

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065429.D
 Acq On : 05 Mar 2020 14:15
 Operator : VA/SY
 Sample : L1792-01
 Misc : 6.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 06 03:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

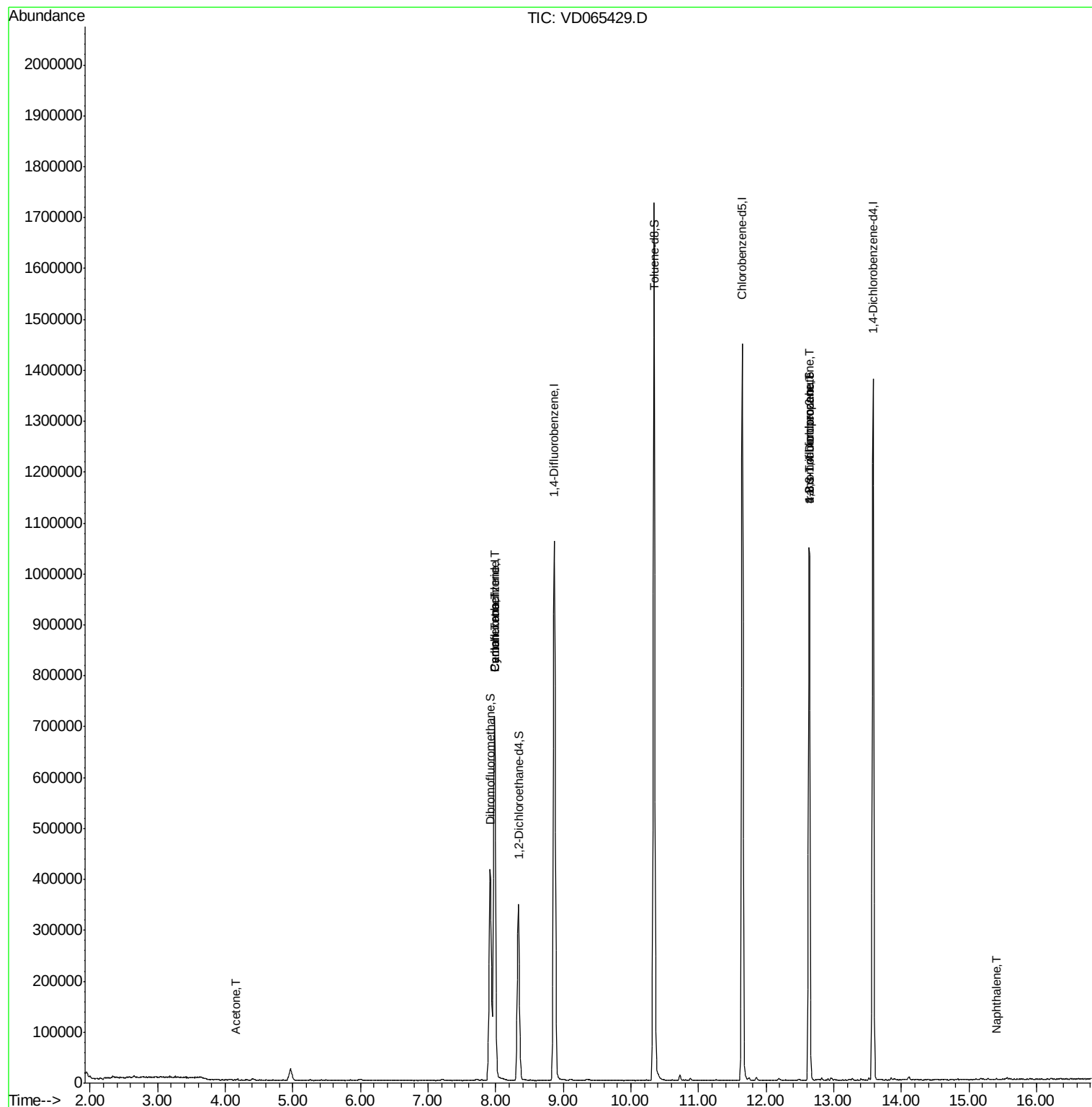
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	562155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	948654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	859048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	276884	57.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.84%	
35) Dibromofluoromethane	7.92	113	300358	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.34	98	1136681	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.64	95	334798	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.77	94	1012	Below Cal	#	34
16) Acetone	4.17	43	3039	3.116	ug/l	91
20) Methylene Chloride	4.97	84	17579	Below Cal	#	82
31) Cyclohexane	7.98	56	10729	1.120	ug/l #	1
38) Carbon Tetrachloride	7.98	117	53751	5.700	ug/l #	19
76) 1,2,3-Trichloropropane	12.64	75	164846	53.492	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	164846	112.883	ug/l #	14
95) Naphthalene	15.41	128	1573	4.521	ug/l #	71

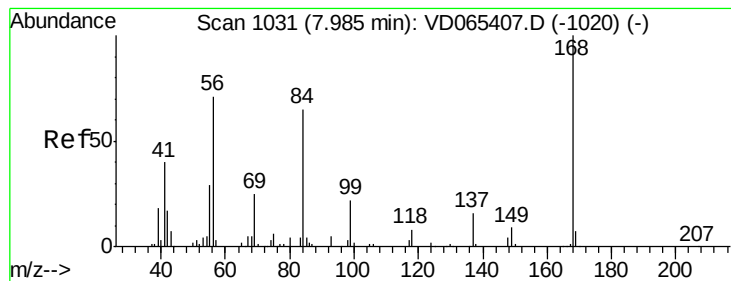
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

Instrument :

MSVOA_D

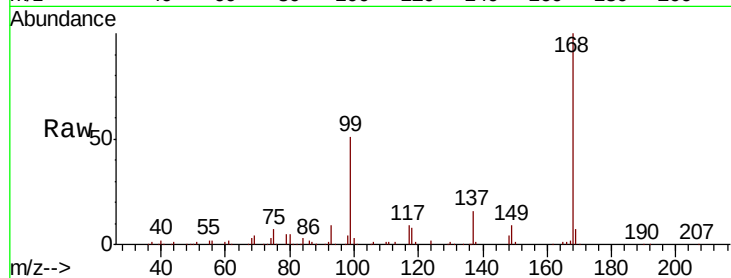
ClientSampleId :

Tot Ion:168 Resp: 562155

Ion Ratio Lower Upper

168 100

99 51.3 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

300000

250000

200000

150000

100000

50000

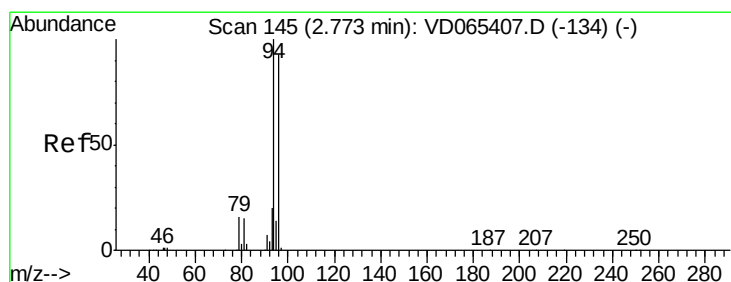
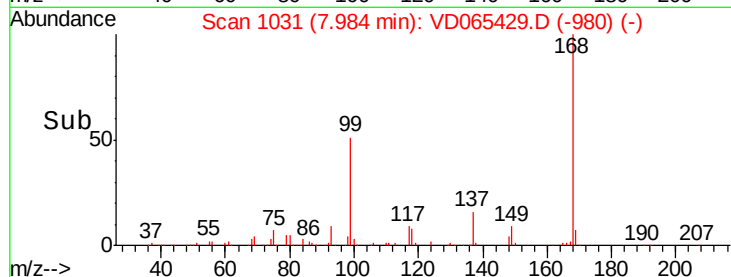
0

7.90

8.00

8.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065429.D

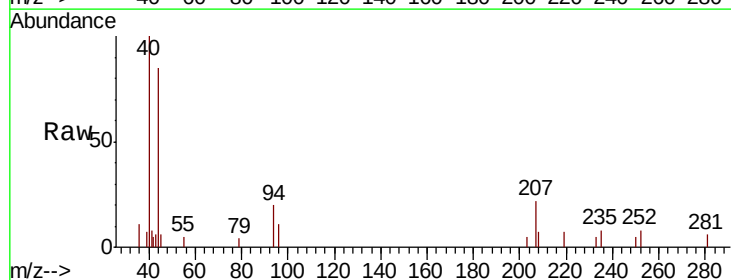
Acq: 05 Mar 2020 14:15

Tgt Ion: 94 Resp: 1012

Ion Ratio Lower Upper

94 100

96 29.4 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

800

600

400

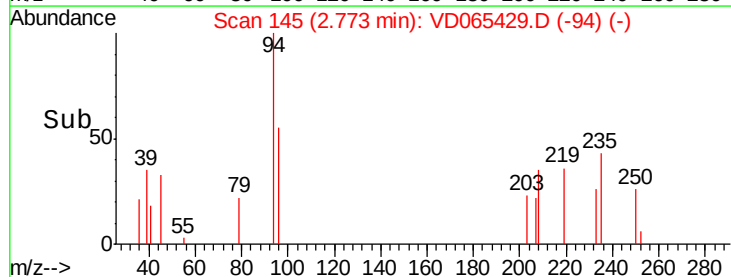
200

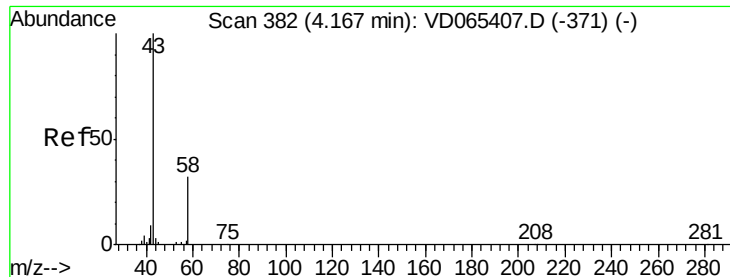
0

2.75

2.80

Time-->

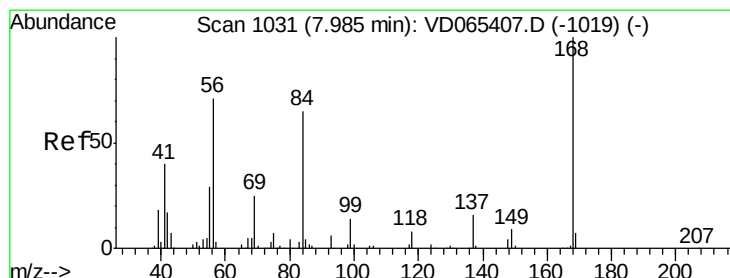
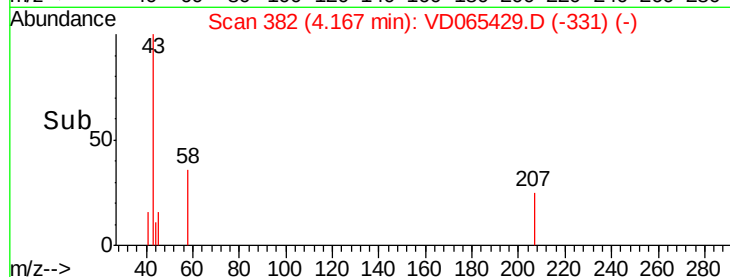
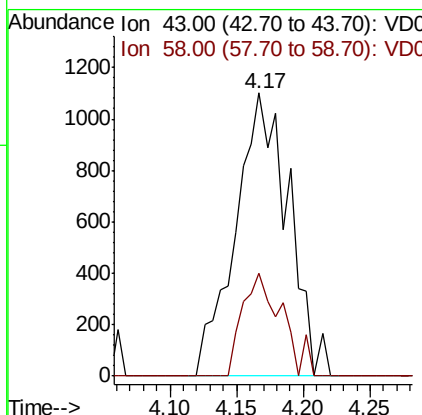
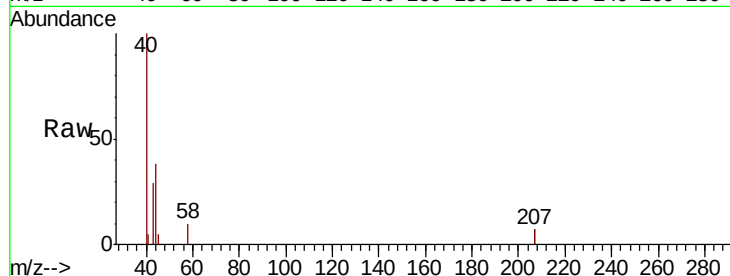




#16
Acetone
Concen: 3.116 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

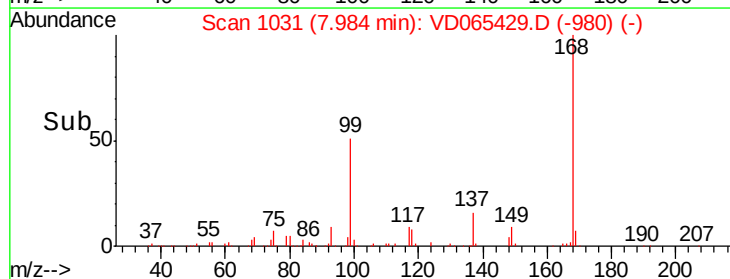
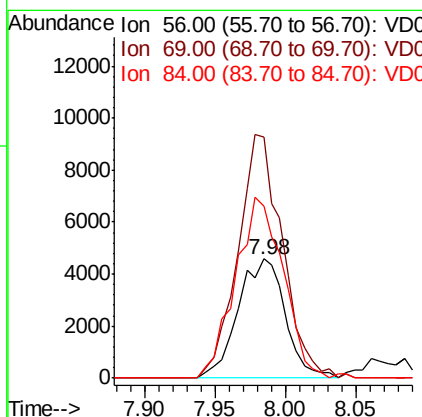
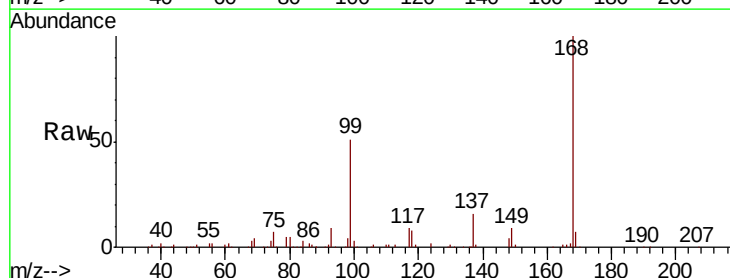
Instrument :
MSVOA_D
ClientSampleId :

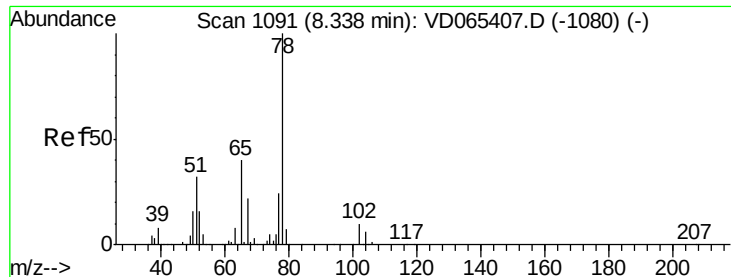
Tot Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
58 36.3 25.1 37.7



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

Tgt Ion: 56 Resp: 10729
Ion Ratio Lower Upper
56 100
69 202.3 28.3 42.5#
84 144.0 73.1 109.7#

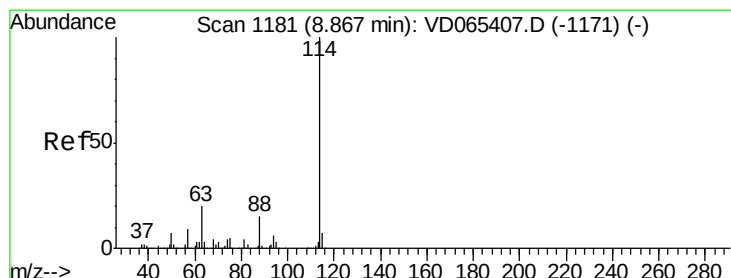
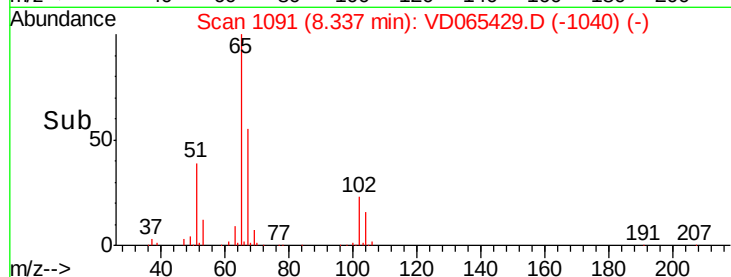
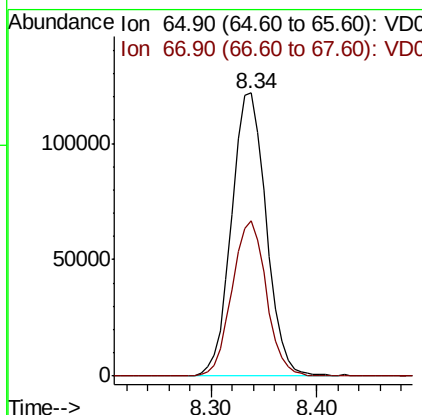
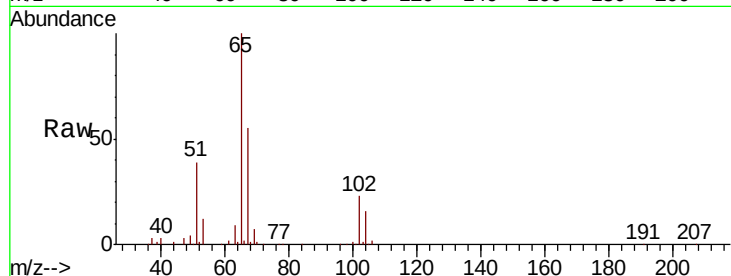




#33
 1,2-Dichloroethane-d4
 Concen: 57.419 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065429.D
 Acq: 05 Mar 2020 14:15

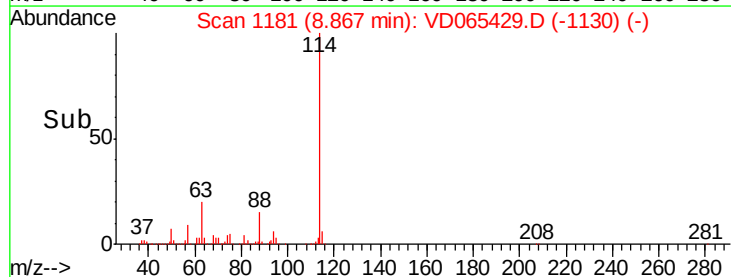
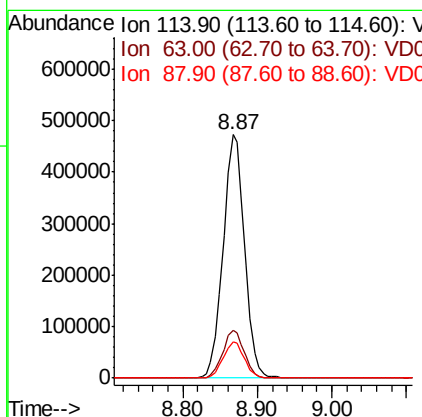
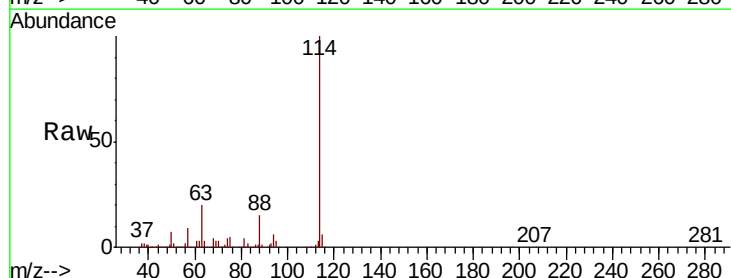
Instrument :
 MSVOA_D
 ClientSampled :

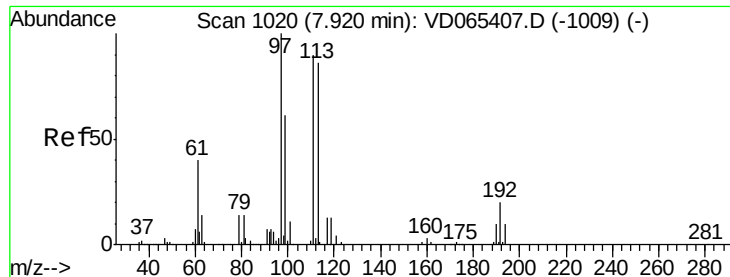
Tot Ion: 65 Resp: 276884
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065429.D
 Acq: 05 Mar 2020 14:15

Tgt Ion: 114 Resp: 948654
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 14.9 0.0 30.4

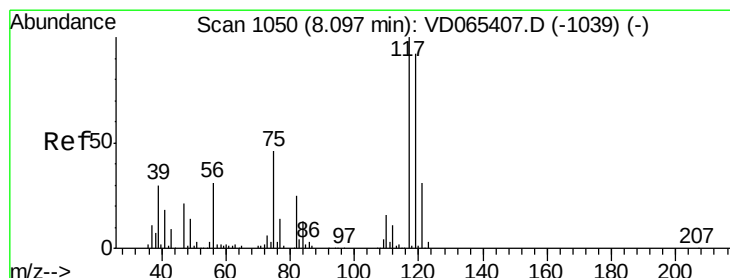
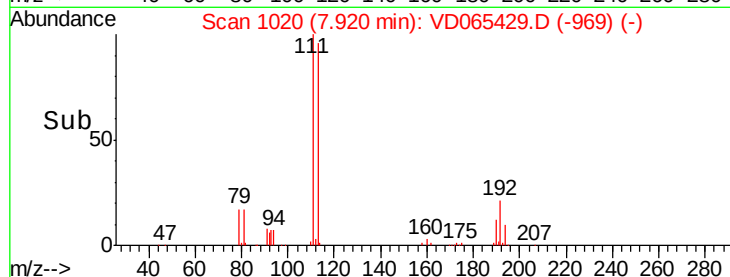
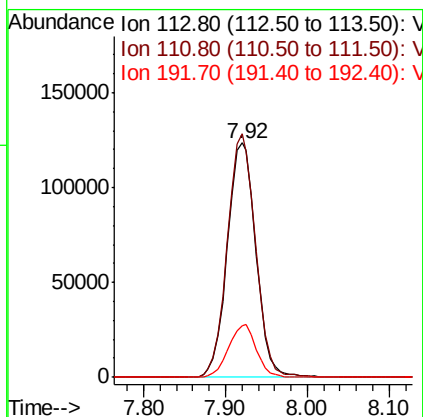
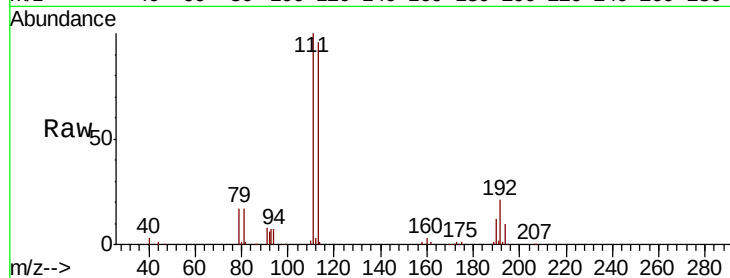




#35
Dibromofluoromethane
Concen: 51.199 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

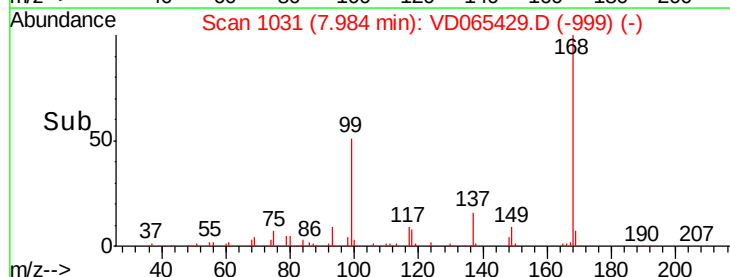
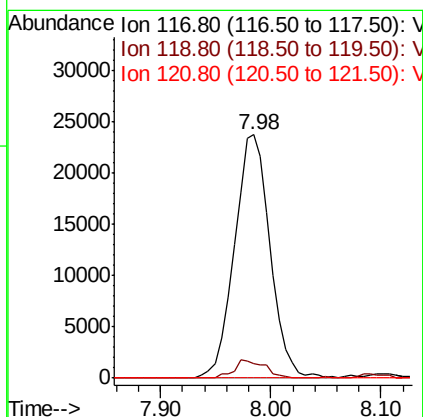
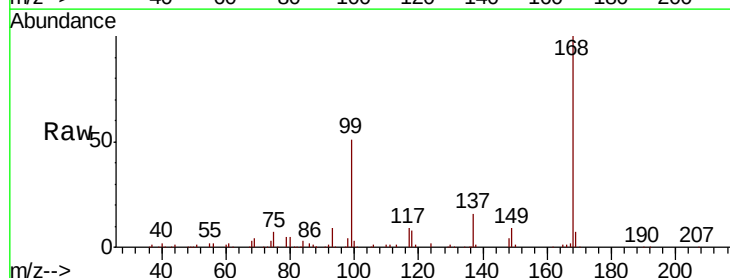
Instrument :
MSVOA_D
ClientSampleId :

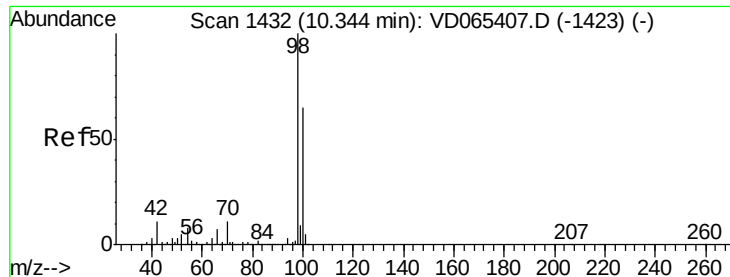
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.0	17.2	25.8



#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	73.3	109.9#
121	0.0	25.0	37.4#





#50

Toluene-d8

Concen: 50.505 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

Instrument :

MSVOA_D

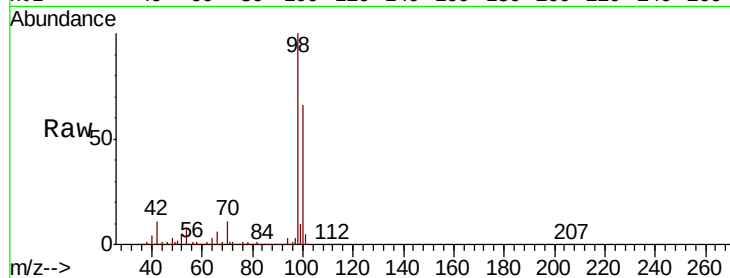
ClientSampleId :

Tot Ion: 98 Resp: 1136681

Ion Ratio Lower Upper

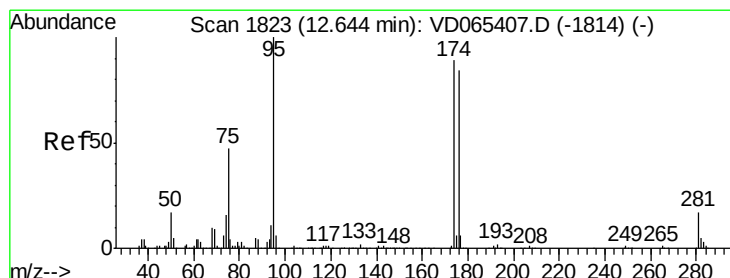
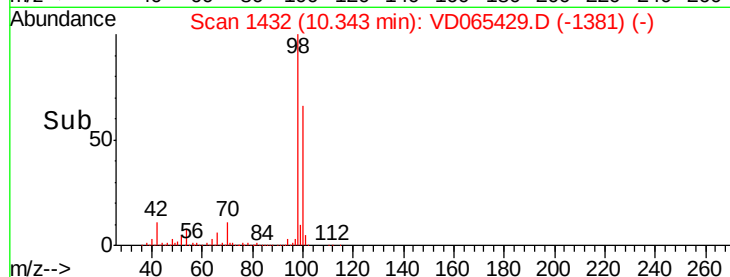
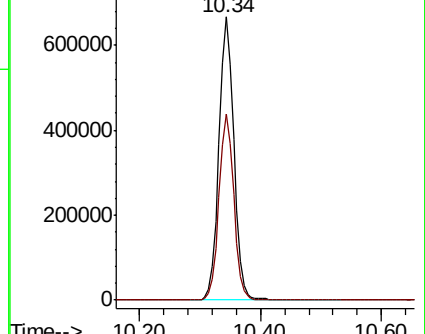
98 100

100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.187 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

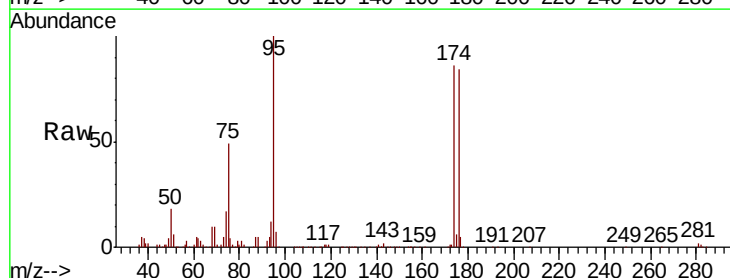
Tgt Ion: 95 Resp: 334798

Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.8

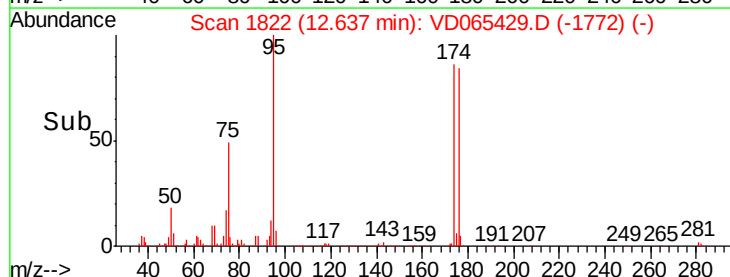
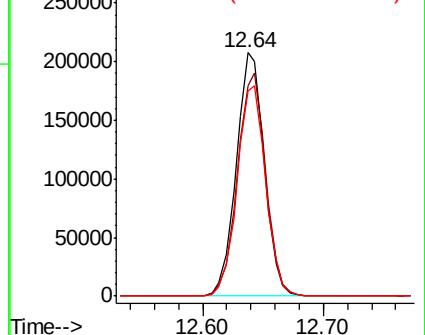
176 88.2 0.0 171.4

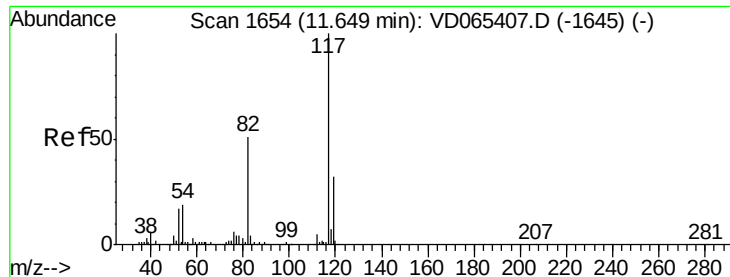


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

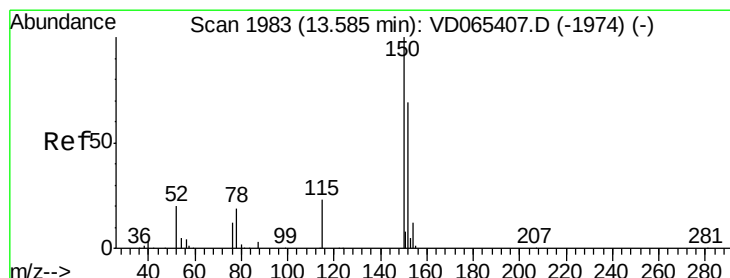
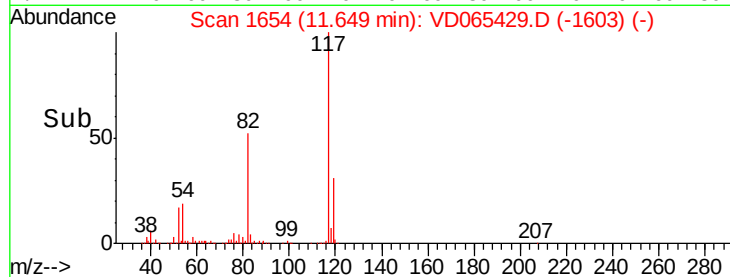
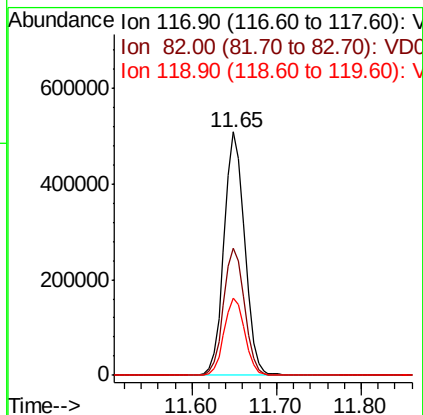
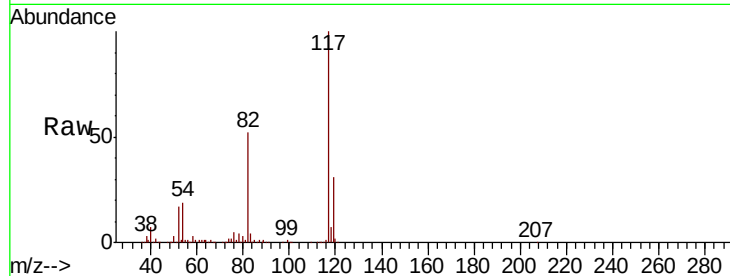




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

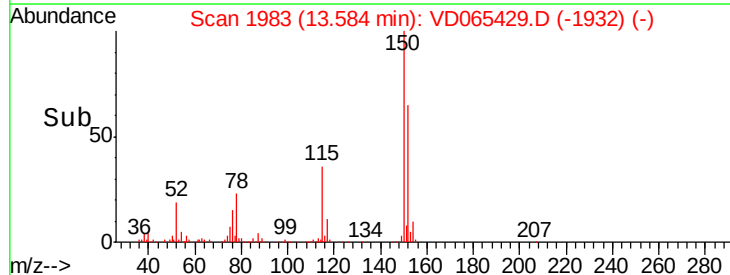
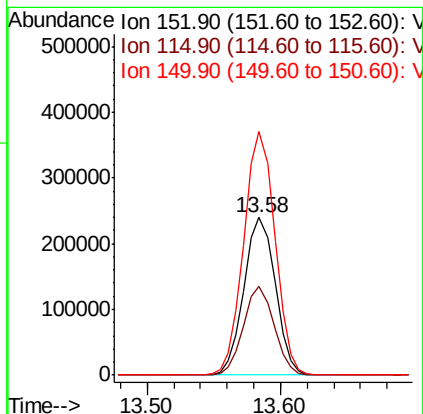
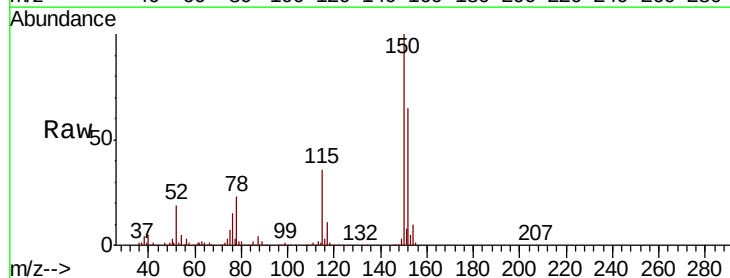
Instrument :
MSVOA_D
ClientSampleId :

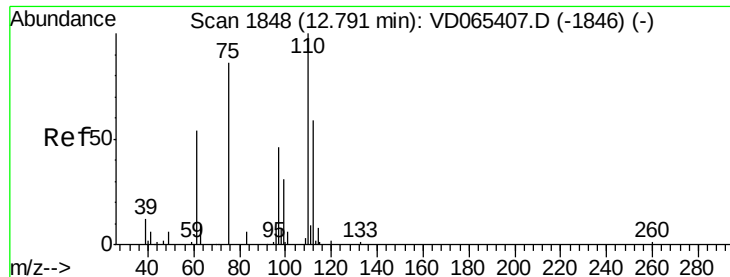
Tot Ion:117 Resp: 859048
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

Tgt Ion:152 Resp: 390544
Ion Ratio Lower Upper
152 100
115 54.6 27.6 82.8
150 153.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 53.492 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

Instrument :

MSVOA_D

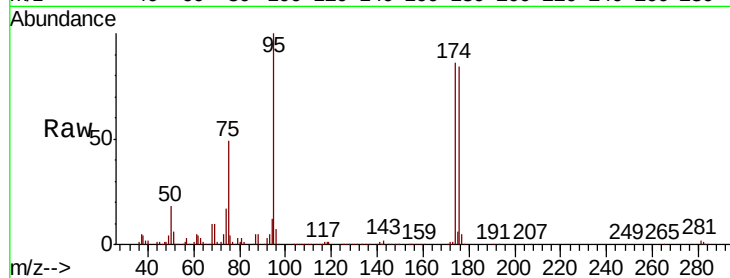
ClientSampleId :

Tot Ion: 75 Resp: 164846

Ion Ratio Lower Upper

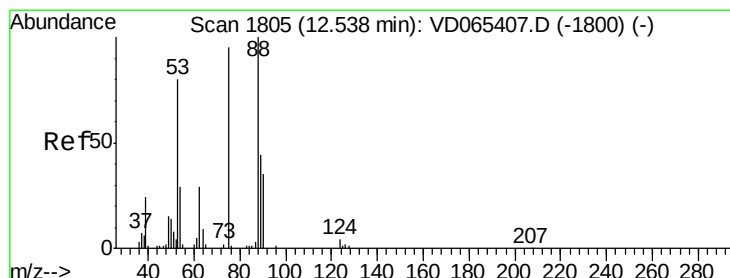
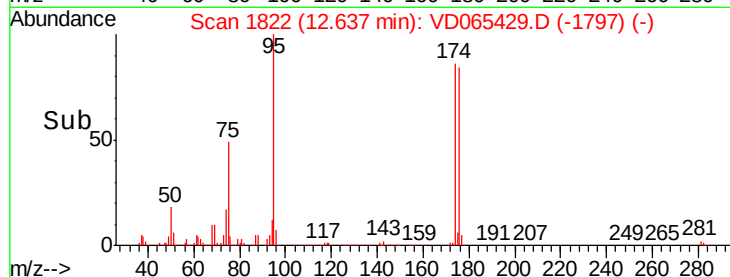
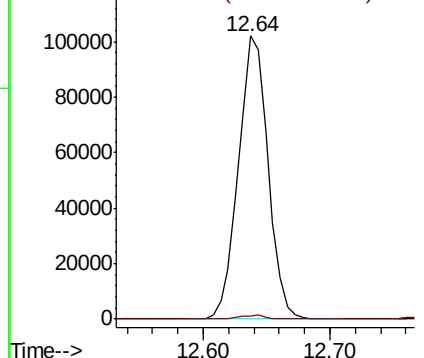
75 100

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: 112.883 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

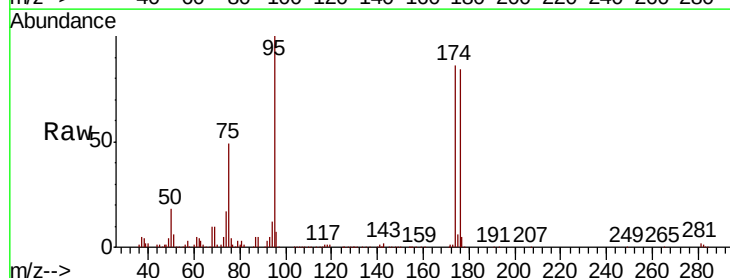
Tgt Ion: 75 Resp: 164846

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

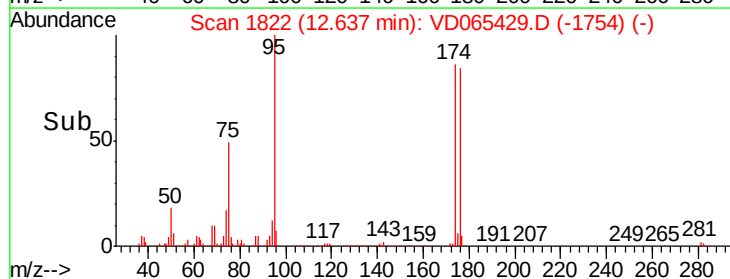
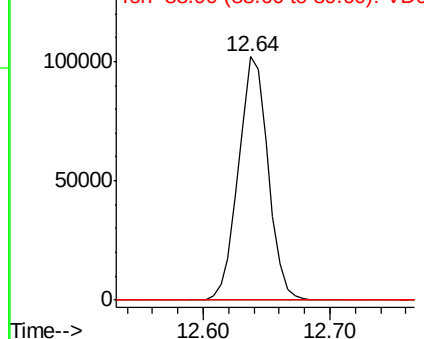
89 0.0 37.0 55.6#

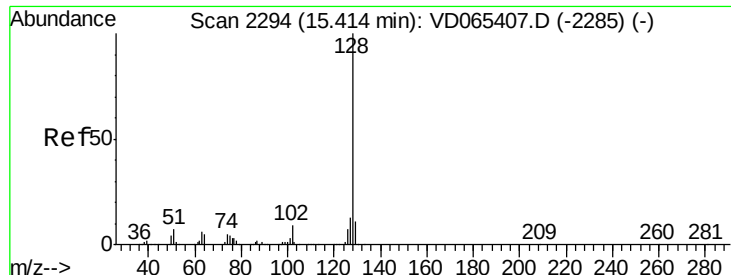


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#95

Naphthalene

Concen: 4.521 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

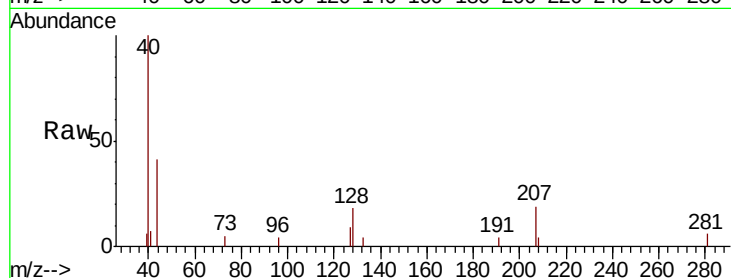
Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :



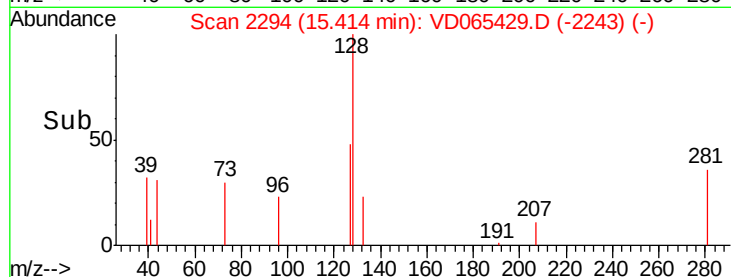
Tot Ion:128 Resp: 1573

Ion Ratio Lower Upper

128 100

127 24.9 10.6 16.0#

129 0.0 8.7 13.1#



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

