

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066016.D
 Acq On : 23 Jul 2020 11:21
 Operator : VA/SY
 Sample : VD0723SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBL01

Quant Time: Jul 24 02:58:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	317725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	543930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	579232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	302421	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	144630	55.94	ug/l	0.00
Spiked Amount			Recovery	=	111.88%	
35) Dibromofluoromethane	7.91	113	165233	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.34	98	656608	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.64	95	265196	62.23	ug/l	0.00
Spiked Amount			Recovery	=	124.46%	

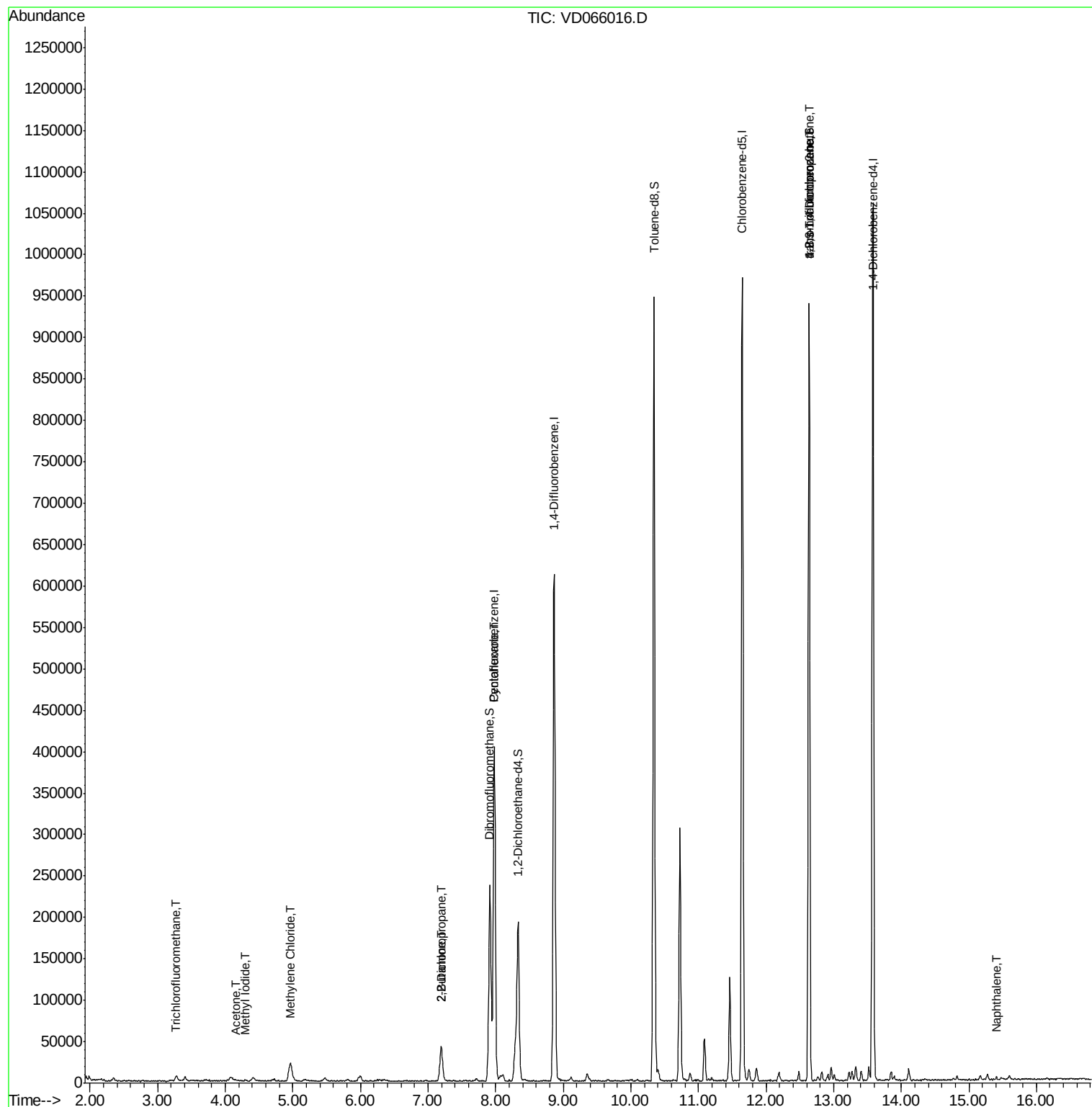
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	1004	Below Cal	#	55
7) Trichlorofluoromethane	3.27	101	5241	1.150	ug/l	99
10) Methyl Iodide	4.29	142	1761	9.334	ug/l #	80
11) Tert butyl alcohol	5.23	59	433	Below Cal	#	83
16) Acetone	4.16	43	2520	4.816	ug/l	90
20) Methylene Chloride	4.97	84	17095	3.128	ug/l	93
25) 2-Butanone	7.20	43	3017	4.345	ug/l	98
26) 2,2-Dichloropropane	7.19	77	5023	1.182	ug/l #	58
31) Cyclohexane	7.98	56	9006	1.937	ug/l #	52
76) 1,2,3-Trichloropropane	12.64	75	130110	57.139	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	130110	131.114	ug/l #	11
95) Naphthalene	15.41	128	3505	3.886	ug/l #	87

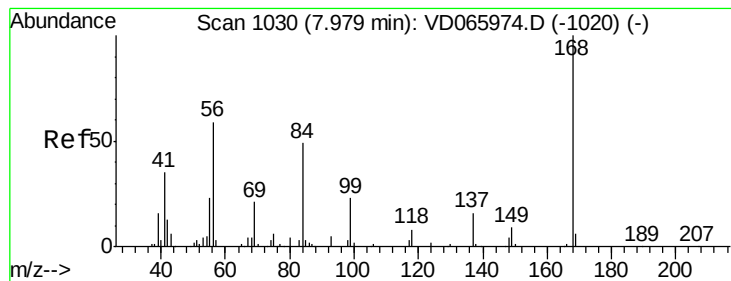
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066016.D
Acq On : 23 Jul 2020 11:21
Operator : VA/SY
Sample : VD0723SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

Quant Time: Jul 24 02:58:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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: VD066016.D

Acq: 23 Jul 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

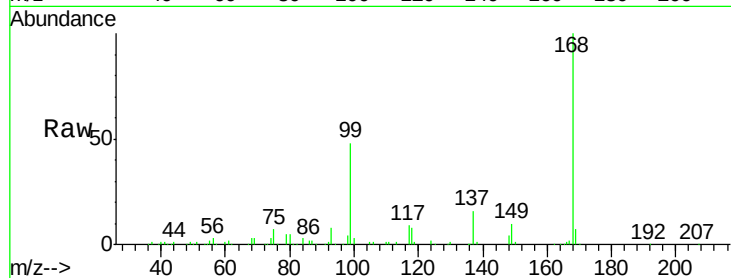
VD0723SBL01

Tot Ion:168 Resp: 317725

Ion Ratio Lower Upper

168 100

99 48.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

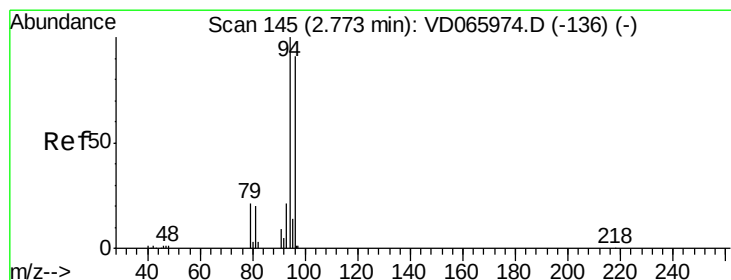
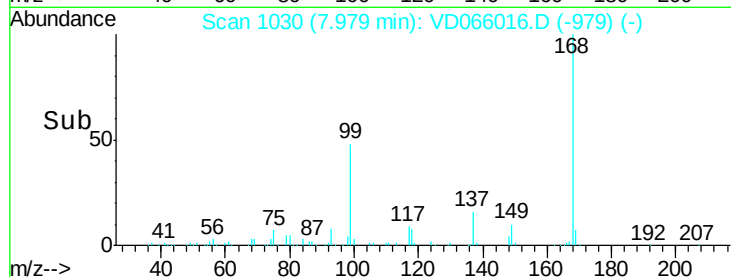
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066016.D

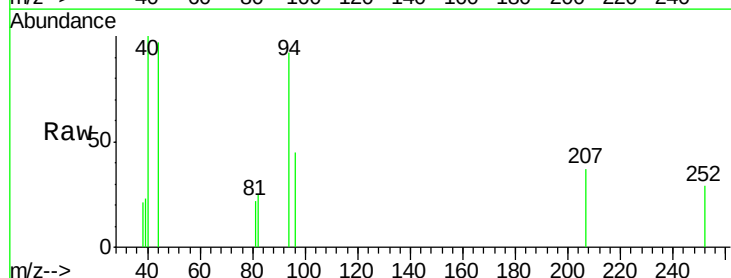
Acq: 23 Jul 2020 11:21

Tgt Ion: 94 Resp: 1004

Ion Ratio Lower Upper

94 100

96 48.6 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

800

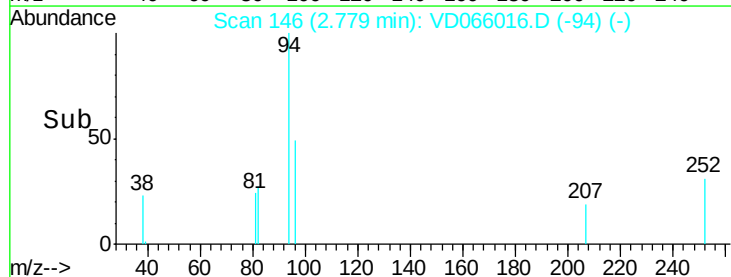
600

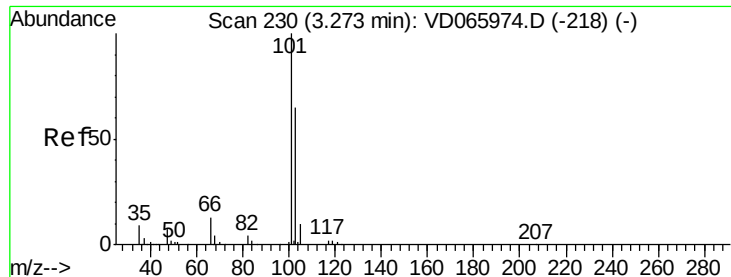
400

200

0

Time-->



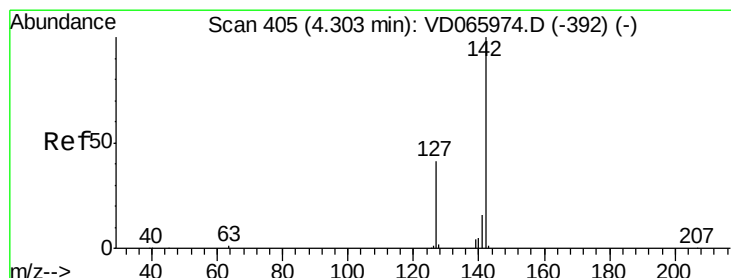
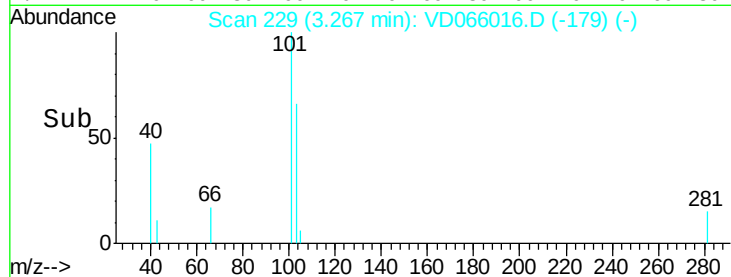
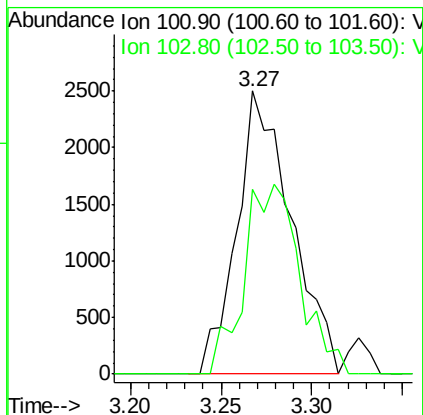
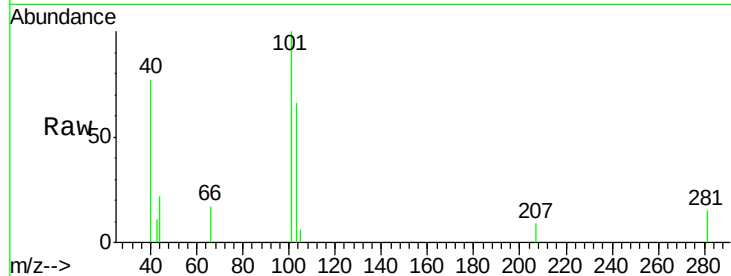


#7

Trichlorofluoromethane
 Concen: 1.150 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBL01

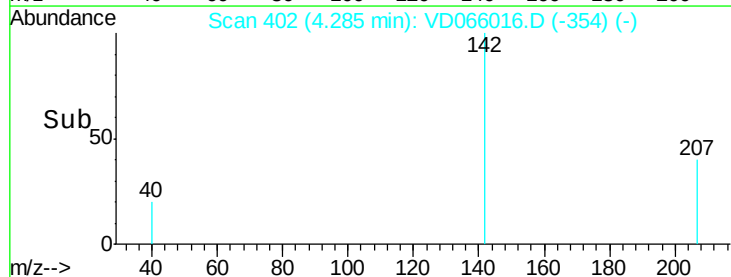
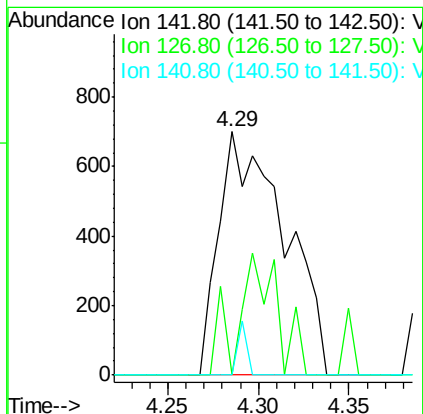
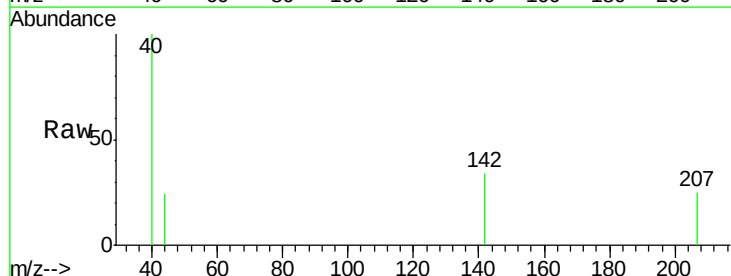
Tot Ion:101 Resp: 5241
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.1 78.1

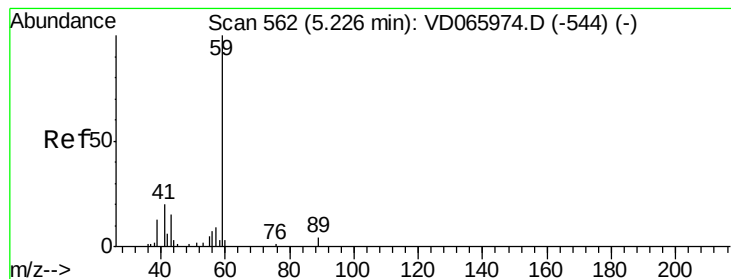


#10

Methyl Iodide
 Concen: 9.334 ug/l
 RT: 4.29 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

Tgt Ion:142 Resp: 1761
 Ion Ratio Lower Upper
 142 100
 127 30.7 32.9 49.3#
 141 3.1 11.8 17.6#



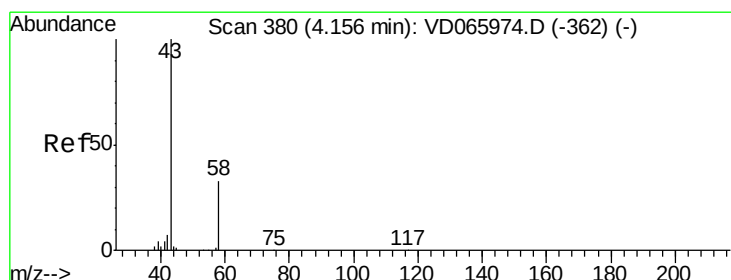
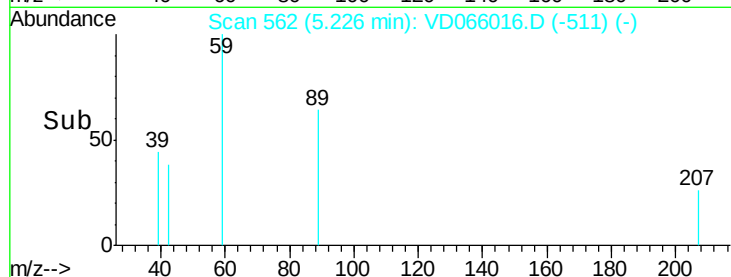
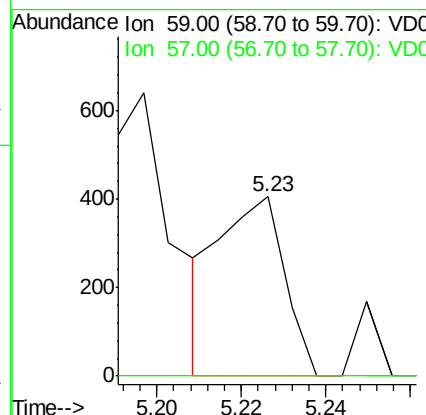
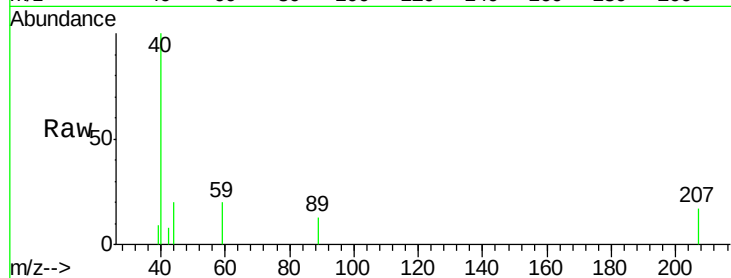


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBL01

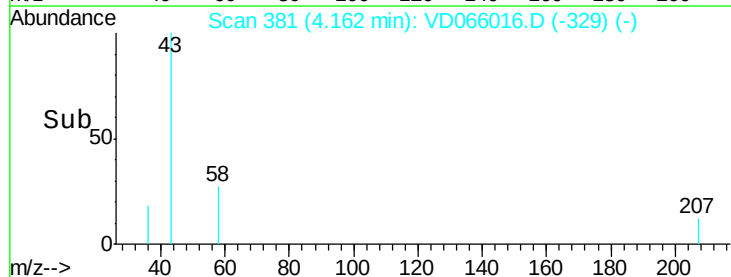
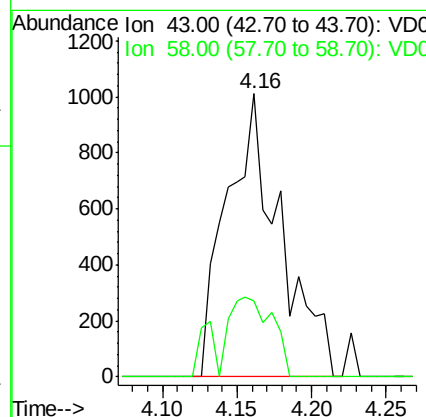
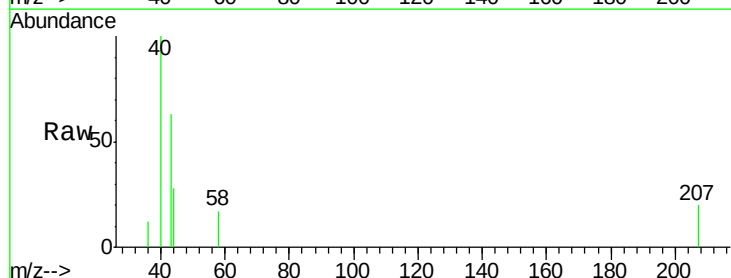
Tot Ion: 59 Resp: 433
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#

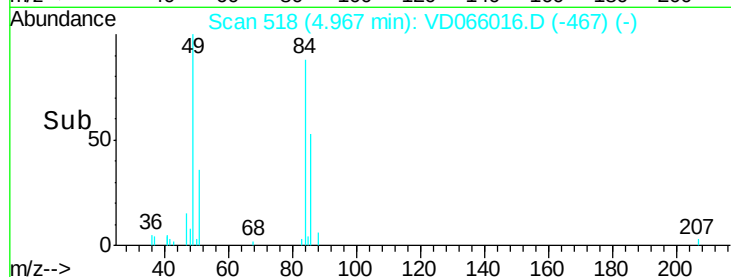
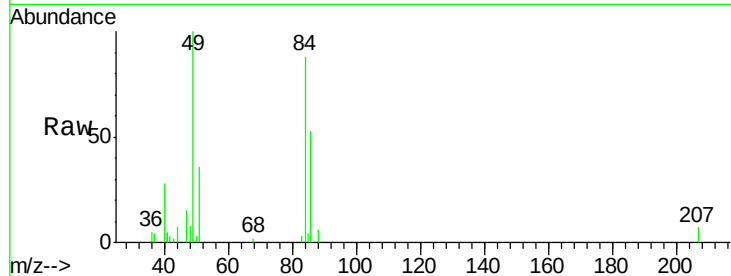
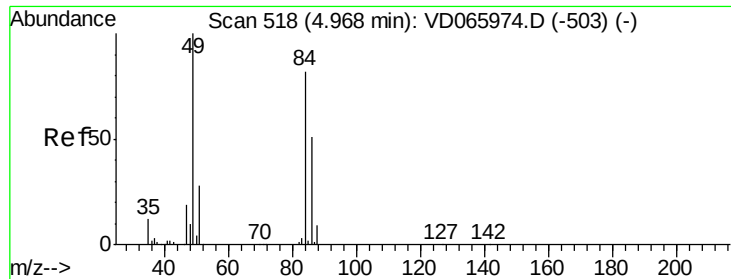


#16

Acetone
 Concen: 4.816 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

Tgt Ion: 43 Resp: 2520
 Ion Ratio Lower Upper
 43 100
 58 27.1 26.3 39.5

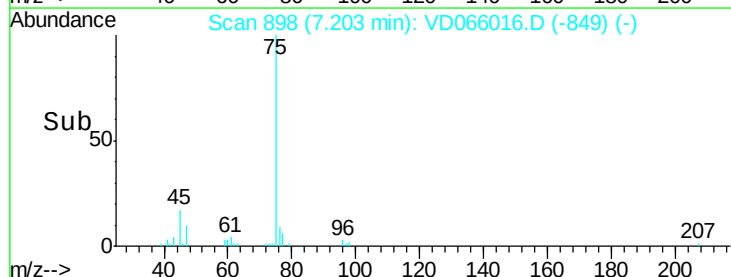
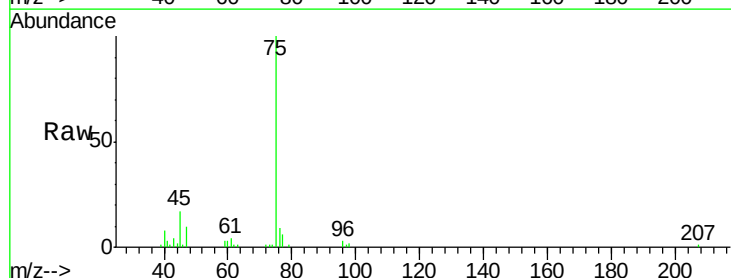
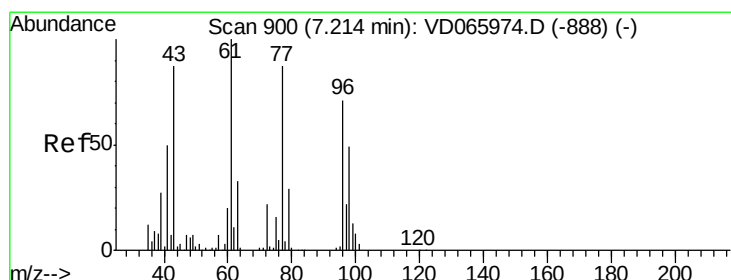
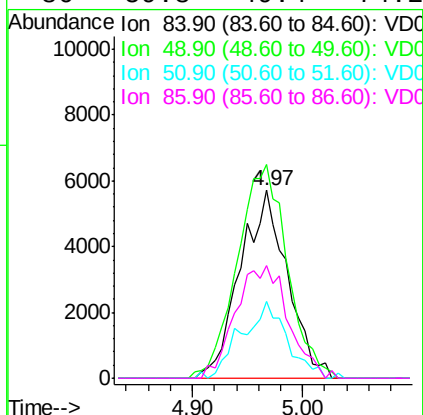




#20
Methylene Chloride
Concen: 3.128 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

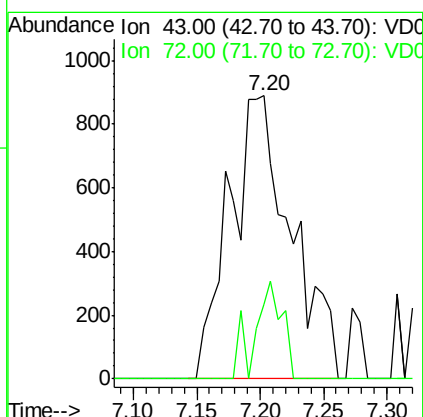
Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

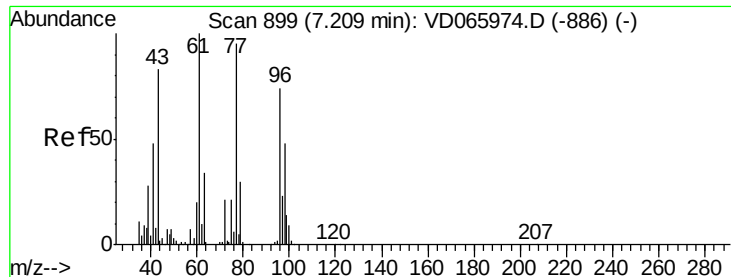
Tot Ion: 84 Resp: 17095
Ion Ratio Lower Upper
84 100
49 113.8 97.7 146.5
51 40.9 27.4 41.2
86 59.8 49.4 74.2



#25
2-Butanone
Concen: 4.345 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Tgt Ion: 43 Resp: 3017
Ion Ratio Lower Upper
43 100
72 26.2 20.2 30.2

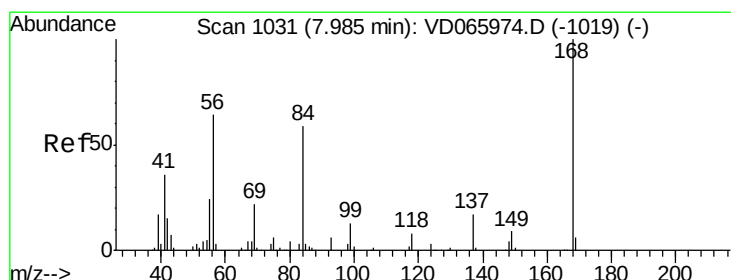
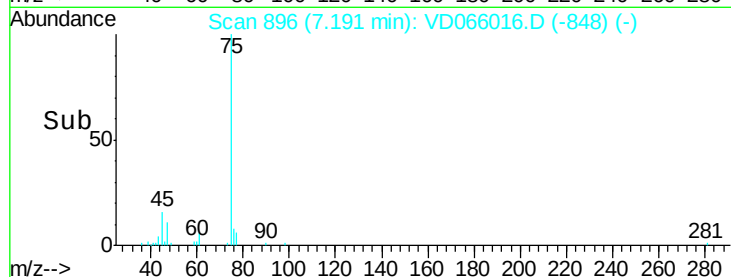
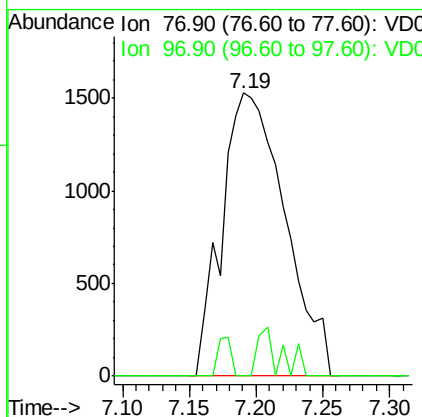
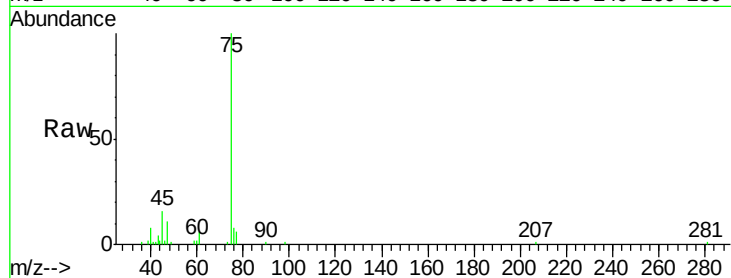




#26
2,2-Dichloropropane
Concen: 1.182 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

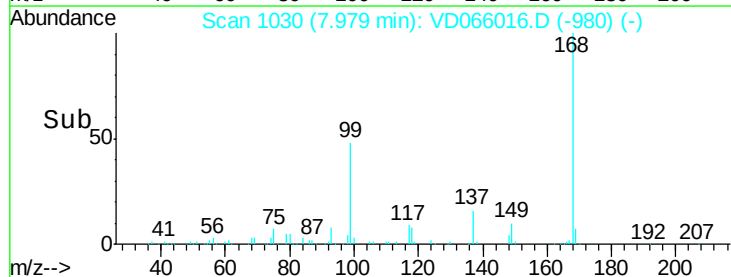
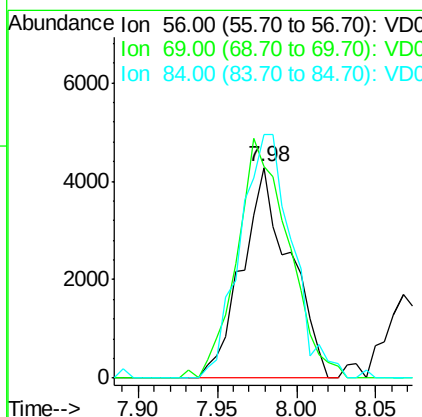
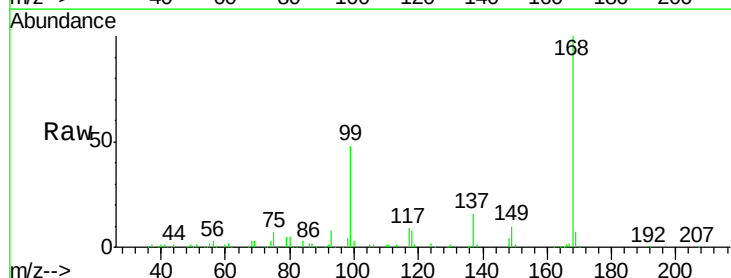
Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

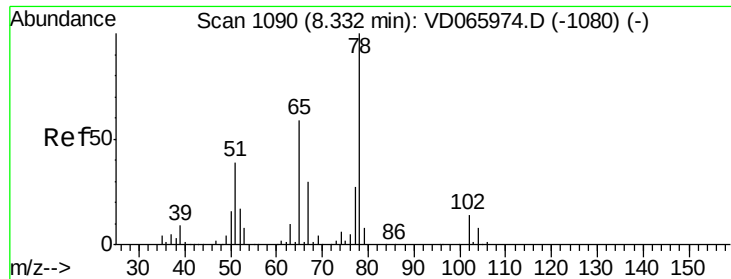
Tot Ion: 77 Resp: 5023
Ion Ratio Lower Upper
77 100
97 2.9 11.6 34.7#



#31
Cyclohexane
Concen: 1.937 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Tgt Ion: 56 Resp: 9006
Ion Ratio Lower Upper
56 100
69 96.7 28.0 42.0#
84 115.5 72.6 109.0#

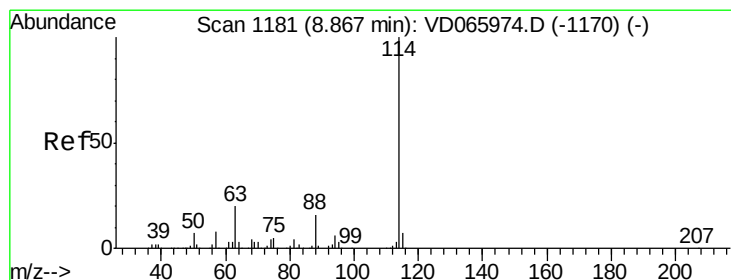
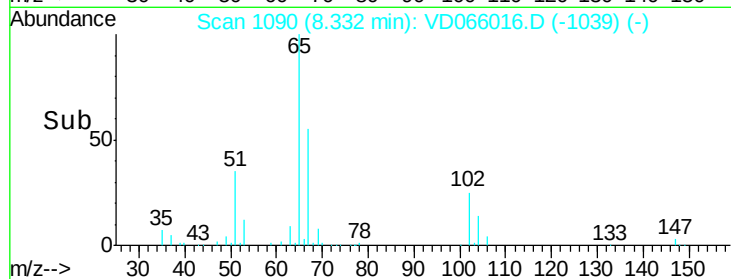
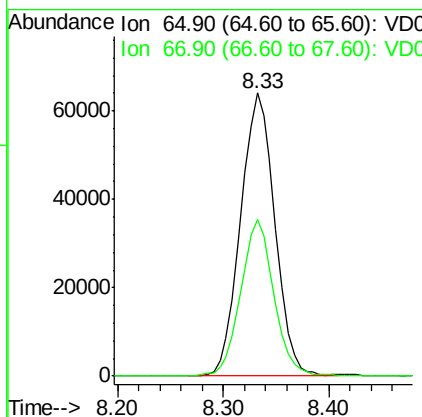
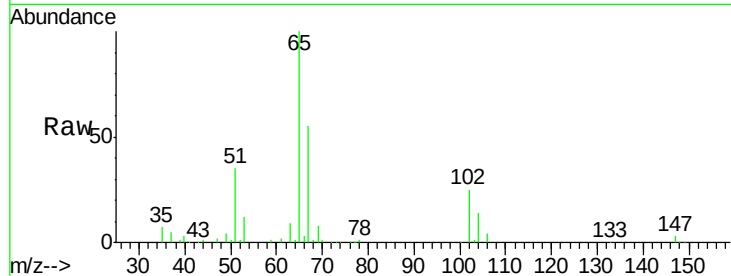




#33
 1,2-Dichloroethane-d4
 Concen: 55.943 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

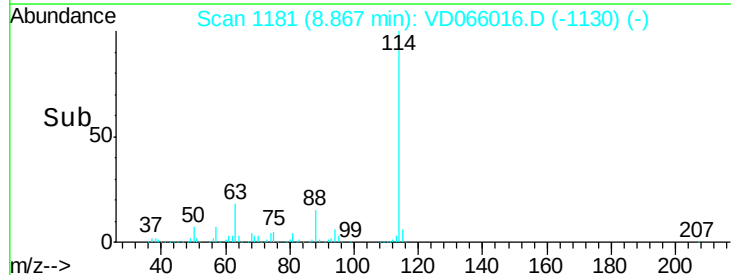
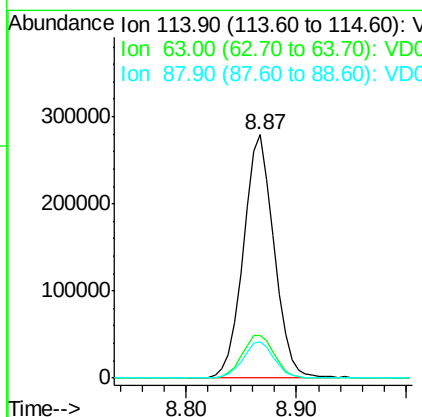
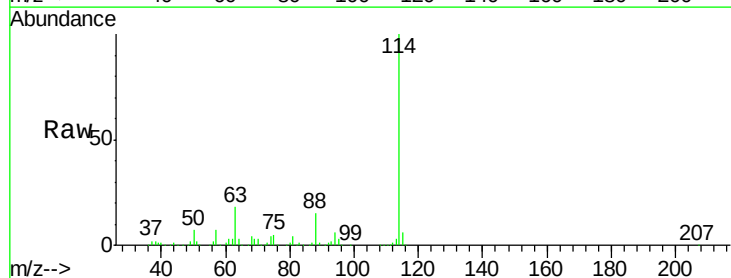
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBL01

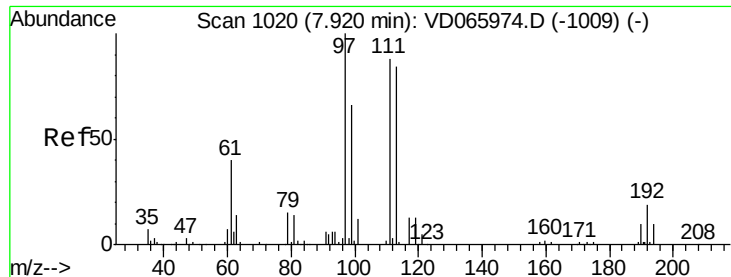
Tot Ion: 65 Resp: 144630
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

Tgt Ion: 114 Resp: 543930
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 39.6
 88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.084 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066016.D

Acq: 23 Jul 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0723SBL01

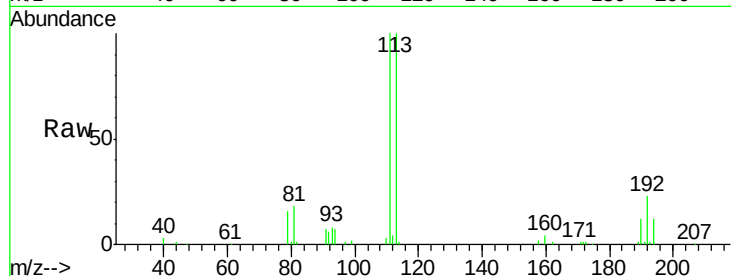
Tot Ion:113 Resp: 165233

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

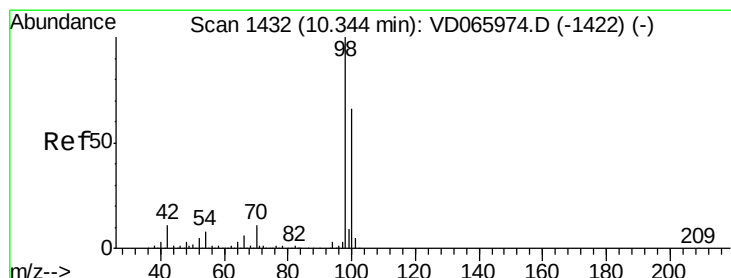
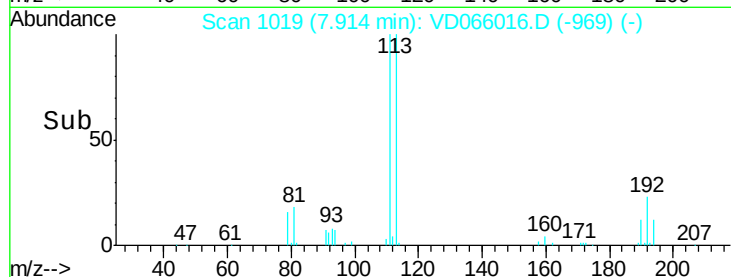
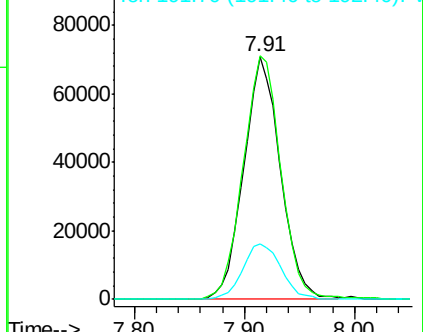
192 23.9 18.7 28.1



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: 53.426 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066016.D

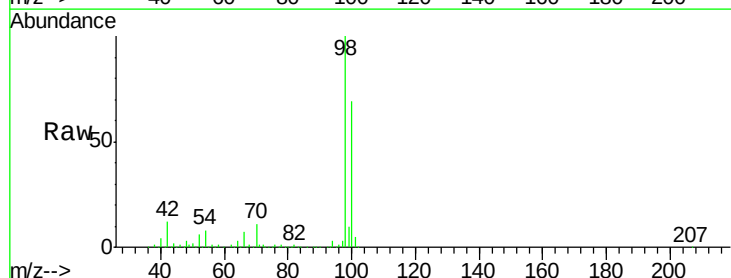
Acq: 23 Jul 2020 11:21

Tgt Ion: 98 Resp: 656608

Ion Ratio Lower Upper

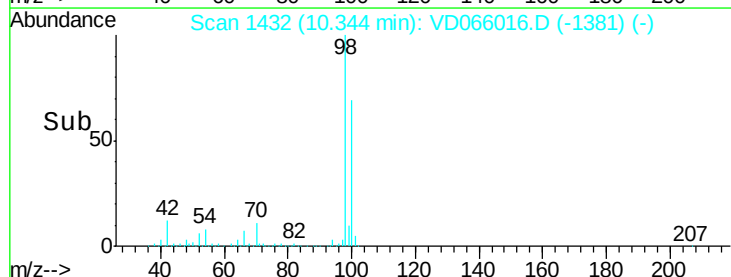
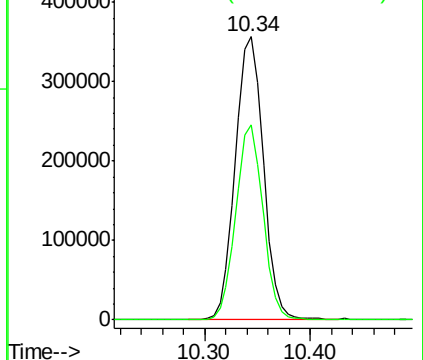
98 100

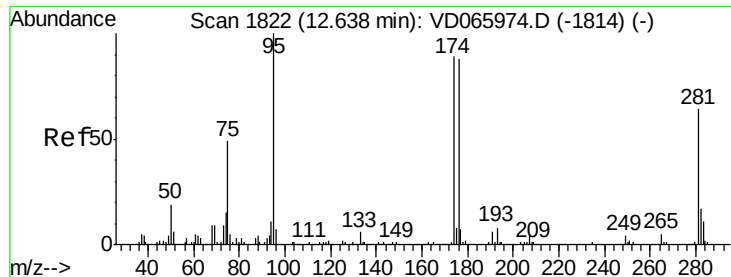
100 66.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

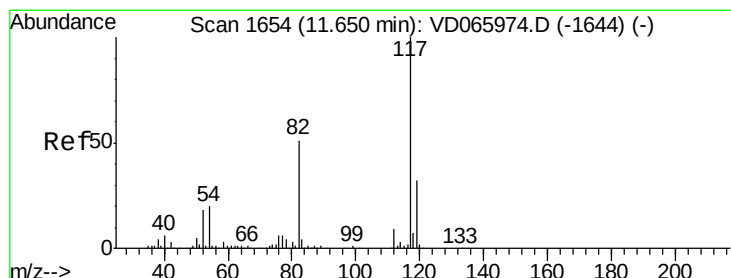
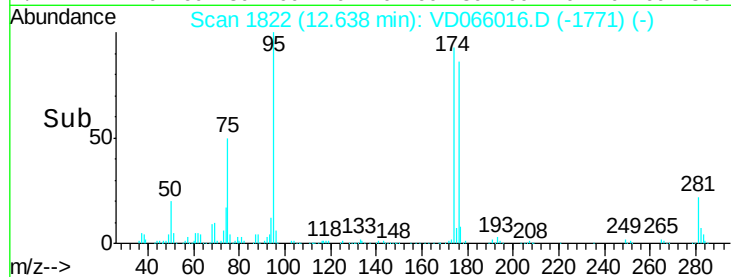
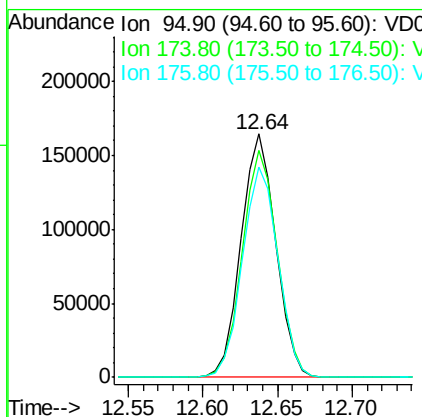
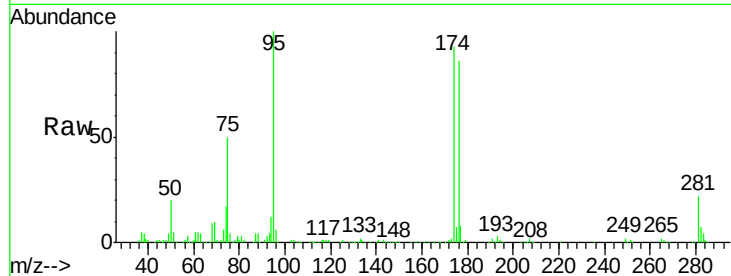




#62
4-Bromofluorobenzene
Concen: 62.232 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

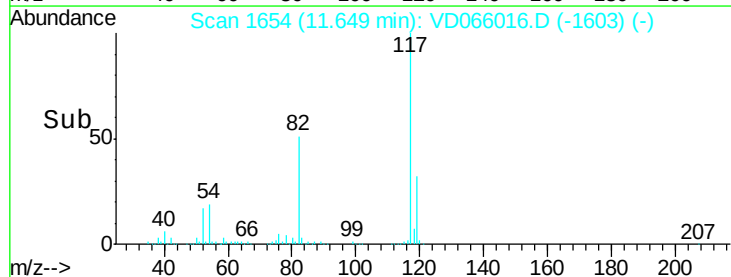
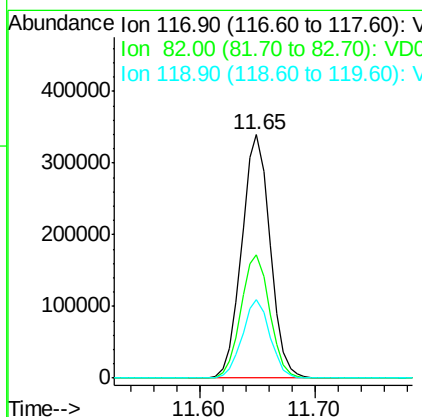
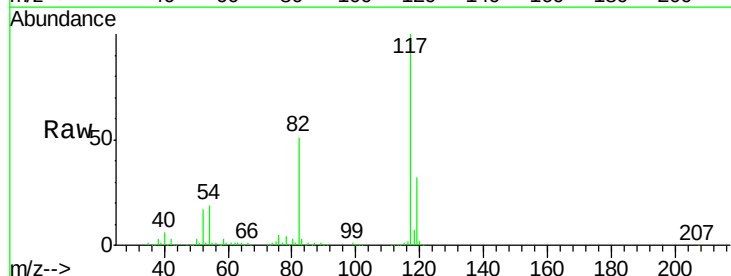
Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

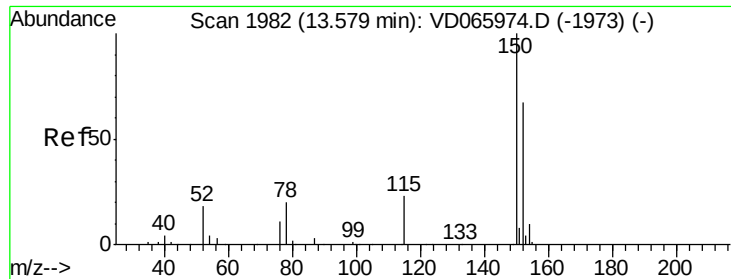
Tot Ion: 95 Resp: 265196
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.8
176 88.4 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Tgt Ion: 117 Resp: 579232
Ion Ratio Lower Upper
117 100
82 50.8 41.1 61.7
119 32.4 25.9 38.9



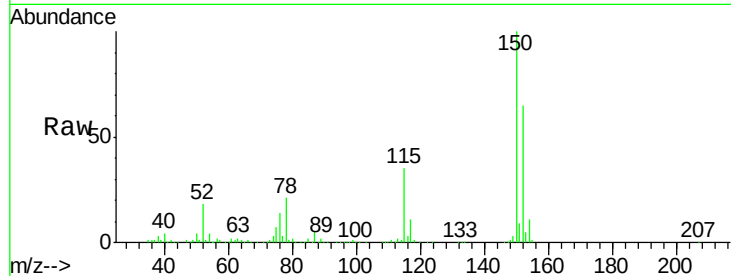


#72

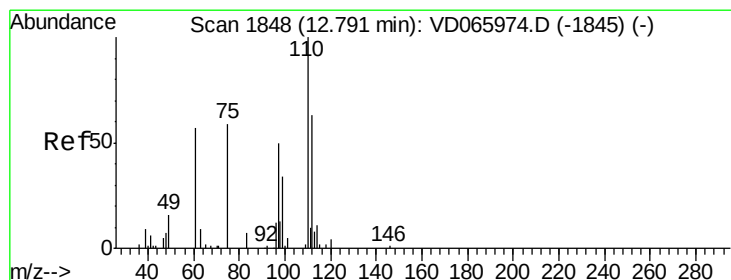
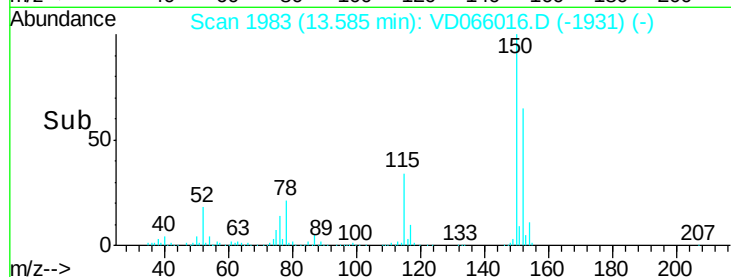
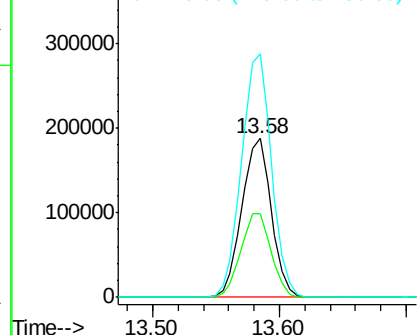
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

Tot Ion:152 Resp: 302421
Ion Ratio Lower Upper
152 100
115 54.3 27.9 83.7
150 155.8 0.0 348.2



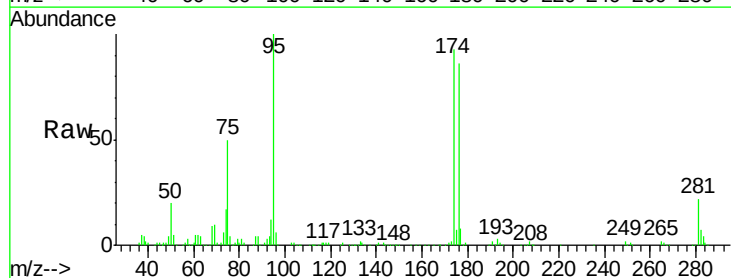
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



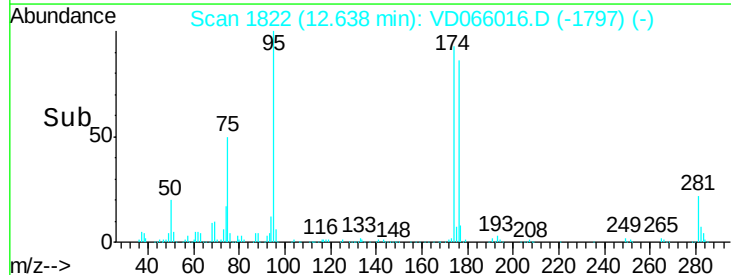
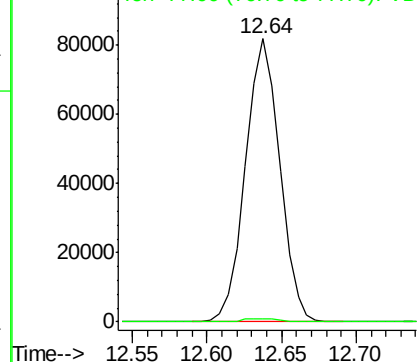
#76

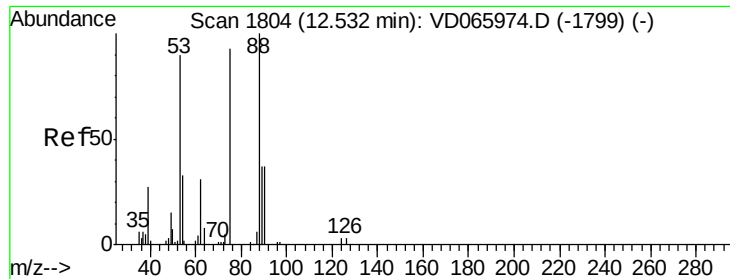
1,2,3-Trichloropropane
Concen: 57.139 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Tgt Ion: 75 Resp: 130110
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC

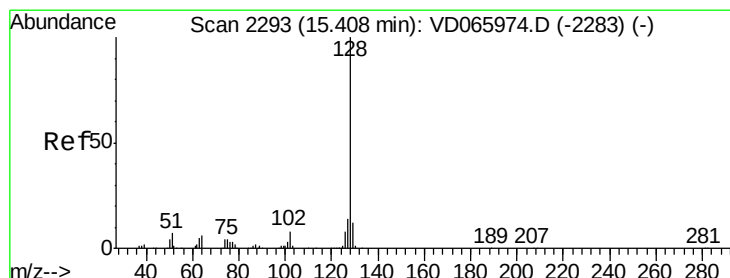
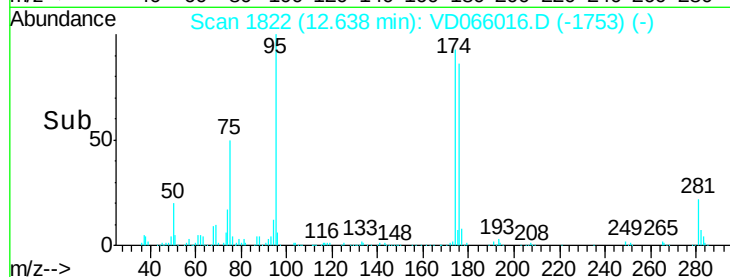
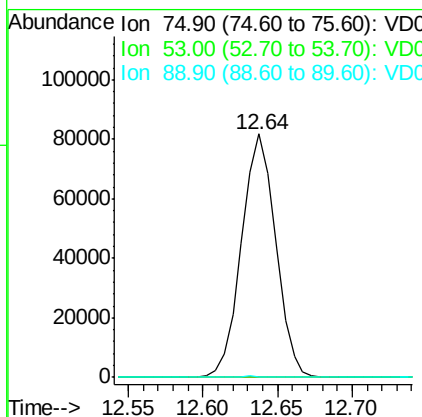
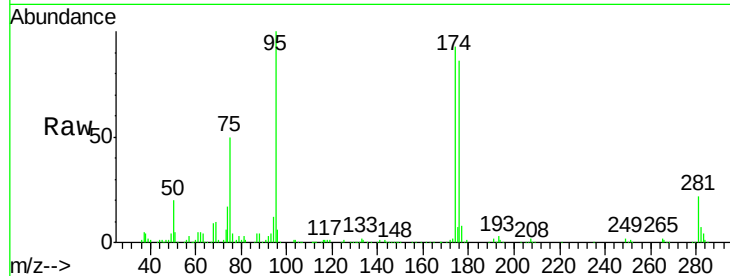




#81
trans-1,4-Dichloro-2-butene
Concen: 131.114 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

Tot Ion: 75 Resp: 130110
Ion Ratio Lower Upper
75 100
53 0.0 76.8 115.2#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 3.886 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Tgt Ion:128 Resp: 3505
Ion Ratio Lower Upper
128 100
127 6.3 10.8 16.2#
129 8.1 8.9 13.3#

