

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
 Data File : VD064989.D
 Acq On : 29 Jan 2020 11:21
 Operator : VA/SY
 Sample : VD0129SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBL01

Quant Time: Jan 29 15:35:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	563133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	888132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	851486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	411109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	269485	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.92	113	270192	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.34	98	1075883	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.64	95	364247	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	

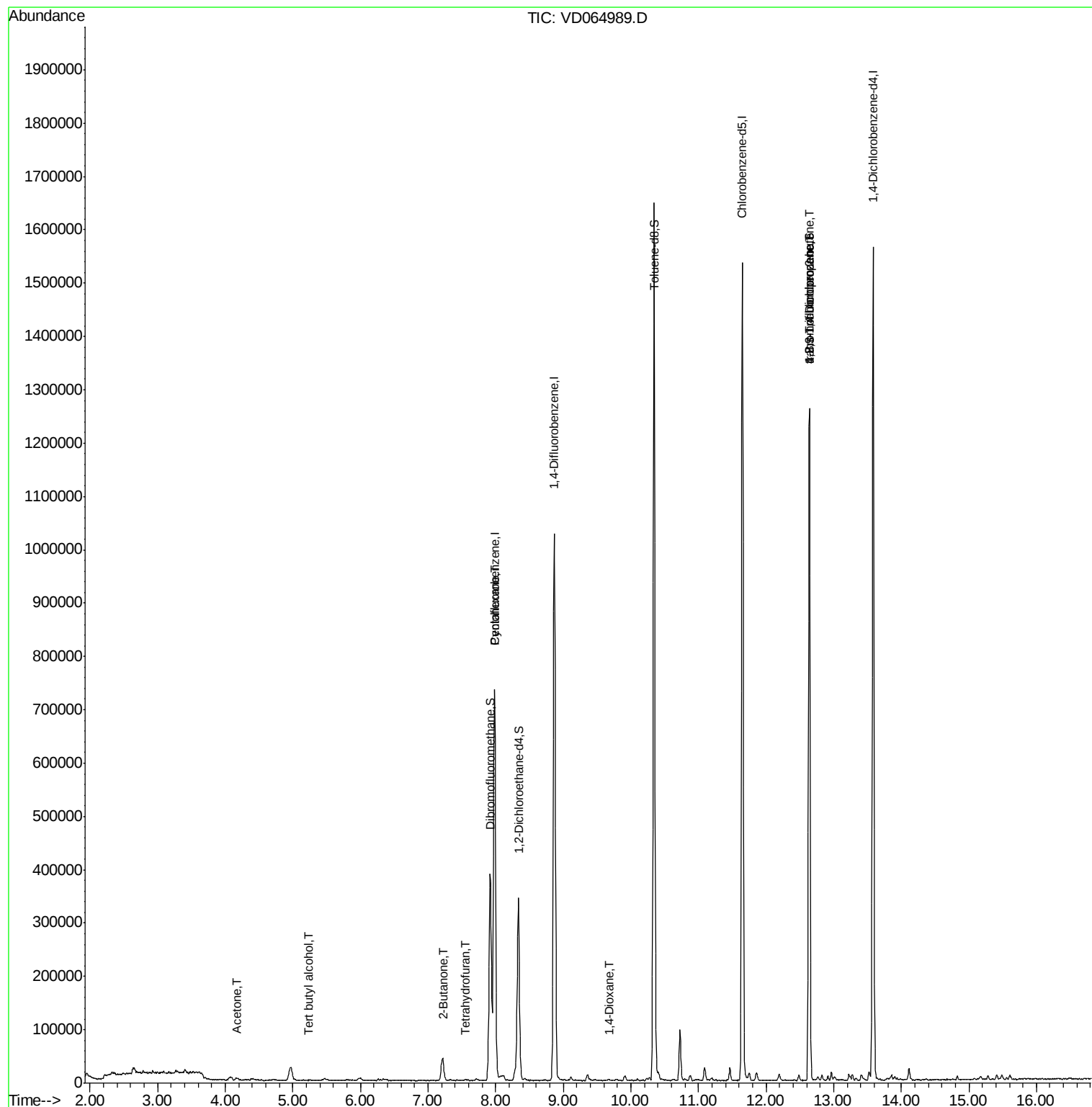
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	345	1.16	ug/l #	74
16) Acetone	4.17	43	6505	17.89	ug/l	97
20) Methylene Chloride	4.96	84	20202	Below Cal		93
25) 2-Butanone	7.23	43	3952	2.71	ug/l #	49
29) Tetrahydrofuran	7.56	42	1154	1.28	ug/l #	55
31) Cyclohexane	7.98	56	15903	1.69	ug/l #	37
49) 1,4-Dioxane	9.69	88	58	1.60	ug/l #	8
76) 1,2,3-Trichloropropane	12.64	75	191150	56.02	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	191150	119.61	ug/l #	9

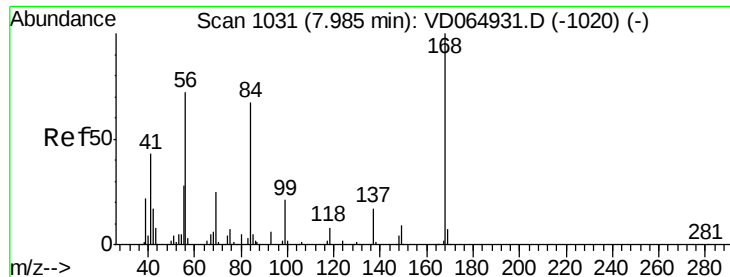
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBL01

Quant Time: Jan 29 15:35:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

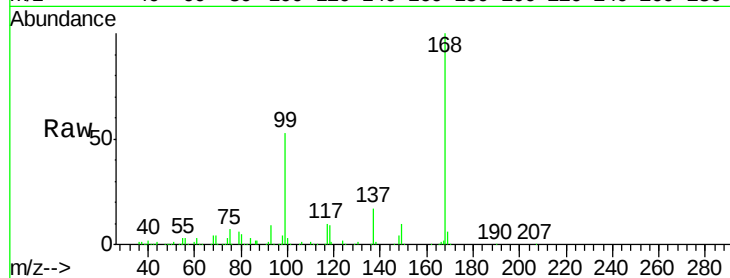
VD0129SBL01

Tgt Ion:168 Resp: 563133

Ion Ratio Lower Upper

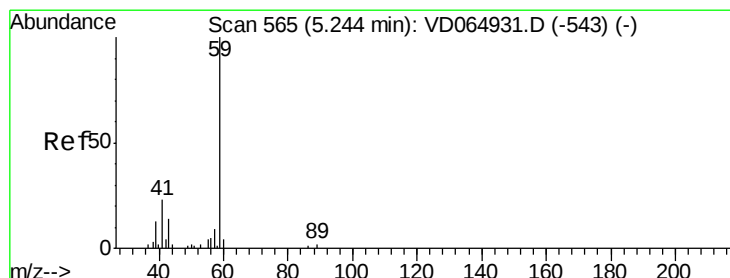
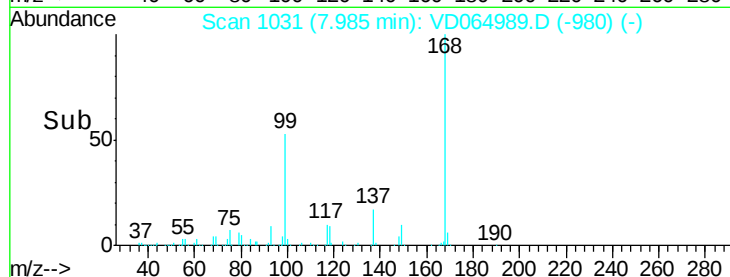
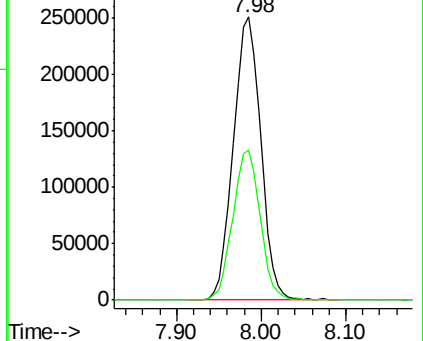
168 100

99 53.0 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 1.16 ug/l

RT: 5.23 min Scan# 563

Delta R.T. -0.01 min

Lab File: VD064989.D

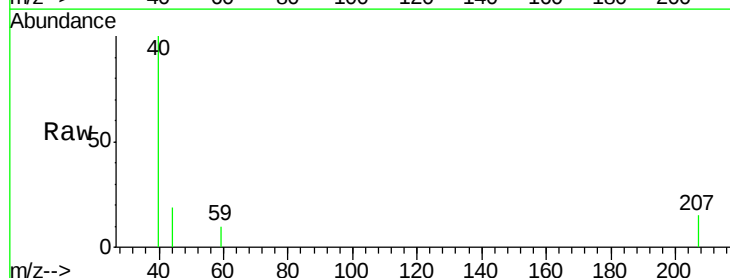
Acq: 29 Jan 2020 11:21

Tgt Ion: 59 Resp: 345

Ion Ratio Lower Upper

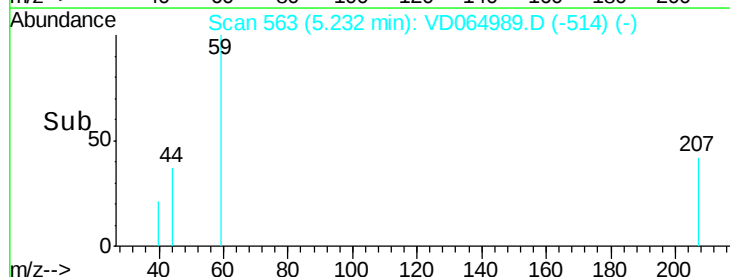
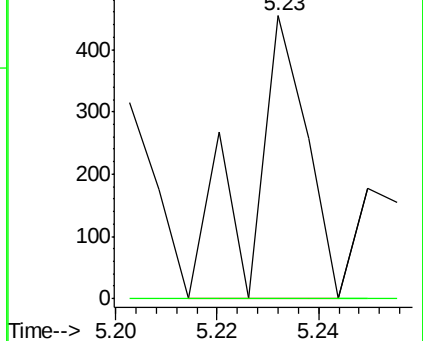
59 100

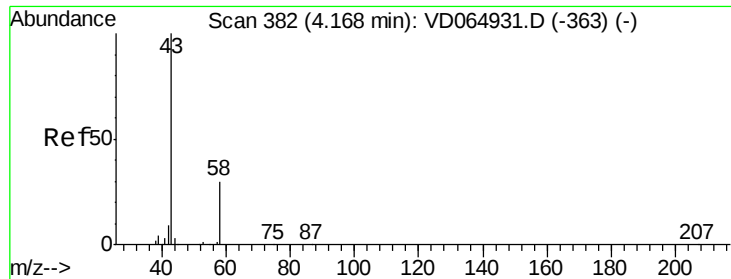
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 17.89 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

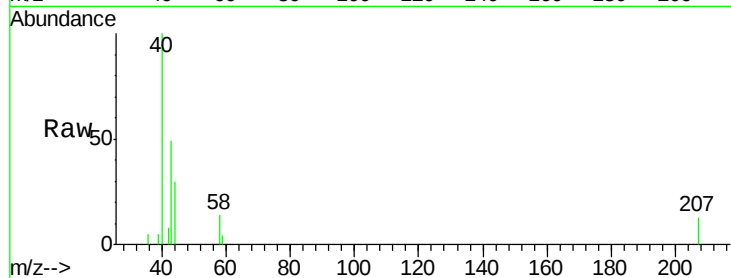
VD0129SBL01

Tgt Ion: 43 Resp: 6505

Ion Ratio Lower Upper

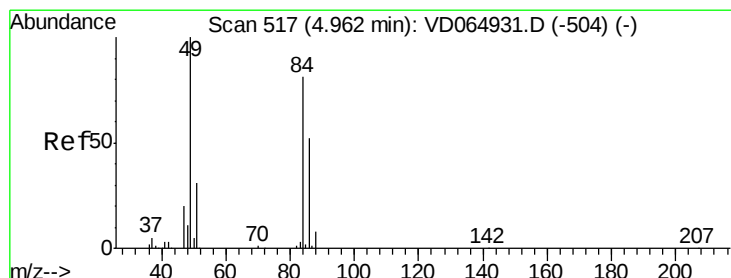
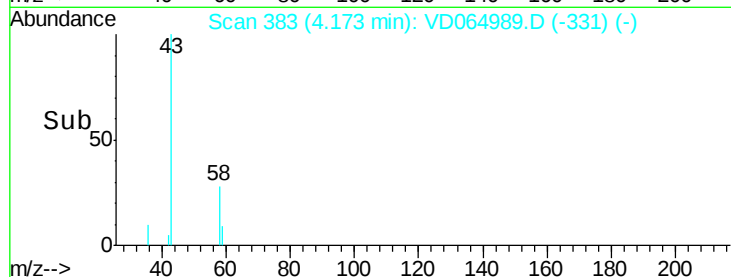
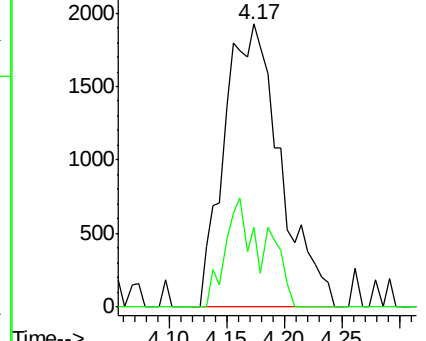
43 100

58 28.1 23.8 35.8



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# 517

Delta R.T. 0.00 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

Tgt Ion: 84 Resp: 20202

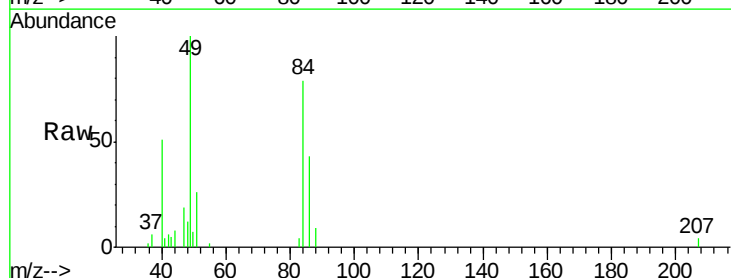
Ion Ratio Lower Upper

84 100

49 127.3 98.4 147.6

51 32.6 30.8 46.2

86 54.6 51.0 76.6

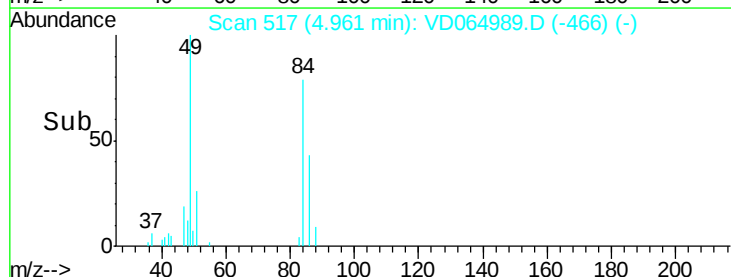
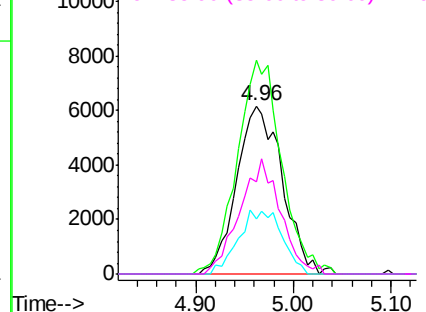


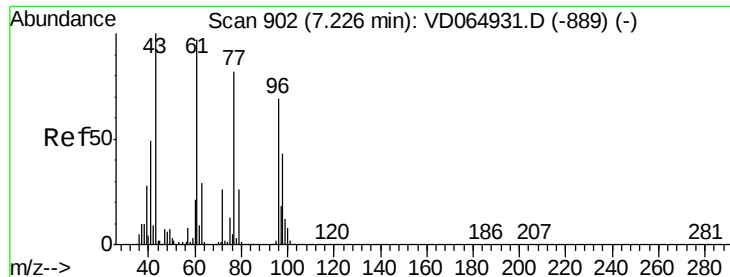
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

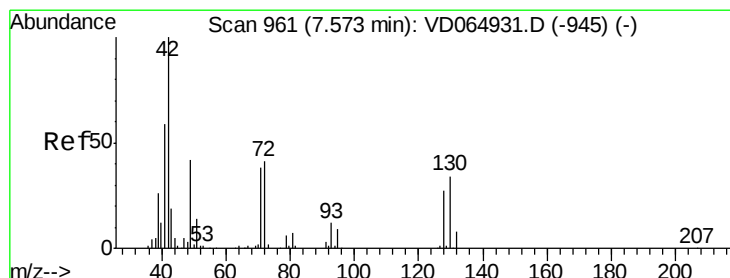
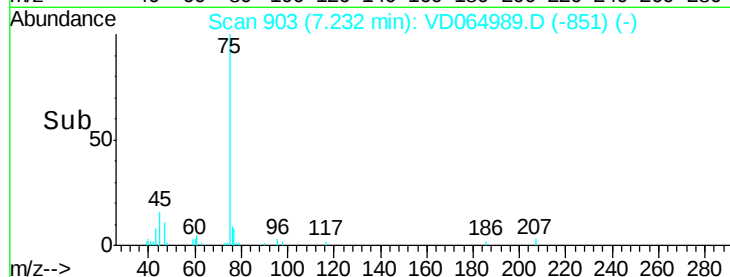
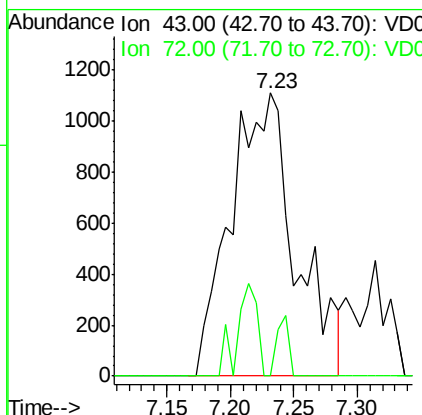
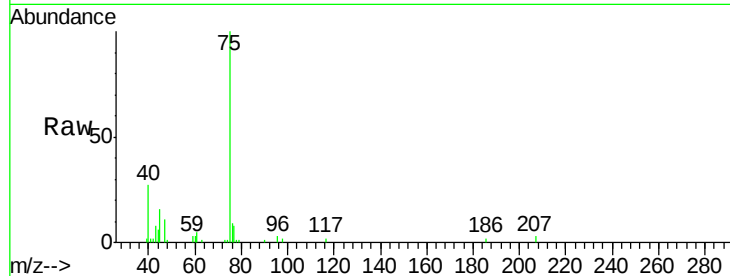




#25
2-Butanone
Concen: 2.71 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064989.D
Acq: 29 Jan 2020 11:21

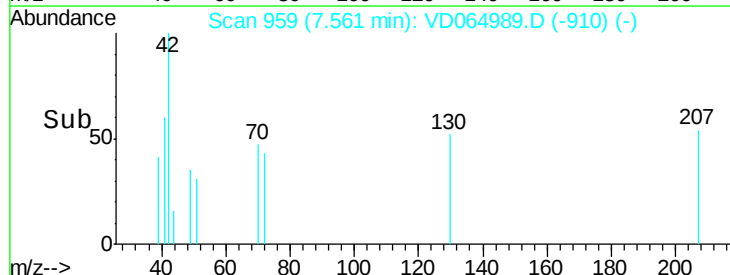
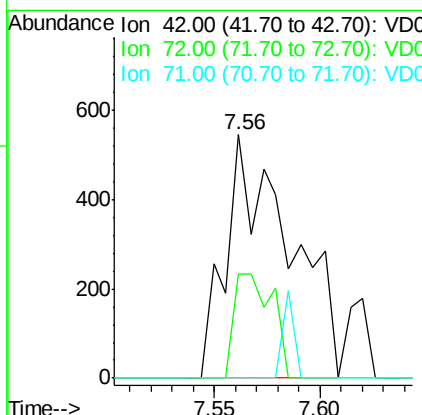
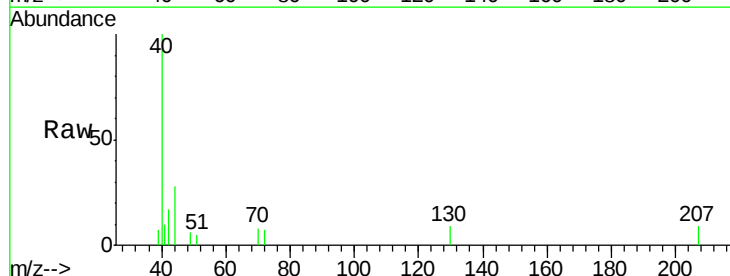
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBL01

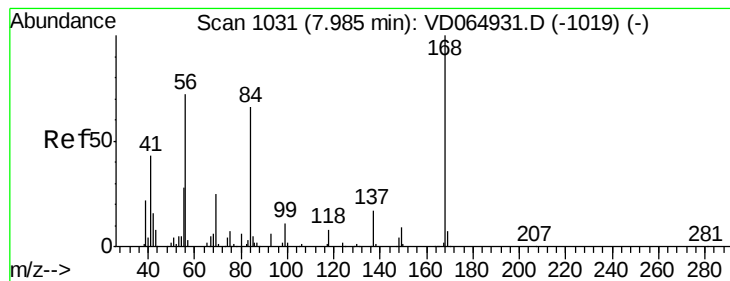
Tgt Ion: 43 Resp: 3952
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#29
Tetrahydrofuran
Concen: 1.28 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD064989.D
Acq: 29 Jan 2020 11:21

Tgt Ion: 42 Resp: 1154
Ion Ratio Lower Upper
42 100
72 25.3 34.0 51.0#
71 0.0 31.5 47.3#





#31

Cyclohexane

Concen: 1.69 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBL01

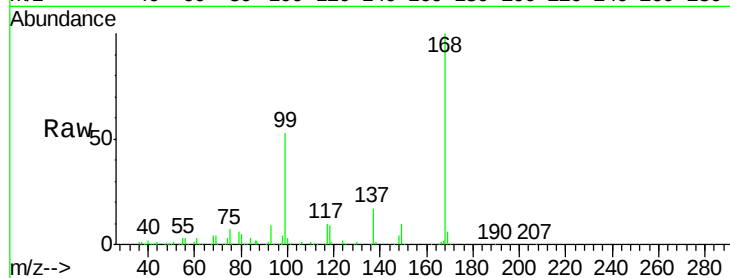
Tgt Ion: 56 Resp: 15903

Ion Ratio Lower Upper

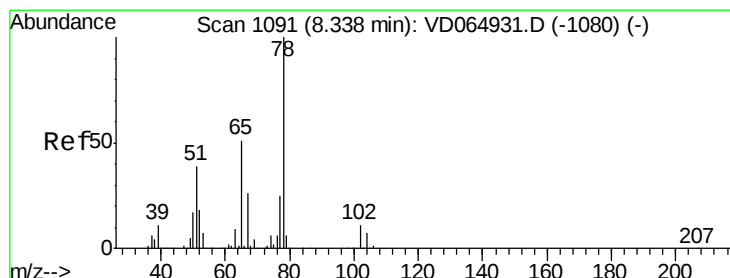
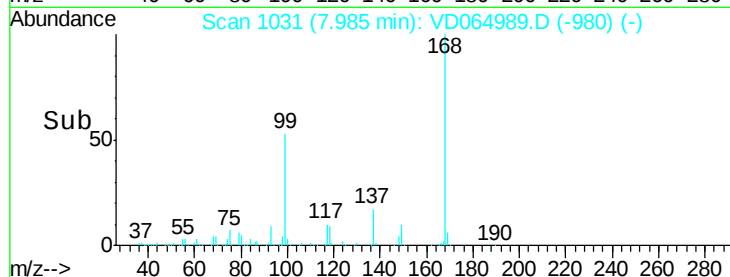
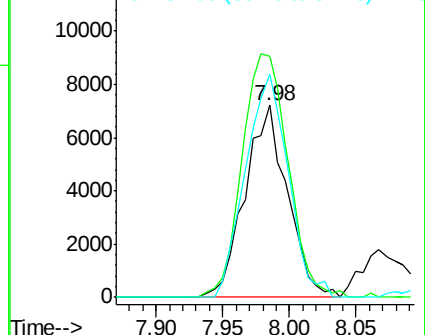
56 100

69 126.0 27.9 41.9#

84 116.2 72.8 109.2#



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: 49.89 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064989.D

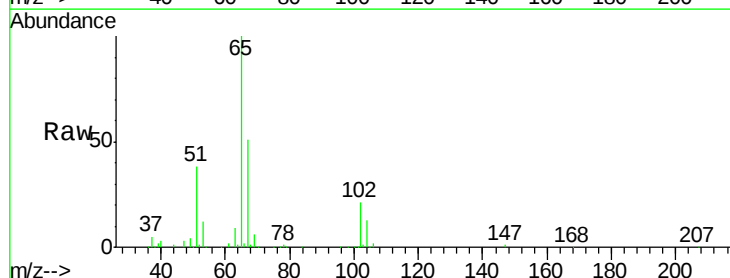
Acq: 29 Jan 2020 11:21

Tgt Ion: 65 Resp: 269485

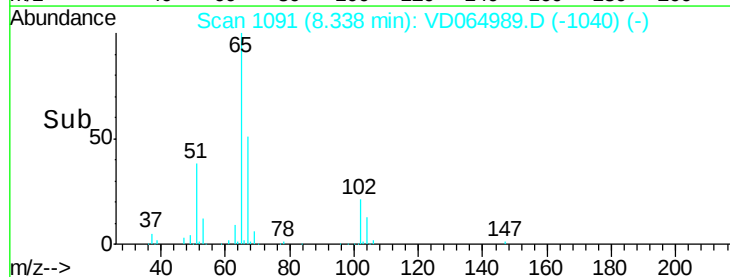
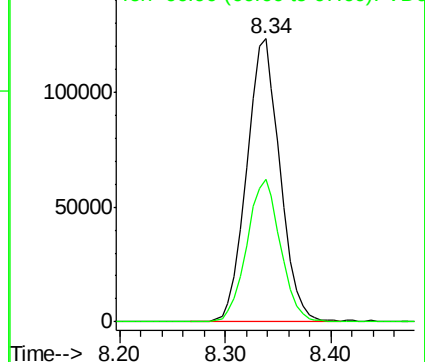
Ion Ratio Lower Upper

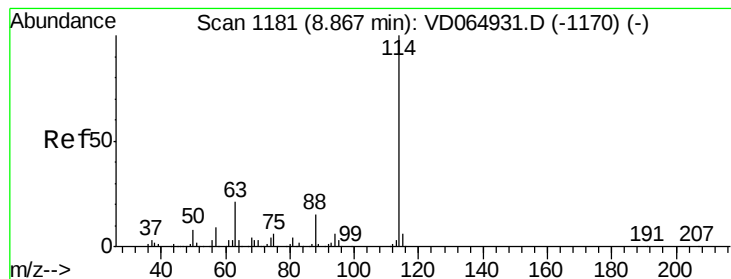
65 100

67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBL01

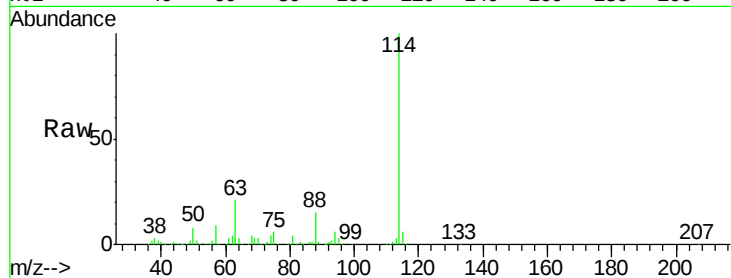
Tgt Ion:114 Resp: 888132

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

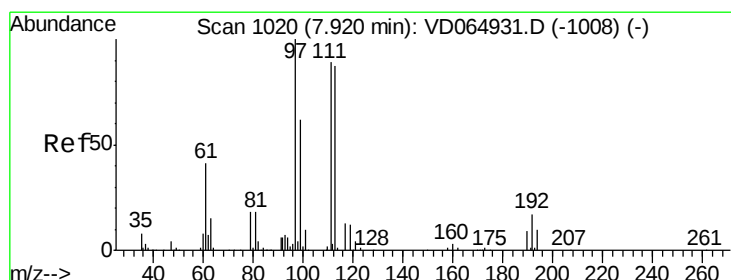
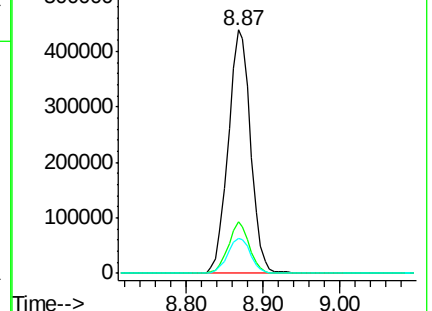
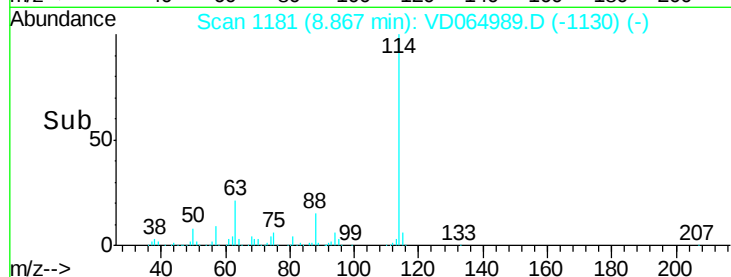
88 14.6 0.0 29.4



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



#35

Dibromofluoromethane

Concen: 48.41 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

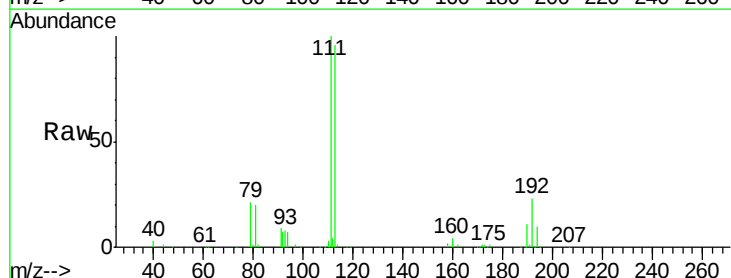
Tgt Ion:113 Resp: 270192

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

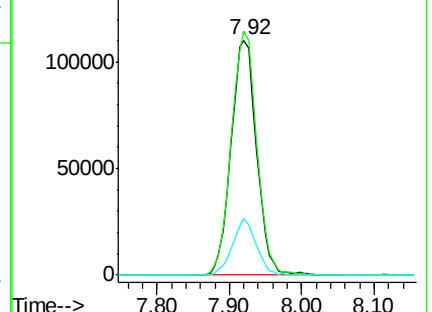
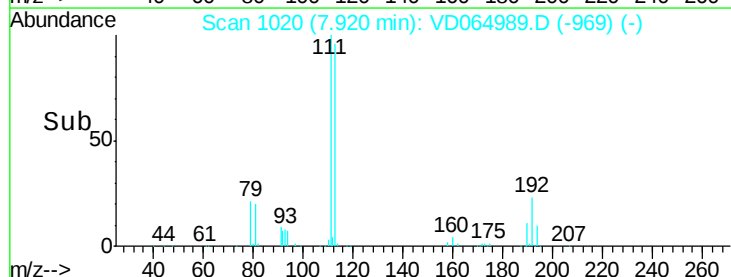
192 22.1 16.9 25.3

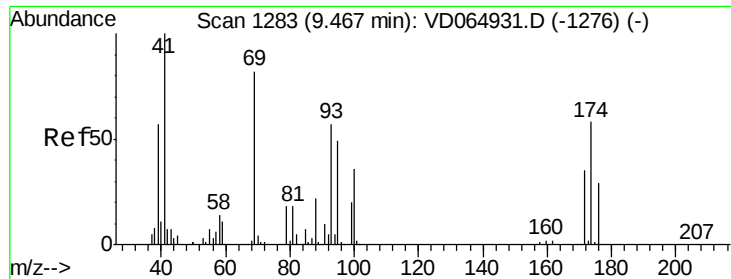


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

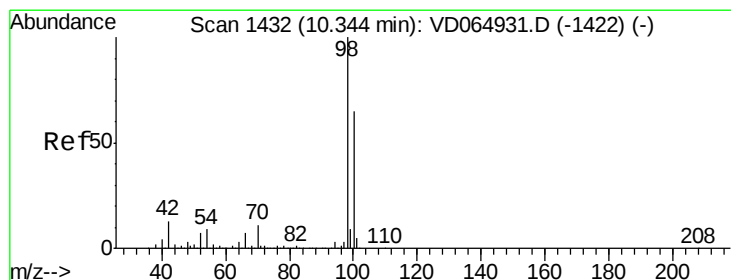
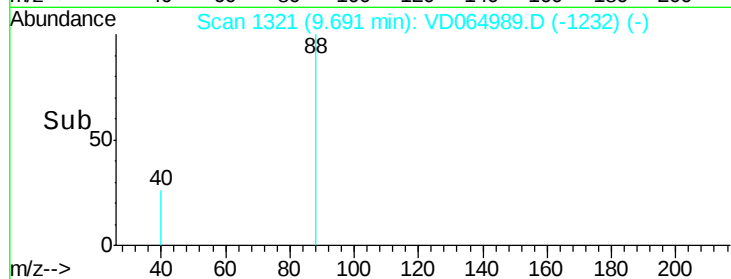
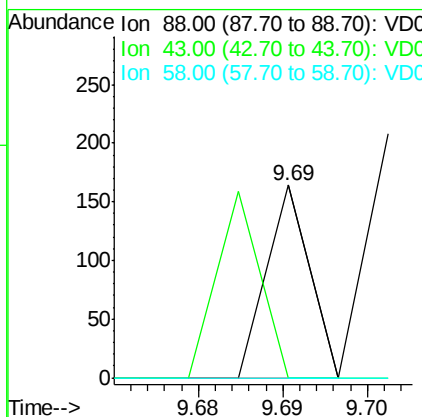
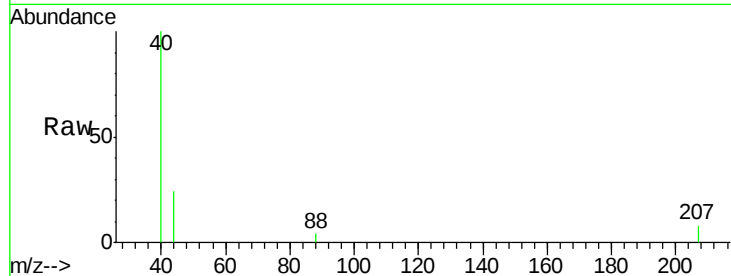




#49
1,4-Dioxane
Concen: 1.60 ug/l
RT: 9.69 min Scan# 1321
Delta R.T. 0.22 min
Lab File: VD064989.D
Acq: 29 Jan 2020 11:21

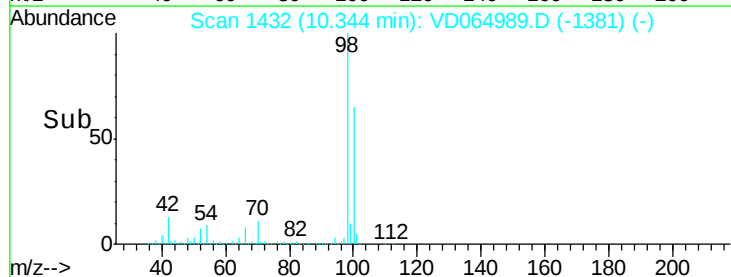
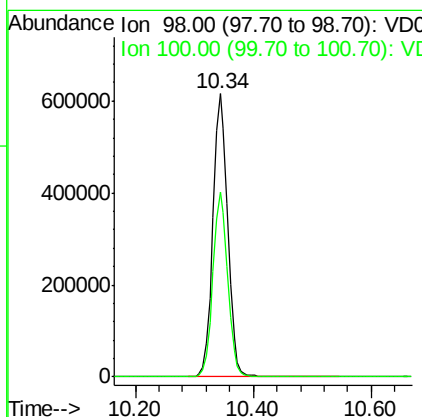
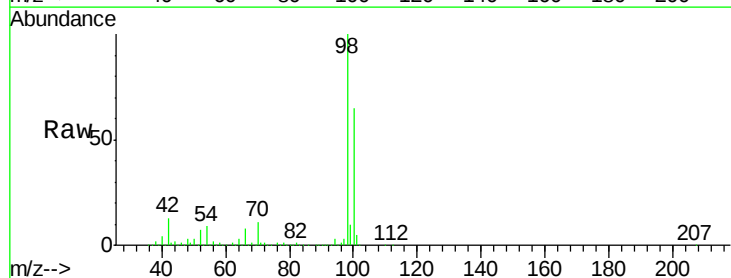
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBL01

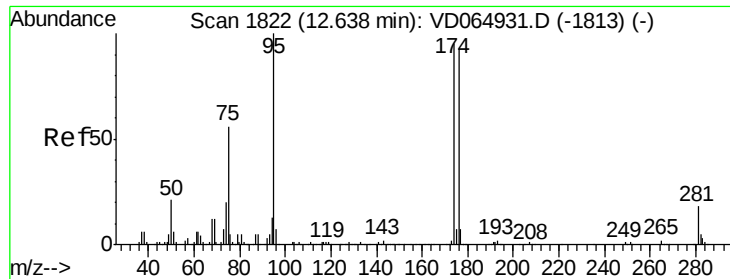
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 96.6 26.2 39.4#
58 0.0 50.3 75.5#



#50
Toluene-d8
Concen: 49.95 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064989.D
Acq: 29 Jan 2020 11:21

Tgt Ion: 98 Resp: 1075883
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

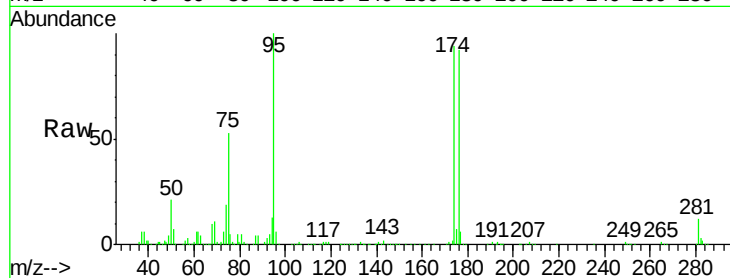




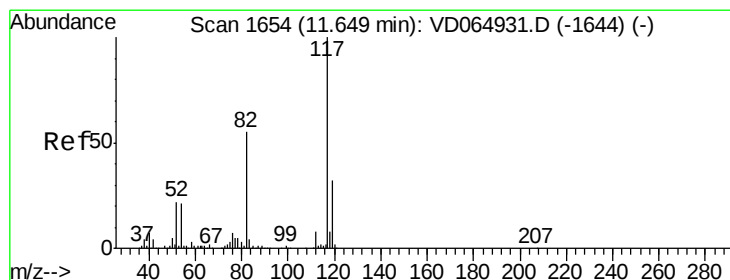
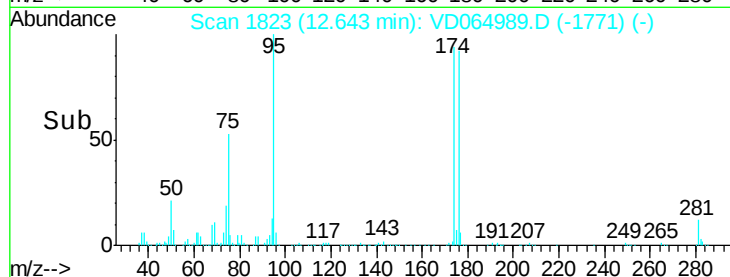
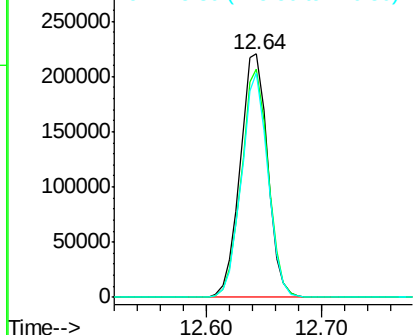
#62
4-Bromofluorobenzene
Concen: 55.26 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064989.D
Acq: 29 Jan 2020 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBL01

Tgt Ion: 95 Resp: 364247
Ion Ratio Lower Upper
95 100
174 91.7 0.0 186.8
176 88.2 0.0 183.4

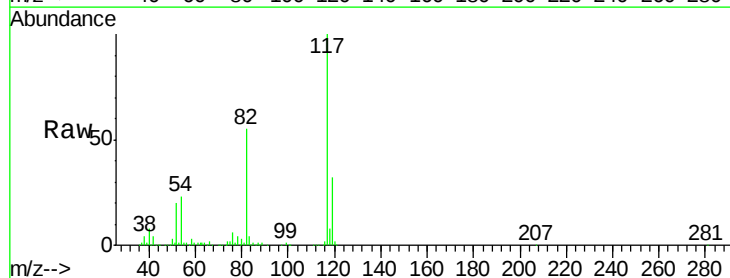


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

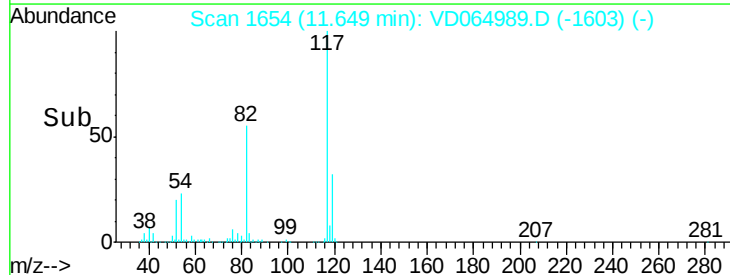
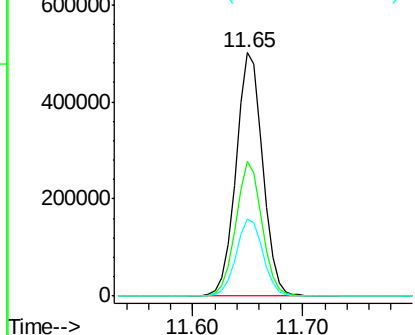


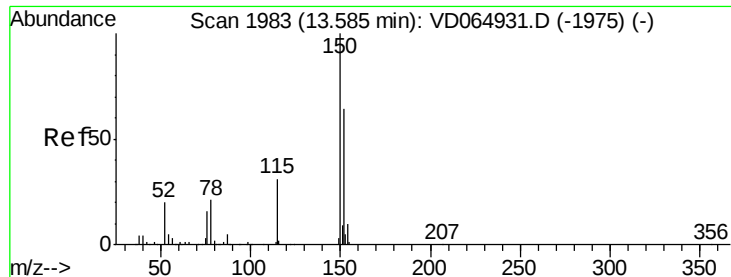
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064989.D
Acq: 29 Jan 2020 11:21

Tgt Ion: 117 Resp: 851486
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 31.5 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBL01

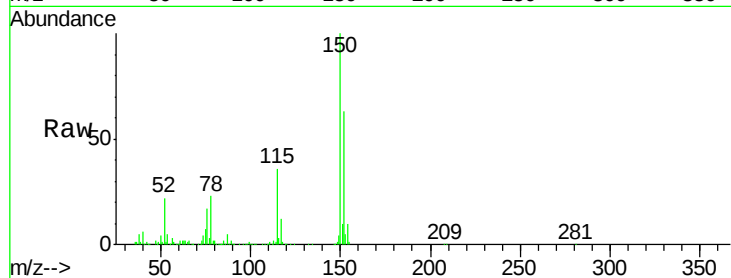
Tgt Ion:152 Resp: 411109

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.4

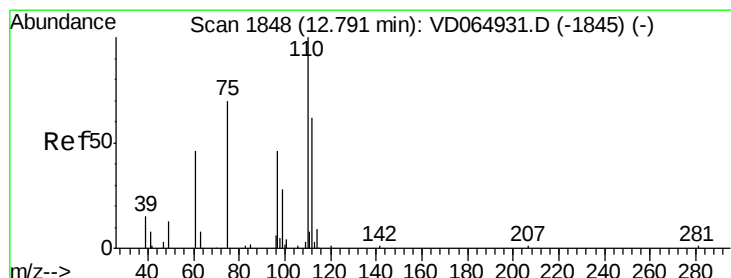
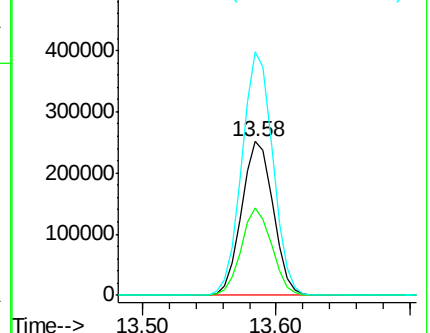
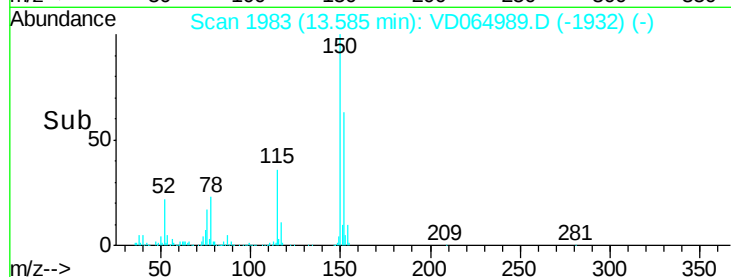
150 155.7 0.0 350.4



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: 56.02 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD064989.D

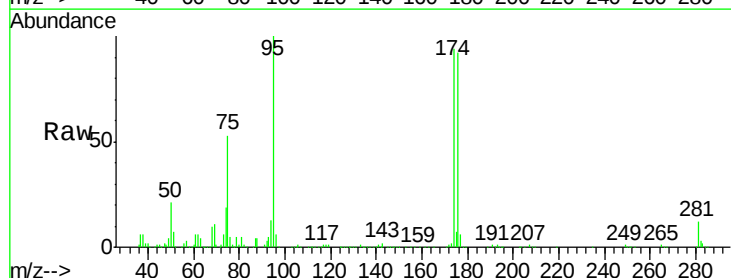
Acq: 29 Jan 2020 11:21

Tgt Ion: 75 Resp: 191150

Ion Ratio Lower Upper

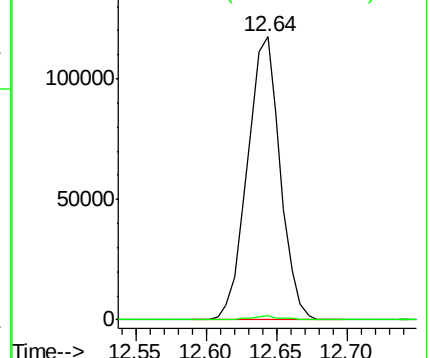
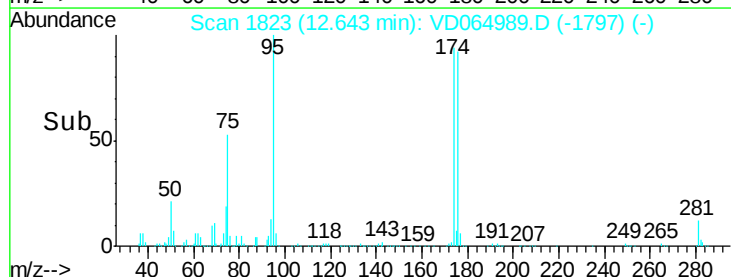
75 100

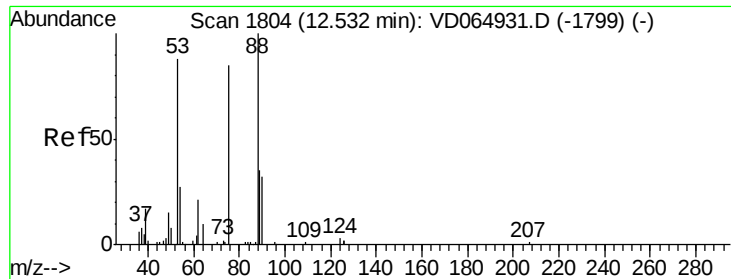
77 1.3 0.0 0.0#



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: 119.61 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD064989.D

Acq: 29 Jan 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBL01

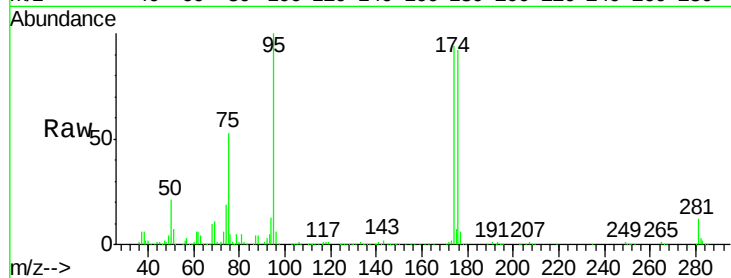
Tgt Ion: 75 Resp: 191150

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.4#

89 0.0 36.2 54.4#



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

