

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
 Data File : VD065025.D
 Acq On : 31 Jan 2020 10:58
 Operator : VA/SY
 Sample : VD0131SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

Quant Time: Jan 31 12:59:23 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	541726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	851729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	839210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395909	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	260999	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	7.92	113	266452	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.34	98	1030317	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.64	95	349912	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	

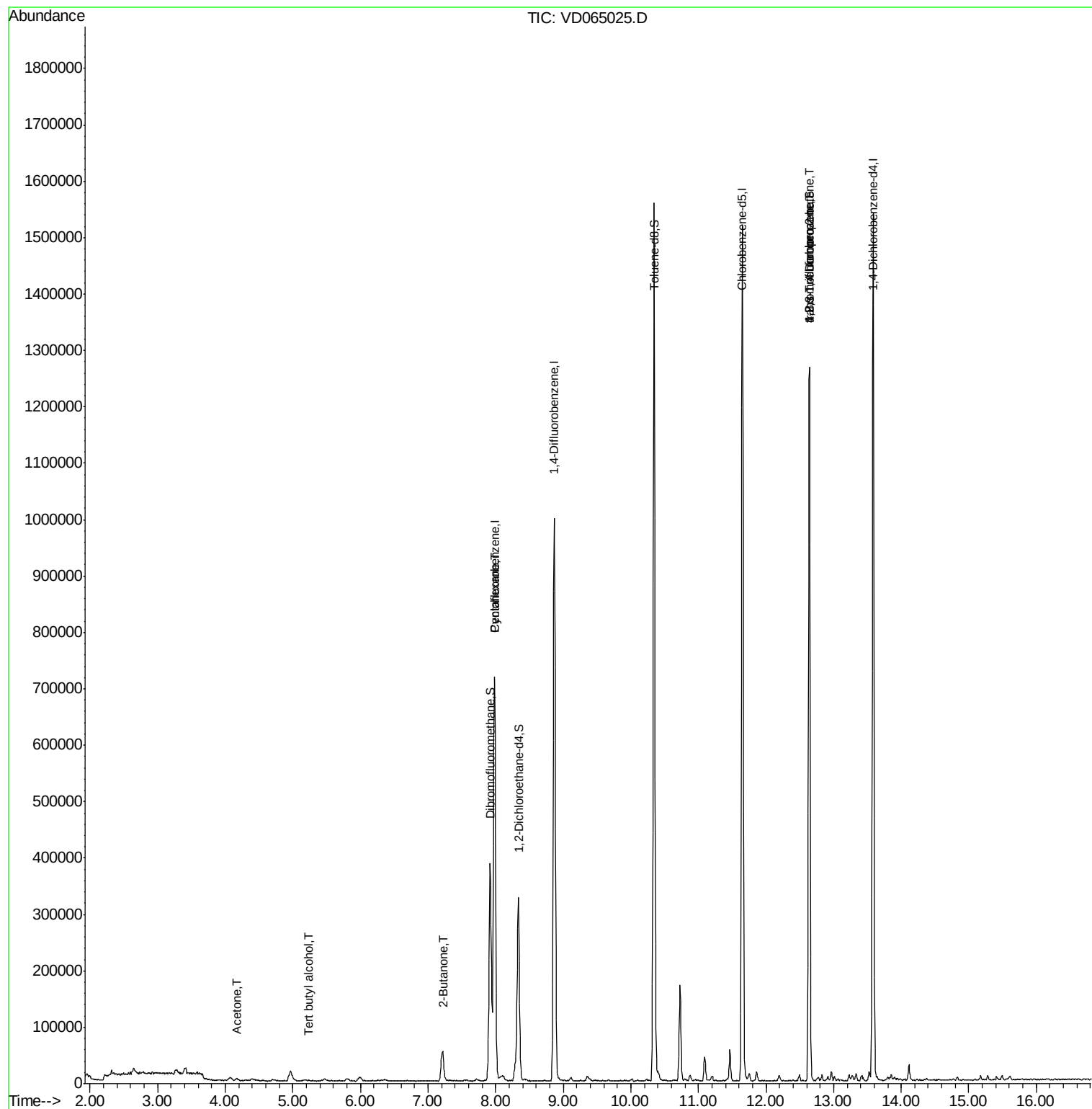
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	374	1.30	ug/l #	74
16) Acetone	4.17	43	5781	17.58	ug/l	97
20) Methylene Chloride	4.96	84	12548	Below Cal		86
25) 2-Butanone	7.22	43	4229	3.01	ug/l #	49
31) Cyclohexane	7.98	56	14816	1.64	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	189397	57.64	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	189397	123.07	ug/l #	9

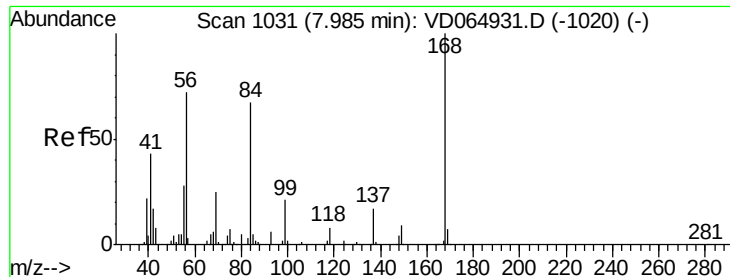
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
Data File : VD065025.D
Acq On : 31 Jan 2020 10:58
Operator : VA/SY
Sample : VD0131SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

Quant Time: Jan 31 12:59:23 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: VD065025.D

Acq: 31 Jan 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

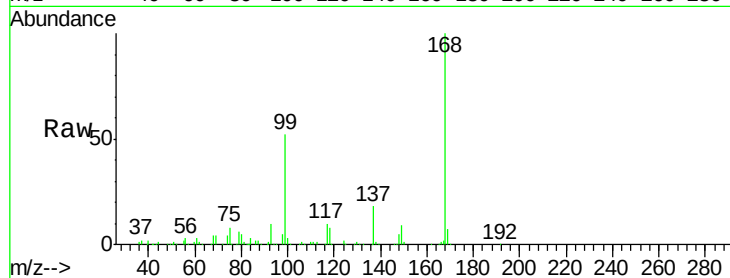
VD0131SBL01

Tgt Ion:168 Resp: 541726

Ion Ratio Lower Upper

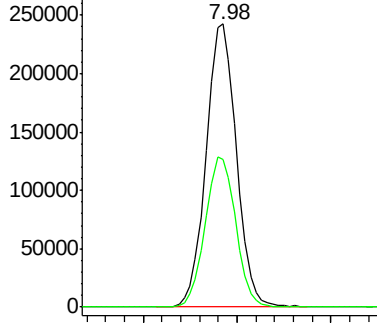
168 100

99 52.2 43.3 64.9

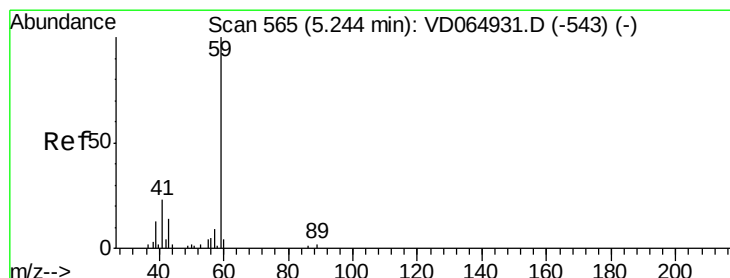
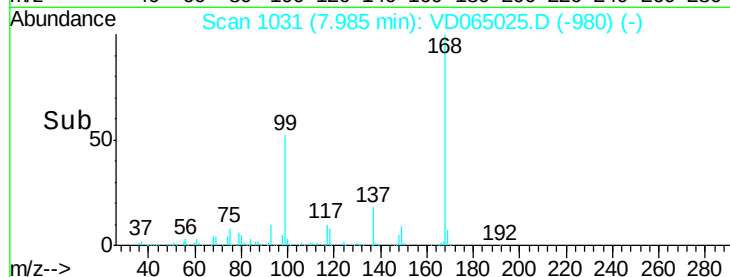


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#11

Tert butyl alcohol

Concen: 1.30 ug/l

RT: 5.23 min Scan# 563

Delta R.T. -0.01 min

Lab File: VD065025.D

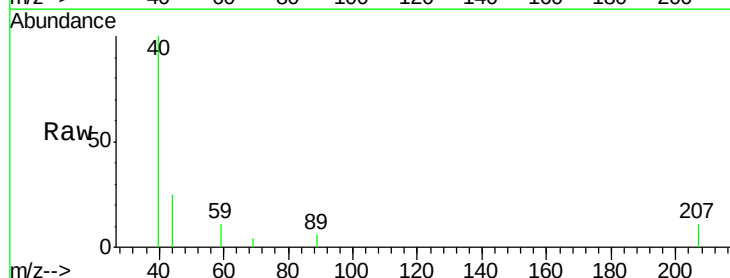
Acq: 31 Jan 2020 10:58

Tgt Ion: 59 Resp: 374

Ion Ratio Lower Upper

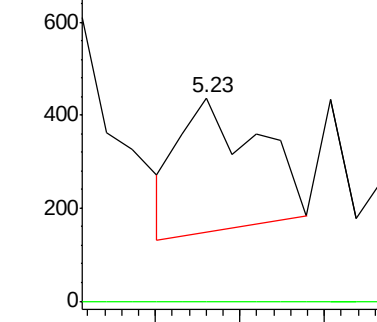
59 100

57 0.0 7.7 11.5#

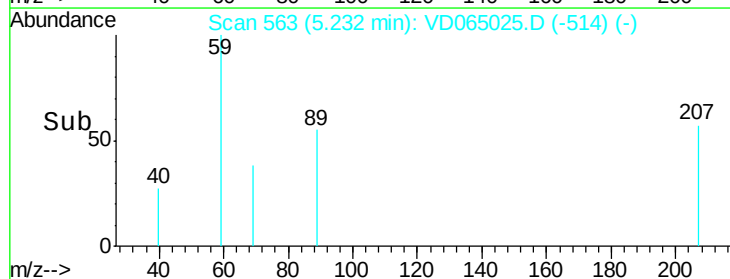


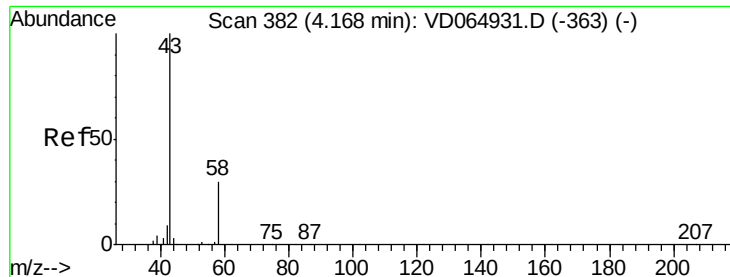
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->





#16

Acetone

Concen: 17.58 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065025.D

Acq: 31 Jan 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

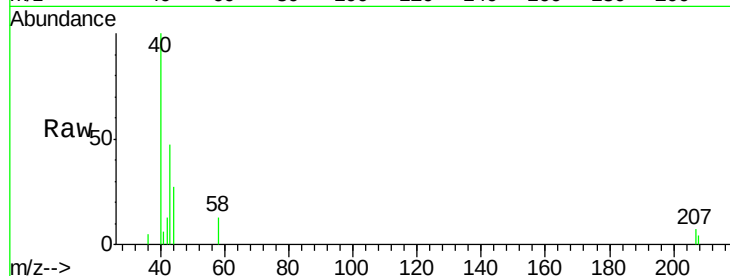
VD0131SBL01

Tgt Ion: 43 Resp: 5781

Ion Ratio Lower Upper

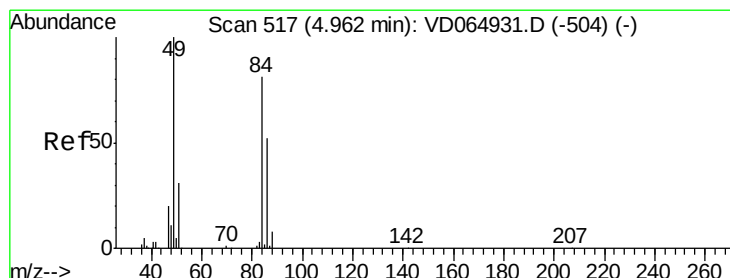
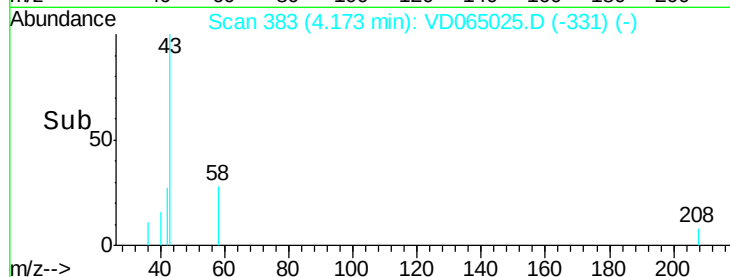
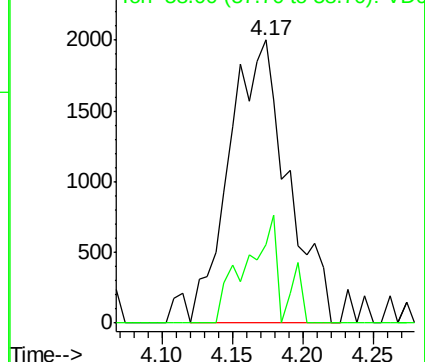
43 100

58 28.0 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: VD065025.D

Acq: 31 Jan 2020 10:58

Tgt Ion: 84 Resp: 12548

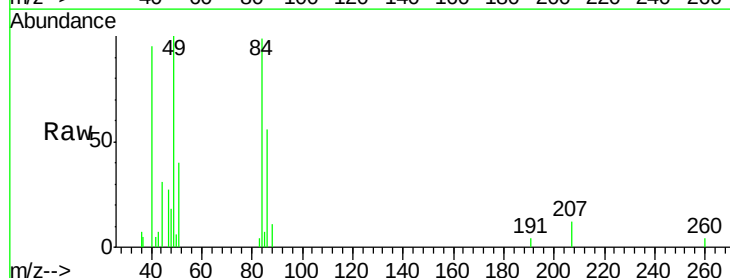
Ion Ratio Lower Upper

84 100

49 100.8 98.4 147.6

51 40.7 30.8 46.2

86 56.9 51.0 76.6

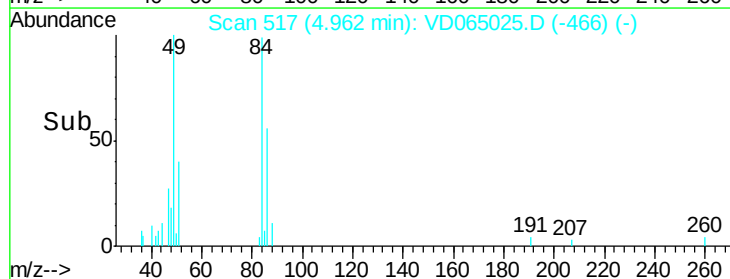
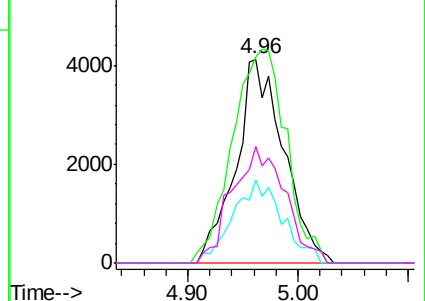


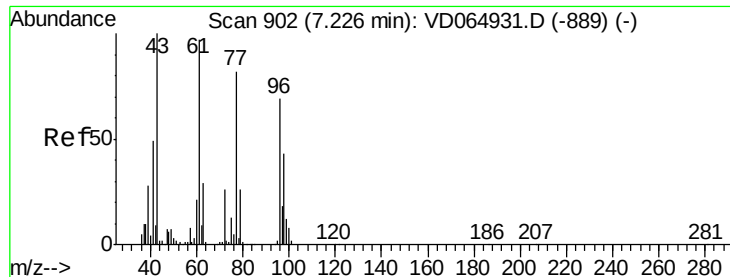
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 3.01 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065025.D

Acq: 31 Jan 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

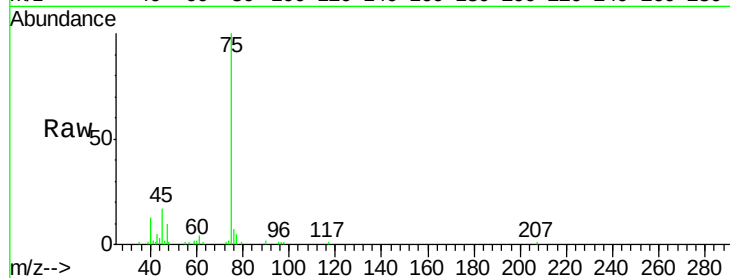
VD0131SBL01

Tgt Ion: 43 Resp: 4229

Ion Ratio Lower Upper

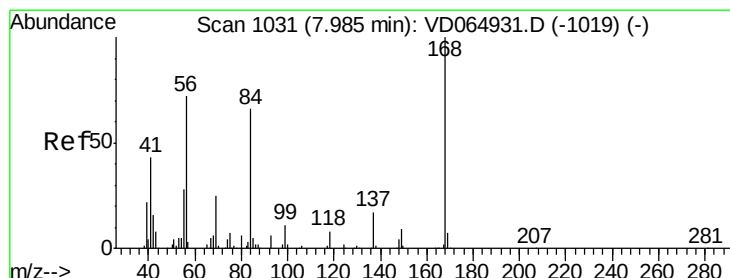
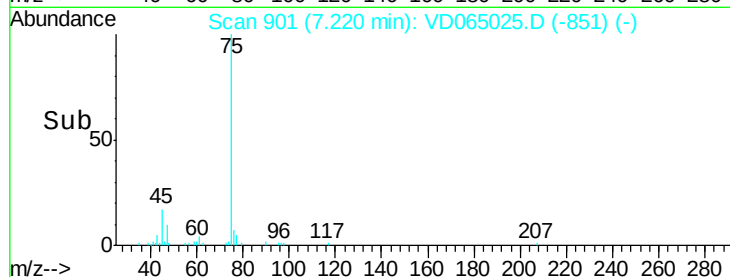
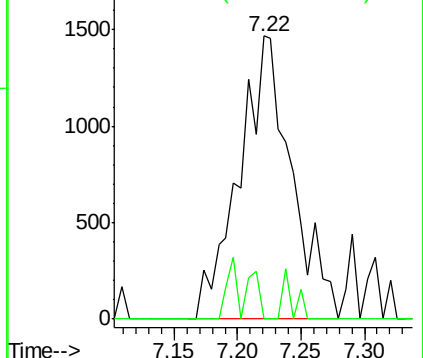
43 100

72 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.64 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065025.D

Acq: 31 Jan 2020 10:58

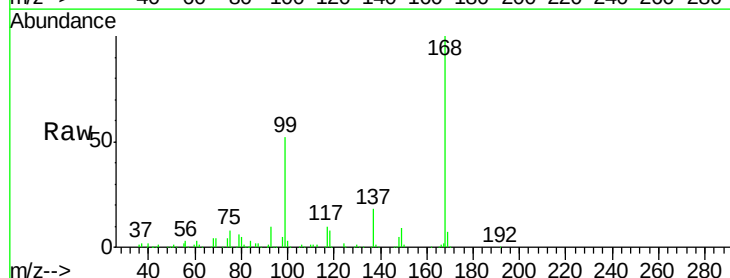
Tgt Ion: 56 Resp: 14816

Ion Ratio Lower Upper

56 100

69 145.8 27.9 41.9#

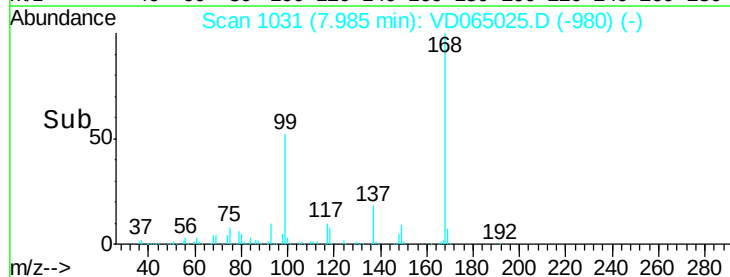
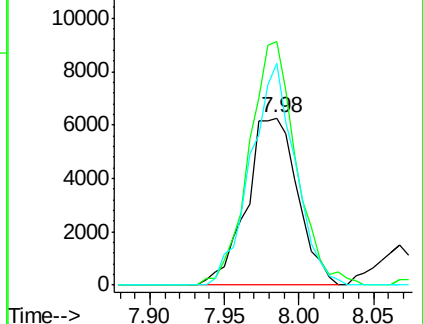
84 132.7 72.8 109.2#

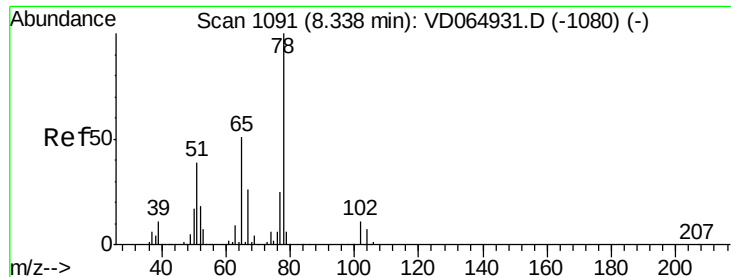


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 50.23 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065025.D

Acq: 31 Jan 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

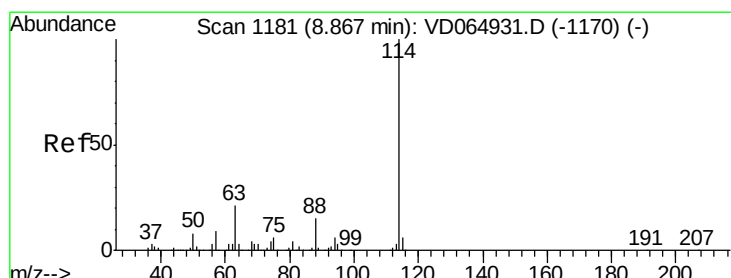
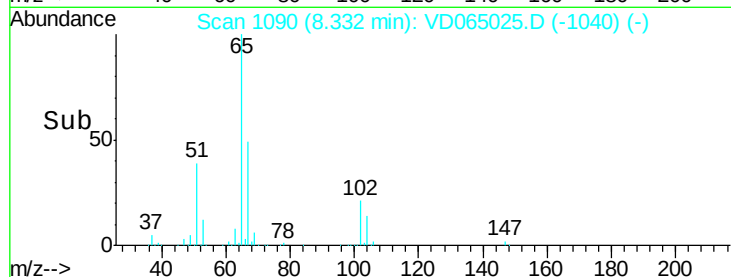
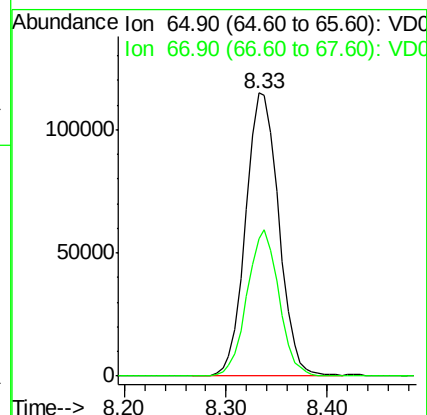
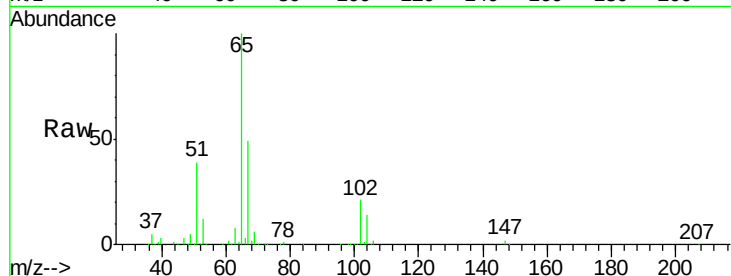
VD0131SBL01

Tgt Ion: 65 Resp: 260999

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065025.D

Acq: 31 Jan 2020 10:58

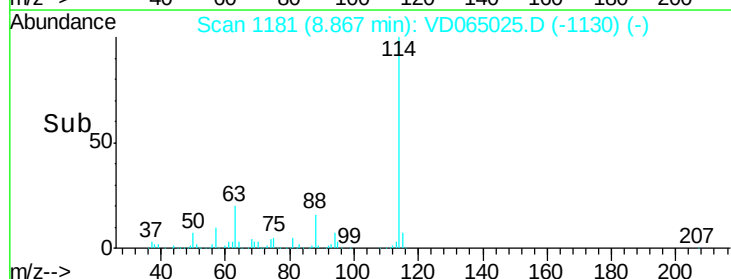
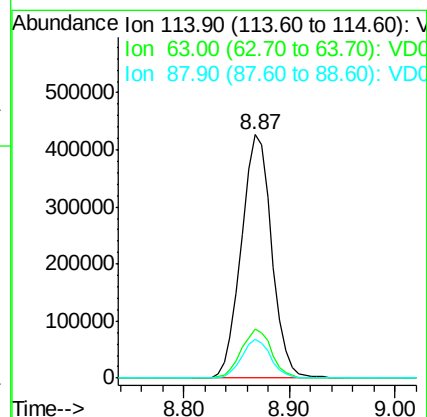
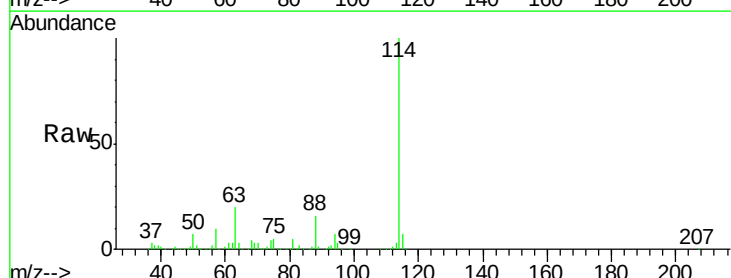
Tgt Ion: 114 Resp: 851729

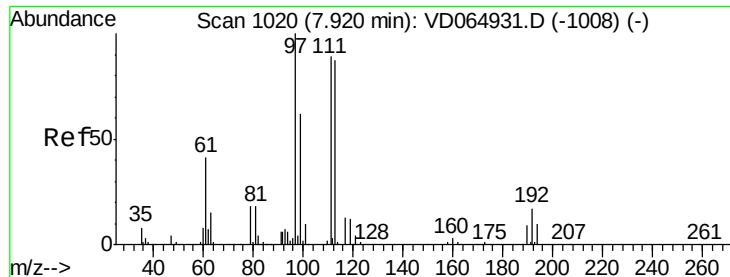
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

88 16.0 0.0 29.4

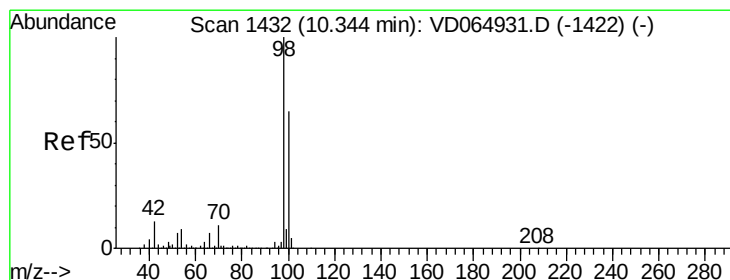
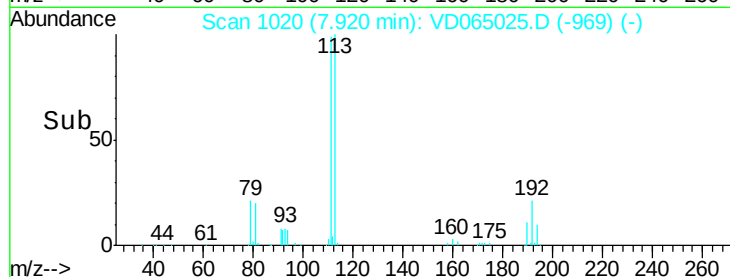
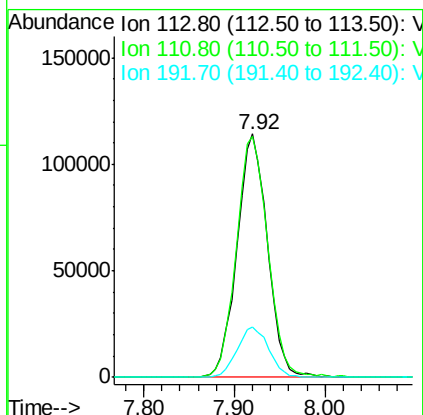
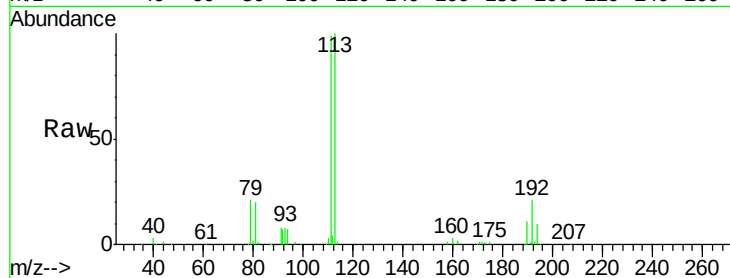




#35
 Dibromofluoromethane
 Concen: 49.78 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065025.D
 Acq: 31 Jan 2020 10:58

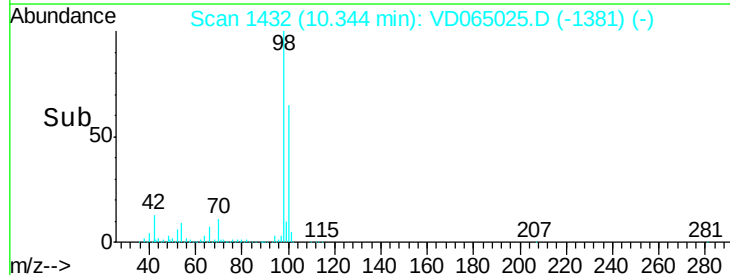
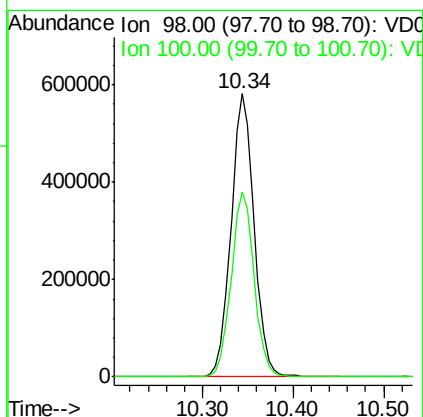
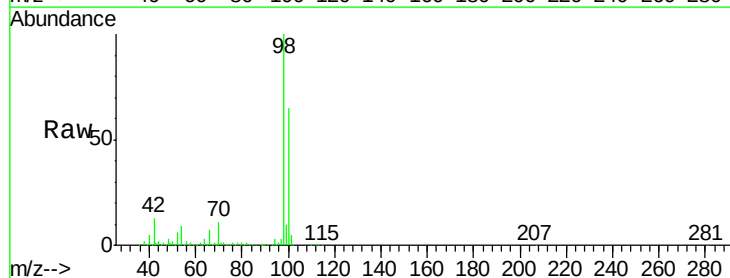
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

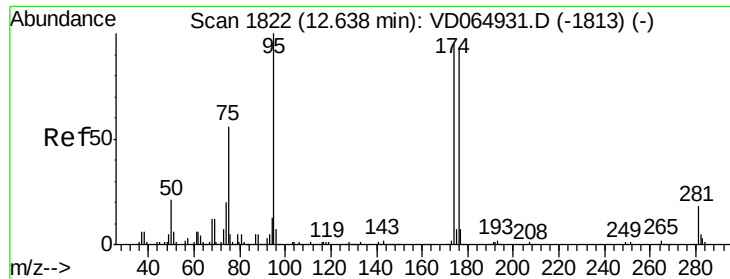
Tgt Ion:113 Resp: 266452
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 21.4 16.9 25.3



#50
 Toluene-d8
 Concen: 49.87 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065025.D
 Acq: 31 Jan 2020 10:58

Tgt Ion: 98 Resp: 1030317
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.3 78.5

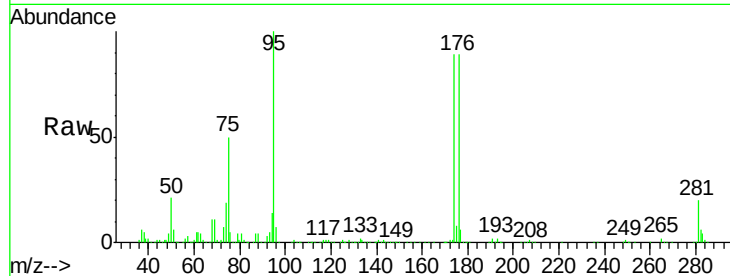




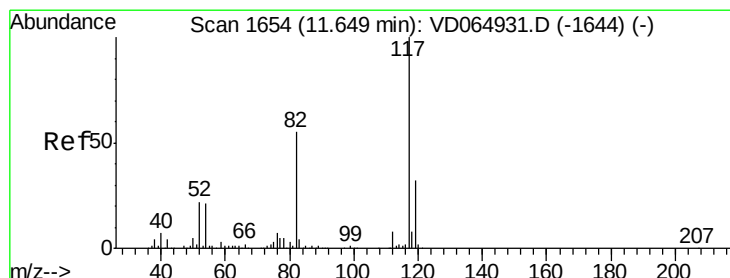
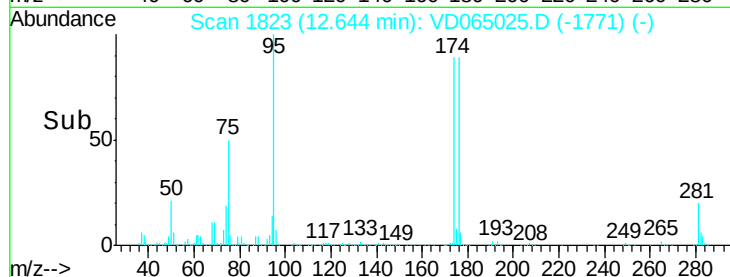
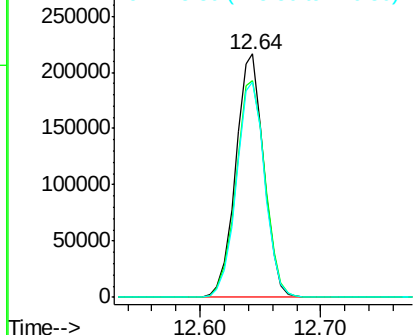
#62
4-Bromofluorobenzene
Concen: 55.35 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065025.D
Acq: 31 Jan 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

Tgt Ion: 95 Resp: 349912
Ion Ratio Lower Upper
95 100
174 92.5 0.0 186.8
176 89.4 0.0 183.4

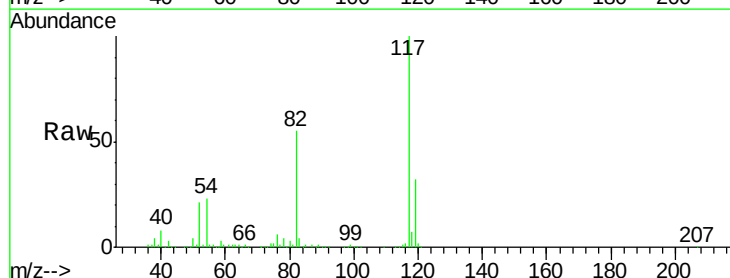


Abundance Ion 94.90 (94.60 to 95.60): VD
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

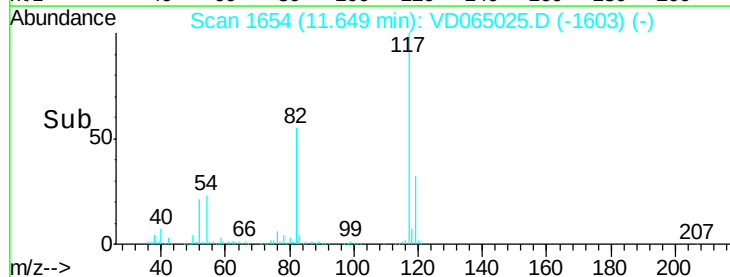
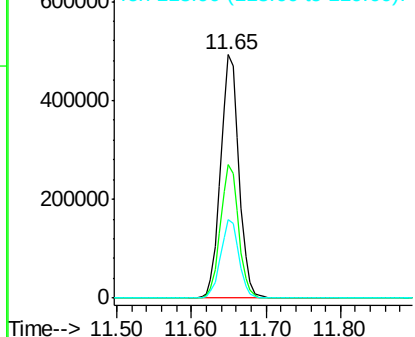


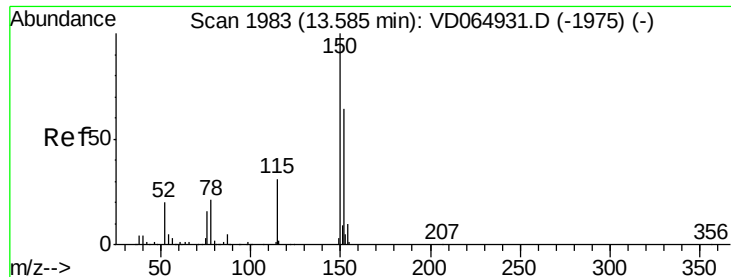
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065025.D
Acq: 31 Jan 2020 10:58

Tgt Ion: 117 Resp: 839210
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 32.1 25.2 37.8



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

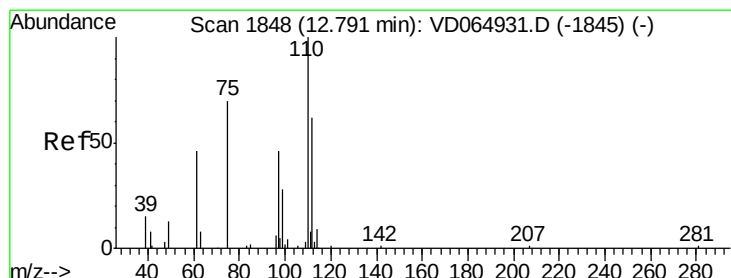
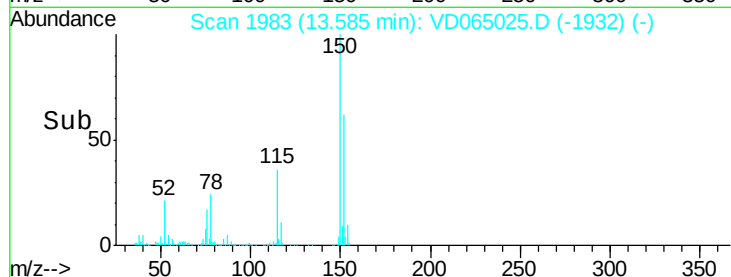
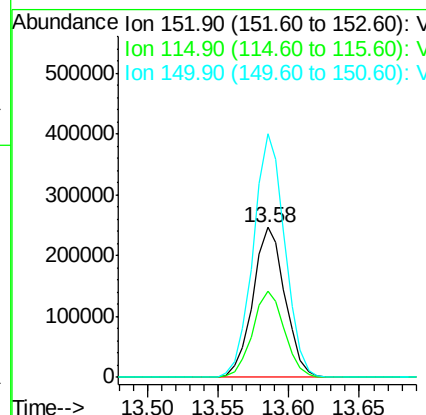
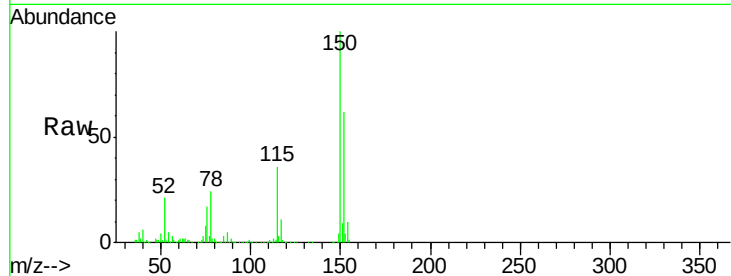




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VD065025.D
 Acq: 31 Jan 2020 10:58

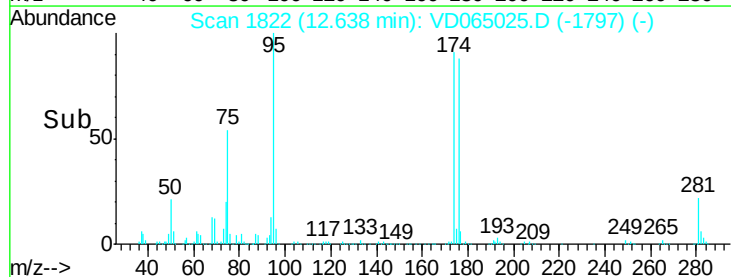
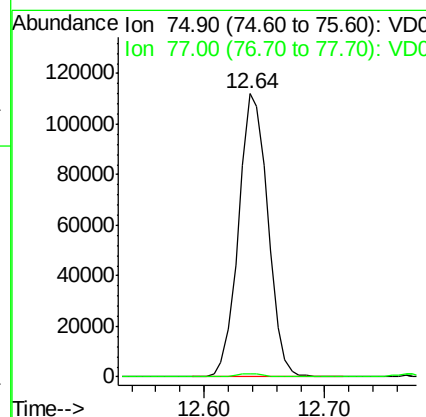
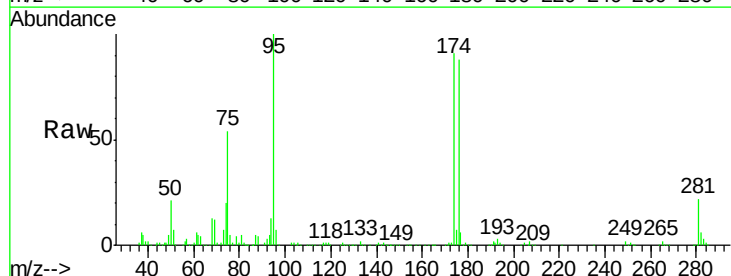
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

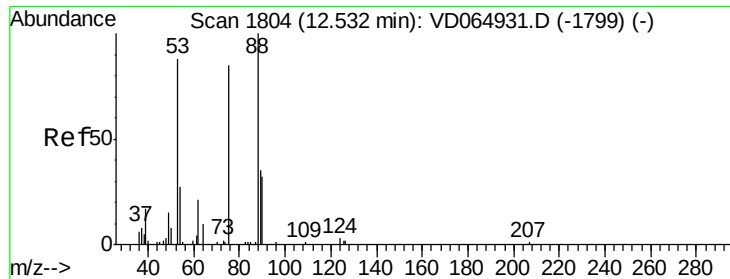
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.1	84.4
150	159.4	0.0	350.4



#76
 1,2,3-Trichloropropane
 Concen: 57.64 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065025.D
 Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 123.07 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065025.D

Acq: 31 Jan 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBL01

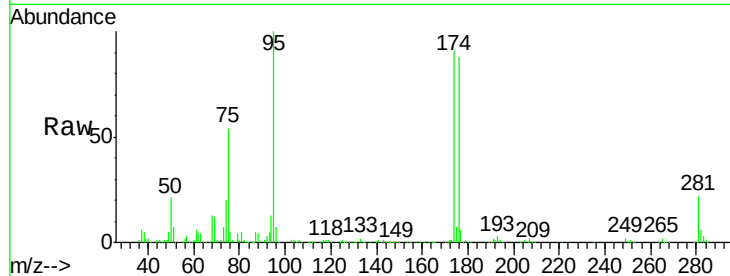
Tgt Ion: 75 Resp: 189397

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.2 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

