

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066735.D
 Acq On : 17 Sep 2020 10:57
 Operator : VA/SY
 Sample : VD0917SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBL01

Quant Time: Sep 18 01:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	419234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	752481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	708915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	318714	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	249695	55.82	ug/l	0.00
Spiked Amount			Recovery	=	111.64%	
35) Dibromofluoromethane	7.91	113	250550	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
50) Toluene-d8	10.34	98	909316	55.32	ug/l	0.00
Spiked Amount			Recovery	=	110.64%	
62) 4-Bromofluorobenzene	12.63	95	301833	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	

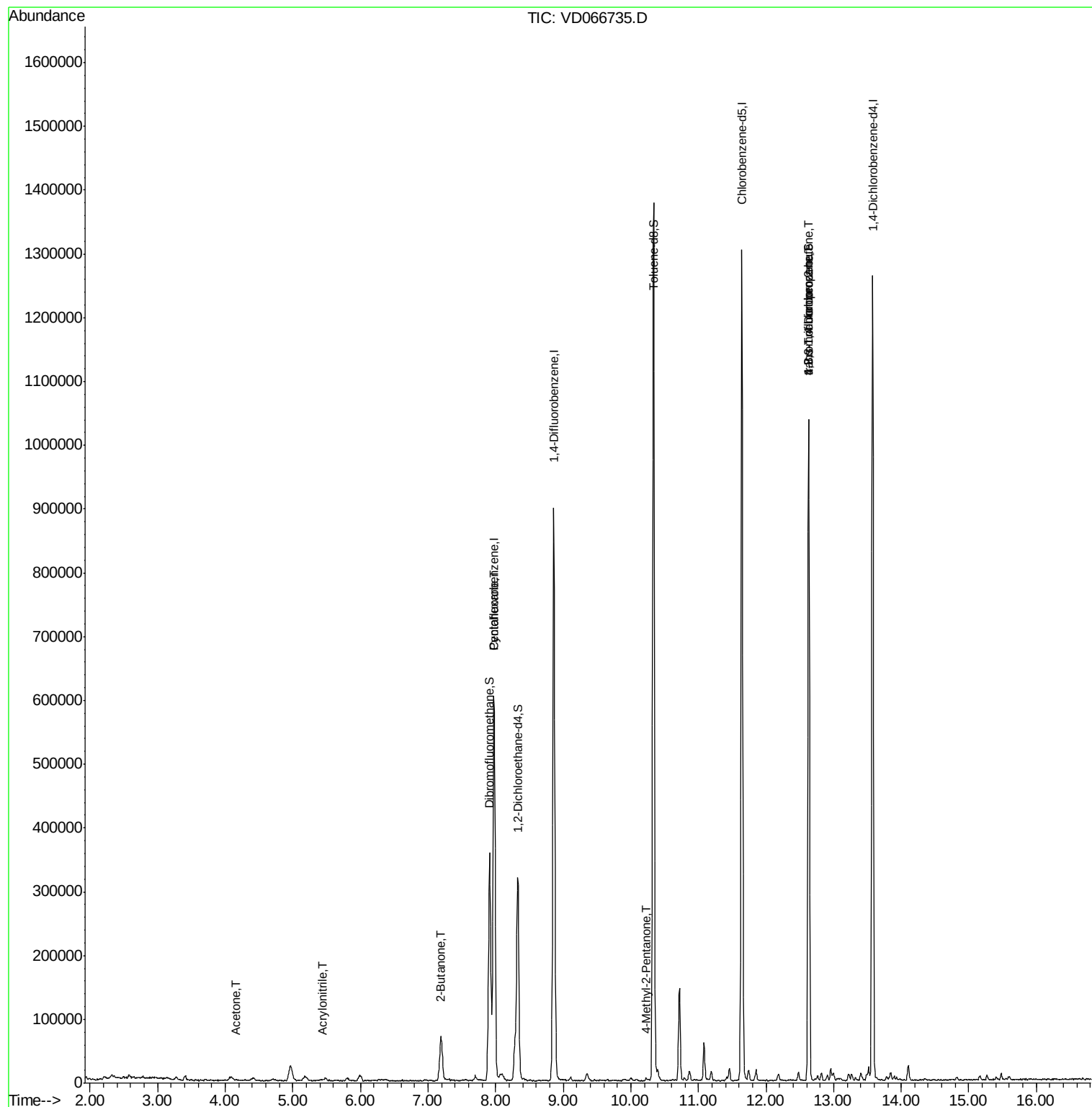
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1819	Below Cal		97
11) Tert butyl alcohol	5.19	59	7233	Below Cal	#	76
15) Acrylonitrile	5.43	53	1164	1.287	ug/l #	48
16) Acetone	4.16	43	3164	3.474	ug/l #	82
18) Methyl Acetate	4.72	43	127	Below Cal	#	52
20) Methylene Chloride	4.96	84	17204	Below Cal		89
25) 2-Butanone	7.17	43	1555	1.311	ug/l #	49
31) Cyclohexane	7.97	56	14704	1.861	ug/l #	49
51) 4-Methyl-2-Pentanone	10.22	43	2939	1.036	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	168144	61.635	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	168144	133.019	ug/l #	8

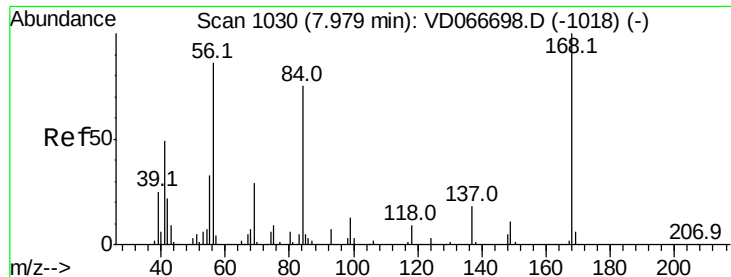
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066735.D
Acq On : 17 Sep 2020 10:57
Operator : VA/SY
Sample : VD0917SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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VD0917SBL01

Quant Time: Sep 18 01:13:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066735.D

Acq: 17 Sep 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

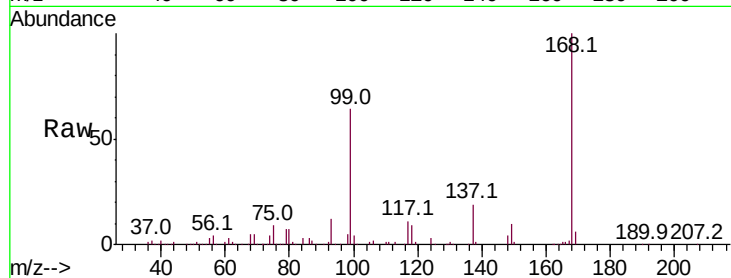
VD0917SBL01

Tot Ion:168 Resp: 419234

Ion Ratio Lower Upper

168 100

99 63.9 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

150000

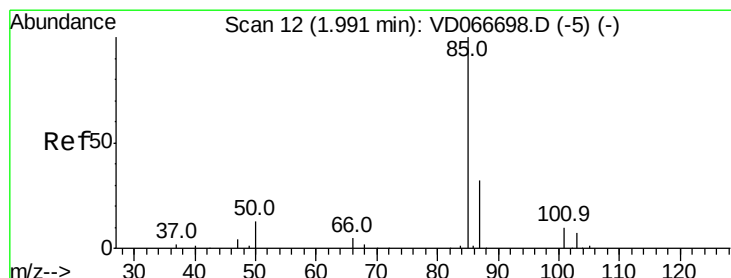
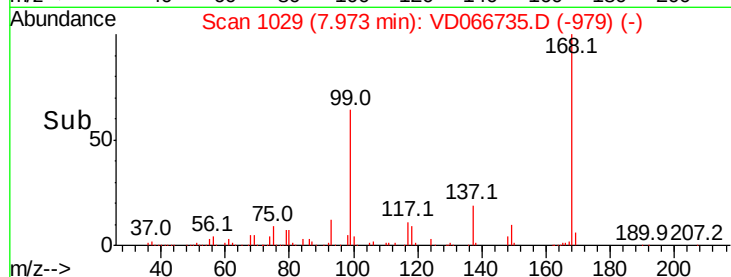
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066735.D

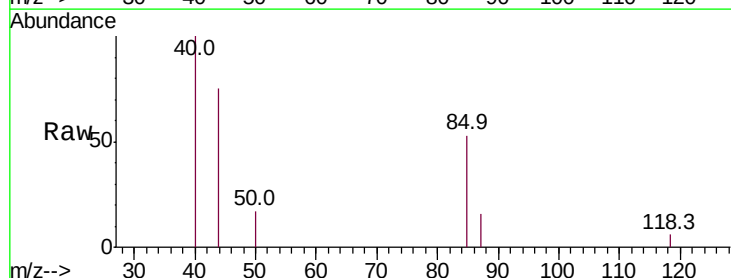
Acq: 17 Sep 2020 10:57

Tgt Ion: 85 Resp: 1819

Ion Ratio Lower Upper

85 100

87 30.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1500

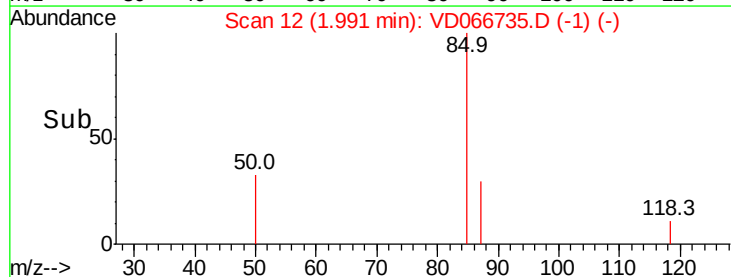
1000

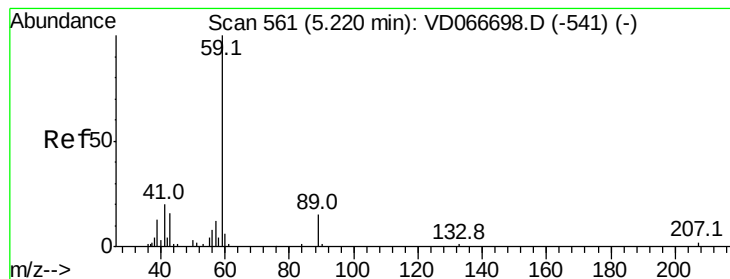
500

0

Time-->

1.95 2.00



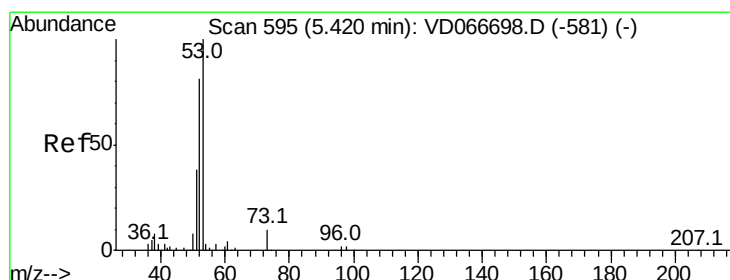
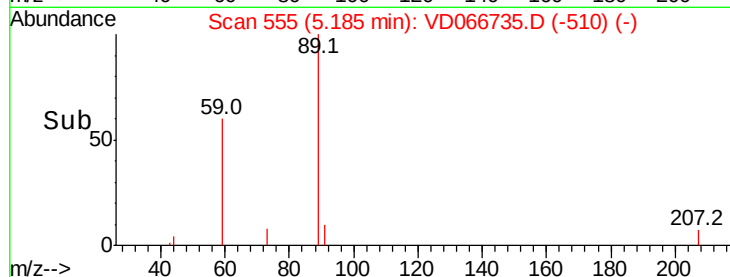
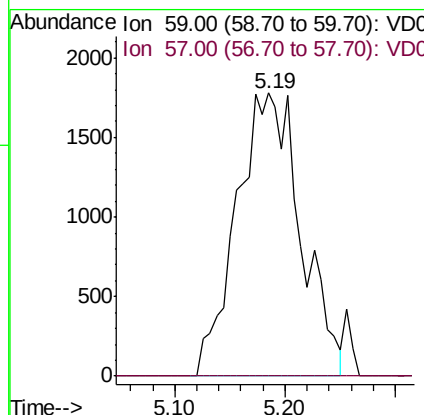
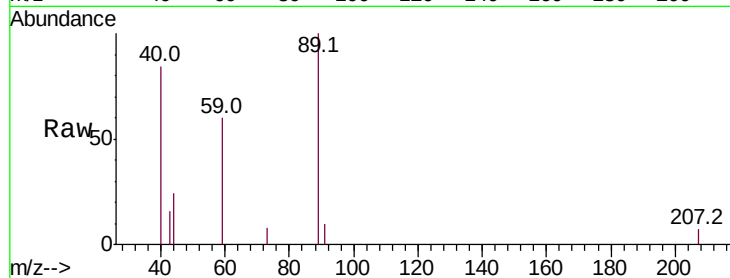


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 555
 Delta R.T. -0.03 min
 Lab File: VD066735.D
 Acq: 17 Sep 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBL01

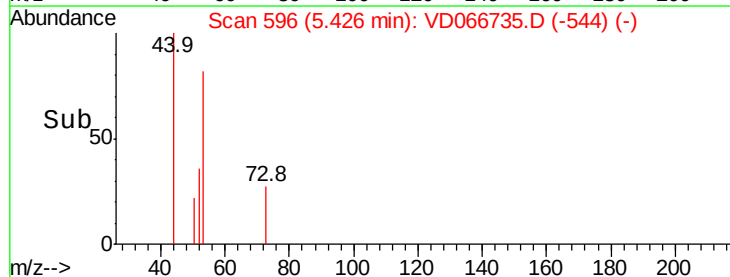
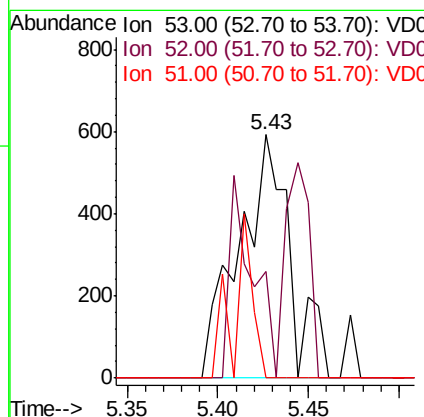
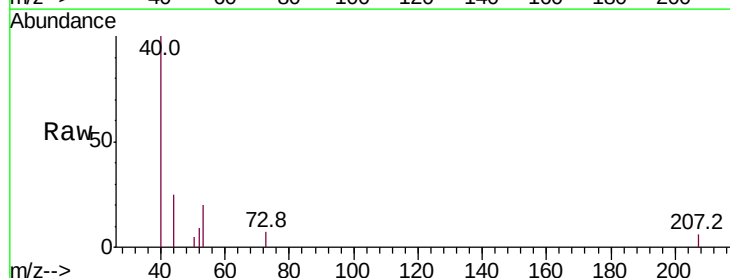
Tot Ion: 59 Resp: 7233
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#

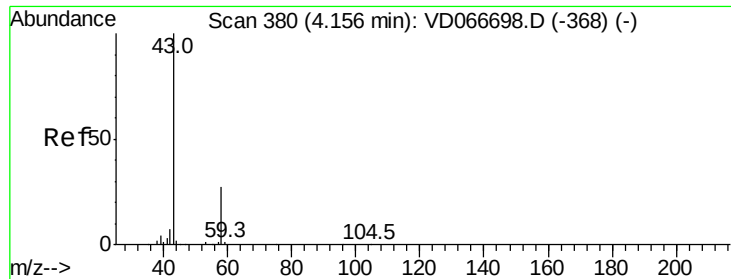


#15

Acrylonitrile
 Concen: 1.287 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD066735.D
 Acq: 17 Sep 2020 10:57

Tgt Ion: 53 Resp: 1164
 Ion Ratio Lower Upper
 53 100
 52 41.4 66.6 99.8#
 51 0.0 31.0 46.6#





#16

Acetone

Concen: 3.474 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066735.D

Acq: 17 Sep 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

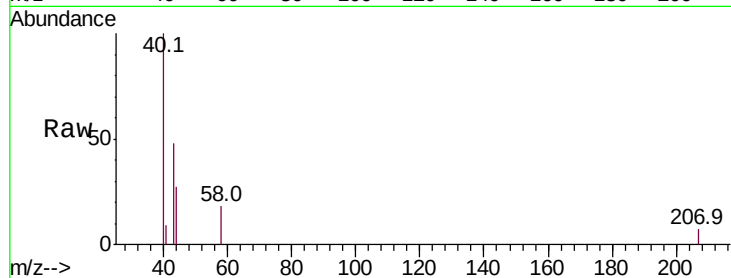
VD0917SBL01

Tot Ion: 43 Resp: 3164

Ion Ratio Lower Upper

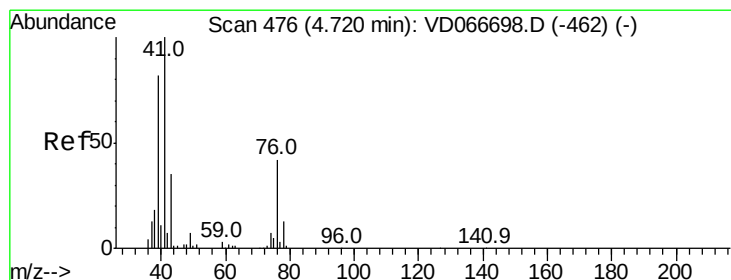
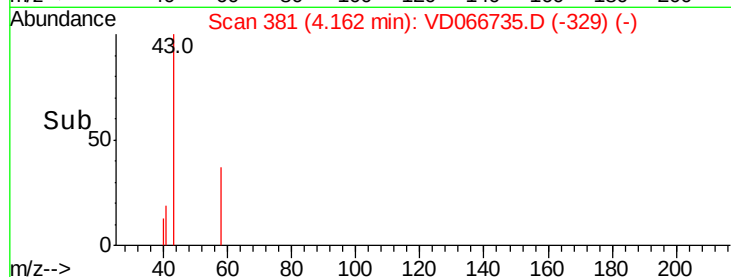
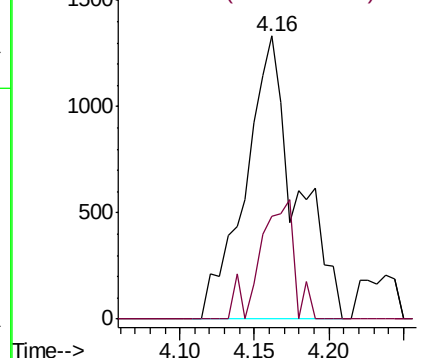
43 100

58 36.6 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD066735.D

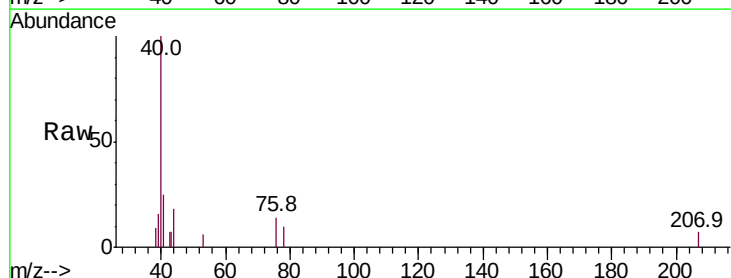
Acq: 17 Sep 2020 10:57

Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

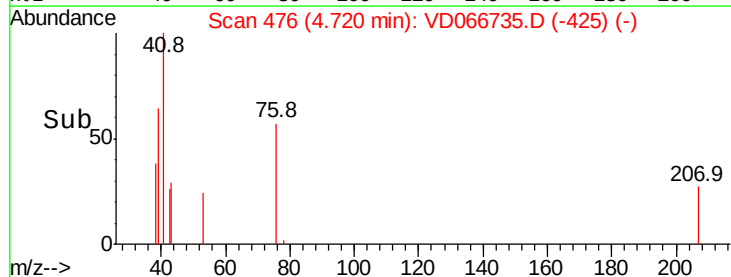
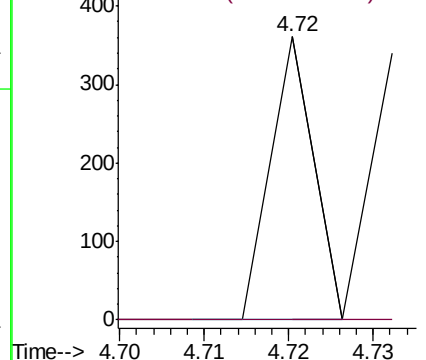
43 100

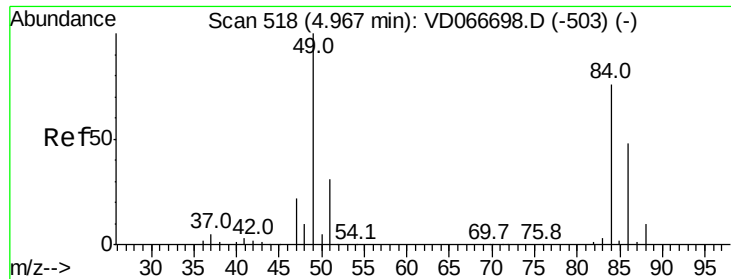
74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

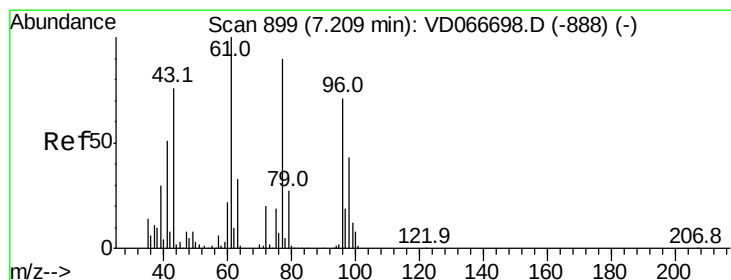
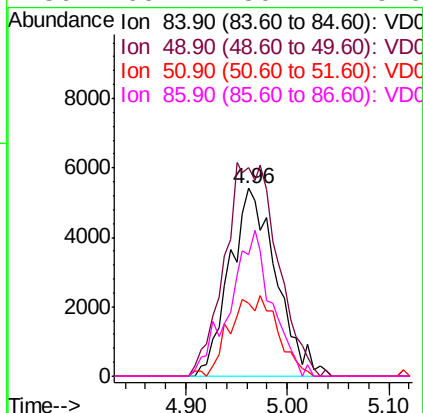
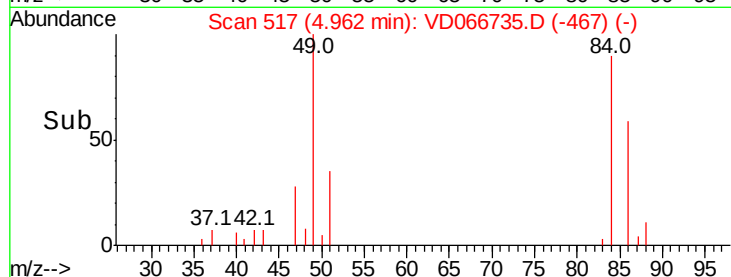
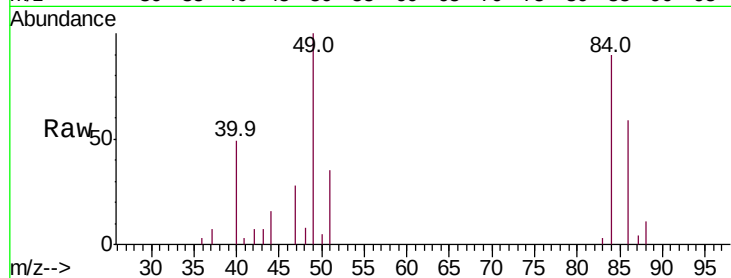




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

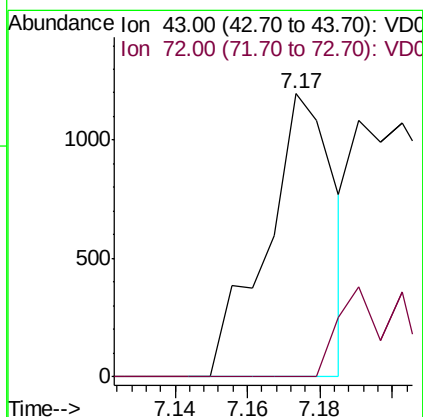
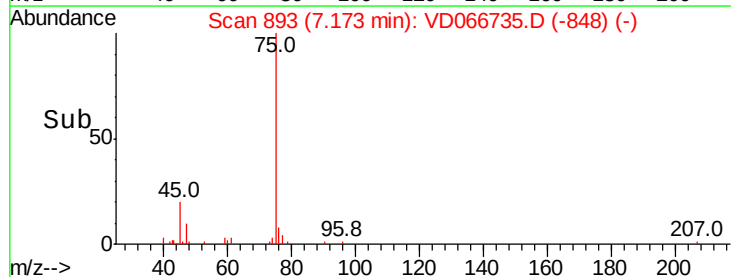
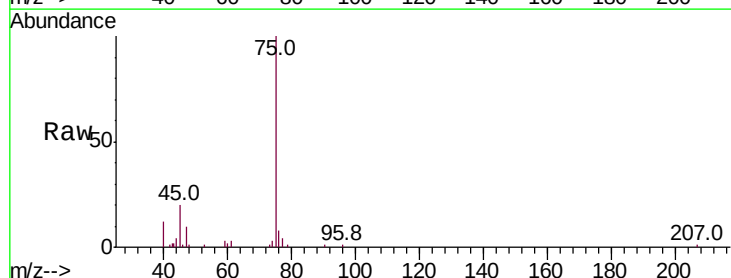
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBL01

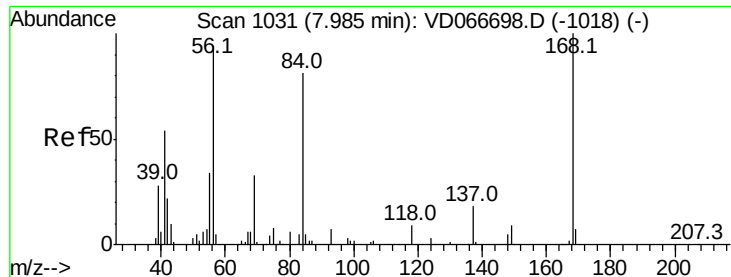
Tot Ion: 84 Resp: 17204
Ion Ratio Lower Upper
84 100
49 111.1 105.0 157.6
51 39.0 32.2 48.4
86 65.2 50.4 75.6



#25
2-Butanone
Concen: 1.311 ug/l
RT: 7.17 min Scan# 893
Delta R.T. -0.04 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

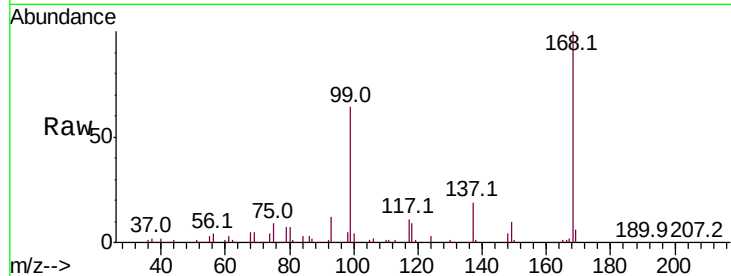




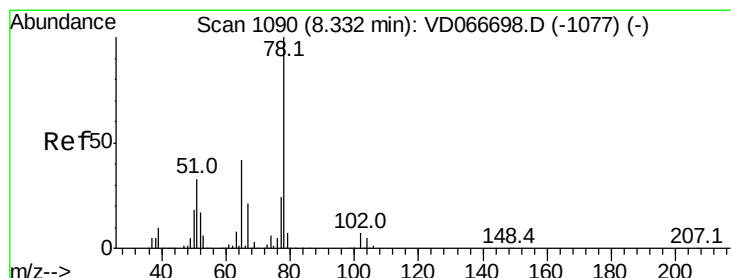
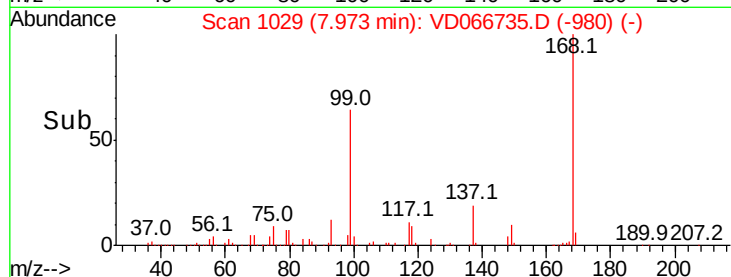
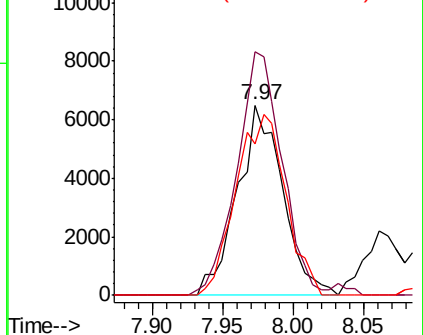
#31
Cyclohexane
Concen: 1.861 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBL01

Tot Ion: 56 Resp: 14704
Ion Ratio Lower Upper
56 100
69 128.1 27.7 41.5#
84 79.9 68.5 102.7

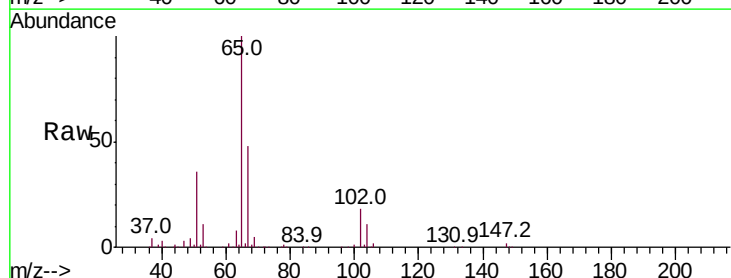


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

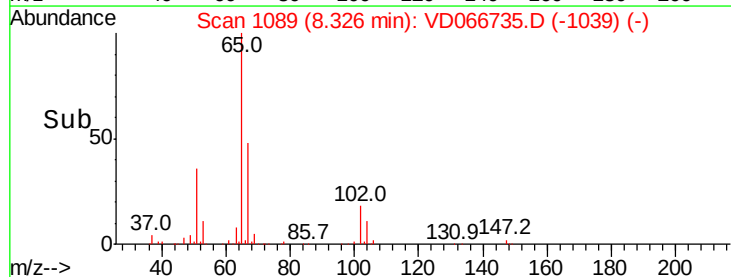
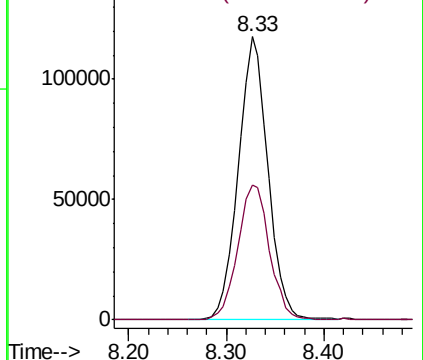


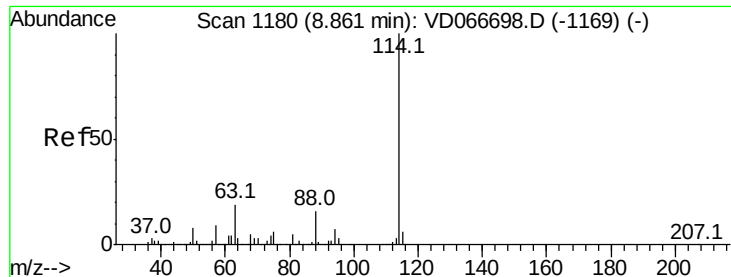
#33
1,2-Dichloroethane-d4
Concen: 55.823 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

Tgt Ion: 65 Resp: 249695
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066735.D

Acq: 17 Sep 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBL01

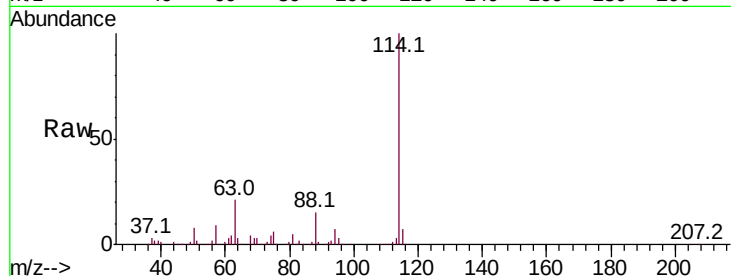
Tot Ion:114 Resp: 752481

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.6

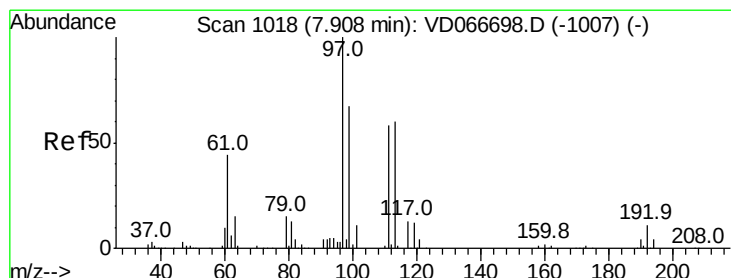
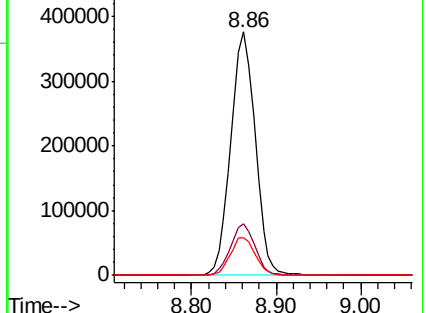
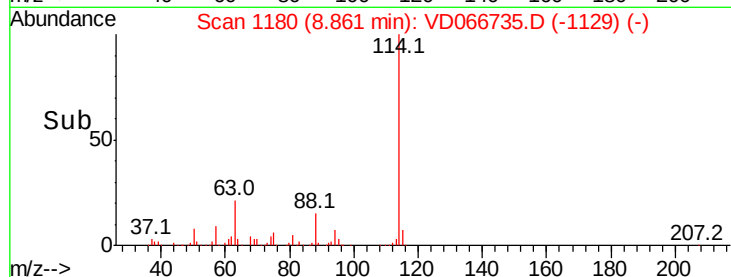
88 15.3 0.0 32.2



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: 54.309 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066735.D

Acq: 17 Sep 2020 10:57

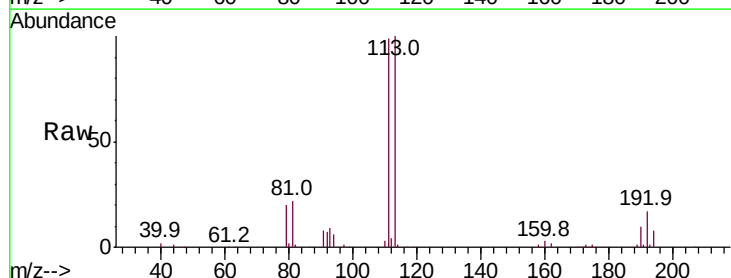
Tgt Ion:113 Resp: 250550

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

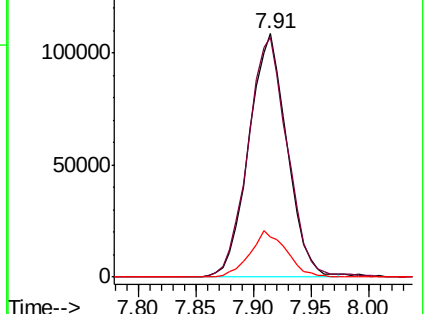
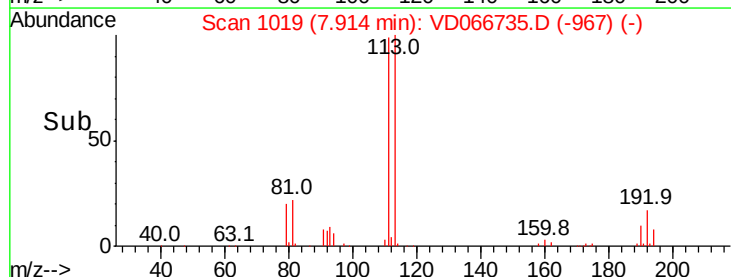
192 18.1 14.8 22.2

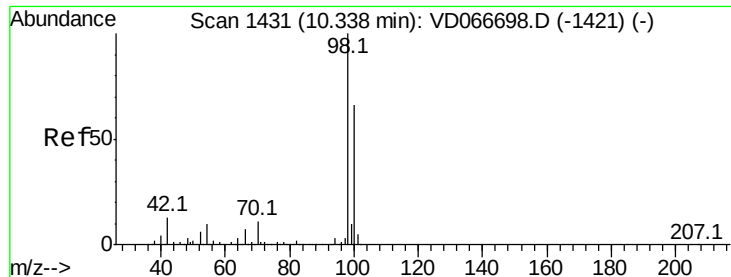


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

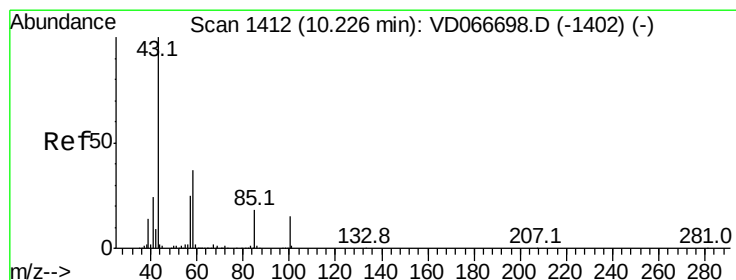
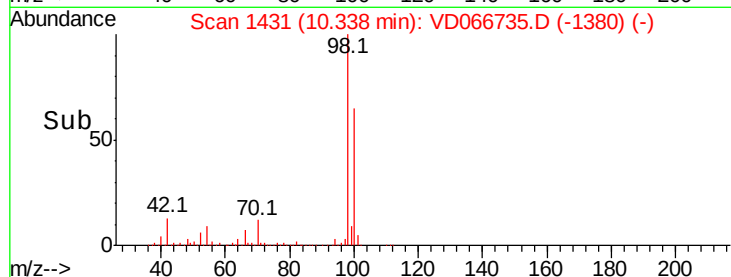
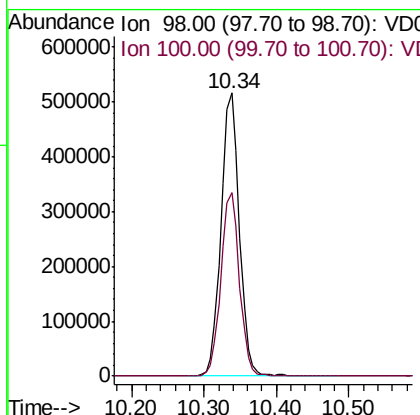
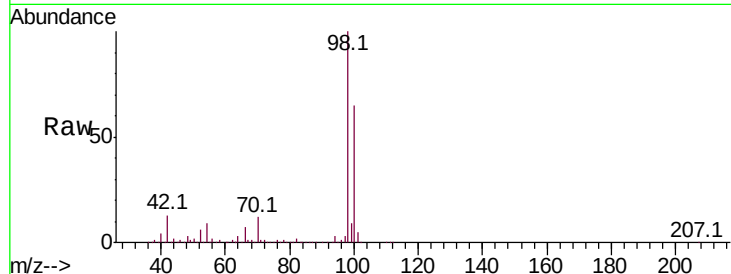




#50
Toluene-d8
Concen: 55.323 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

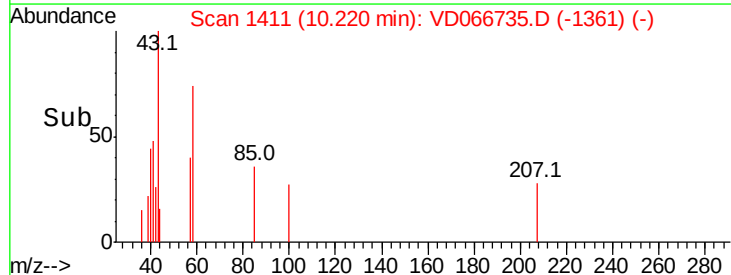
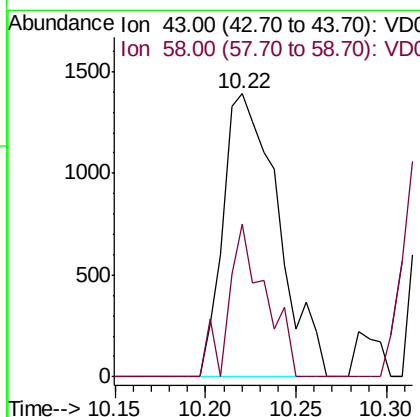
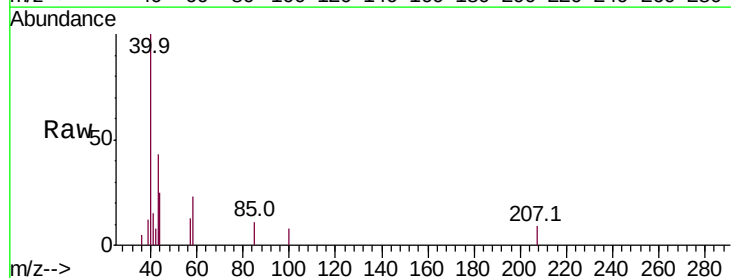
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBL01

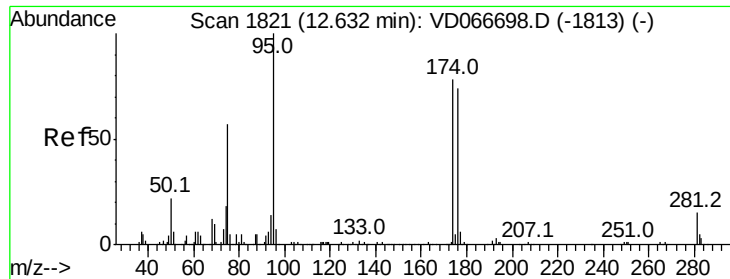
Tot Ion: 98 Resp: 909316
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.036 ug/l
RT: 10.22 min Scan# 1411
Delta R.T. -0.01 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

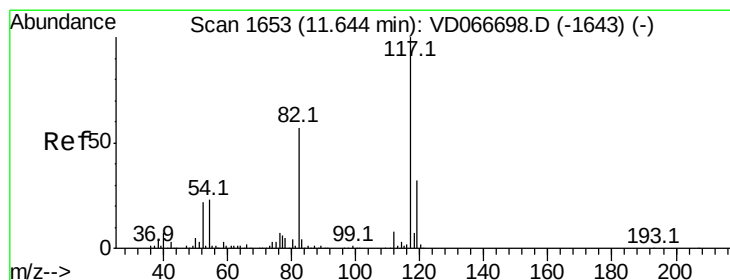
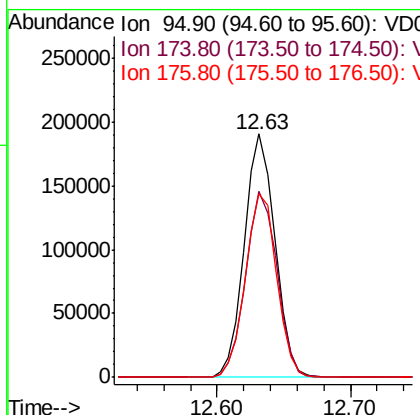
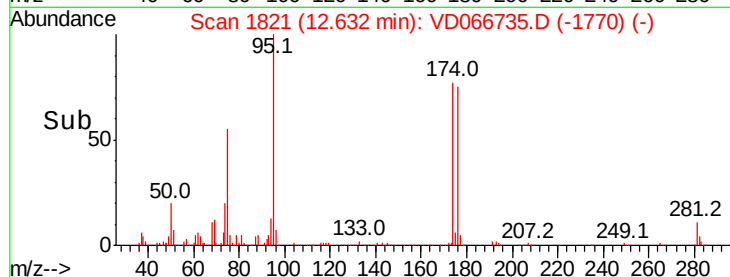
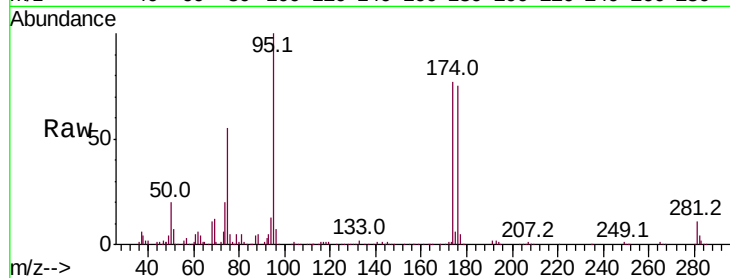




#62
4-Bromofluorobenzene
Concen: 53.199 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

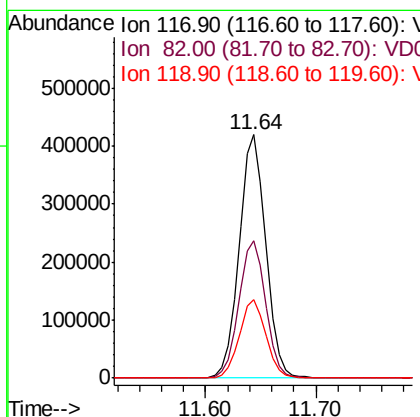
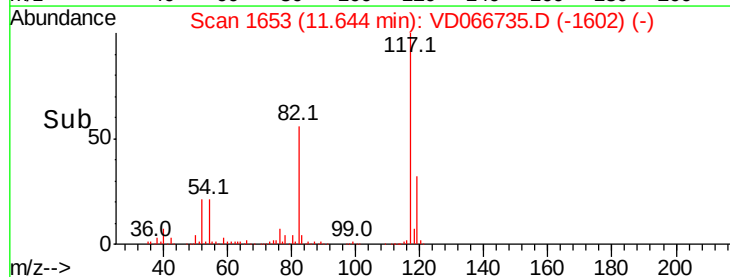
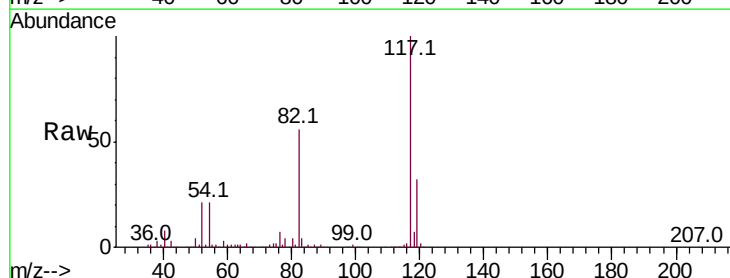
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBL01

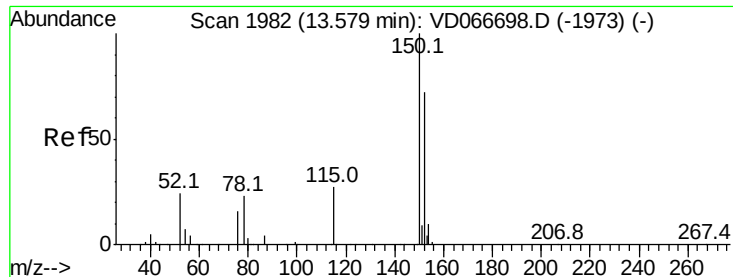
Tot Ion: 95 Resp: 301833
Ion Ratio Lower Upper
95 100
174 78.2 0.0 156.6
176 76.7 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066735.D
Acq: 17 Sep 2020 10:57

Tgt Ion: 117 Resp: 708915
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066735.D

Acq: 17 Sep 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBL01

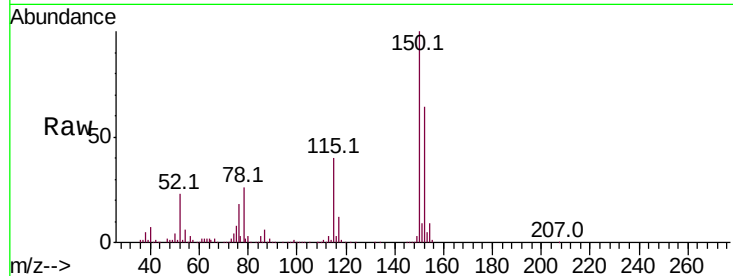
Tot Ion:152 Resp: 318714

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

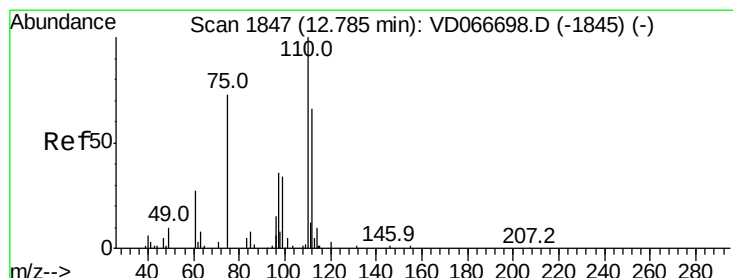
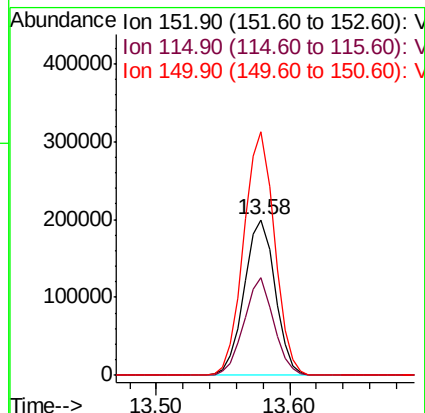
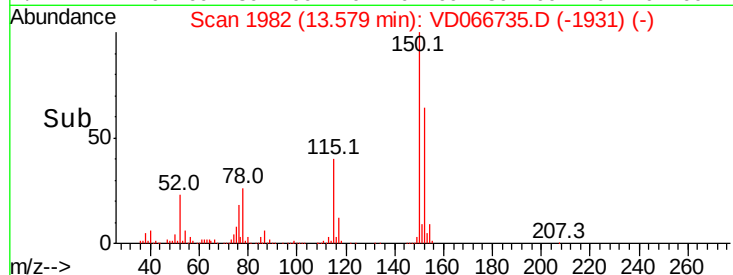
150 156.2 0.0 344.6



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: 61.635 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066735.D

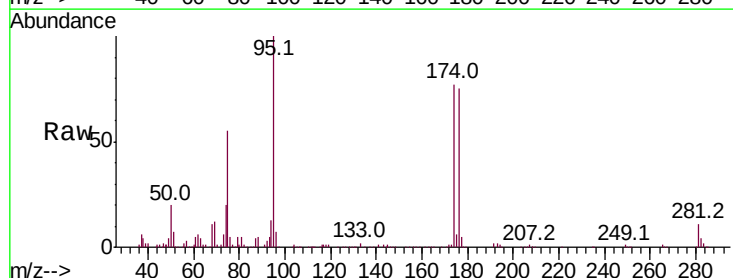
Acq: 17 Sep 2020 10:57

Tgt Ion: 75 Resp: 168144

Ion Ratio Lower Upper

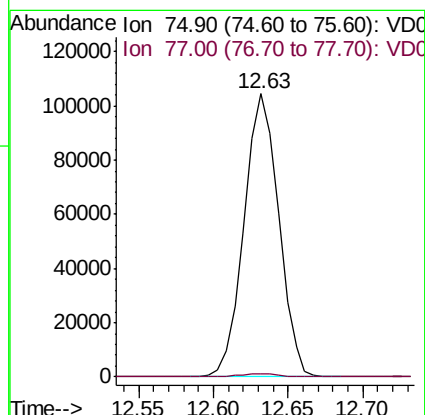
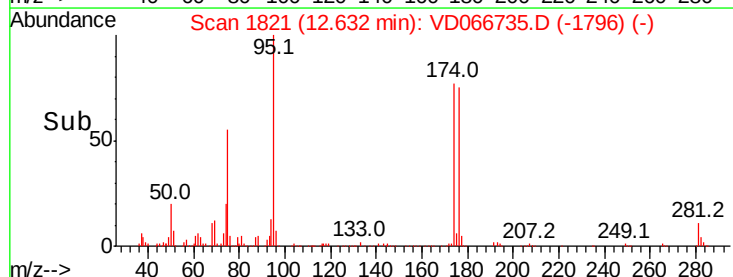
75 100

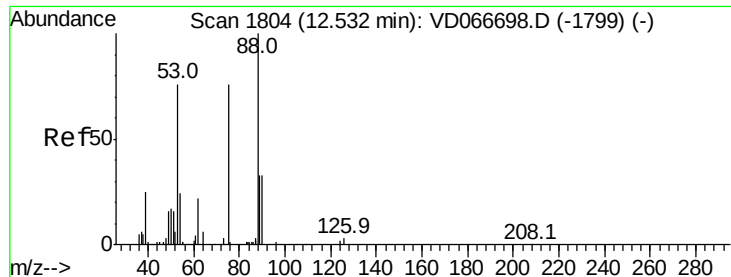
77 1.2 0.0 0.0#



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: 133.019 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066735.D

Acq: 17 Sep 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBL01

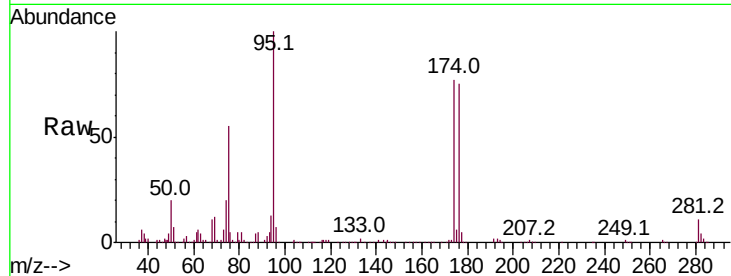
Tot Ion: 75 Resp: 168144

Ion Ratio Lower Upper

75 100

53 0.1 82.2 123.4#

89 0.1 39.6 59.4#



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

