

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064985.D
 Acq On : 28 Jan 2020 19:17
 Operator : VA/SY
 Sample : L1289-33
 Misc : 8.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 01:35:27 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

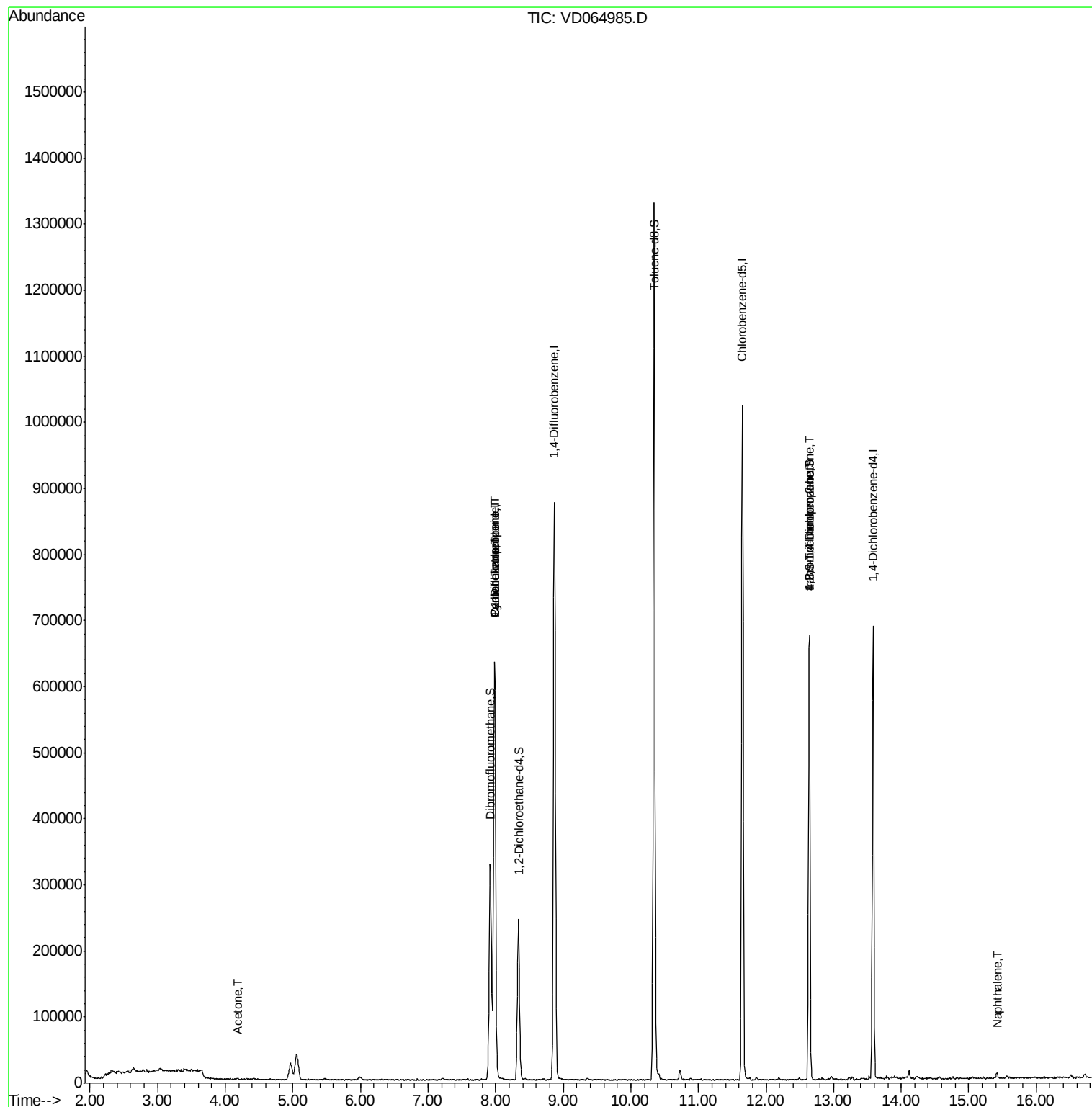
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	494714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	753954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	581571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	195286	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.30%	
35) Dibromofluoromethane	7.92	113	225517	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.34	98	873395	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.64	95	200160	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.54%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	2659	15.707	ug/l #	87
20) Methylene Chloride	4.97	84	19705	Below Cal	#	94
31) Cyclohexane	7.99	56	11046	1.336	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	36516	5.023	ug/l #	50
38) Carbon Tetrachloride	7.99	117	48301	6.286	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	110055	74.298	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	110055	158.643	ug/l #	9
95) Naphthalene	15.41	128	6362	1.172	ug/l #	94

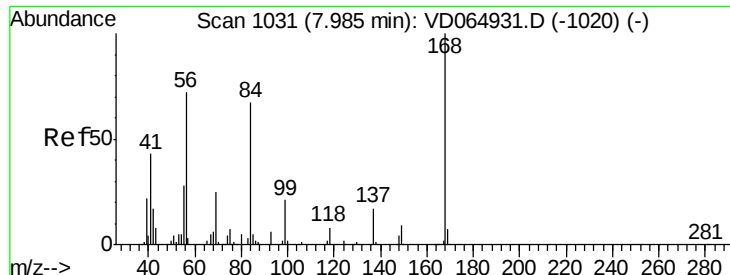
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

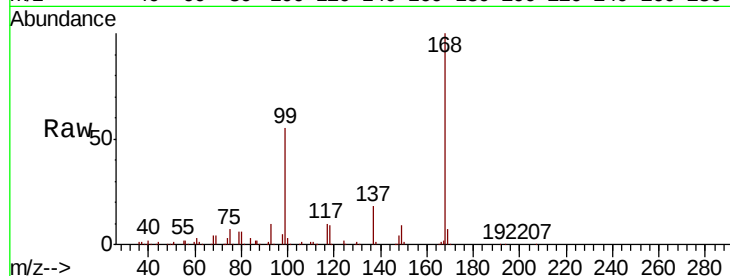
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 494714

Ion Ratio Lower Upper

168 100

99 54.7 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

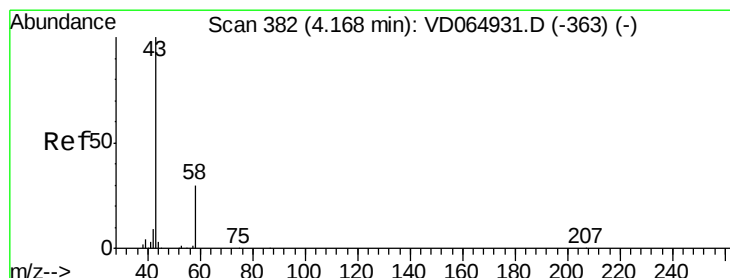
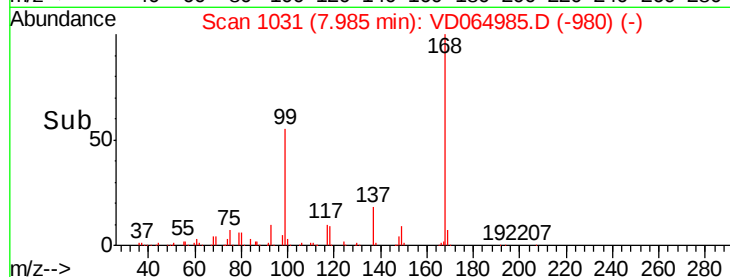
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.707 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064985.D

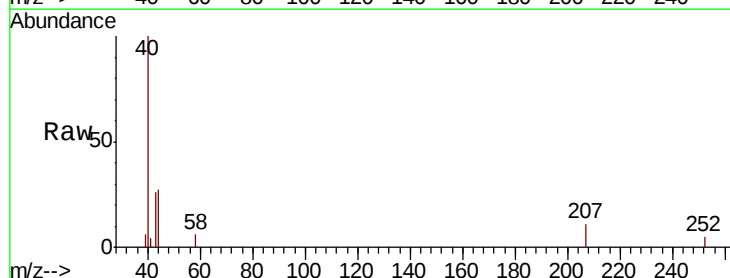
Acq: 28 Jan 2020 19:17

Tgt Ion: 43 Resp: 2659

Ion Ratio Lower Upper

43 100

58 22.6 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

1200

1000

800

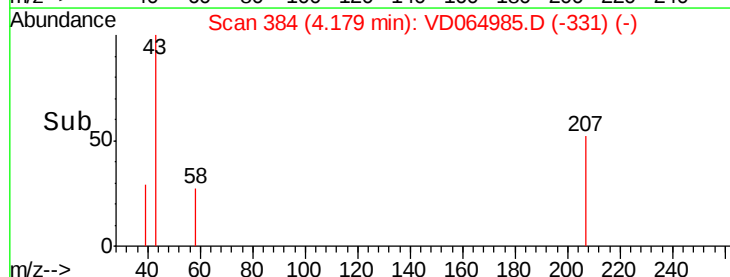
600

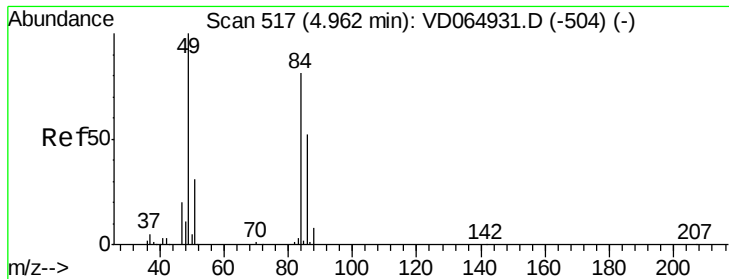
400

200

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

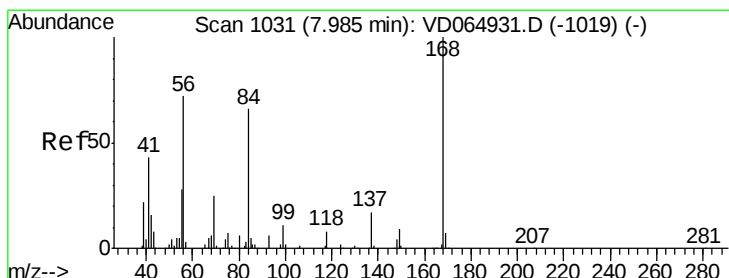
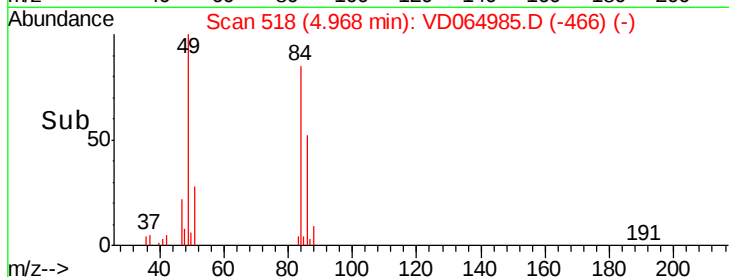
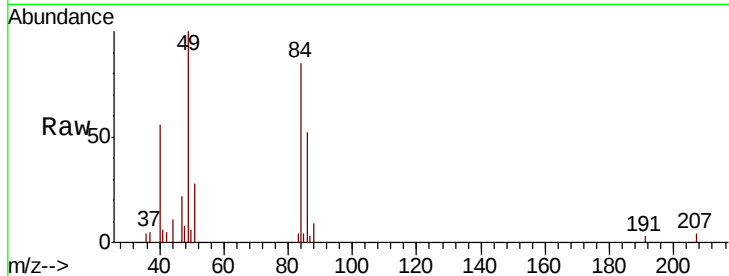
Delta R.T. 0.01 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	19705
Ion	Ratio	Lower	Upper
84	100		
49	117.5	98.4	147.6
51	30.1	30.8	46.2#
86	61.0	51.0	76.6



#31

Cyclohexane

Concen: 1.336 ug/l

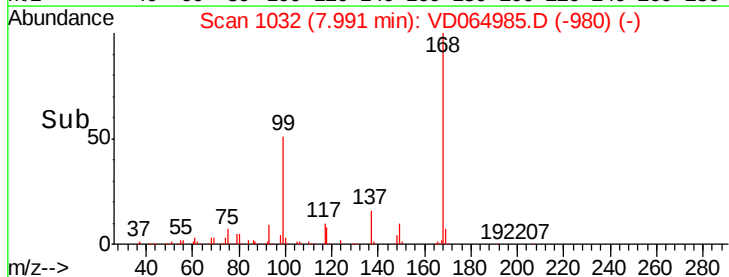
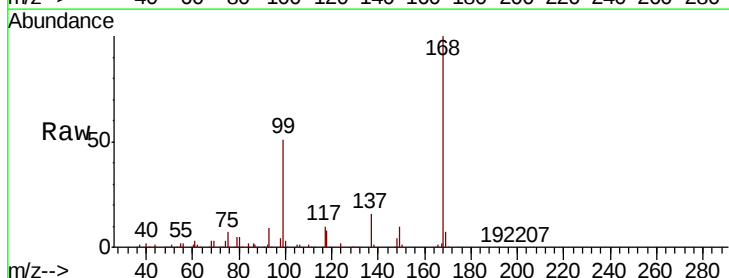
RT: 7.99 min Scan# 1032

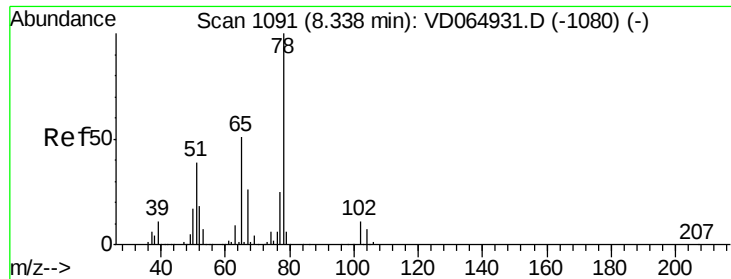
Delta R.T. 0.01 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

Tgt Ion:	56	Resp:	11046
Ion	Ratio	Lower	Upper
56	100		
69	143.1	27.9	41.9#
84	101.7	72.8	109.2





#33

1,2-Dichloroethane-d4

Concen: 41.153 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

Instrument :

MSVOA_D

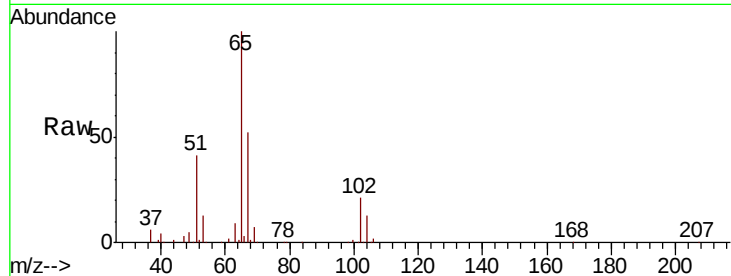
ClientSampleId :

Tot Ion: 65 Resp: 195286

Ion Ratio Lower Upper

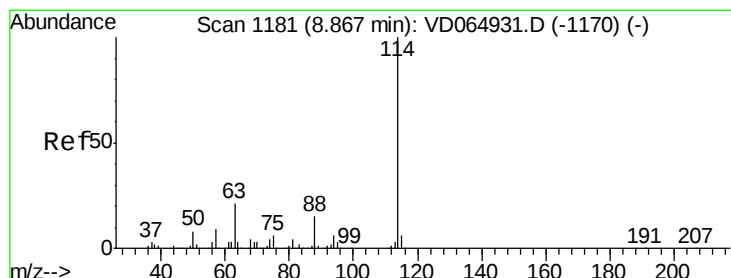
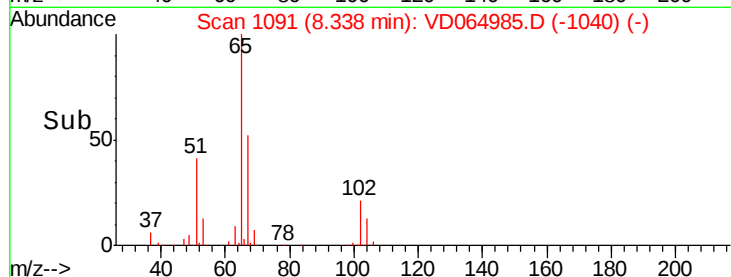
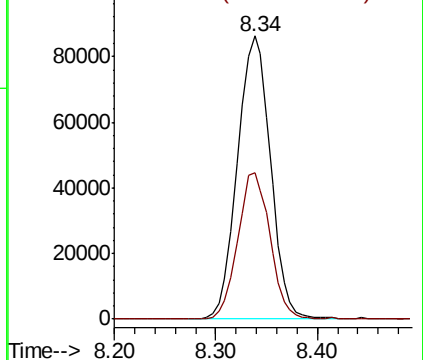
65 100

67 50.5 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: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

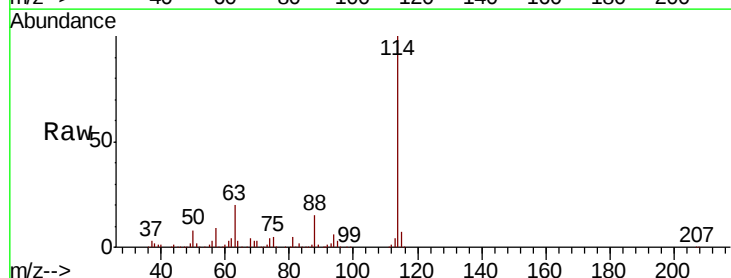
Tgt Ion: 114 Resp: 753954

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.0

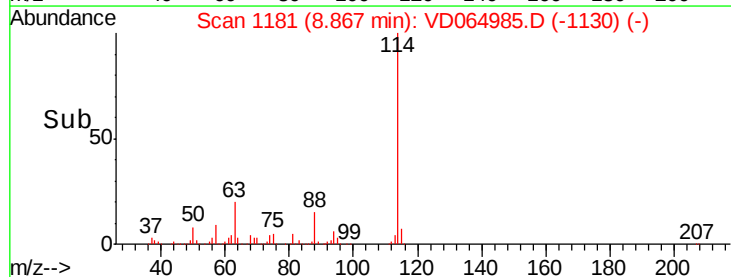
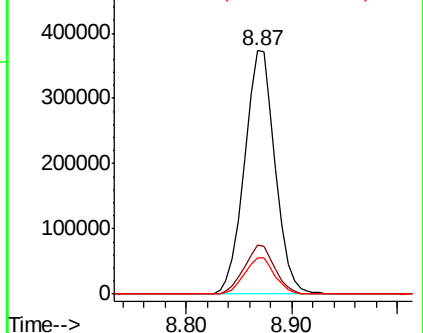
88 14.6 0.0 29.4

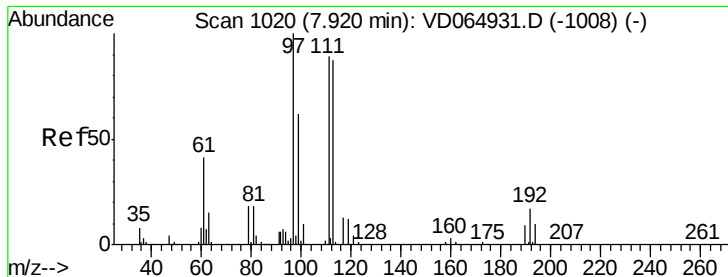


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

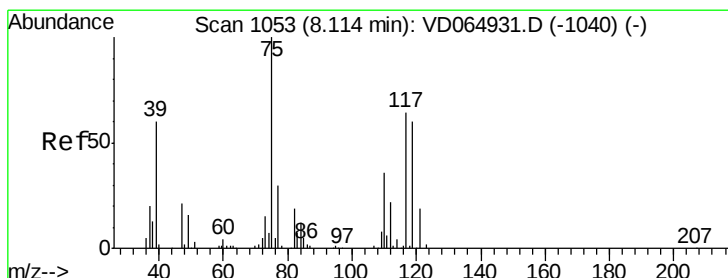
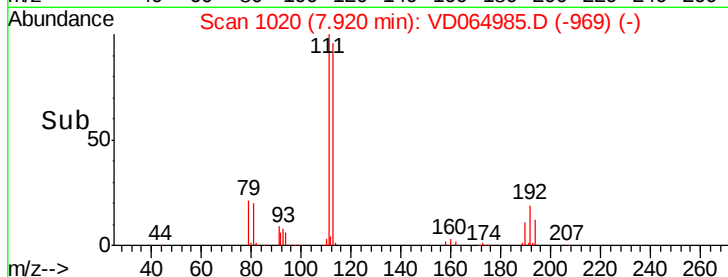
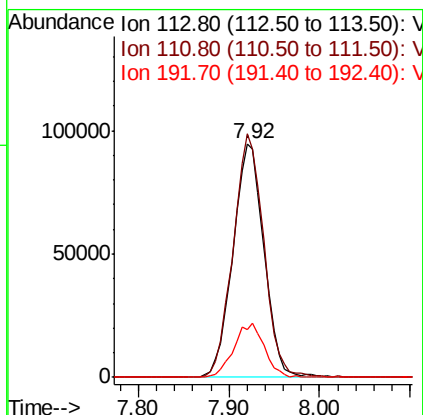
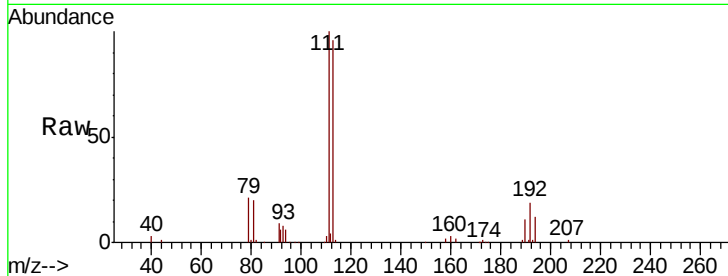




#35
 Dibromofluoromethane
 Concen: 47.598 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064985.D
 Acq: 28 Jan 2020 19:17

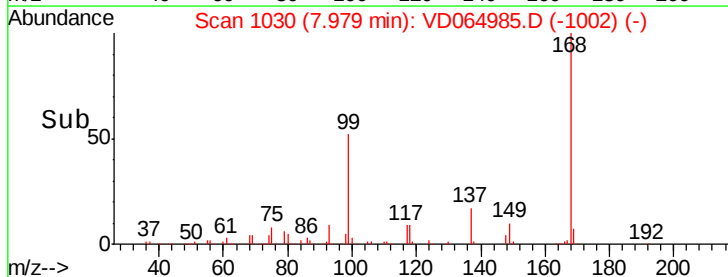
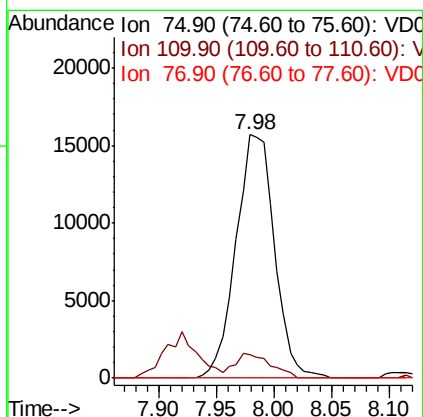
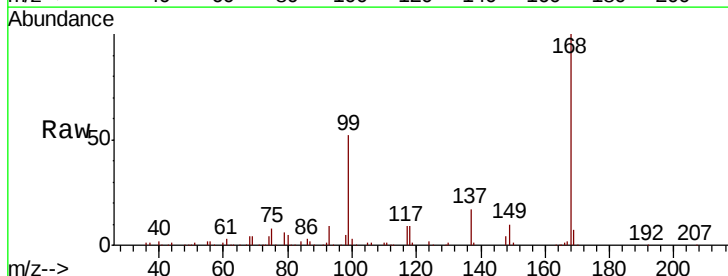
Instrument :
 MSVOA_D
 ClientSampleId :

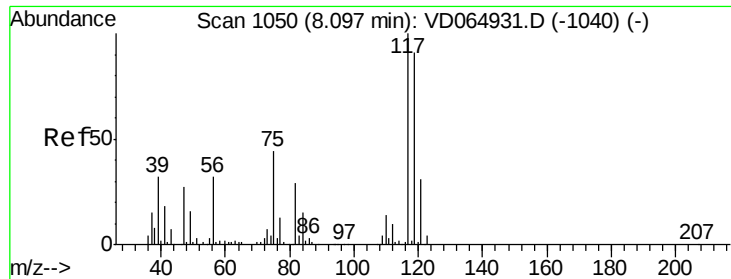
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	22.9	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 5.023 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064985.D
 Acq: 28 Jan 2020 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.3	52.0#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.286 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

Instrument :

MSVOA_D

ClientSampled :

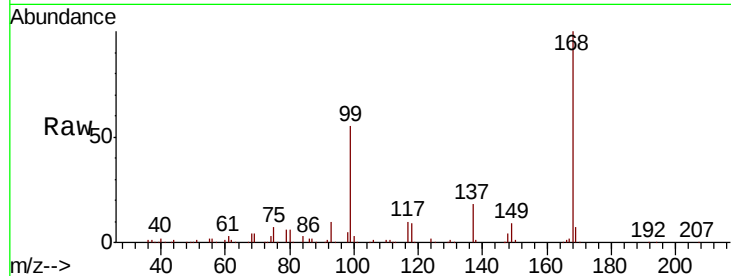
Tot Ion:117 Resp: 48301

Ion Ratio Lower Upper

117 100

119 4.4 73.2 109.8#

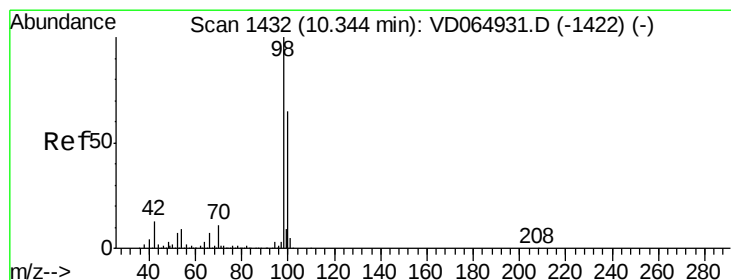
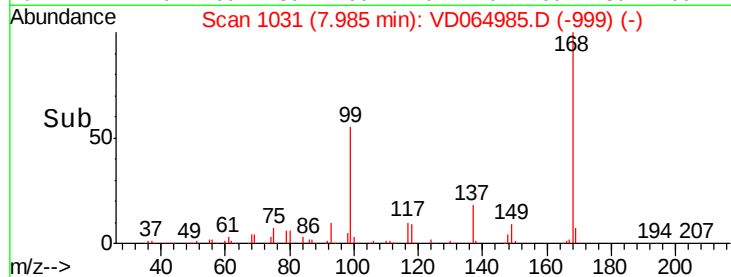
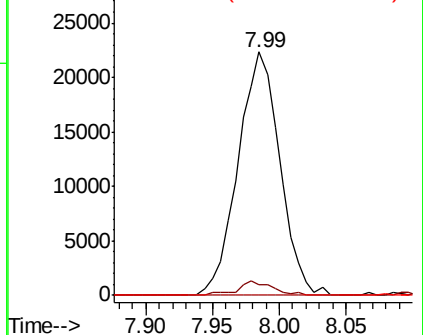
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.761 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064985.D

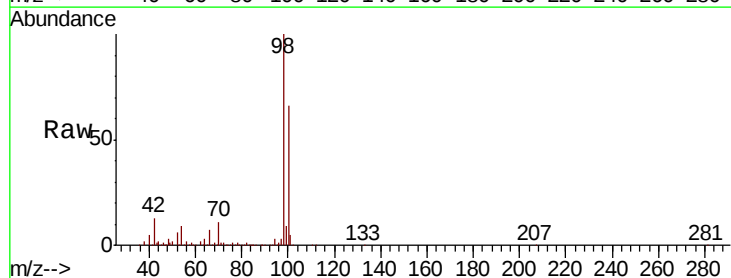
Acq: 28 Jan 2020 19:17

Tgt Ion: 98 Resp: 873395

Ion Ratio Lower Upper

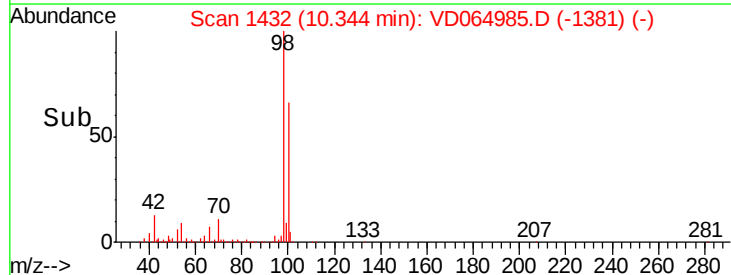
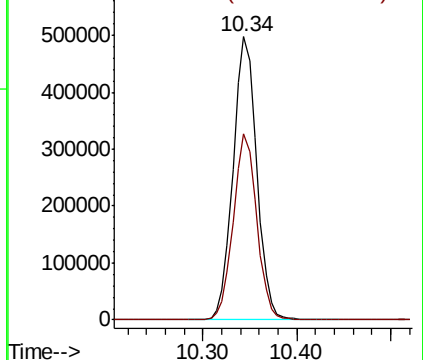
98 100

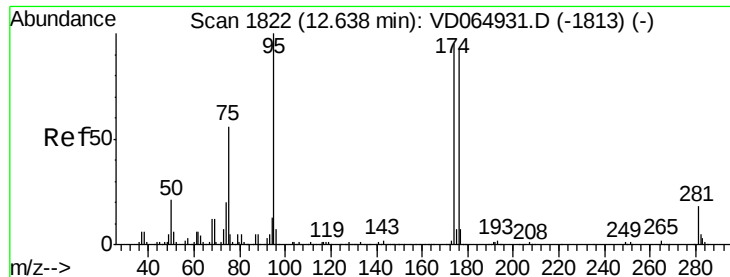
100 65.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

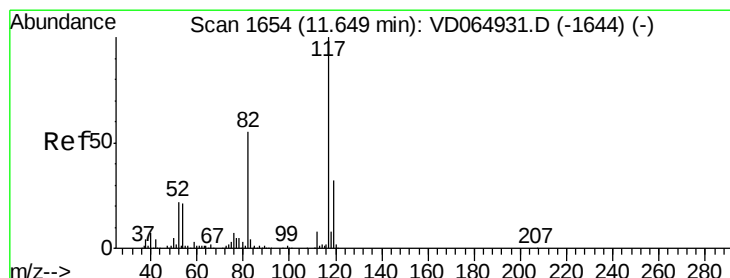
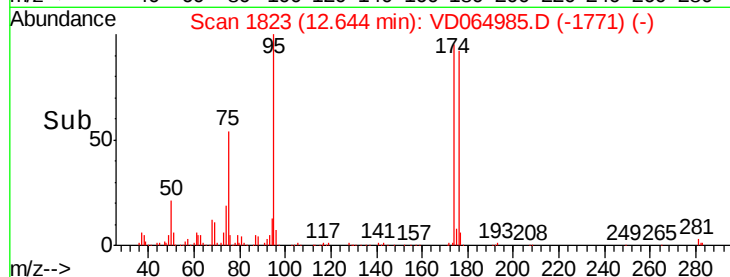
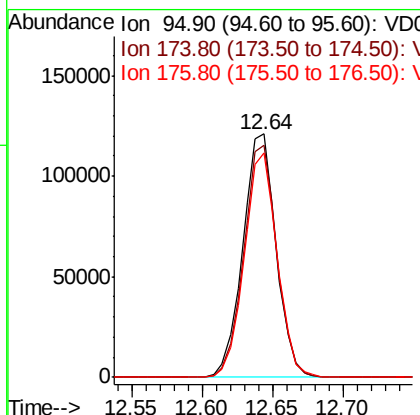
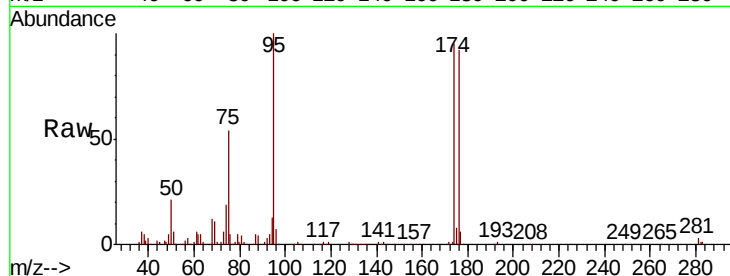




#62
4-Bromofluorobenzene
Concen: 35.768 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

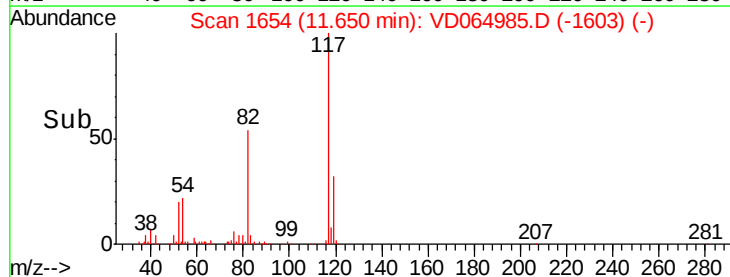
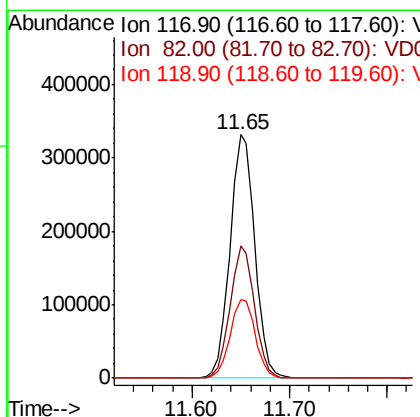
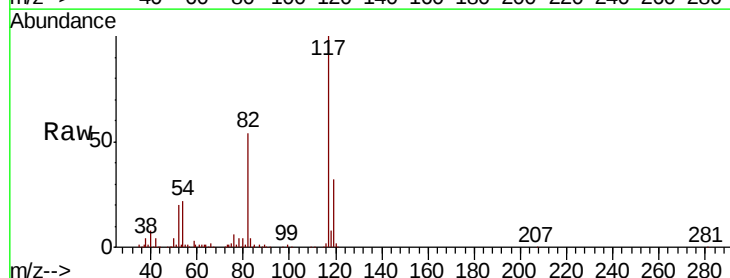
Instrument :
MSVOA_D
ClientSampleId :

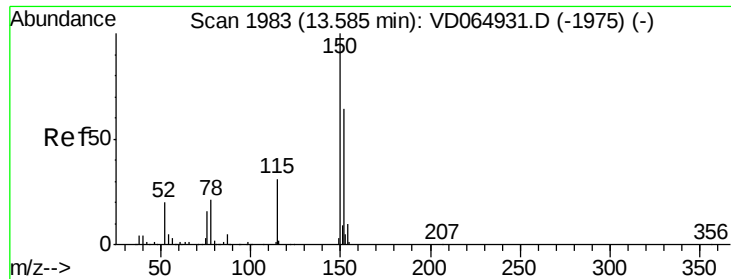
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	186.8
176	91.0	0.0	183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	32.4	25.2	37.8



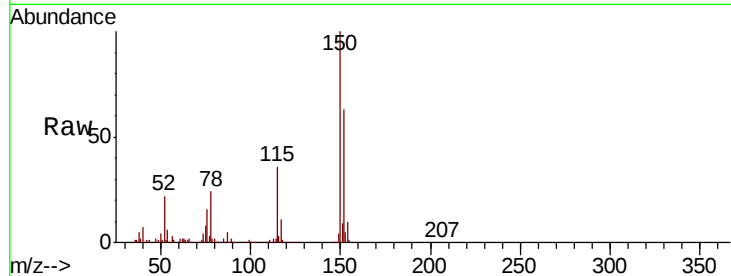


#72

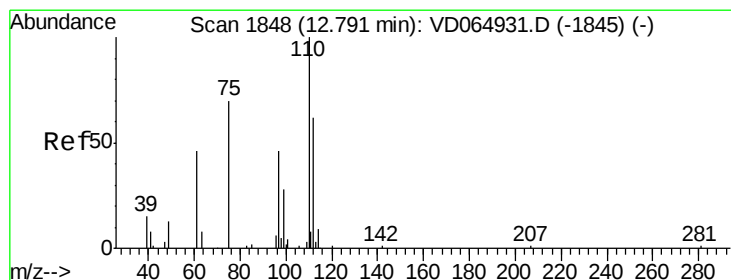
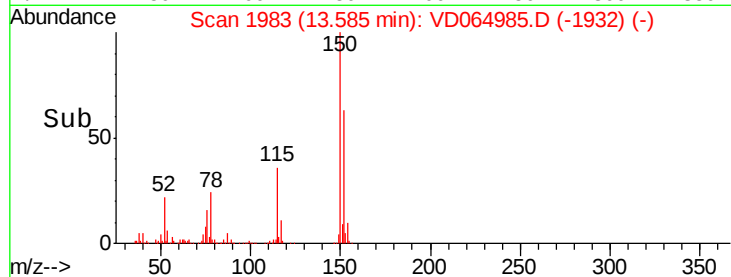
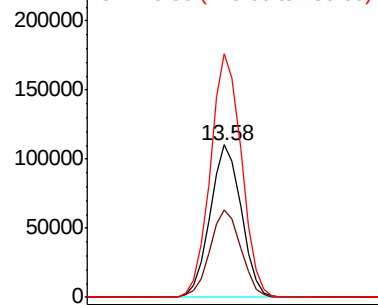
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:152 Resp: 178464
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.4
150 158.6 0.0 350.4



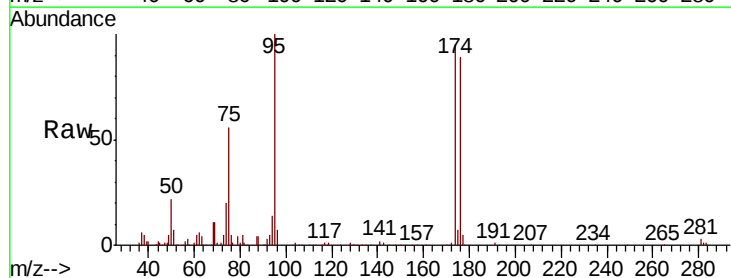
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



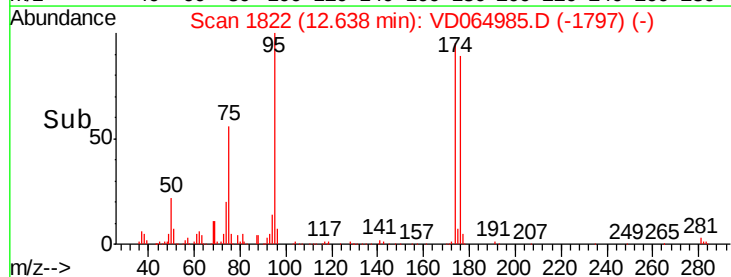
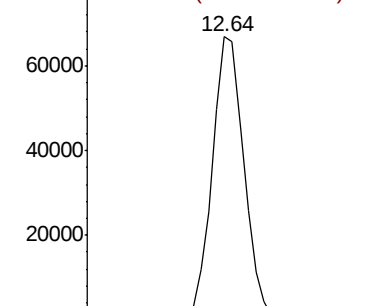
#76

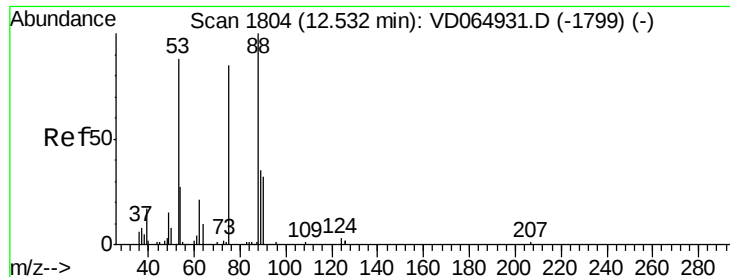
1,2,3-Trichloropropane
Concen: 74.298 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

Tgt Ion: 75 Resp: 110055
Ion Ratio Lower Upper
75 100
77 1.2 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: 158.643 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

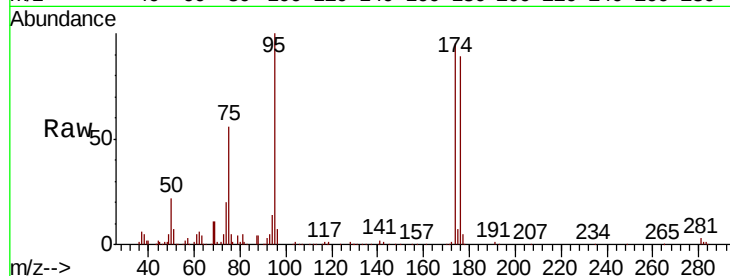
Tot Ion: 75 Resp: 110055

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.4#

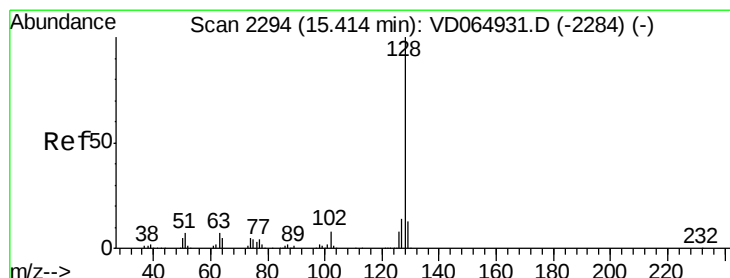
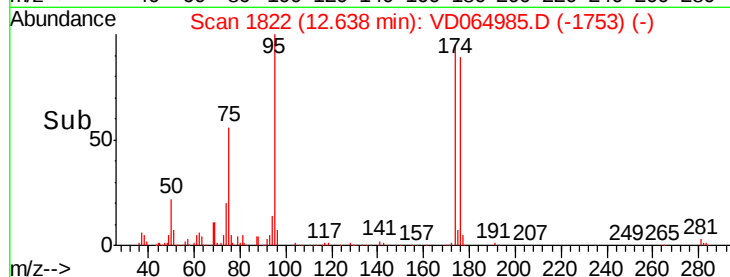
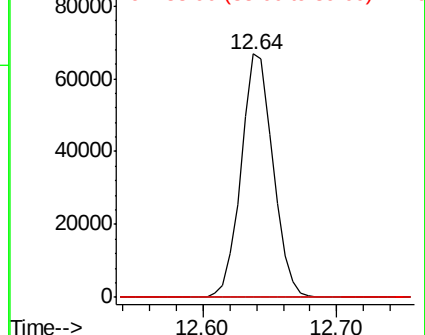
89 0.1 36.2 54.4#



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



#95

Naphthalene

Concen: 1.172 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

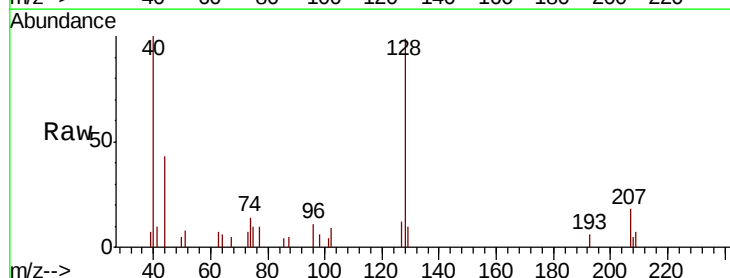
Tgt Ion:128 Resp: 6362

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 8.2 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

