

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065799.D
 Acq On : 18 Jun 2020 11:02
 Operator : VA/SY
 Sample : VD0618SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBL01

Quant Time: Jun 19 00:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	183173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	302457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121745	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	102030	56.37	ug/l	0.00
Spiked Amount			Recovery	=	112.74%	
35) Dibromofluoromethane	7.91	113	100065	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
50) Toluene-d8	10.34	98	364749	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.64	95	111617	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

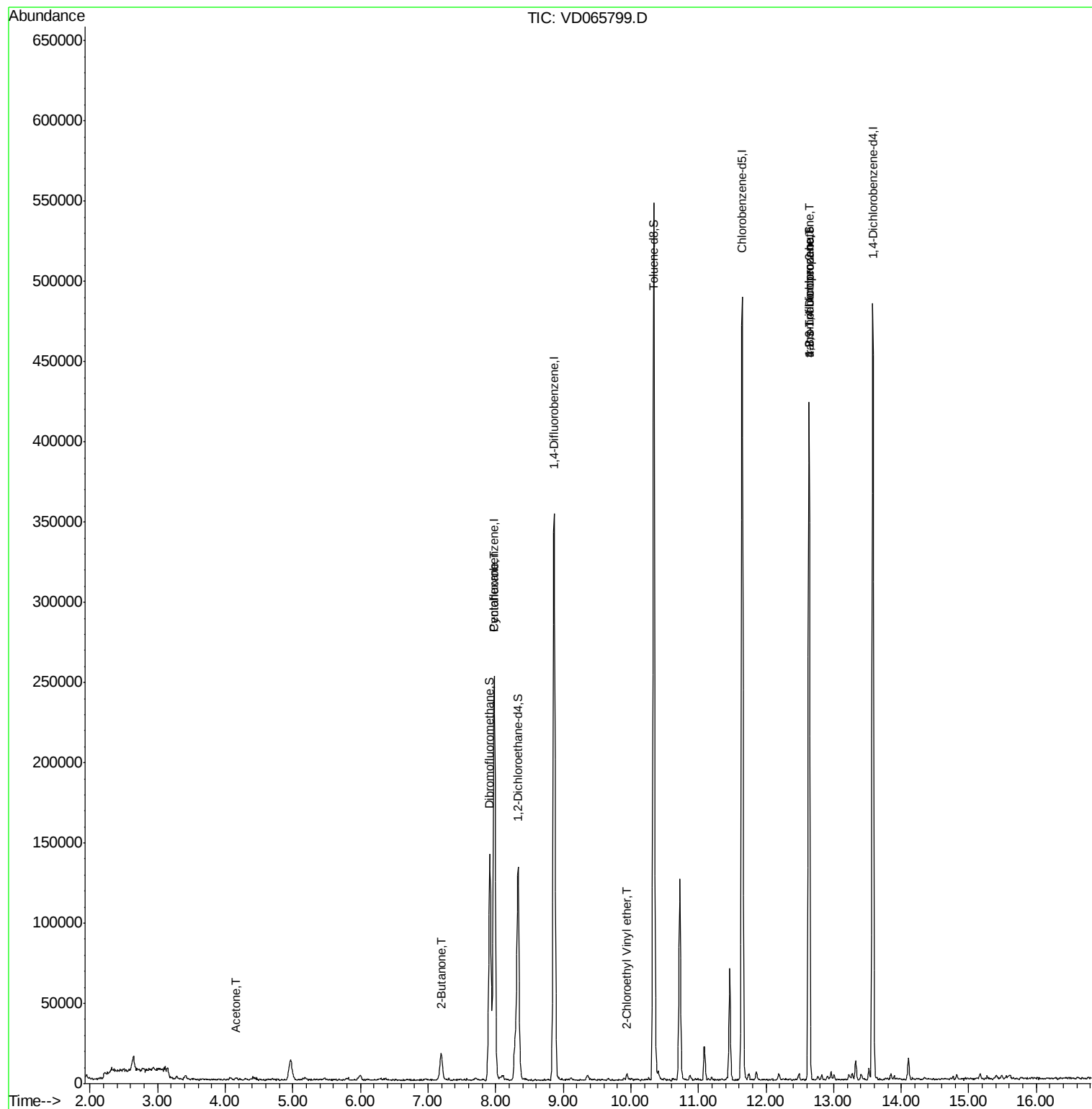
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	335	Below Cal	#	42
3) Chloromethane	2.21	50	904	Below Cal		89
11) Tert butyl alcohol	5.24	59	61	Below Cal	#	74
16) Acetone	4.16	43	2154	6.309	ug/l	98
18) Methyl Acetate	4.70	43	57	Below Cal	#	52
25) 2-Butanone	7.19	43	1681	3.565	ug/l	52
31) Cyclohexane	7.97	56	5369	1.654	ug/l	19
58) 2-Chloroethyl Vinyl ether	9.94	63	1658	2.102	ug/l	93
76) 1,2,3-Trichloropropane	12.64	75	64061	67.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.64	75	64061	146.185	ug/l	9

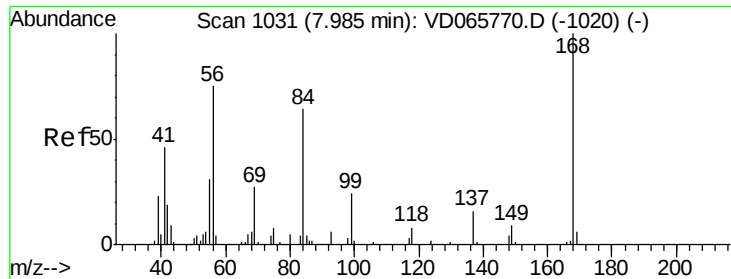
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061820\
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Acq On : 18 Jun 2020 11:02
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBL01

Quant Time: Jun 19 00:59:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065799.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

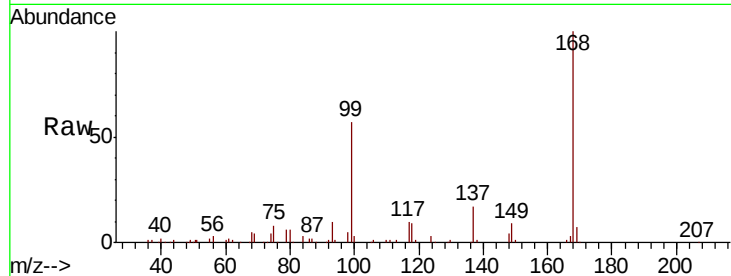
VD0618SBL01

Tot Ion:168 Resp: 183173

Ion Ratio Lower Upper

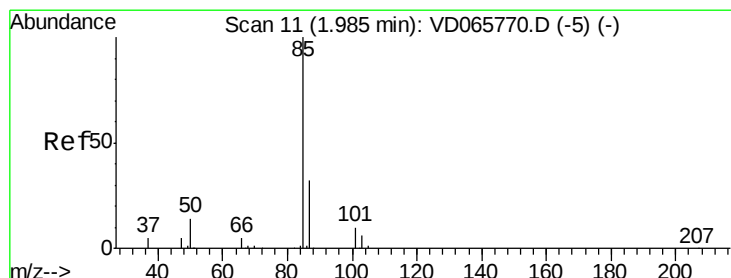
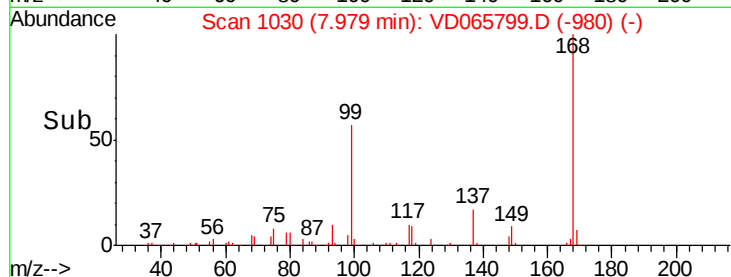
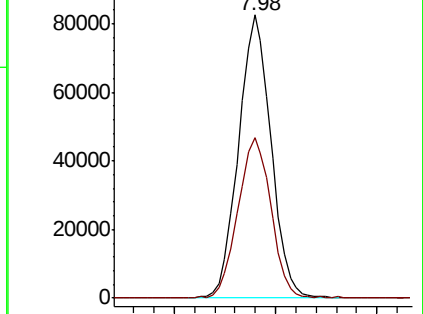
168 100

99 56.8 45.3 67.9



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: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD065799.D

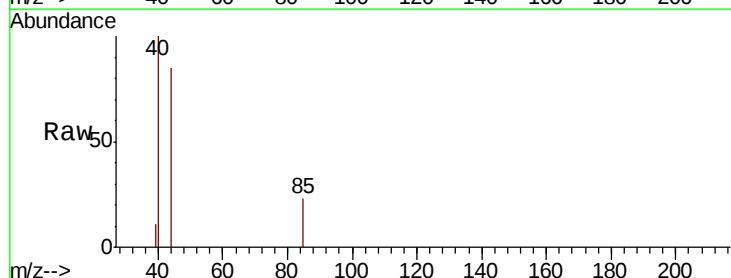
Acq: 18 Jun 2020 11:02

Tgt Ion: 85 Resp: 335

Ion Ratio Lower Upper

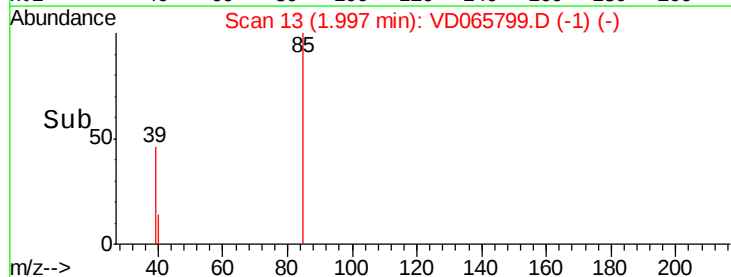
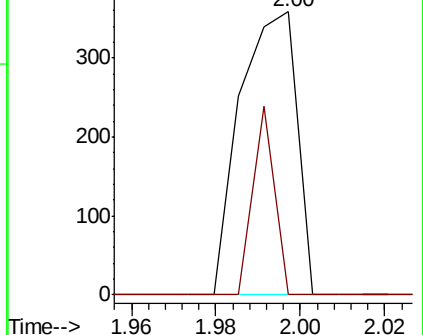
85 100

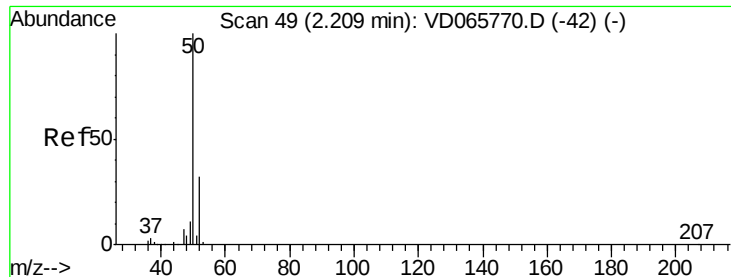
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065799.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

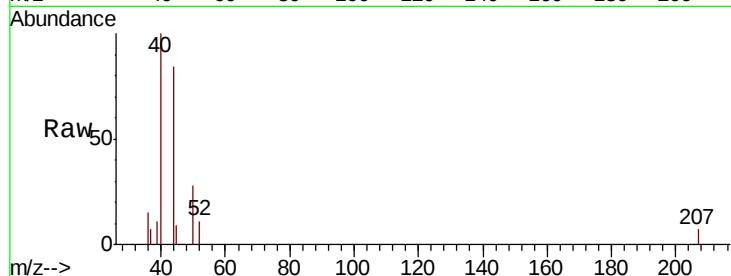
VD0618SBL01

Tot Ion: 50 Resp: 904

Ion Ratio Lower Upper

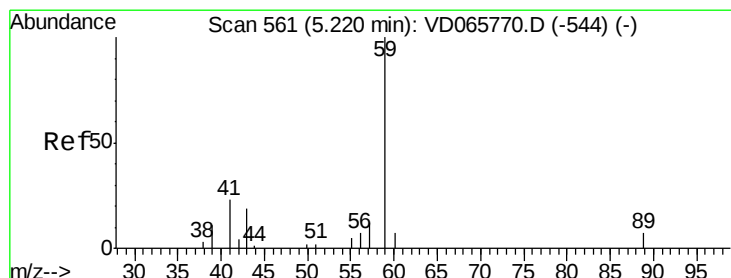
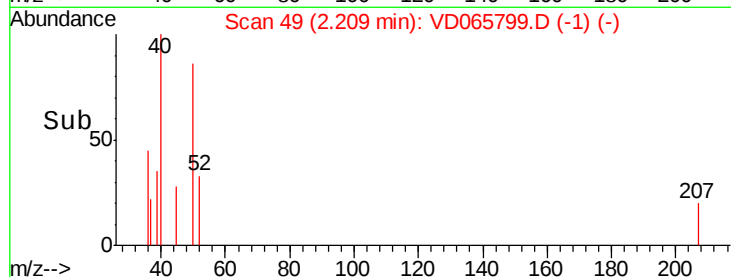
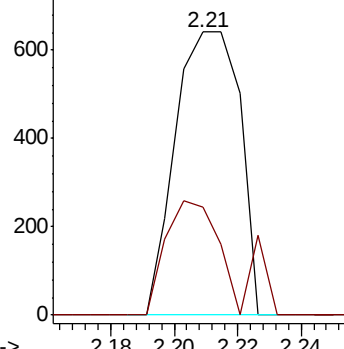
50 100

52 38.4 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 564

Delta R.T. 0.02 min

Lab File: VD065799.D

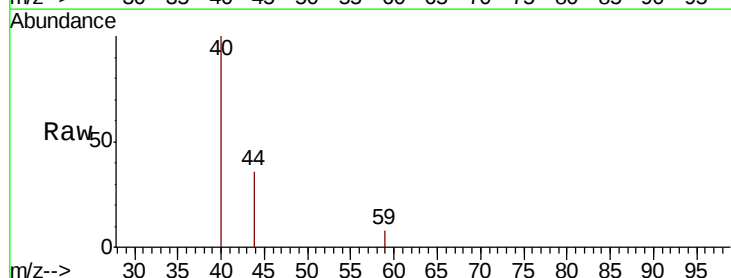
Acq: 18 Jun 2020 11:02

Tgt Ion: 59 Resp: 61

Ion Ratio Lower Upper

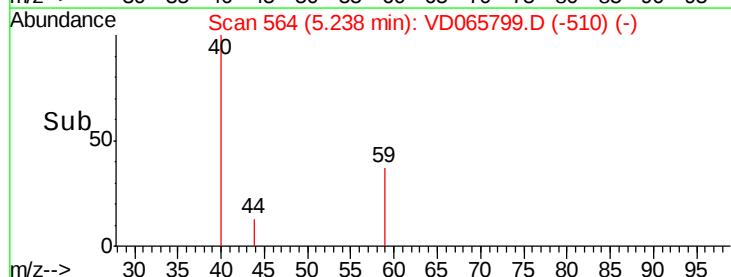
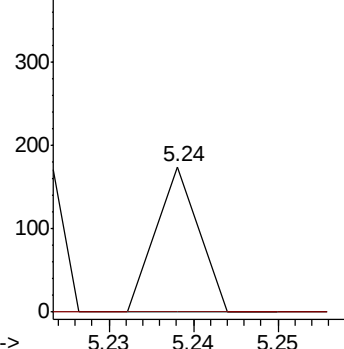
59 100

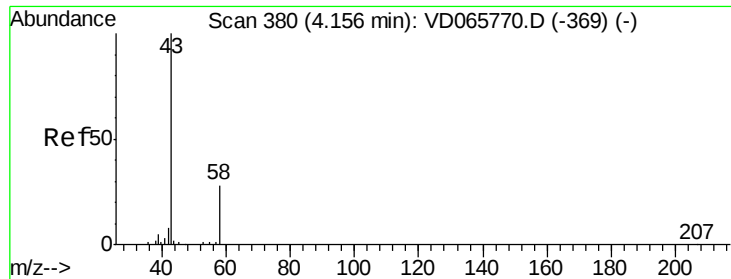
57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 6.309 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065799.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

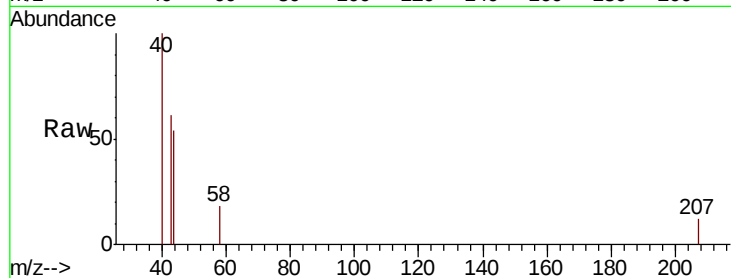
VD0618SBL01

Tot Ion: 43 Resp: 2154

Ion Ratio Lower Upper

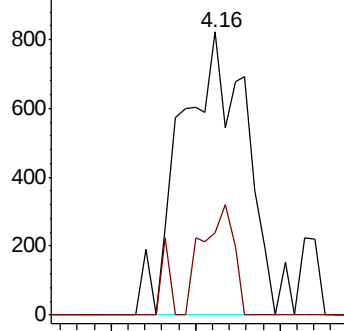
43 100

58 29.0 22.3 33.5

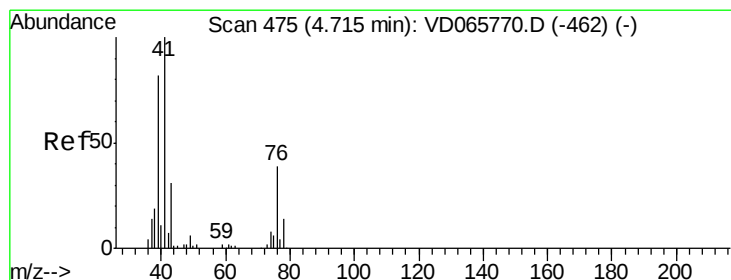
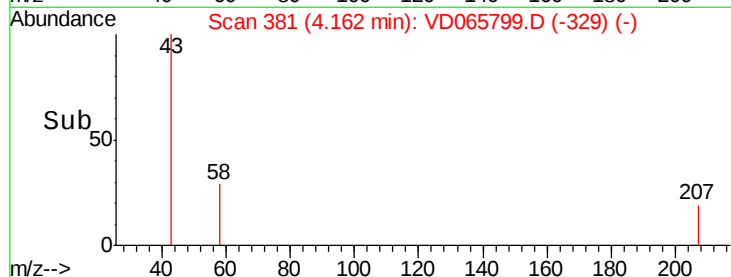


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD065799.D

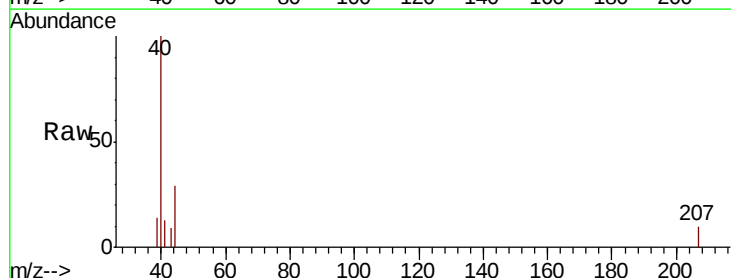
Acq: 18 Jun 2020 11:02

Tgt Ion: 43 Resp: 57

Ion Ratio Lower Upper

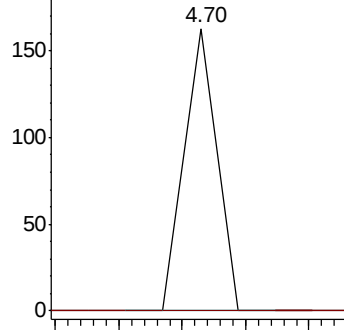
43 100

74 0.0 18.7 28.1#

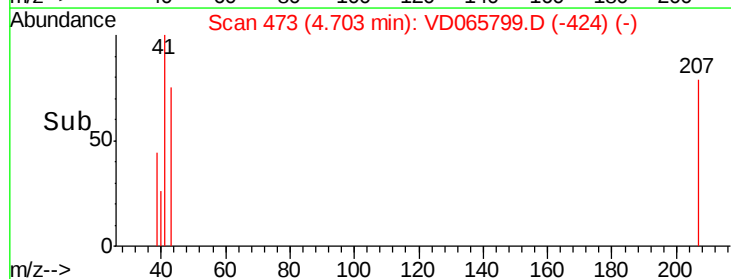


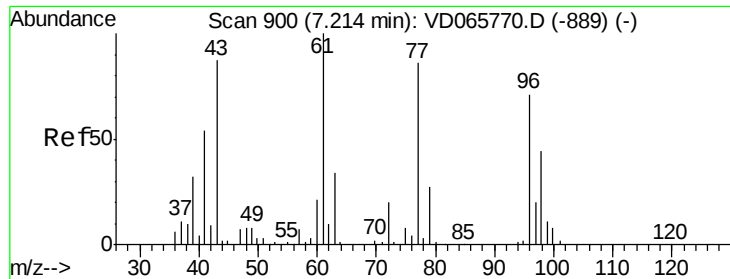
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



Time-->

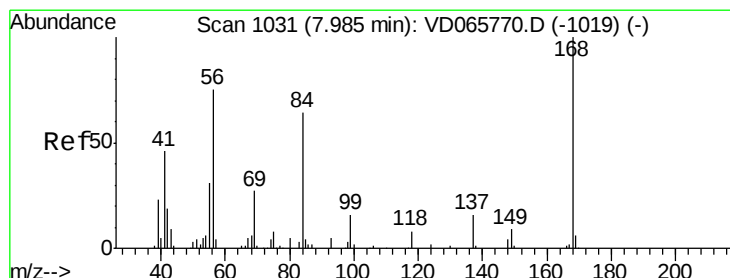
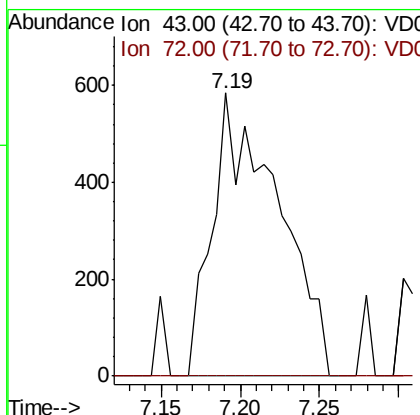
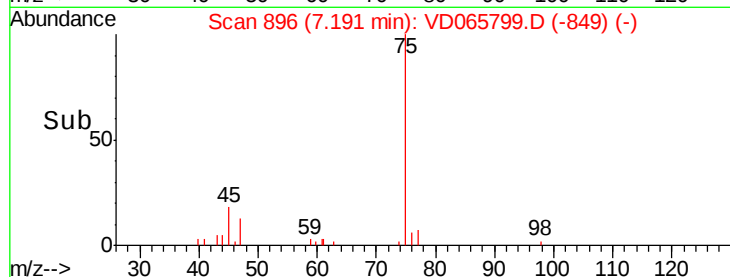
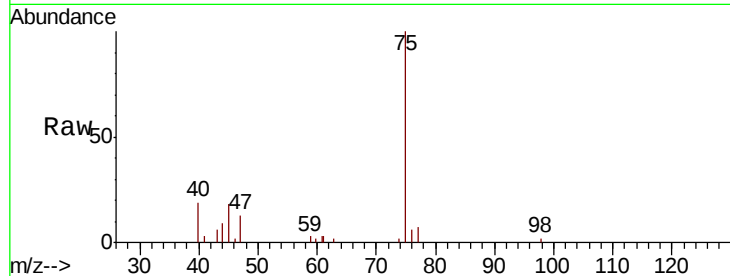




#25
2-Butanone
Concen: 3.565 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD065799.D
Acq: 18 Jun 2020 11:02

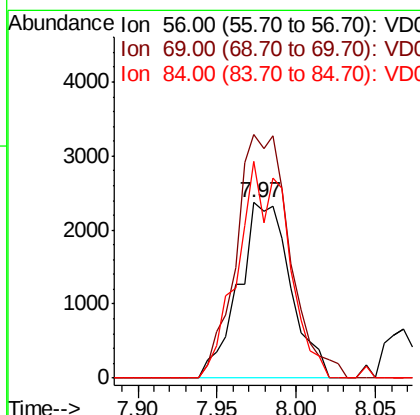
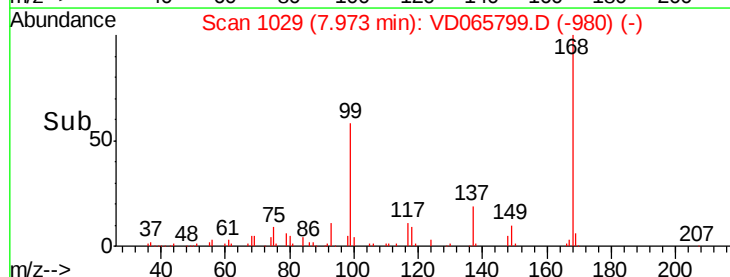
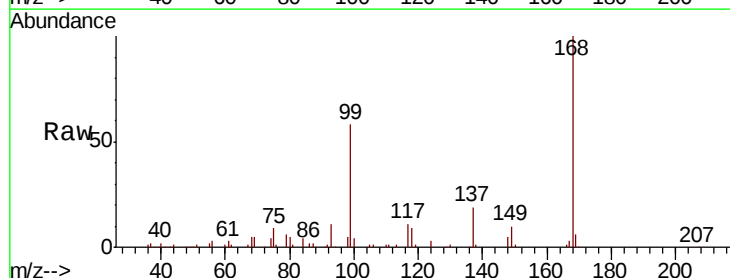
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBL01

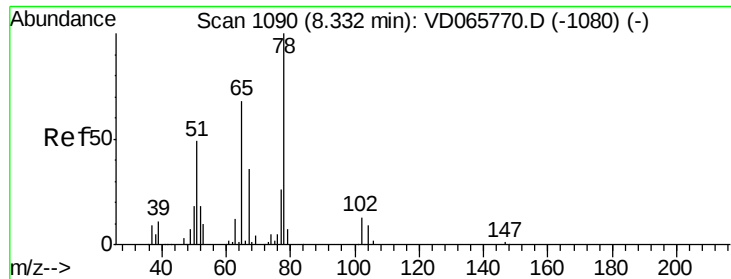
Tot Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
72 0.0 18.5 27.7#



#31
Cyclohexane
Concen: 1.654 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD065799.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 56 Resp: 5369
Ion Ratio Lower Upper
56 100
69 138.8 28.5 42.7#
84 123.8 68.4 102.6#

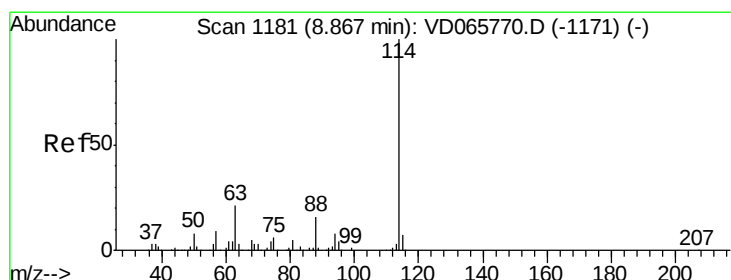
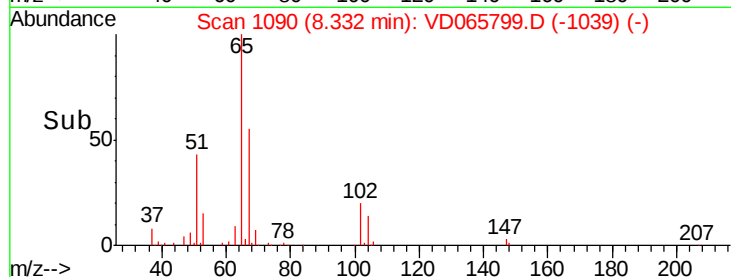
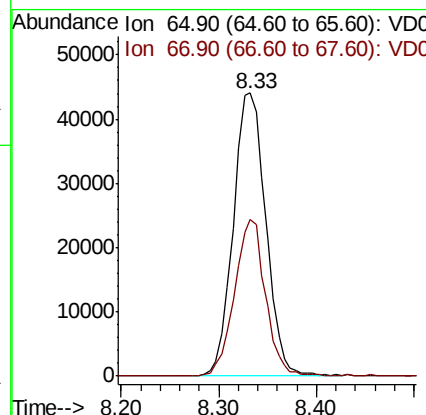
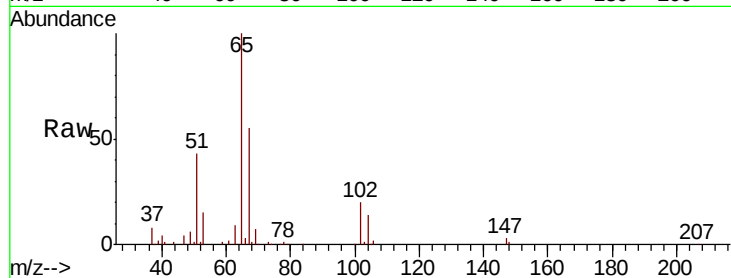




#33
 1,2-Dichloroethane-d4
 Concen: 56.370 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065799.D
 Acq: 18 Jun 2020 11:02

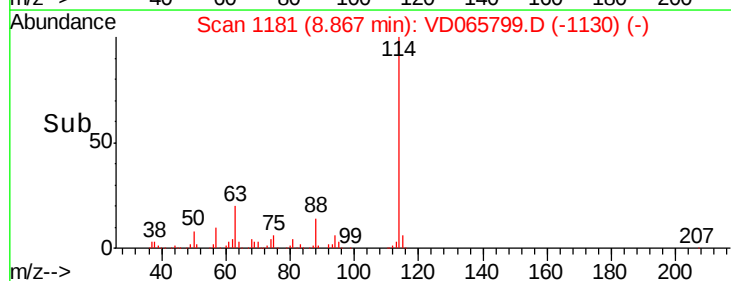
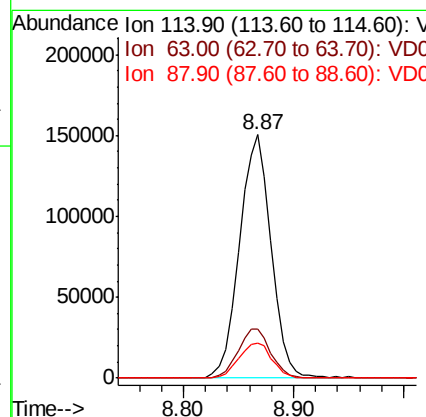
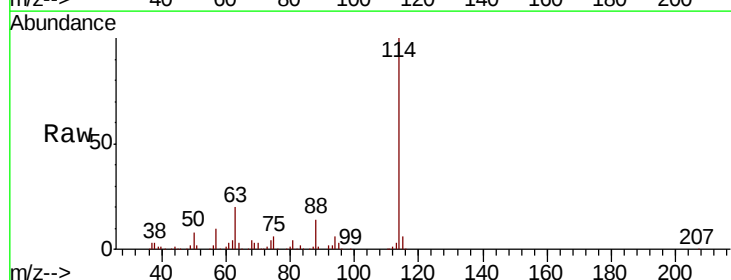
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBL01

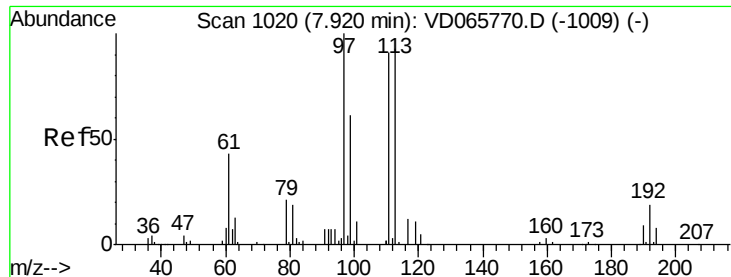
Tot Ion: 65 Resp: 102030
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065799.D
 Acq: 18 Jun 2020 11:02

Tgt Ion: 114 Resp: 302457
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 14.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.376 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065799.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBL01

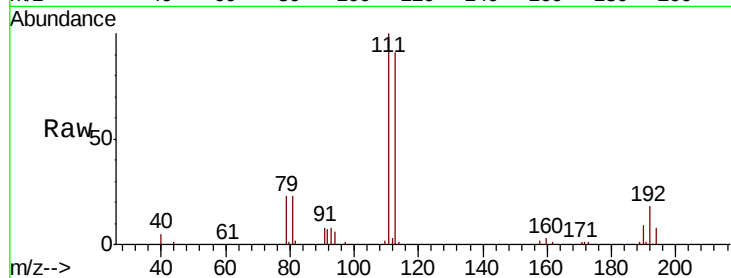
Tot Ion:113 Resp: 100065

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

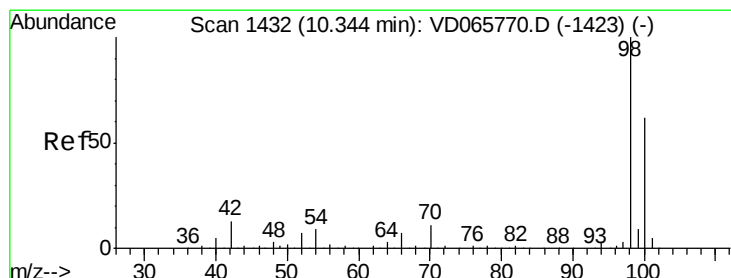
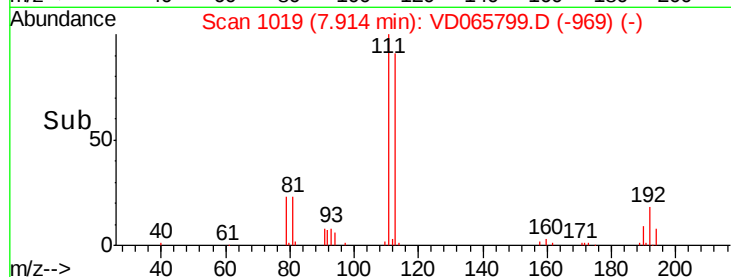
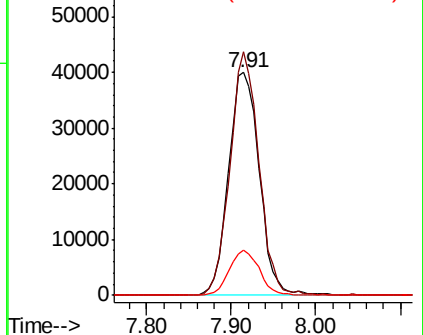
192 19.5 15.7 23.5



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: 51.200 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065799.D

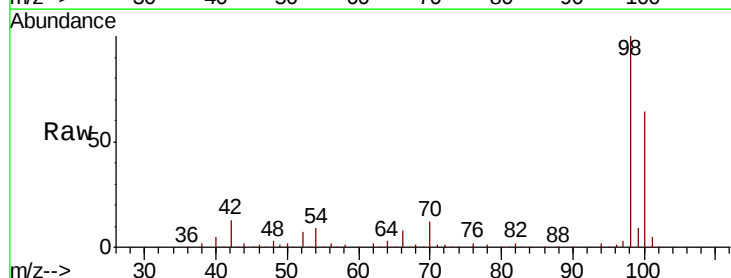
Acq: 18 Jun 2020 11:02

Tgt Ion: 98 Resp: 364749

Ion Ratio Lower Upper

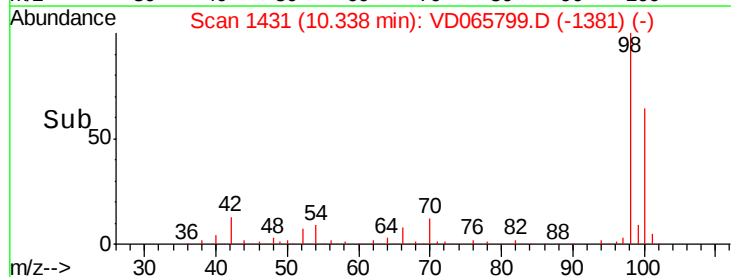
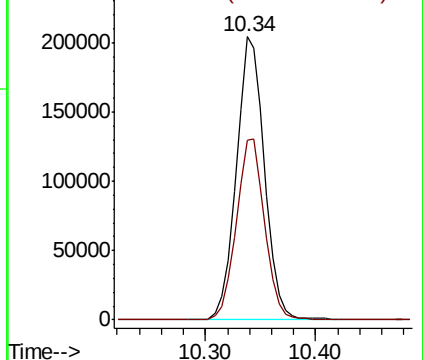
98 100

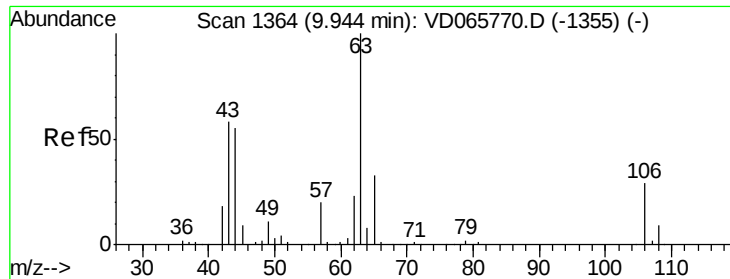
100 64.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

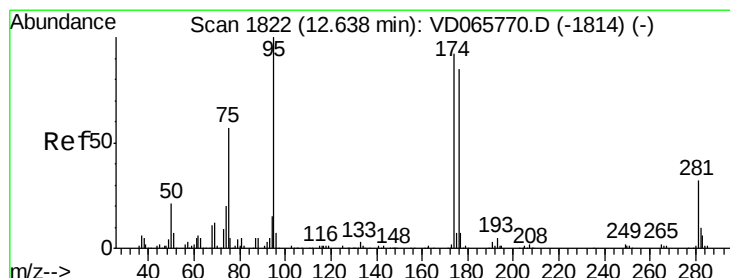
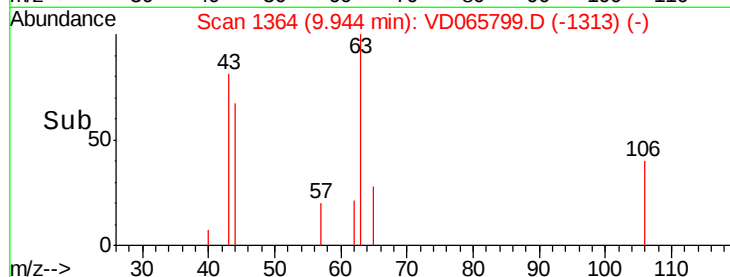
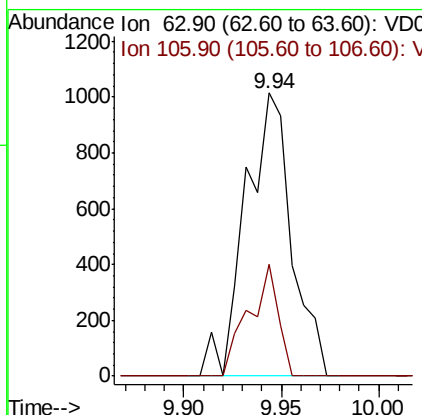
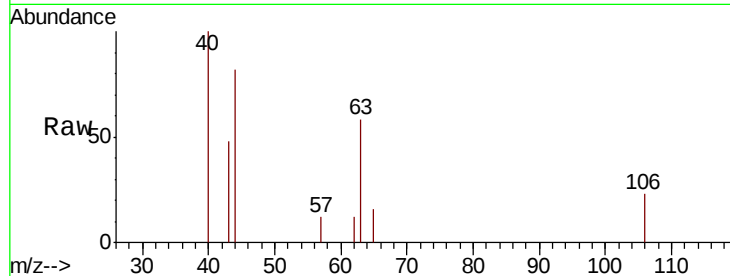




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.102 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065799.D
 Acq: 18 Jun 2020 11:02

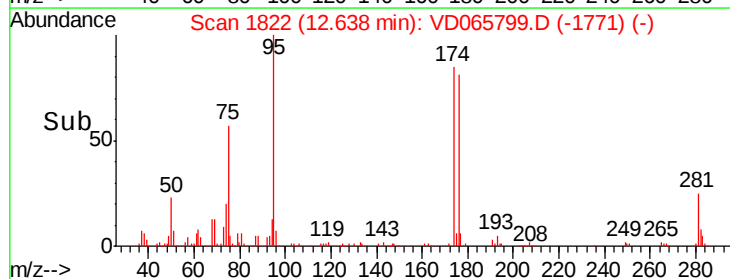
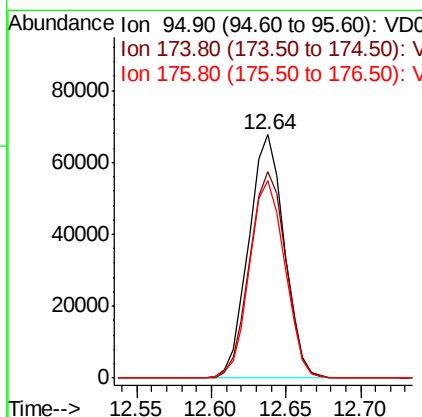
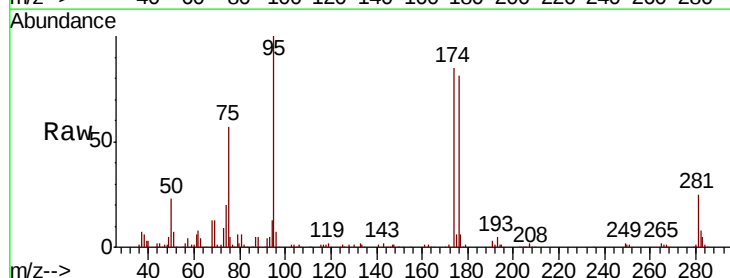
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBL01

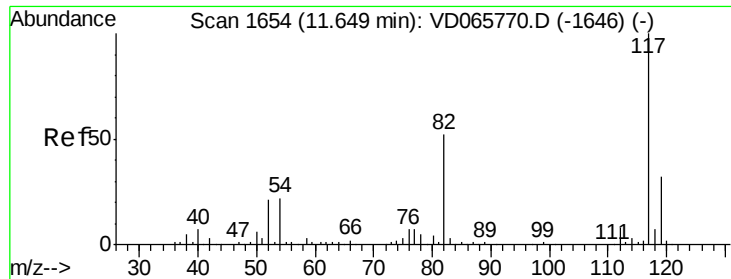
Tot Ion: 63 Resp: 1658
 Ion Ratio Lower Upper
 63 100
 106 25.2 23.2 34.8



#62
 4-Bromofluorobenzene
 Concen: 46.199 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065799.D
 Acq: 18 Jun 2020 11:02

Tgt Ion: 95 Resp: 111617
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 175.2
 176 81.0 0.0 163.0

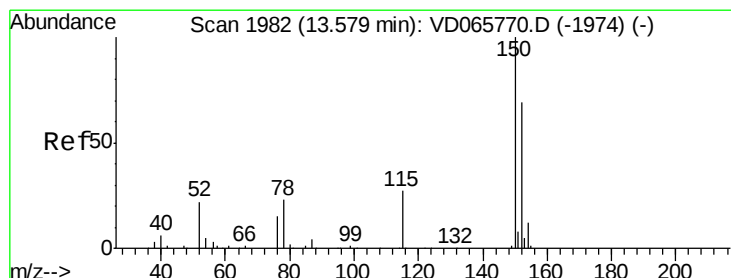
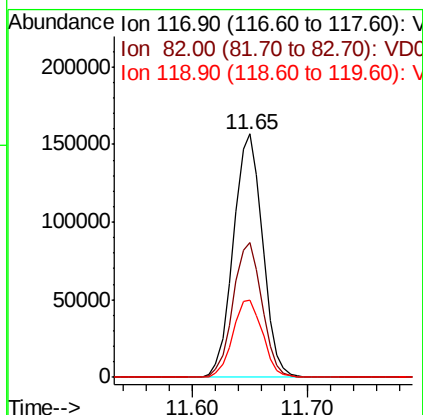
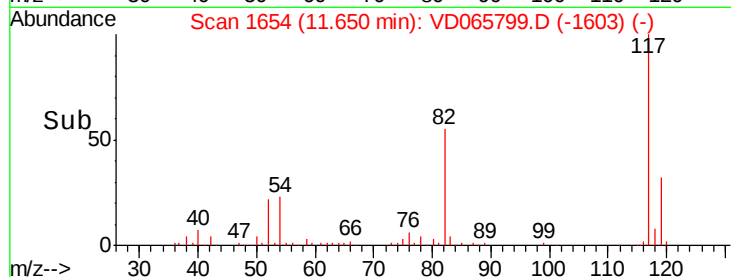
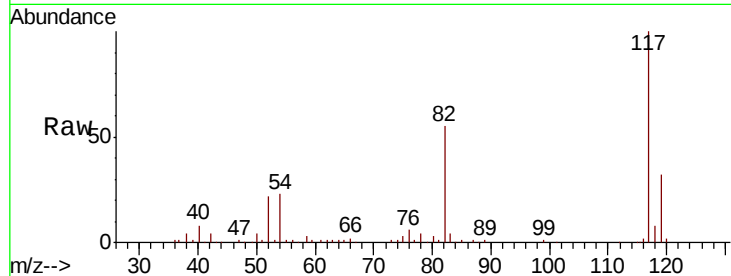




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065799.D
Acq: 18 Jun 2020 11:02

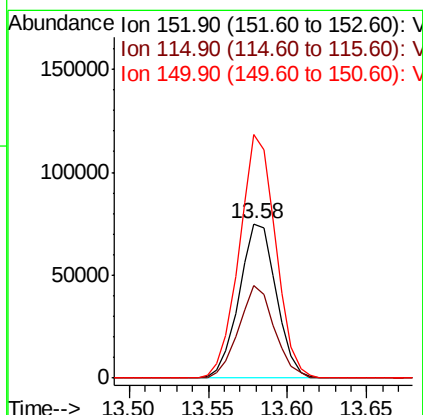
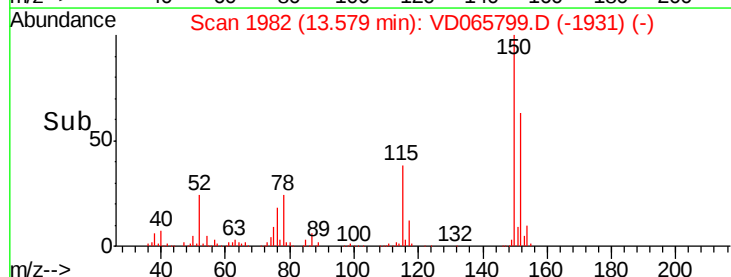
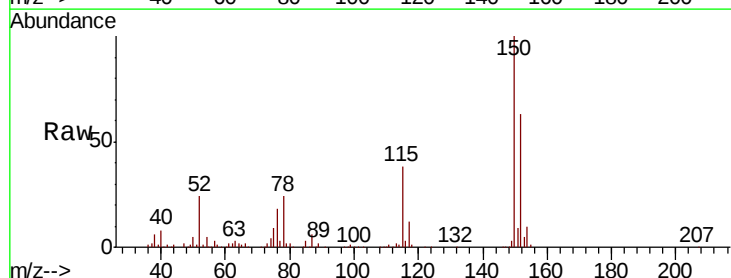
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBL01

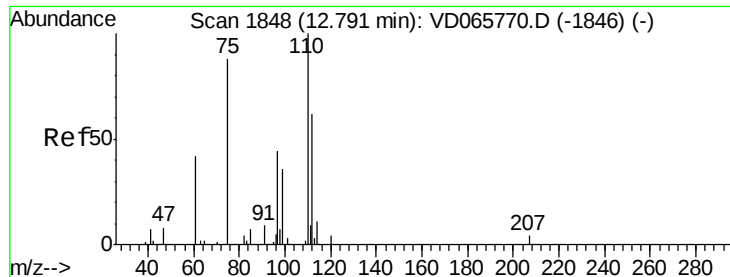
Tot Ion:117 Resp: 274873
Ion Ratio Lower Upper
117 100
82 55.2 41.9 62.9
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065799.D
Acq: 18 Jun 2020 11:02

Tgt Ion:152 Resp: 121745
Ion Ratio Lower Upper
152 100
115 58.2 28.7 86.1
150 154.5 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 67.659 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065799.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

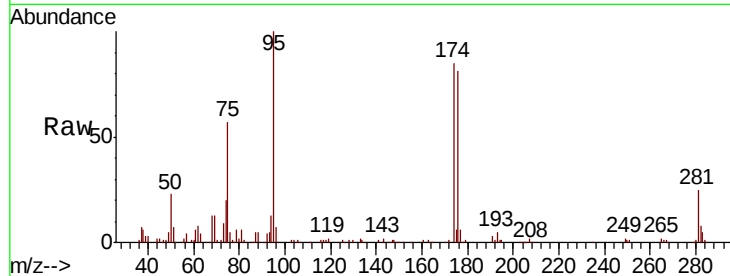
VD0618SBL01

Tot Ion: 75 Resp: 64061

Ion Ratio Lower Upper

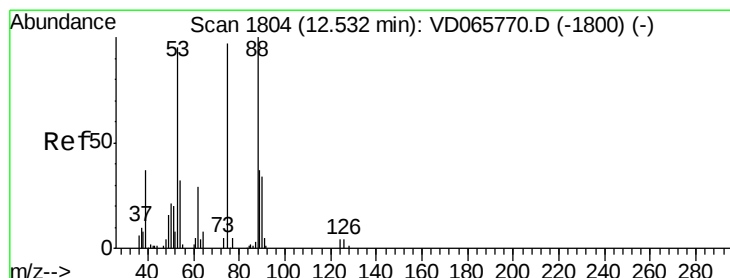
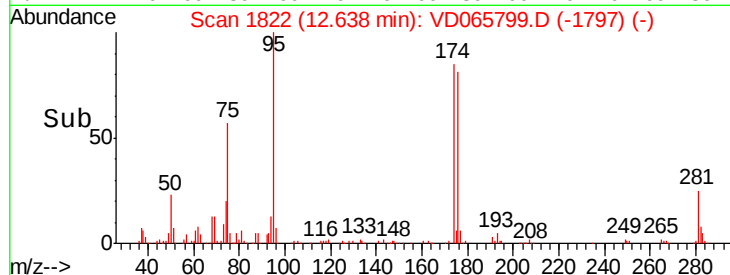
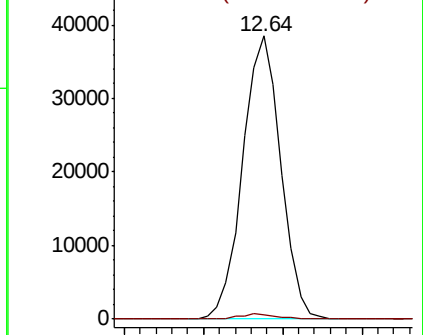
75 100

77 1.5 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: 146.185 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065799.D

Acq: 18 Jun 2020 11:02

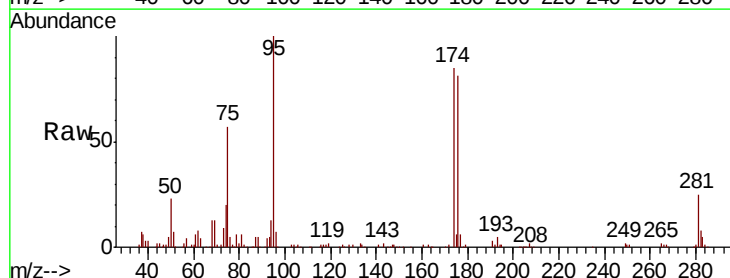
Tgt Ion: 75 Resp: 64061

Ion Ratio Lower Upper

75 100

53 0.1 82.6 123.8#

89 0.2 35.9 53.9#



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

