

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066992.D
 Acq On : 01 Oct 2020 15:03
 Operator : VA/SY
 Sample : VD1001SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBL01

Quant Time: Oct 02 00:40:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

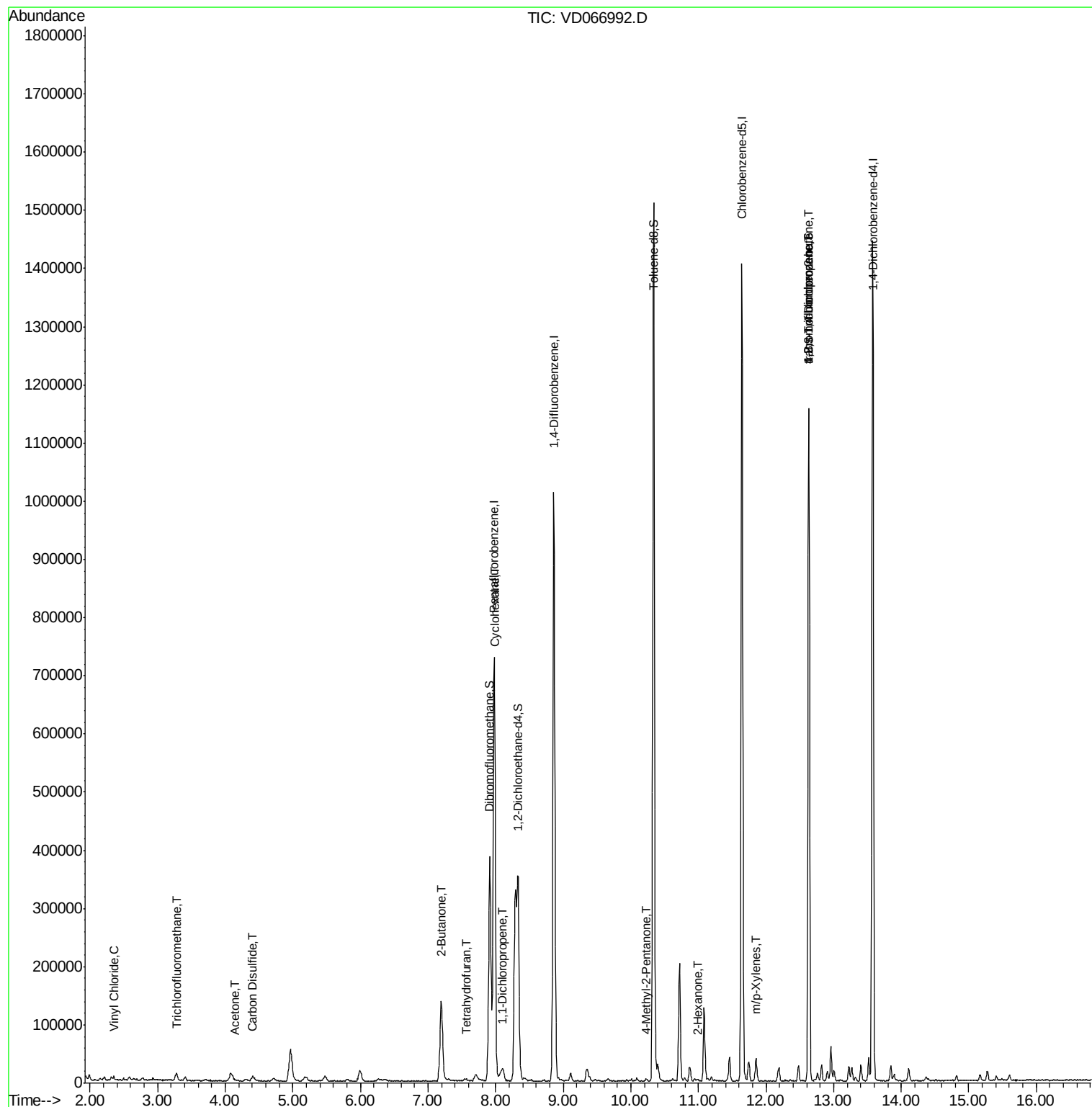
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	540836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	883280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	845128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	255894	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	7.91	113	274204	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.34	98	1033664	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.63	95	365530	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	6392	Below Cal		88
4) Vinyl Chloride	2.35	62	5011	1.160 ug/l		93
5) Bromomethane	2.77	94	2890	Below Cal	#	40
7) Trichlorofluoromethane	3.28	101	13108	1.366 ug/l		85
11) Tert butyl alcohol	5.17	59	4608	Below Cal	#	72
16) Acetone	4.15	43	1158	1.456 ug/l	#	71
17) Carbon Disulfide	4.41	76	17758	1.135 ug/l		98
25) 2-Butanone	7.19	43	7361	6.529 ug/l	#	64
26) 2,2-Dichloropropane	7.21	77	14250	Below Cal	#	71
29) Tetrahydrofuran	7.57	42	990	1.527 ug/l	#	81
31) Cyclohexane	7.99	56	17276	2.208 ug/l	#	59
36) 1,1-Dichloropropene	8.11	75	8562	1.040 ug/l		96
51) 4-Methyl-2-Pentanone	10.23	43	2977	1.137 ug/l		98
59) 2-Hexanone	10.98	43	2484	1.422 ug/l		70
68) m/p-Xylenes	11.85	106	12514	1.115 ug/l		99
76) 1,2,3-Trichloropropane	12.63	75	182724	53.067 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	182724	132.303 ug/l	#	12

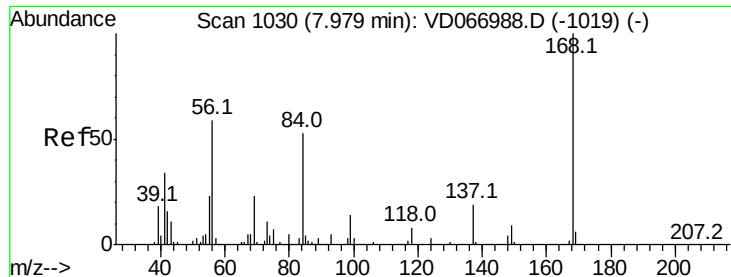
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Operator : VA/SY
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 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: VD066992.D

Acq: 01 Oct 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

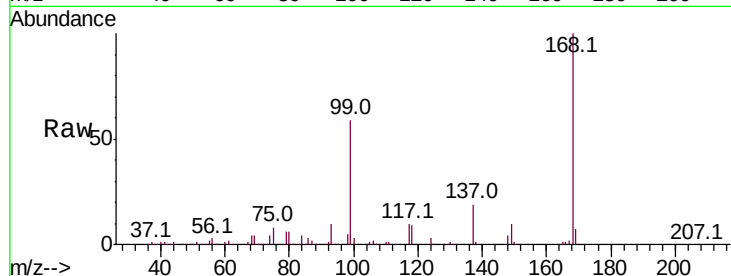
VD1001SBL01

Tot Ion:168 Resp: 540836

Ion Ratio Lower Upper

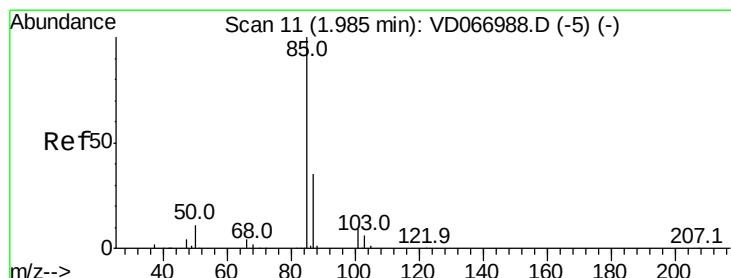
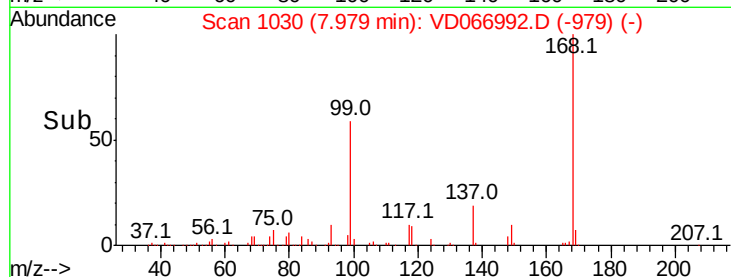
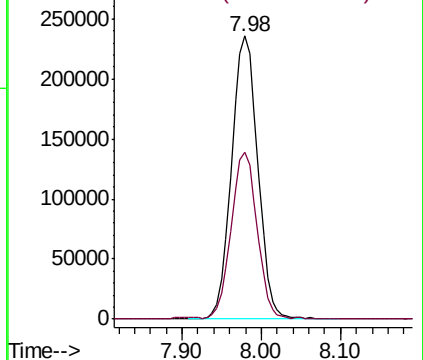
168 100

99 59.0 44.1 66.1



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: VD066992.D

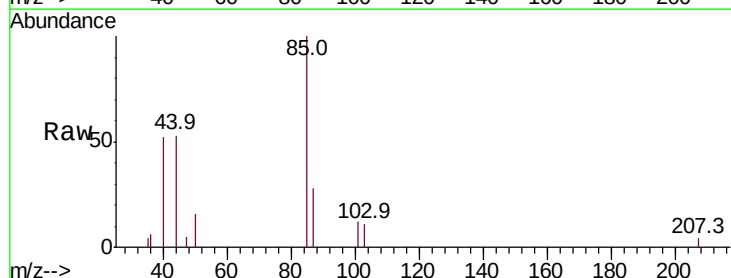
Acq: 01 Oct 2020 15:03

Tgt Ion: 85 Resp: 6392

Ion Ratio Lower Upper

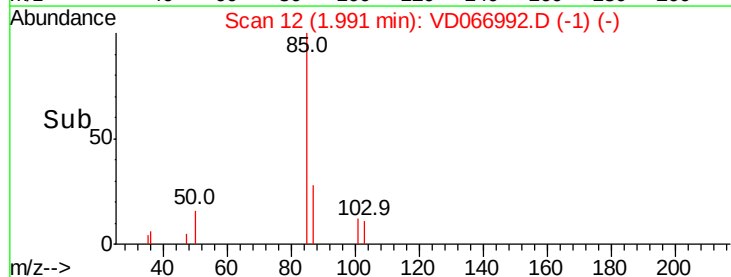
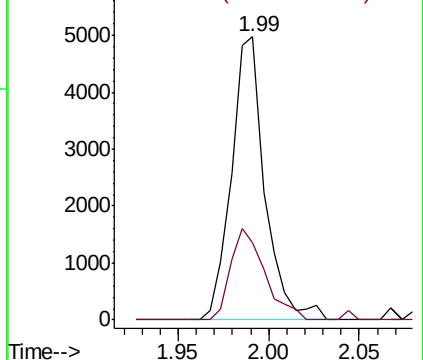
85 100

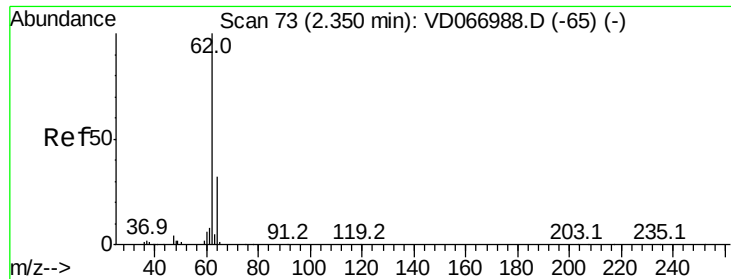
87 27.5 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#4

Vinyl Chloride

Concen: 1.160 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066992.D

Acq: 01 Oct 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

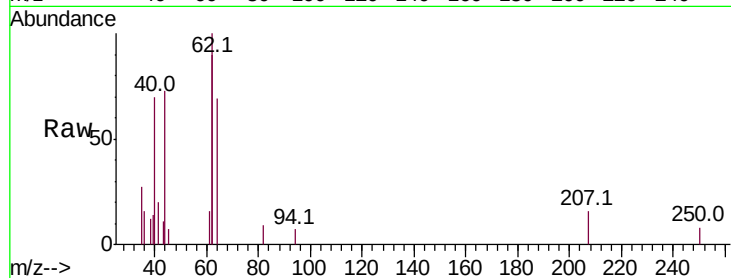
VD1001SBL01

Tot Ion: 62 Resp: 5011

Ion Ratio Lower Upper

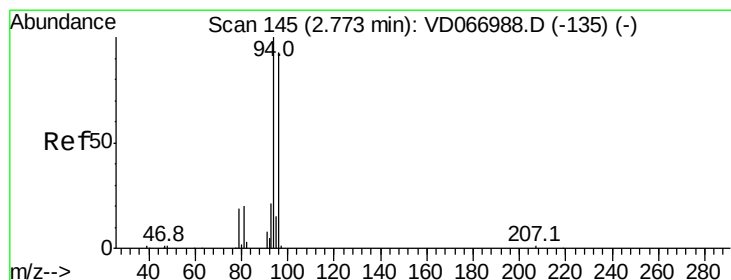
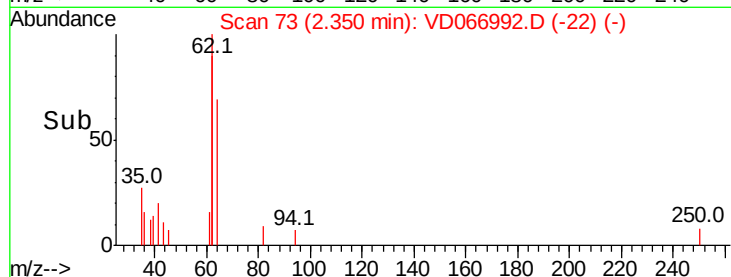
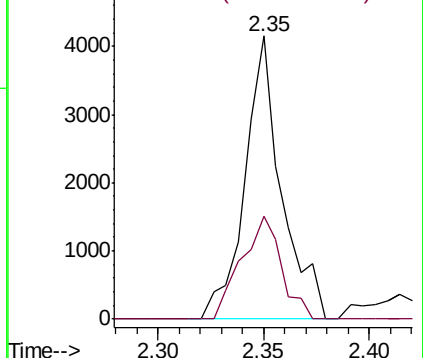
62 100

64 36.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066992.D

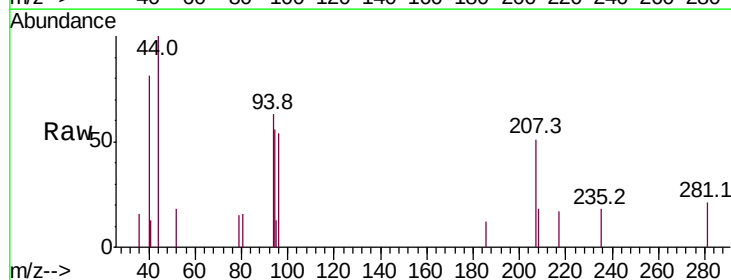
Acq: 01 Oct 2020 15:03

Tgt Ion: 94 Resp: 2890

Ion Ratio Lower Upper

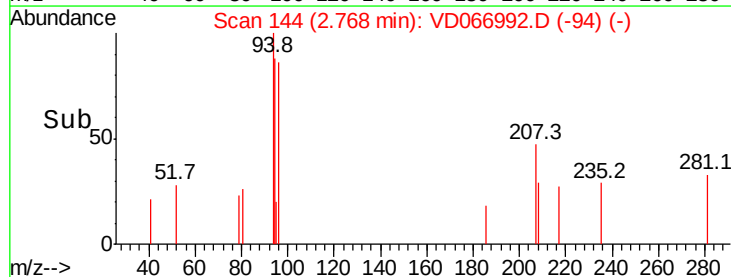
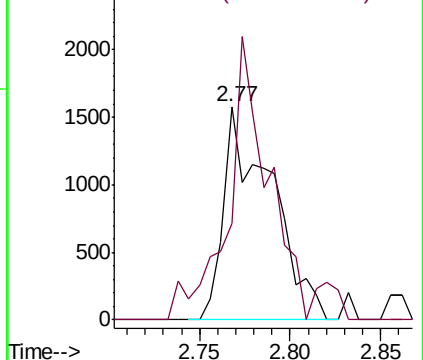
94 100

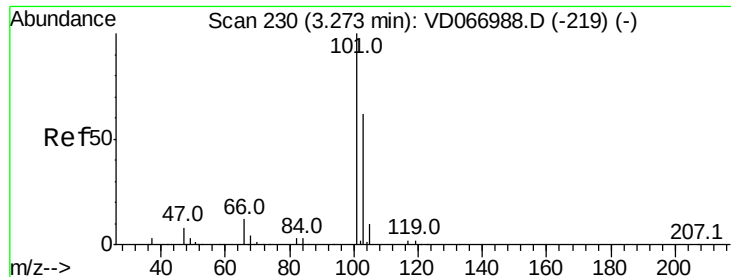
96 35.5 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



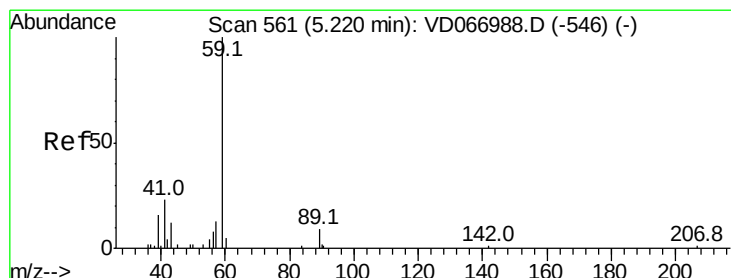
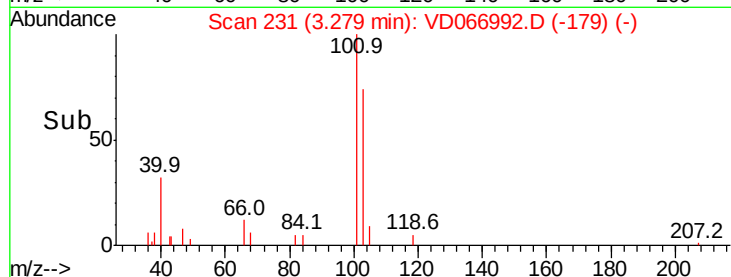
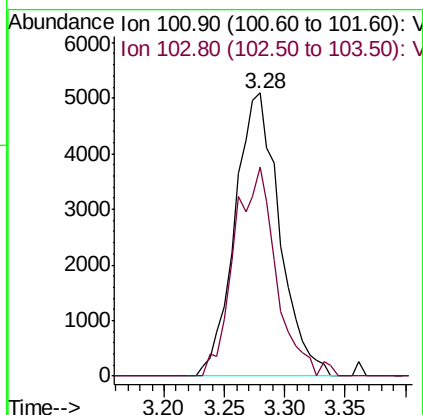
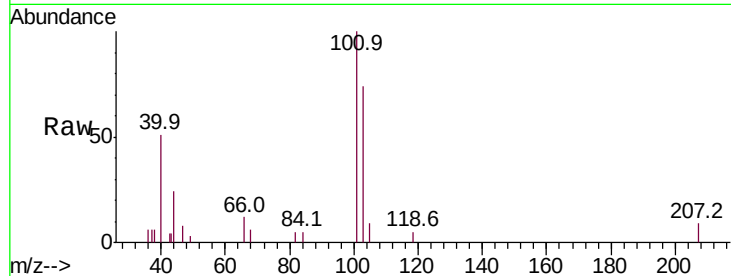


#7

Trichlorofluoromethane
 Concen: 1.366 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD066992.D
 Acq: 01 Oct 2020 15:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBL01

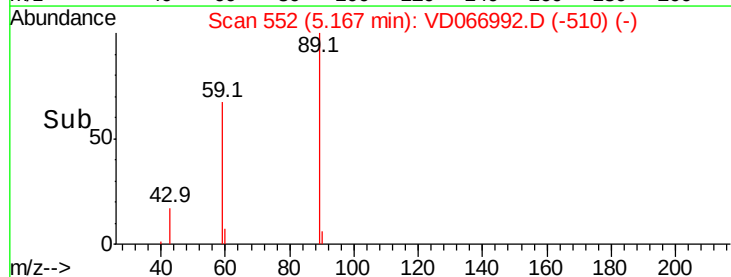
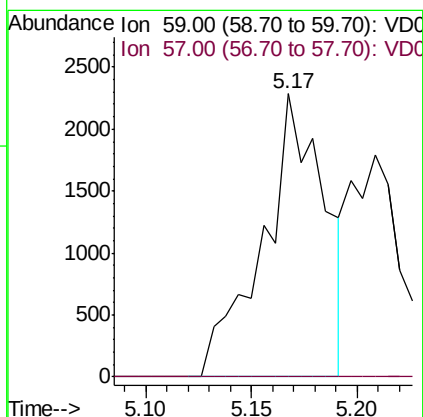
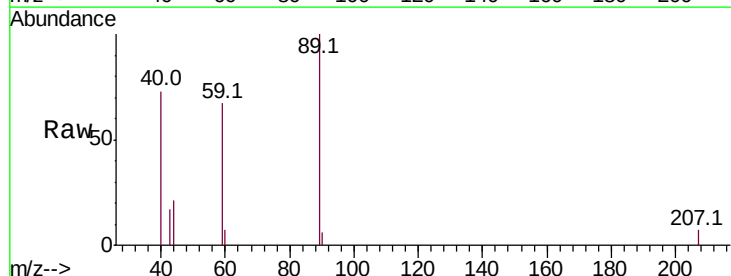
Tot Ion:101 Resp: 13108
 Ion Ratio Lower Upper
 101 100
 103 73.9 49.8 74.8

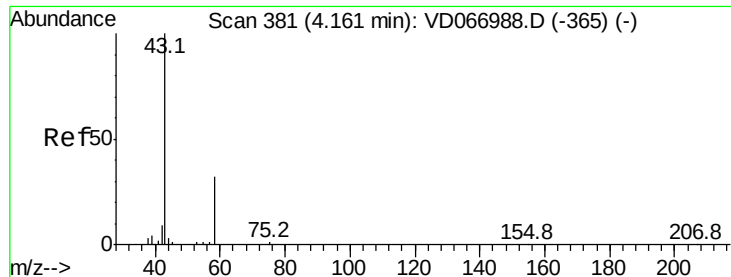


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: VD066992.D
 Acq: 01 Oct 2020 15:03

Tgt Ion: 59 Resp: 4608
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.456 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066992.D

Acq: 01 Oct 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

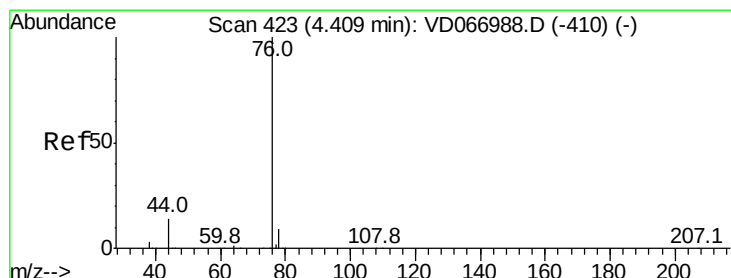
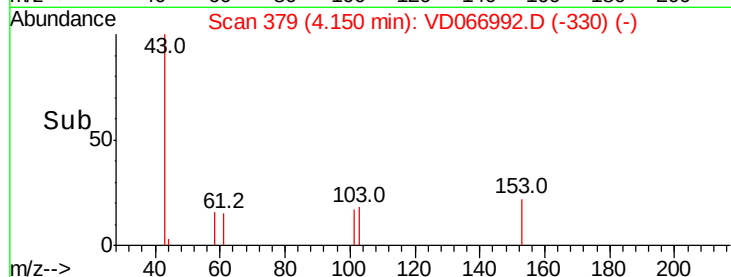
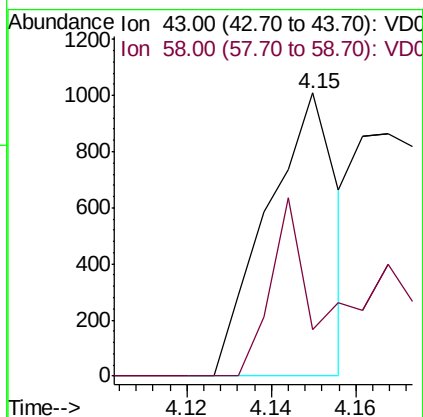
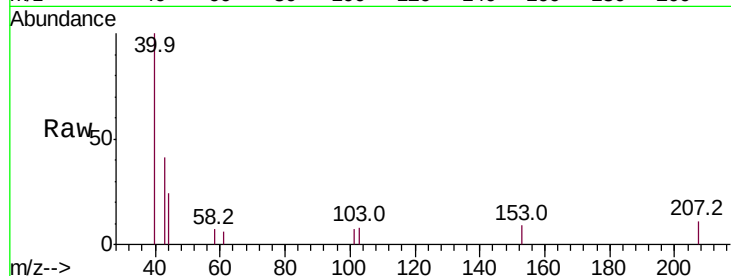
VD1001SBL01

Tot Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

58 16.3 25.9 38.9#



#17

Carbon Disulfide

Concen: 1.135 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066992.D

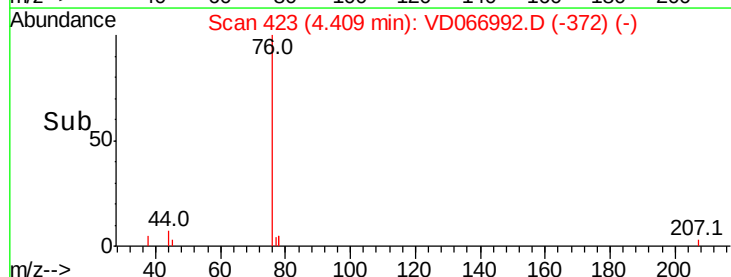
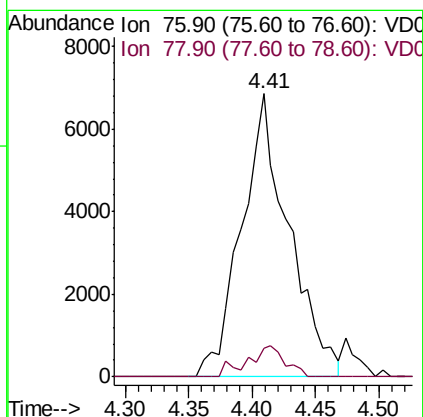
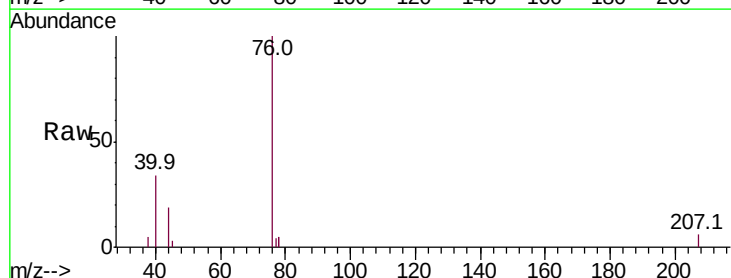
Acq: 01 Oct 2020 15:03

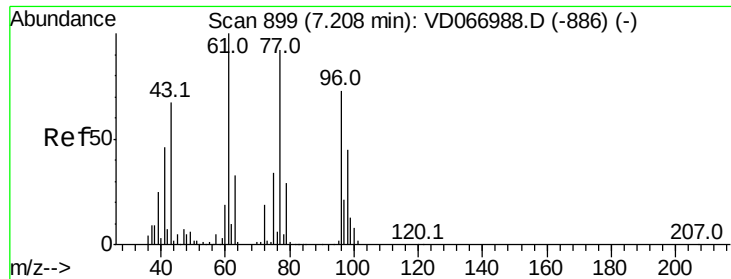
Tgt Ion: 76 Resp: 17758

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3





#25

2-Butanone

Concen: 6.529 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD066992.D

Acq: 01 Oct 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

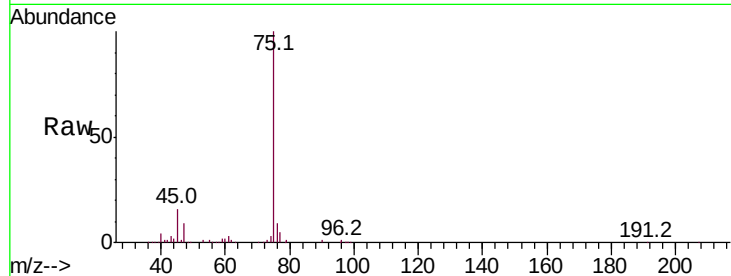
VD1001SBL01

Tot Ion: 43 Resp: 7361

Ion Ratio Lower Upper

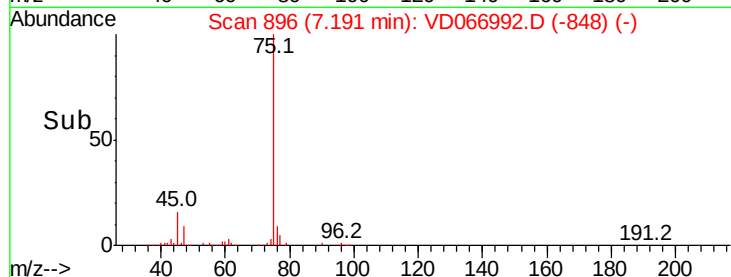
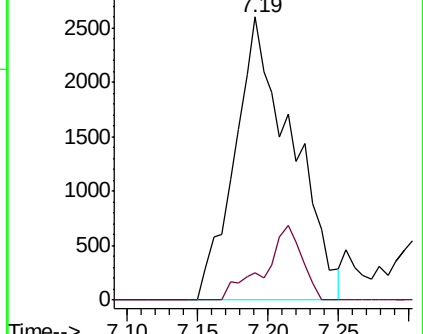
43 100

72 9.7 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066992.D

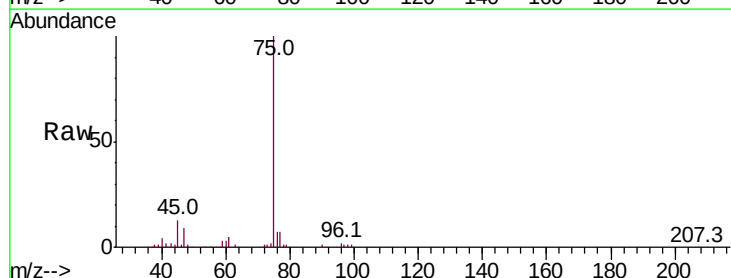
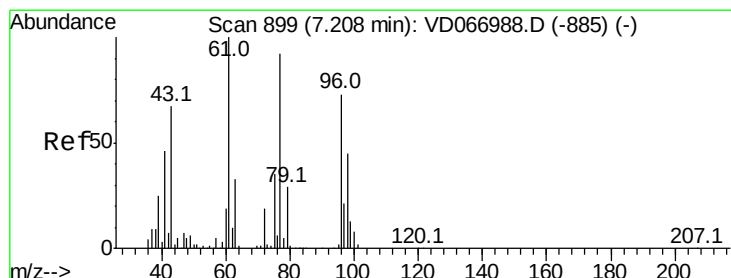
Acq: 01 Oct 2020 15:03

Tgt Ion: 77 Resp: 14250

Ion Ratio Lower Upper

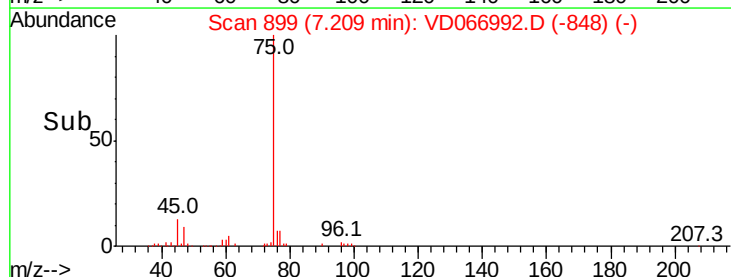
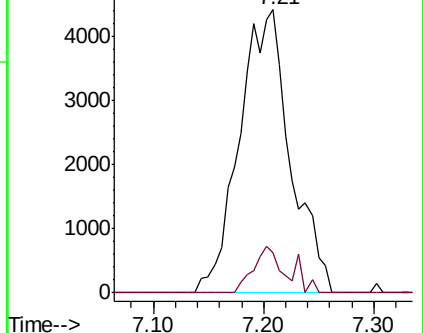
77 100

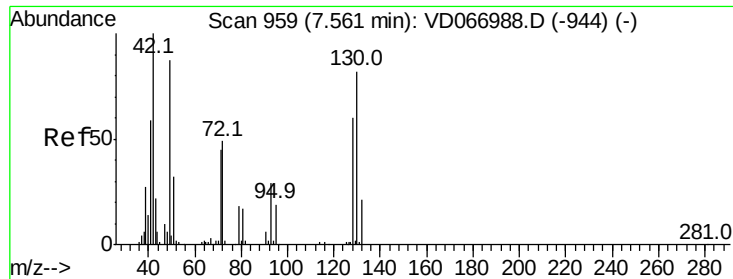
97 8.7 11.4 34.2#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

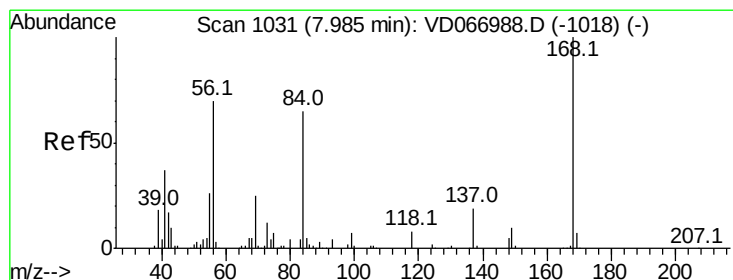
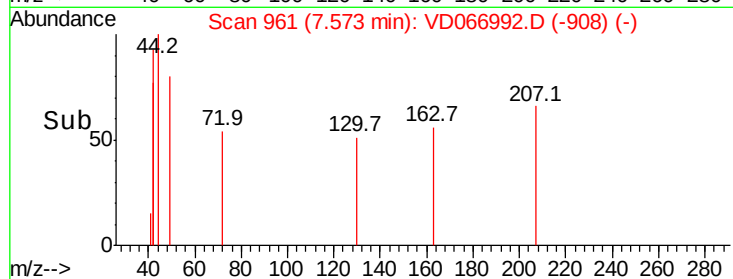
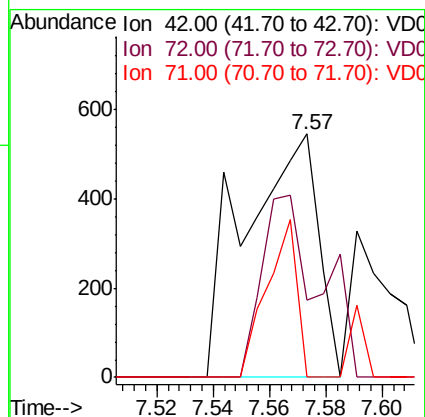
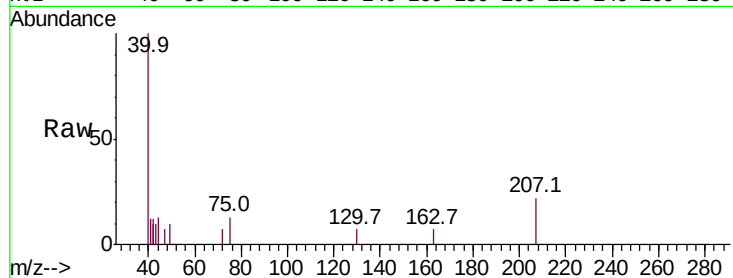




#29
Tetrahydrofuran
Concen: 1.527 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

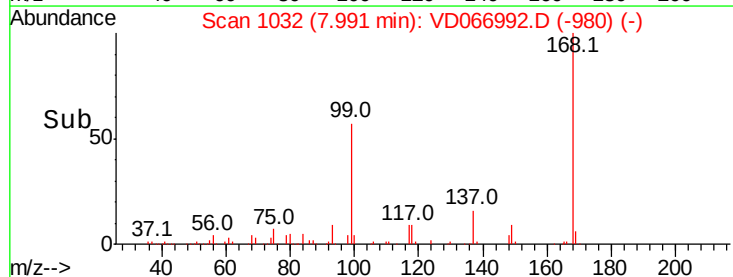
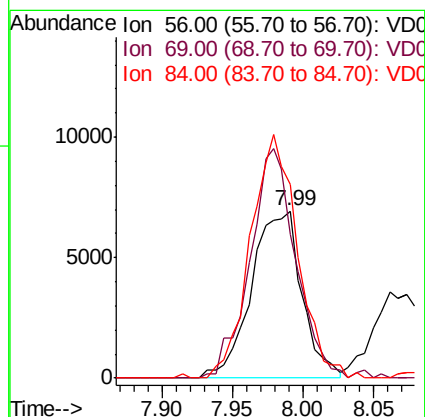
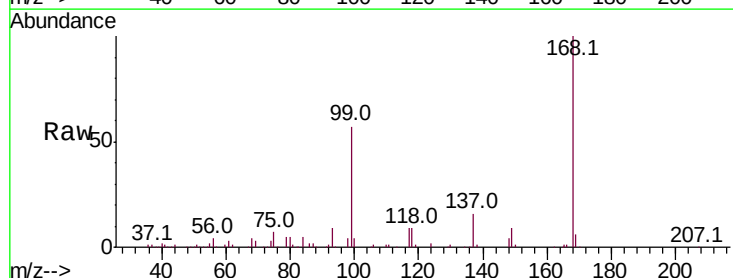
Instrument :
MSVOA_D
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VD1001SBL01

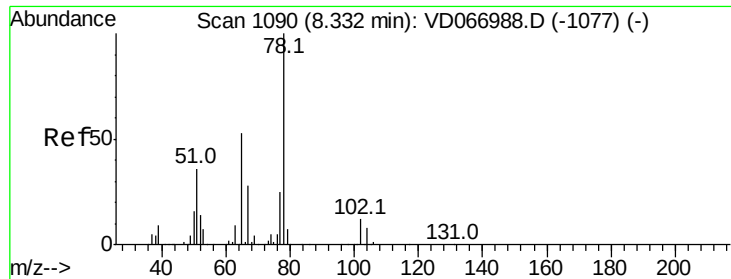
Tot Ion: 42 Resp: 990
Ion Ratio Lower Upper
42 100
72 58.1 39.1 58.7
71 26.5 34.2 51.4#



#31
Cyclohexane
Concen: 2.208 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

Tgt Ion: 56 Resp: 17276
Ion Ratio Lower Upper
56 100
69 86.2 29.0 43.6#
84 116.1 74.2 111.2#

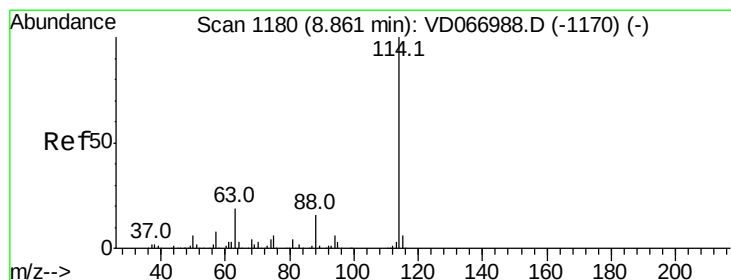
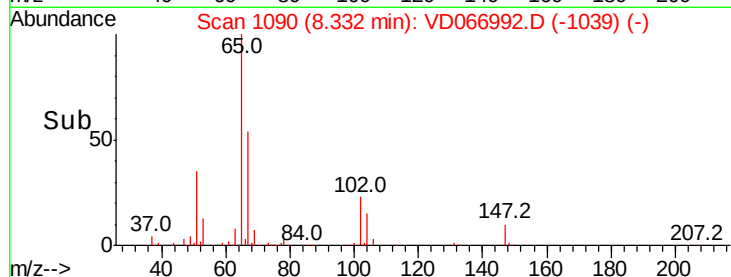
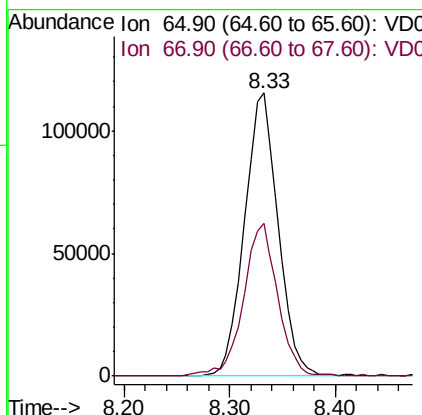
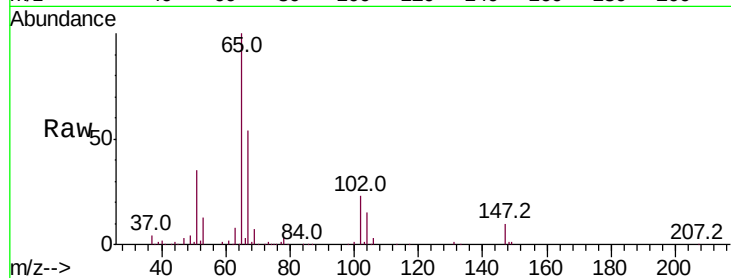




#33
 1,2-Dichloroethane-d4
 Concen: 49.122 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066992.D
 Acq: 01 Oct 2020 15:03

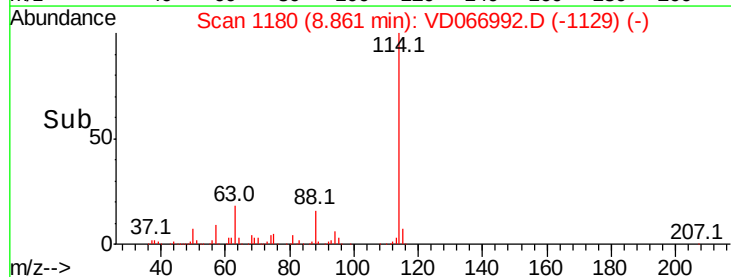
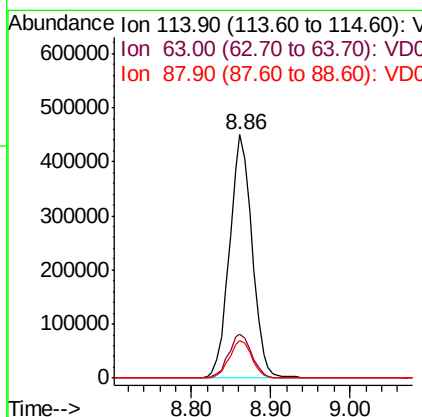
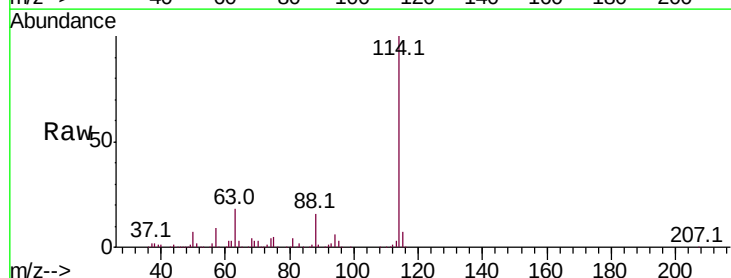
Instrument :
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 VD1001SBL01

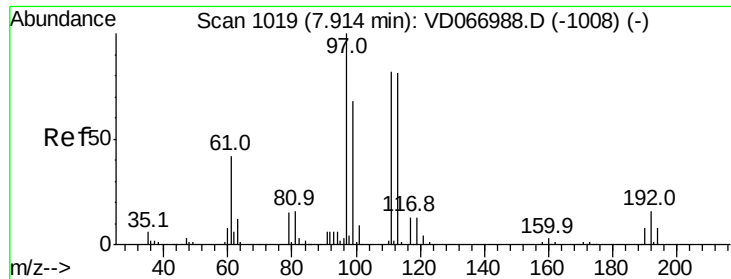
Tot Ion: 65 Resp: 255894
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066992.D
 Acq: 01 Oct 2020 15:03

Tgt Ion: 114 Resp: 883280
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 15.6 0.0 31.2

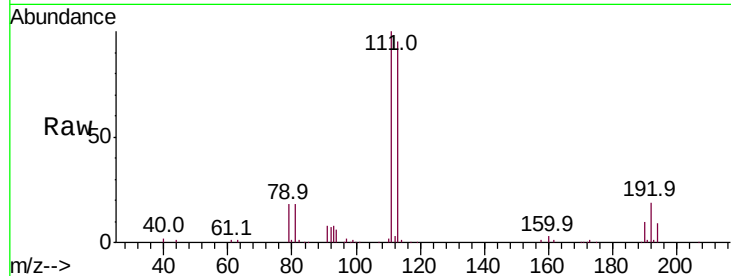




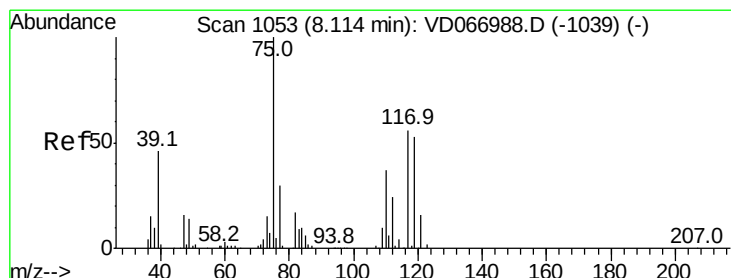
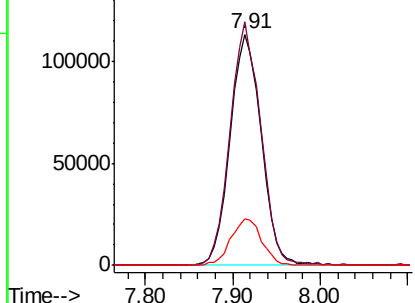
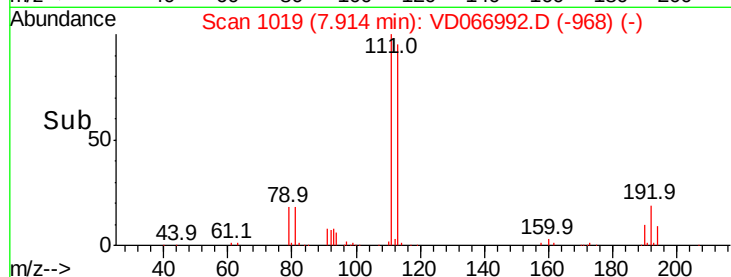
#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBL01

Tot Ion:113 Resp: 274204
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.4
192 19.8 15.5 23.3

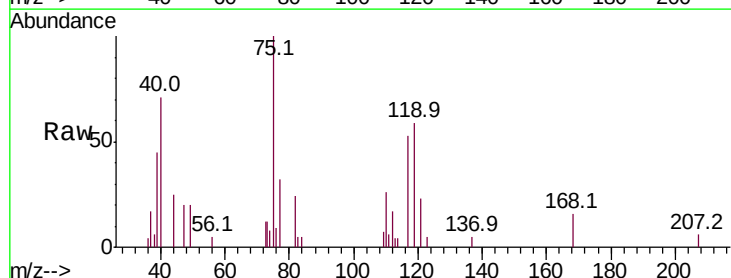


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

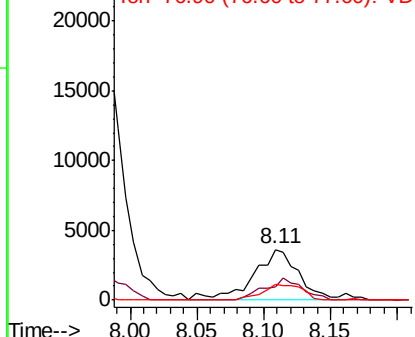
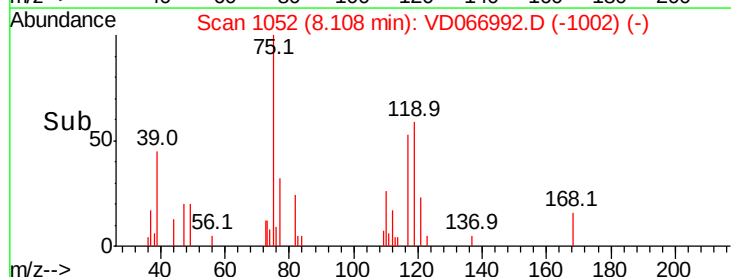


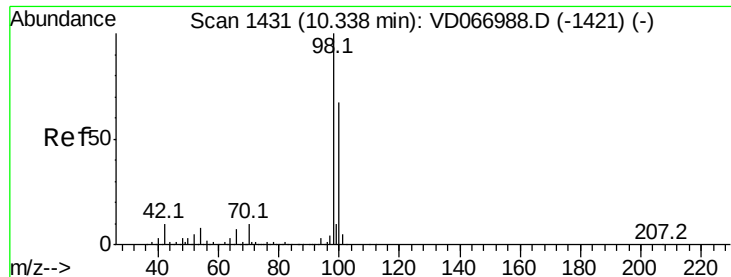
#36
1,1-Dichloropropene
Concen: 1.040 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

Tgt Ion: 75 Resp: 8562
Ion Ratio Lower Upper
75 100
110 35.5 18.4 55.0
77 27.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

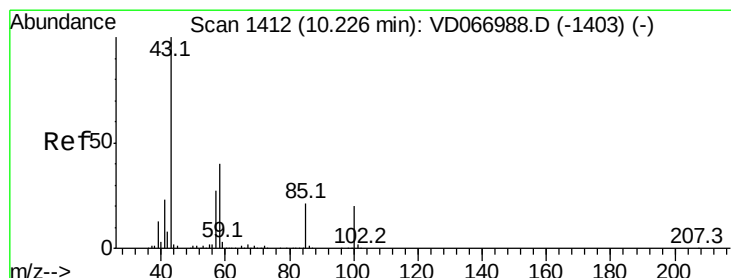
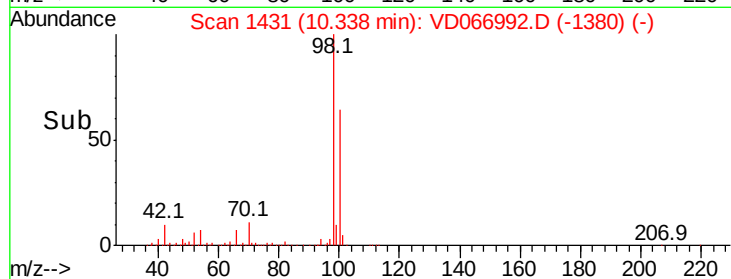
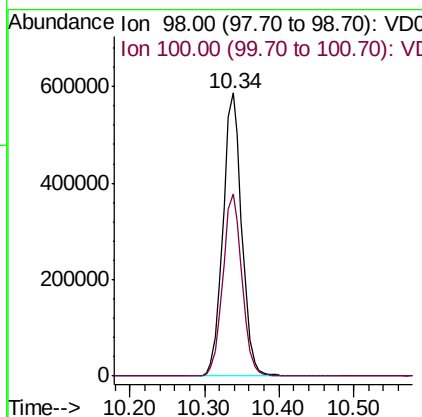
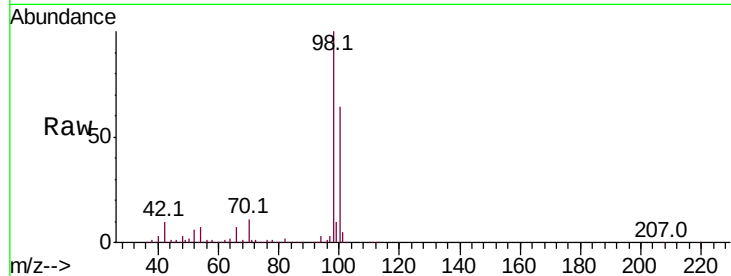




#50
Toluene-d8
Concen: 49.055 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

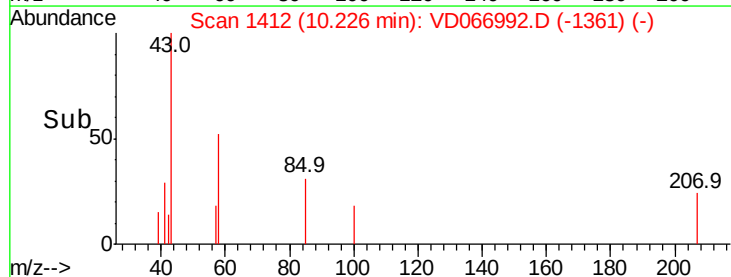
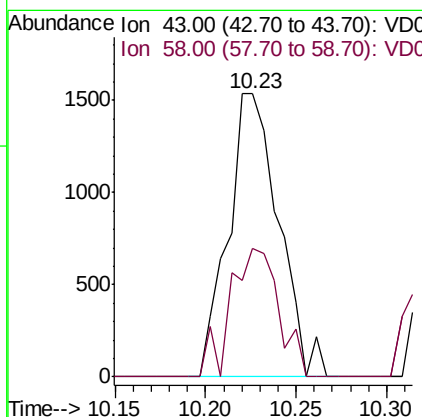
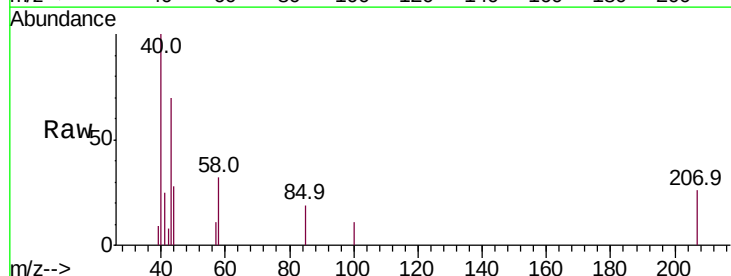
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBL01

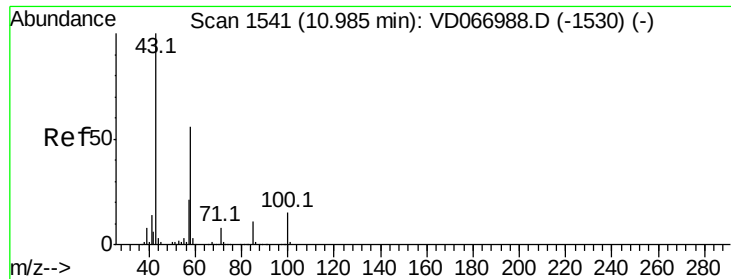
Tot Ion: 98 Resp: 1033664
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.137 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

Tgt Ion: 43 Resp: 2977
Ion Ratio Lower Upper
43 100
58 43.6 33.8 50.8

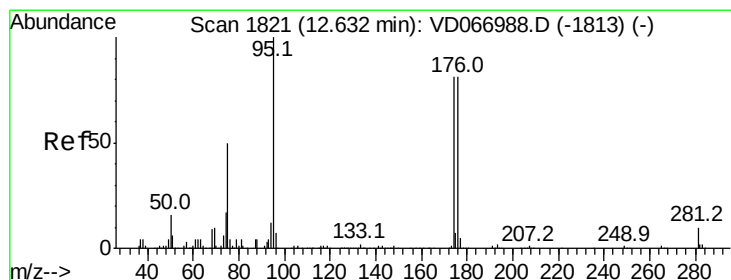
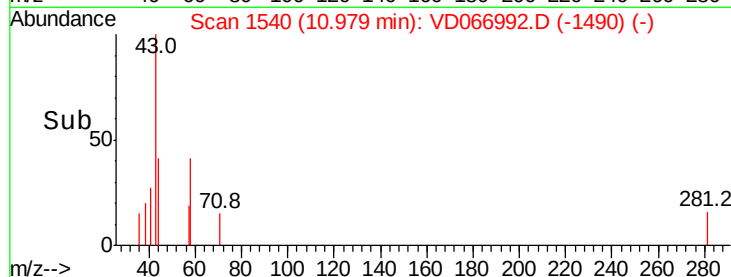
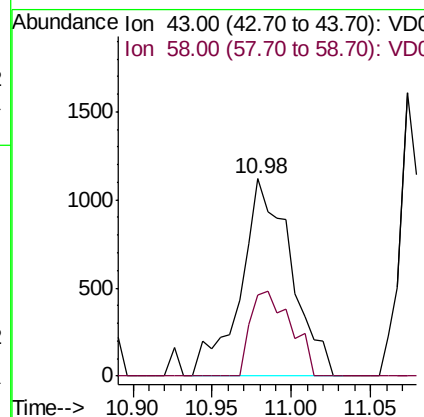
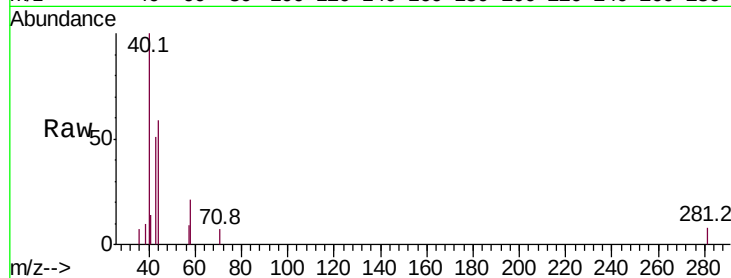




#59
2-Hexanone
Concen: 1.422 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

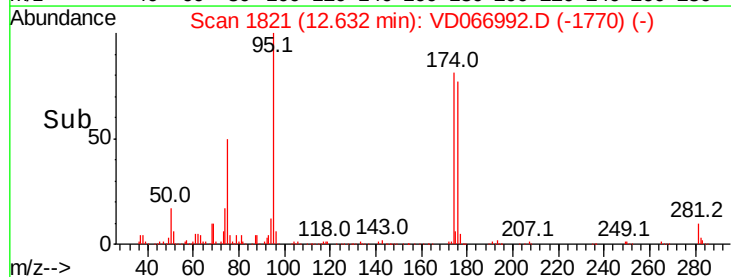
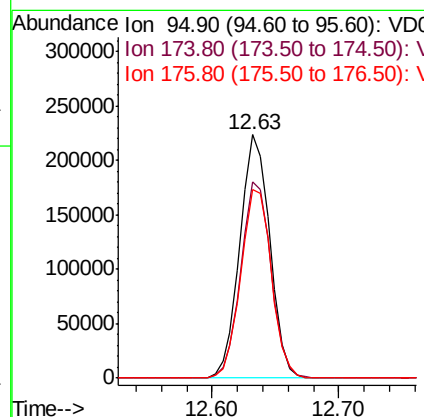
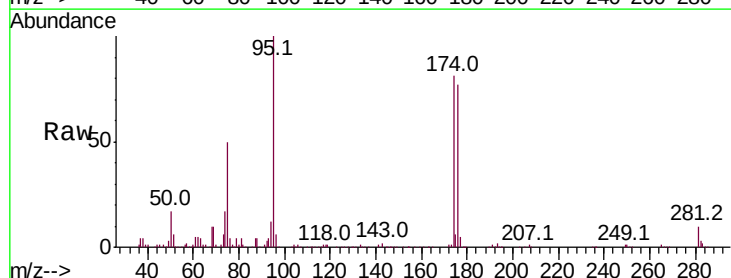
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBL01

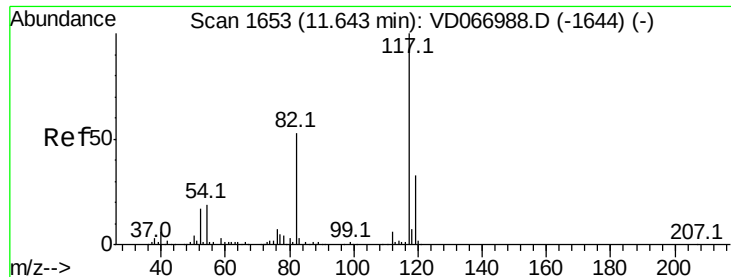
Tot Ion: 43 Resp: 2484
Ion Ratio Lower Upper
43 100
58 34.5 28.3 84.9



#62
4-Bromofluorobenzene
Concen: 51.100 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

Tgt Ion: 95 Resp: 365530
Ion Ratio Lower Upper
95 100
174 81.4 0.0 167.6
176 79.4 0.0 162.4

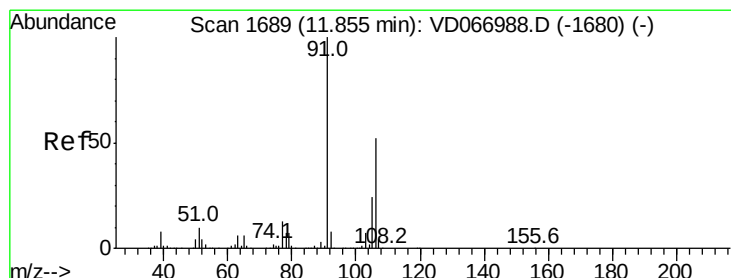
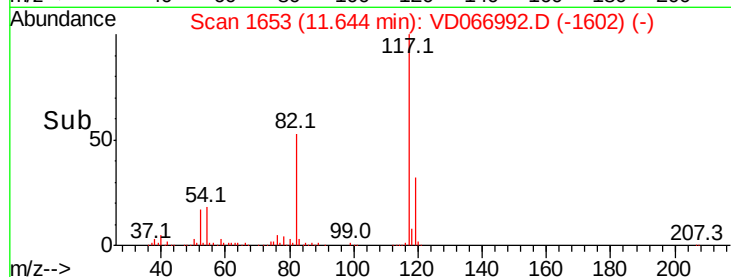
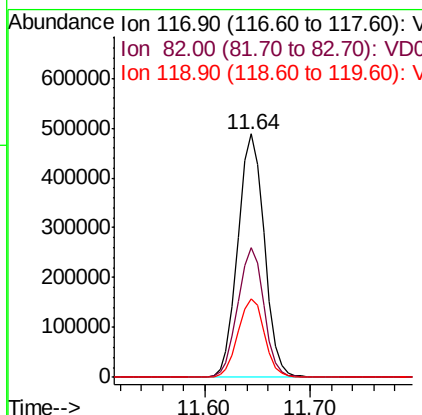
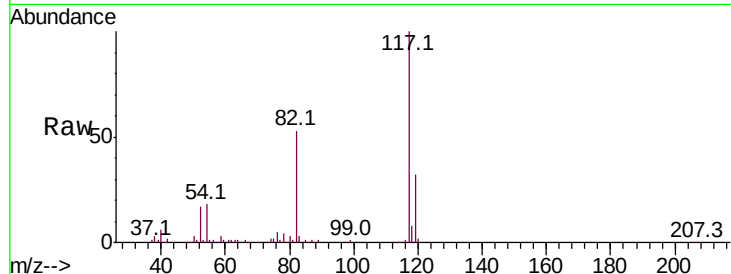




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

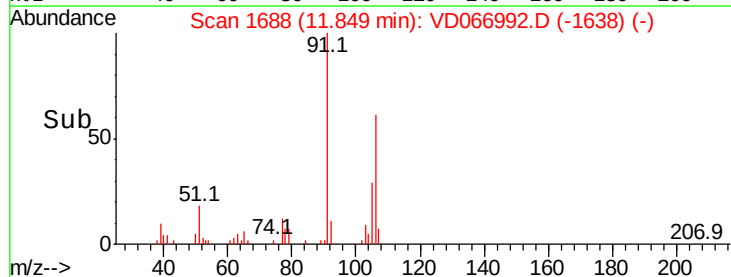
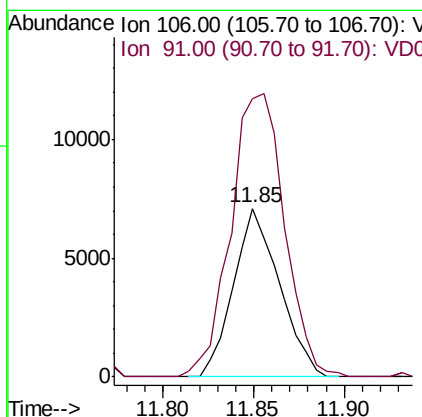
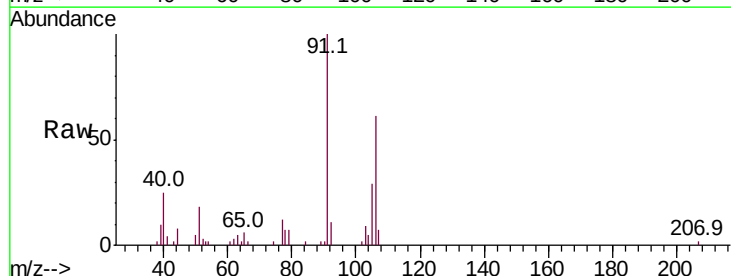
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBL01

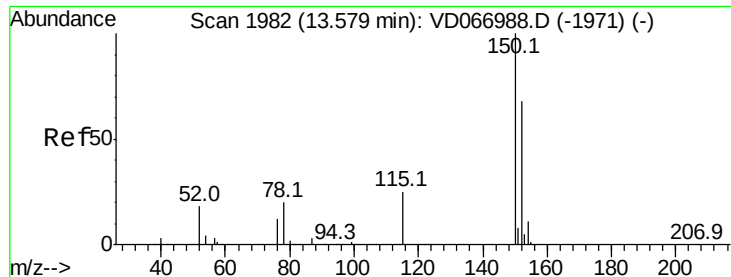
Tot Ion:117 Resp: 845128
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 32.4 26.3 39.5



#68
m/p-Xylenes
Concen: 1.115 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066992.D
Acq: 01 Oct 2020 15:03

Tgt Ion:106 Resp: 12514
Ion Ratio Lower Upper
106 100
91 196.6 158.4 237.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066992.D

Acq: 01 Oct 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBL01

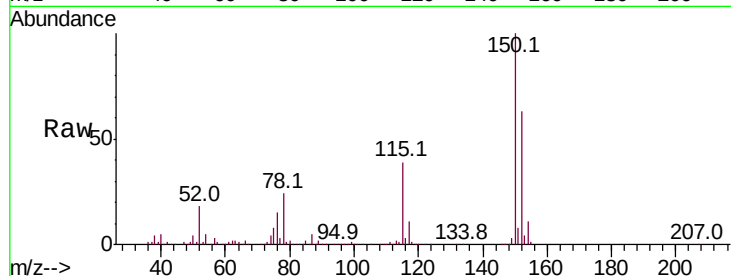
Tot Ion:152 Resp: 395308

Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.8

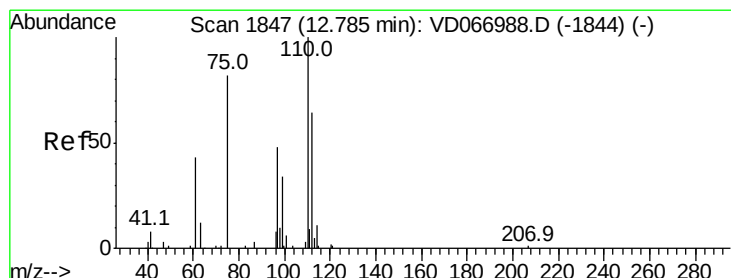
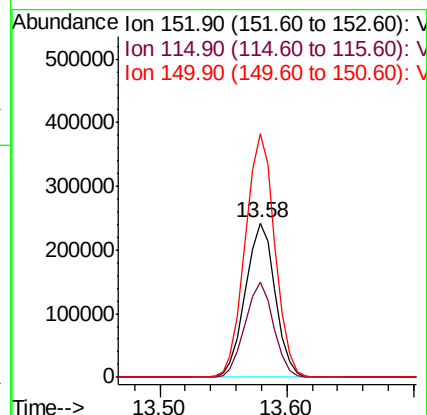
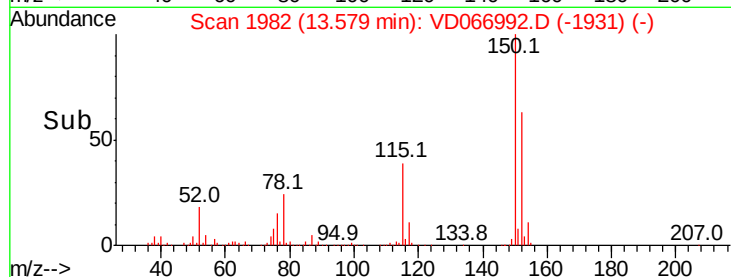
150 157.1 0.0 344.8



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: 53.067 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066992.D

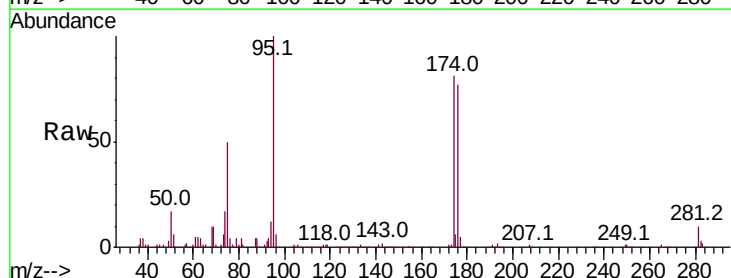
Acq: 01 Oct 2020 15:03

Tgt Ion: 75 Resp: 182724

Ion Ratio Lower Upper

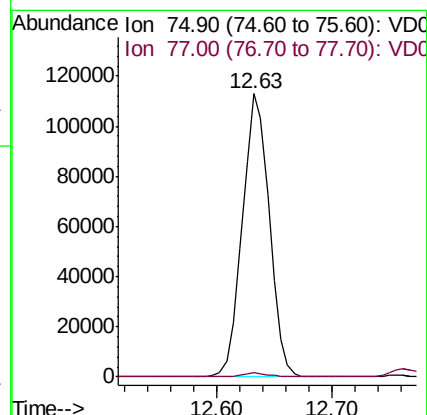
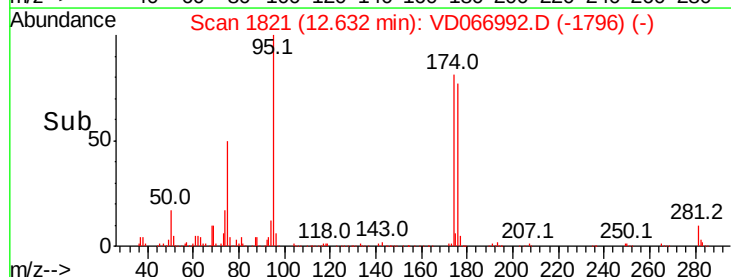
75 100

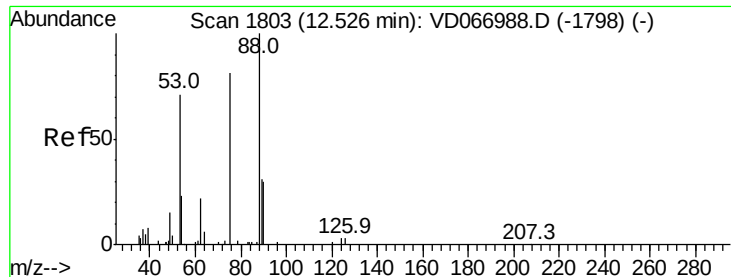
77 1.3 0.0 0.0#



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: 132.303 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.11 min

Lab File: VD066992.D

Acq: 01 Oct 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBL01

Tot Ion: 75 Resp: 182724

Ion Ratio Lower Upper

75 100

53 0.1 73.8 110.6#

89 0.2 38.9 58.3#

