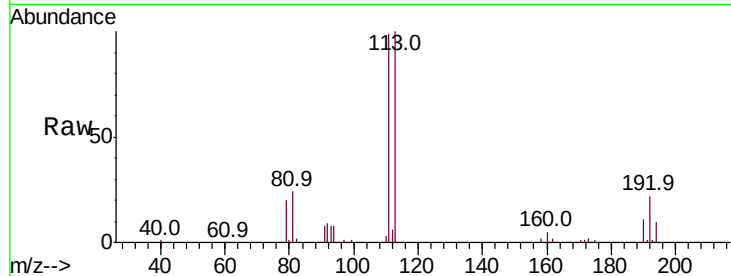




#35
 Dibromofluoromethane
 Concen: 46.580 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067675.D
 Acq: 18 Nov 2020 10:17

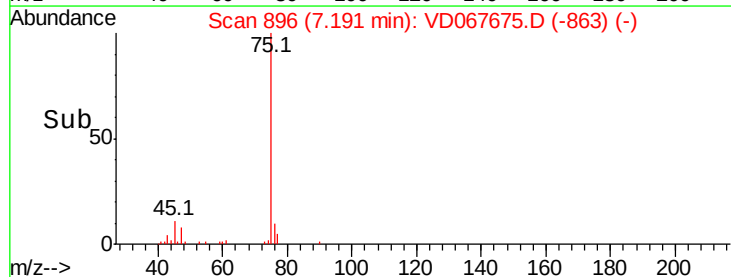
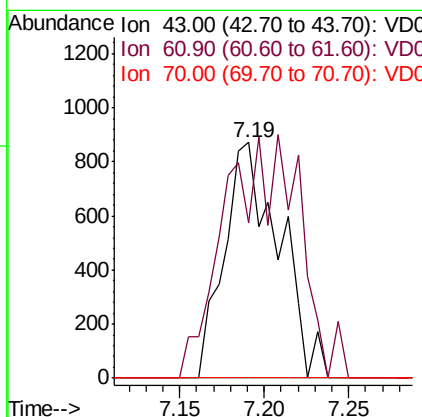
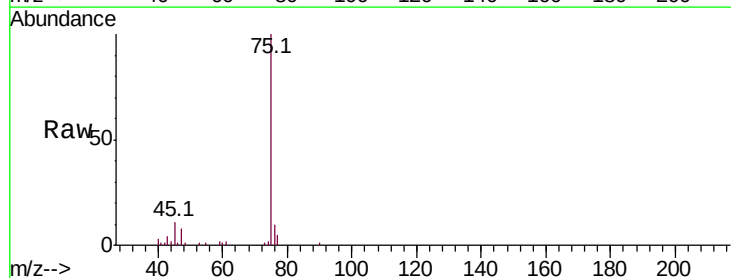
Instrument :
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 VD1118SBL01

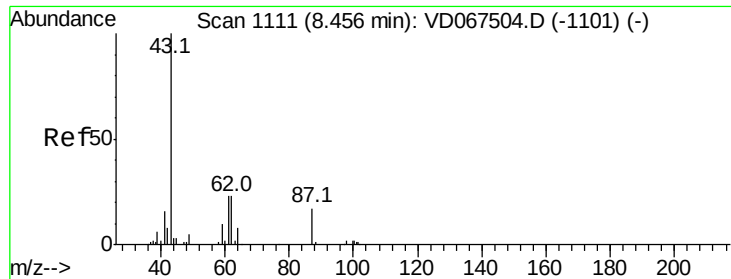
Tot Ion:113 Resp: 111871
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.0 120.0
 192 21.7 16.3 24.5



#37
 Ethyl Acetate
 Concen: 2.213 ug/l
 RT: 7.19 min Scan# 896
 Delta R.T. -0.11 min
 Lab File: VD067675.D
 Acq: 18 Nov 2020 10:17

Tgt Ion: 43 Resp: 1960
 Ion Ratio Lower Upper
 43 100
 61 58.9 12.8 19.2#
 70 0.0 11.7 17.5#





#43

Isopropyl Acetate

Concen: 4.042 ug/l

RT: 8.30 min Scan# 1084

Delta R.T. -0.16 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBL01

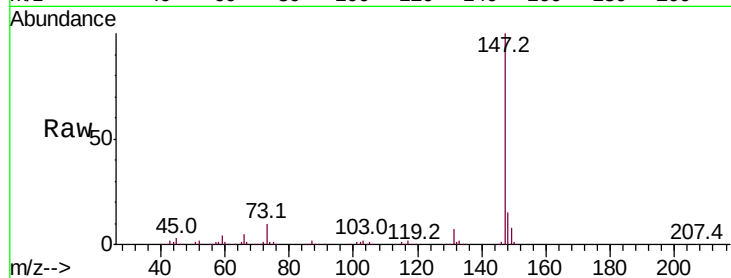
Tot Ion: 43 Resp: 7082

Ion Ratio Lower Upper

43 100

61 14.1 30.5 45.7#

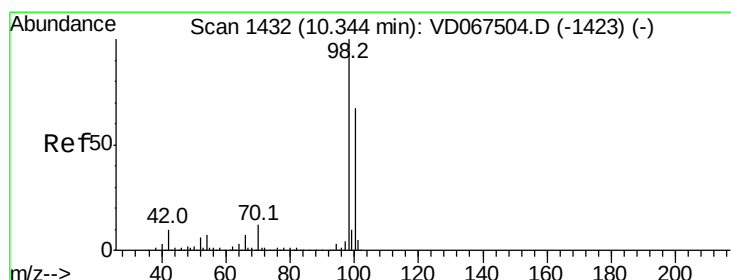
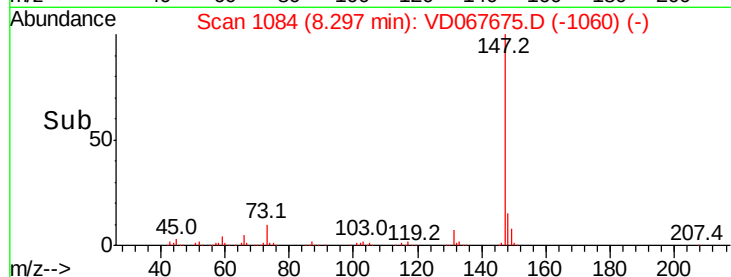
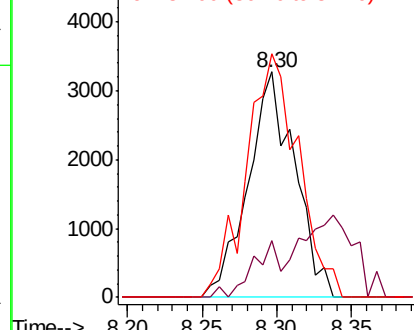
87 120.1 14.7 22.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: 44.018 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067675.D

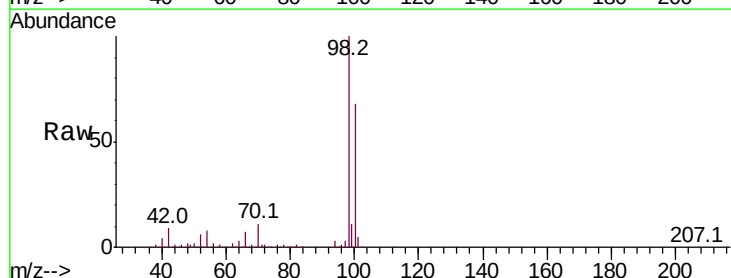
Acq: 18 Nov 2020 10:17

Tgt Ion: 98 Resp: 371517

Ion Ratio Lower Upper

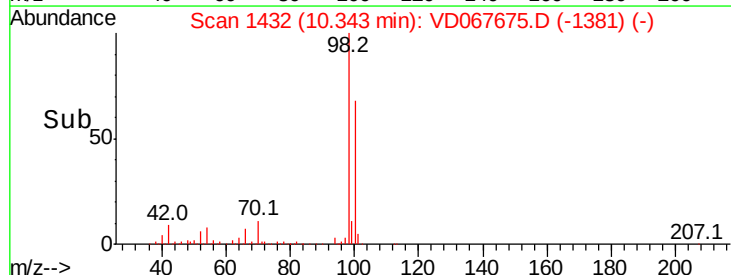
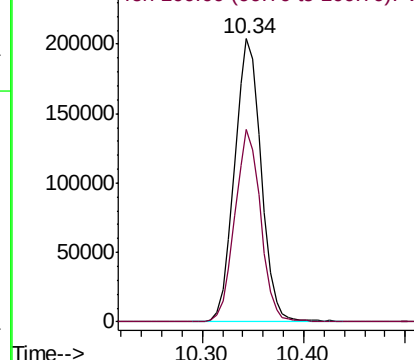
98 100

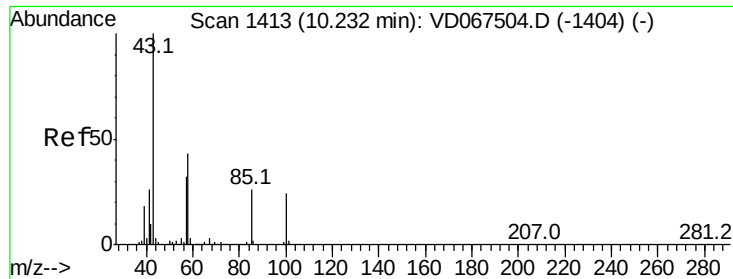
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 2.530 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

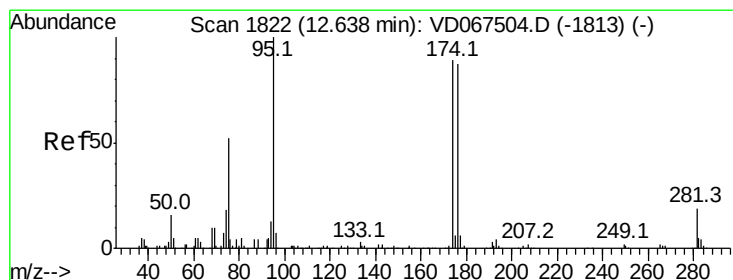
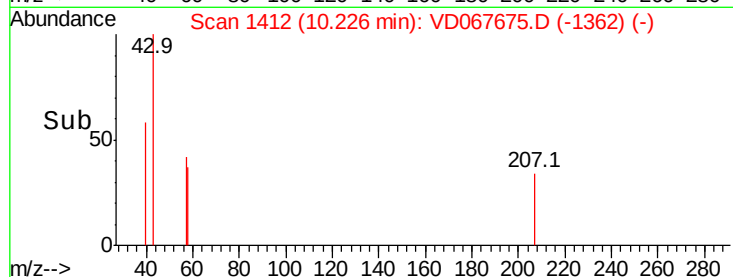
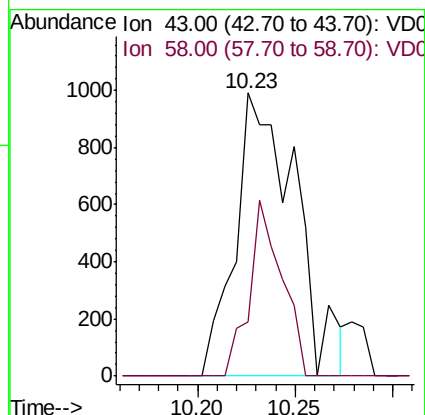
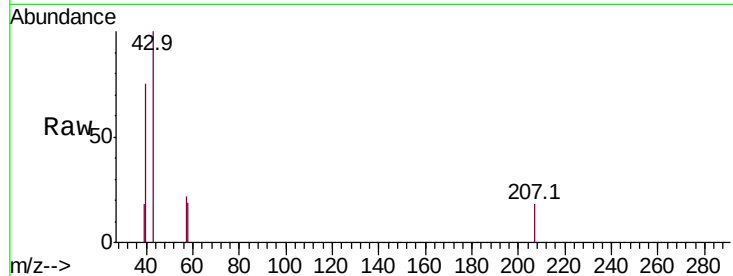
Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :
MSVOA_D
ClientSampled :
VD1118SBL01

Tot Ion: 43 Resp: 2120

Ion	Ratio	Lower	Upper
43	100		
58	33.4	35.6	53.4#



#62

4-Bromofluorobenzene

Concen: 43.408 ug/l

RT: 12.64 min Scan# 1822

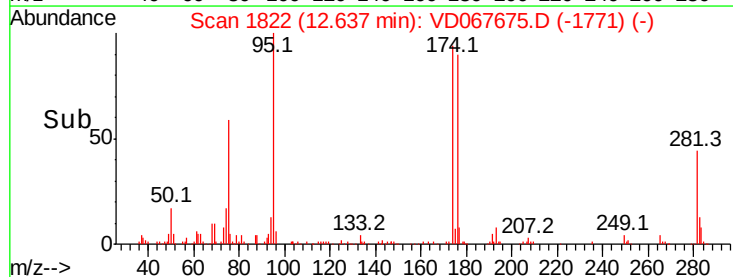
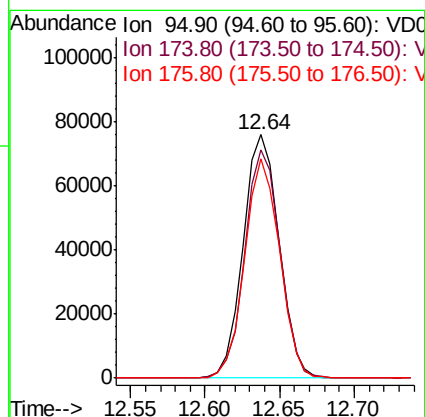
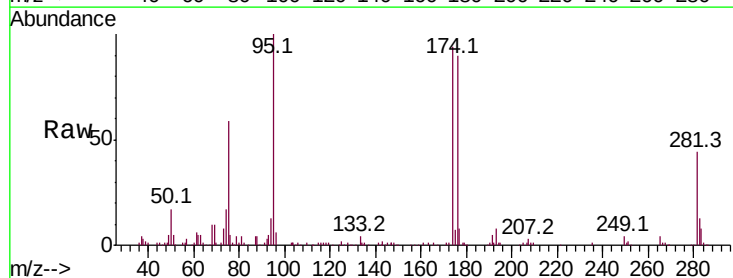
Delta R.T. -0.00 min

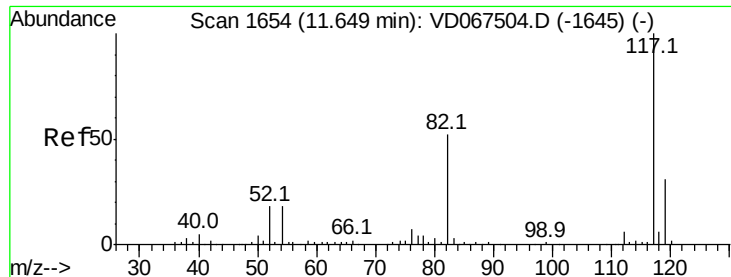
Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Tgt Ion: 95 Resp: 126487

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	177.8
176	87.7	0.0	172.0

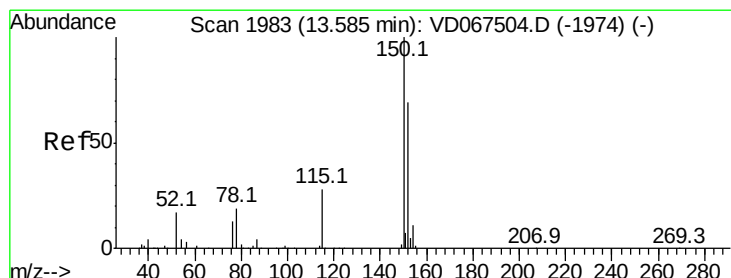
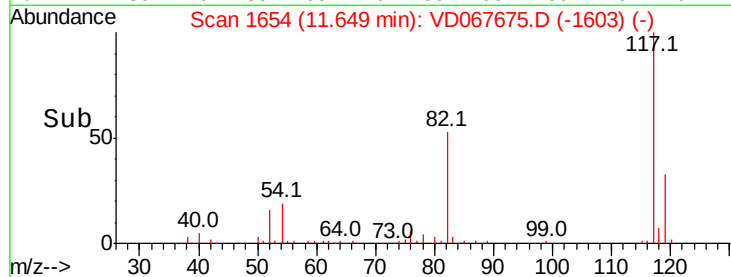
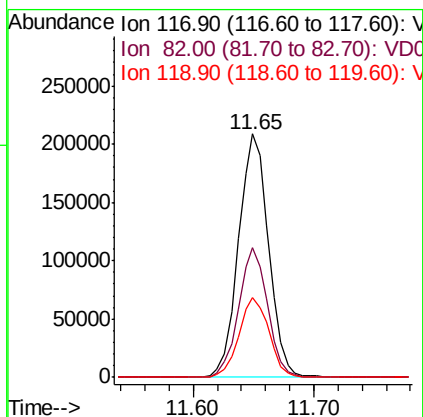
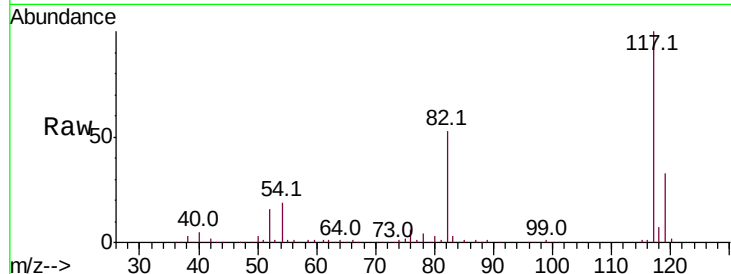




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067675.D
Acq: 18 Nov 2020 10:17

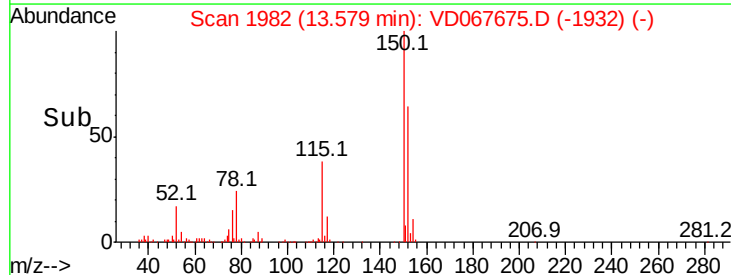
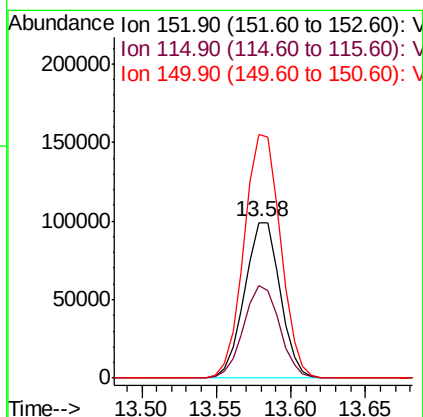
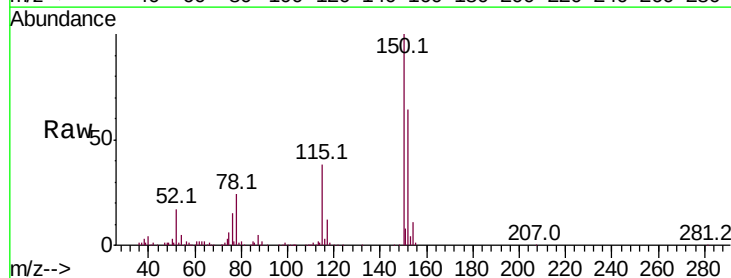
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBL01

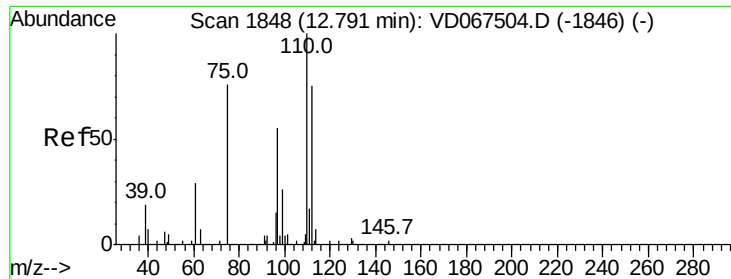
Tot Ion:117 Resp: 361654
Ion Ratio Lower Upper
117 100
82 53.3 41.6 62.4
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067675.D
Acq: 18 Nov 2020 10:17

Tgt Ion:152 Resp: 163826
Ion Ratio Lower Upper
152 100
115 60.1 29.3 88.0
150 159.9 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 67.950 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

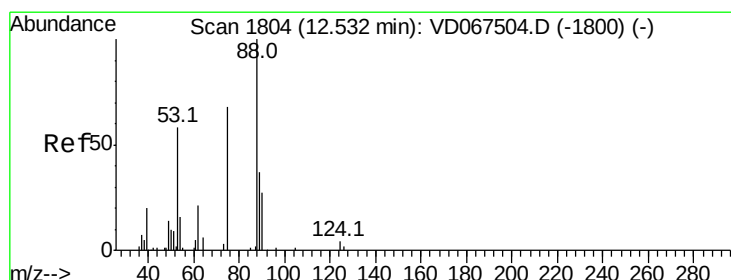
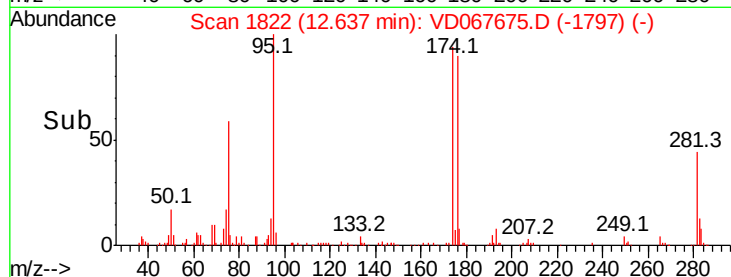
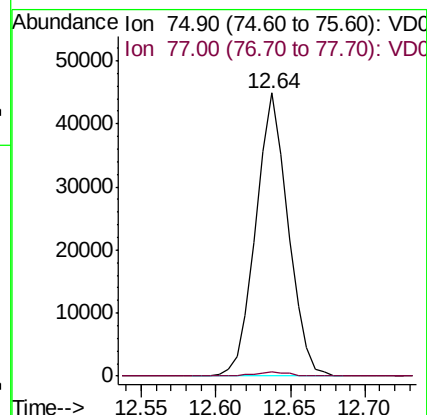
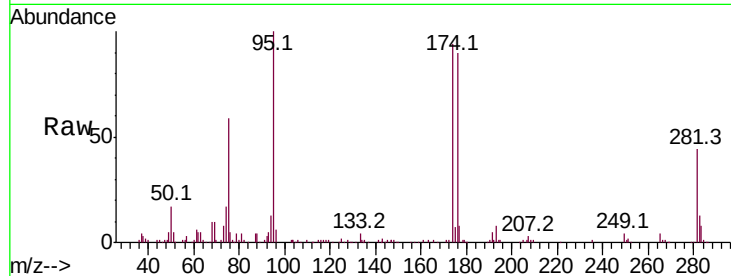
VD1118SBL01

Tot Ion: 75 Resp: 67154

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.956 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Tgt Ion: 75 Resp: 67154

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.2 44.6 67.0#

