

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065445.D
 Acq On : 09 Mar 2020 12:55
 Operator : VA/SY
 Sample : L1844-01
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 10 12:20:29 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

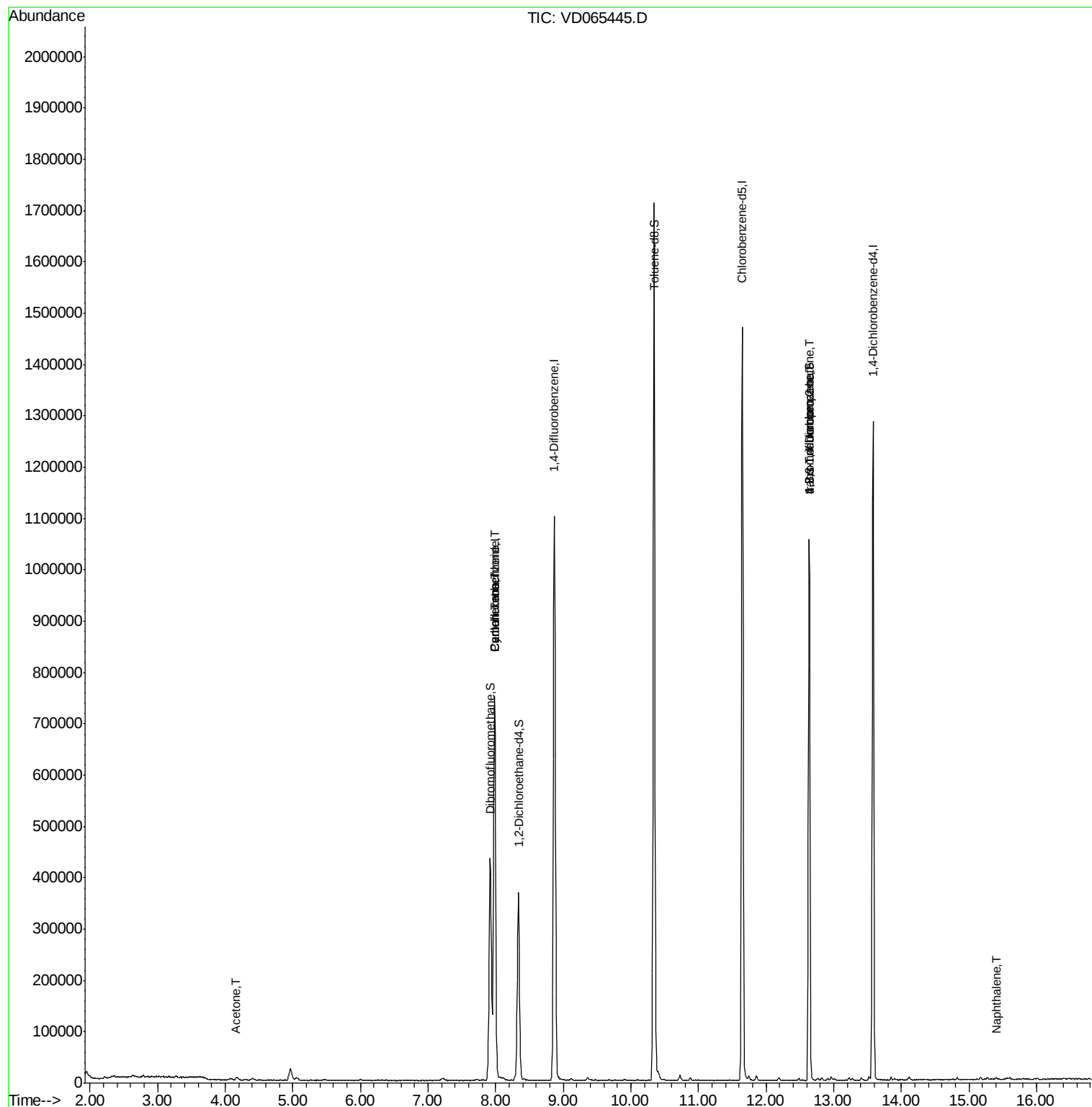
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	577213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	981473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	869461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	284141	57.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.78%	
35) Dibromofluoromethane	7.92	113	309319	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.34	98	1161986	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.64	95	337966	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.77	94	1464	Below Cal	#	81
16) Acetone	4.17	43	8543	8.531	ug/l	94
20) Methylene Chloride	4.97	84	16840	Below Cal		98
31) Cyclohexane	7.98	56	12876	1.310	ug/l #	12
38) Carbon Tetrachloride	7.98	117	53758	5.510	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	163673	58.608	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	163673	123.680	ug/l #	14
95) Naphthalene	15.41	128	2840	4.634	ug/l #	87

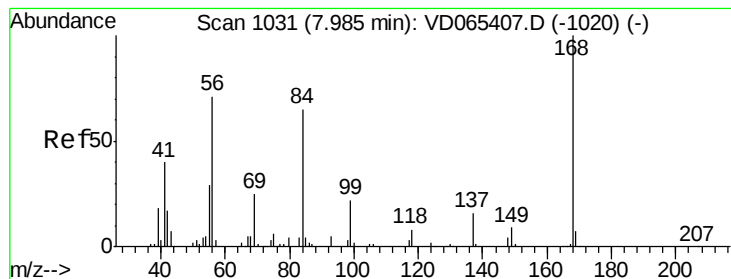
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030920\
Data File : VD065445.D
Acq On : 09 Mar 2020 12:55
Operator : VA/SY
Sample : L1844-01
Misc : 7.61G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 10 12:20:29 2020
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: VD065445.D

Acq: 09 Mar 2020 12:55

Instrument :

MSVOA_D

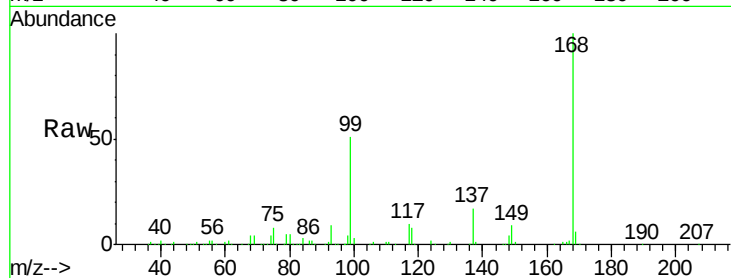
ClientSampleId :

Tot Ion:168 Resp: 577213

Ion Ratio Lower Upper

168 100

99 51.1 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

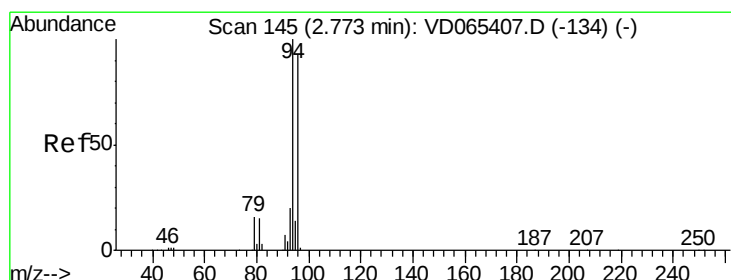
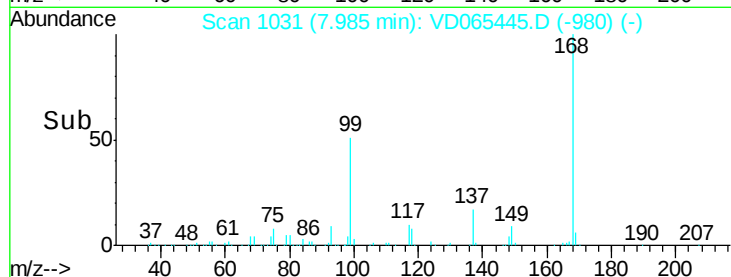
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065445.D

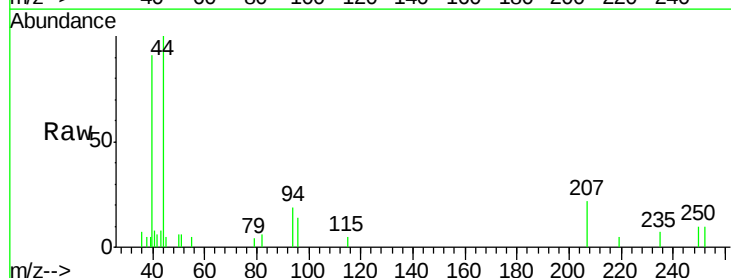
Acq: 09 Mar 2020 12:55

Tgt Ion: 94 Resp: 1464

Ion Ratio Lower Upper

94 100

96 74.3 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

800

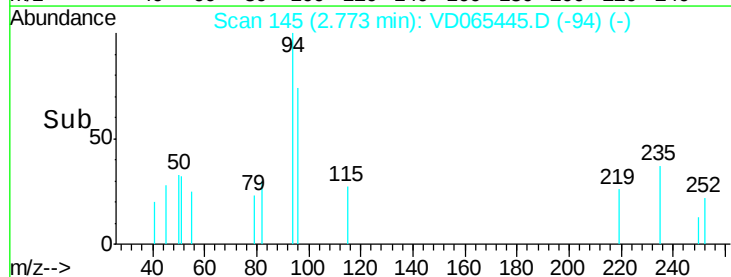
600

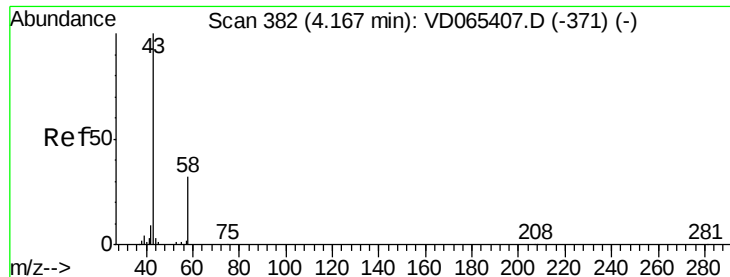
400

200

0

Time-->





#16

Acetone

Concen: 8.531 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065445.D

Acq: 09 Mar 2020 12:55

Instrument :

MSVOA_D

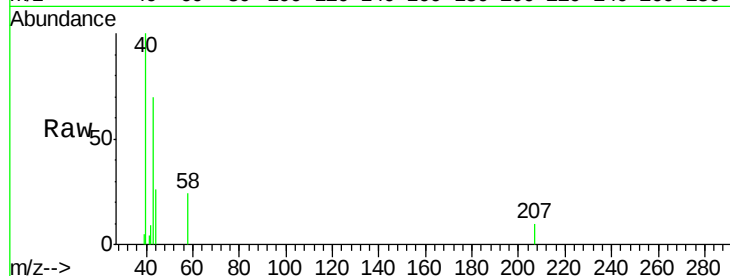
ClientSampleId :

Tot Ion: 43 Resp: 8543

Ion Ratio Lower Upper

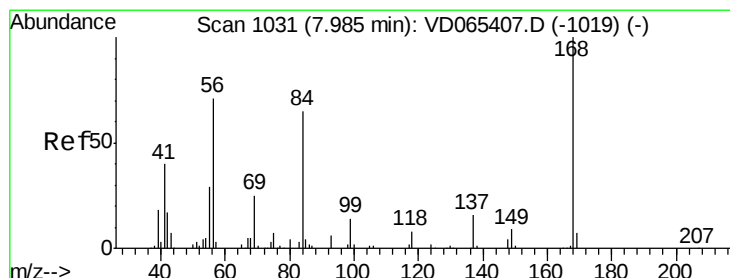
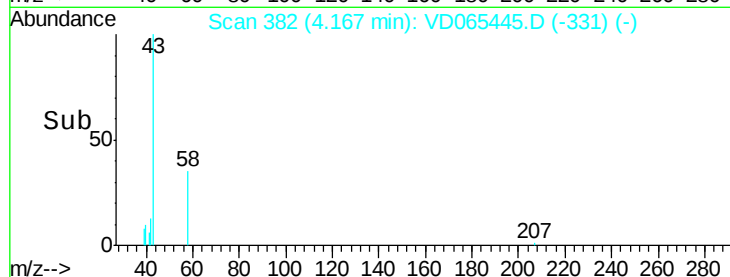
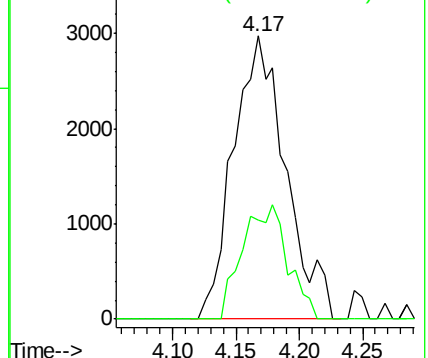
43 100

58 34.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.310 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065445.D

Acq: 09 Mar 2020 12:55

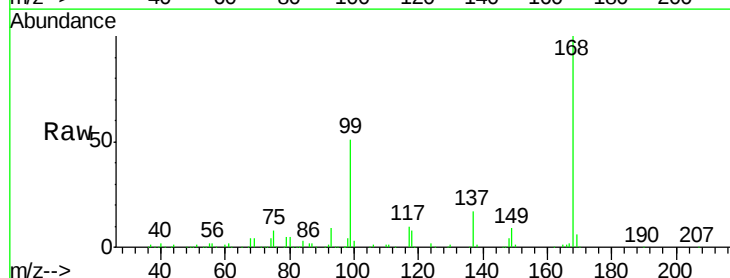
Tgt Ion: 56 Resp: 12876

Ion Ratio Lower Upper

56 100

69 160.3 28.3 42.5#

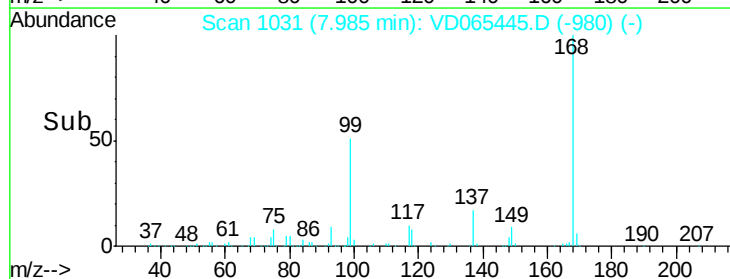
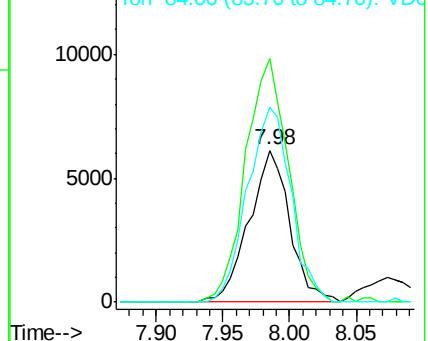
84 128.4 73.1 109.7#

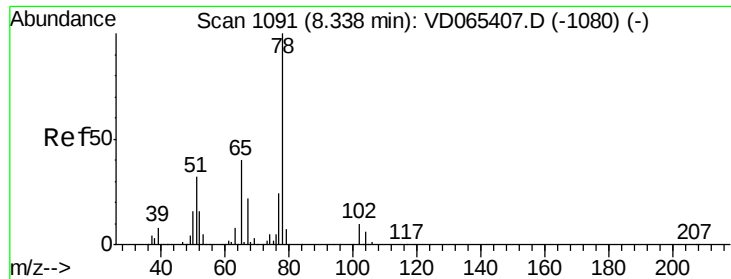


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

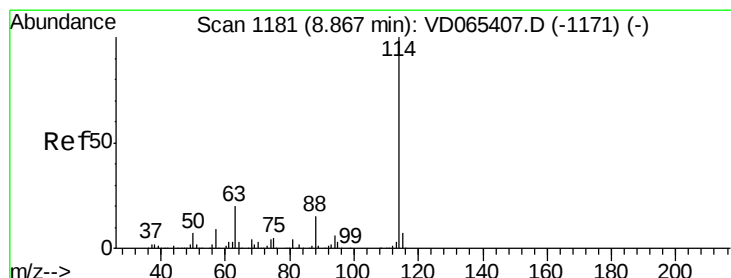
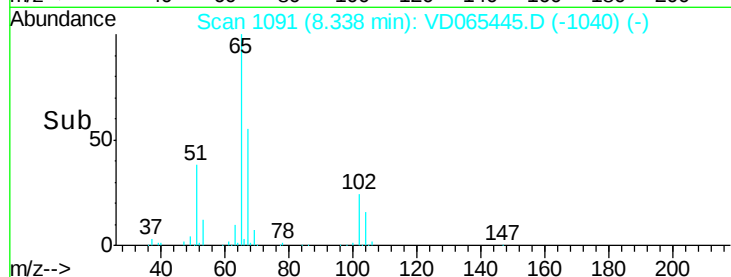
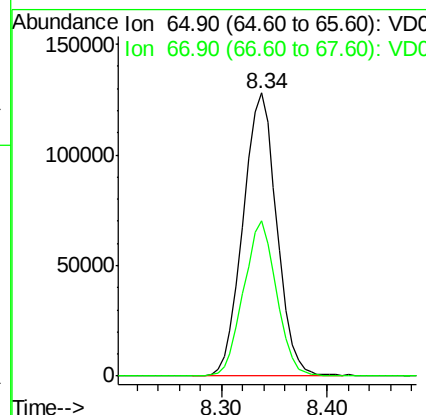
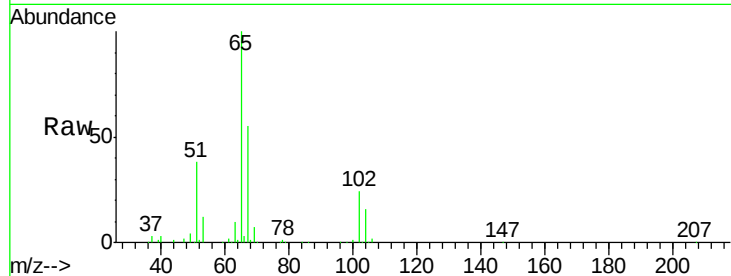




#33
 1,2-Dichloroethane-d4
 Concen: 57.387 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065445.D
 Acq: 09 Mar 2020 12:55

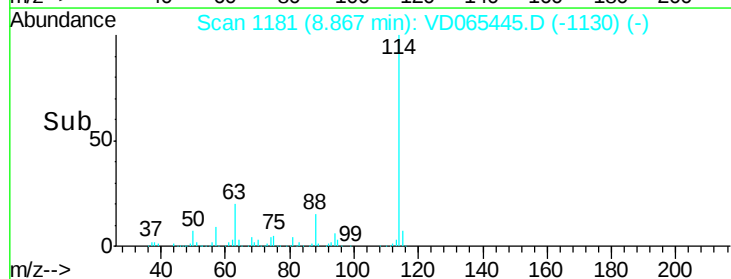
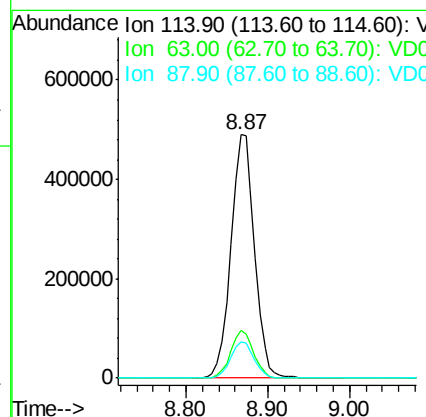
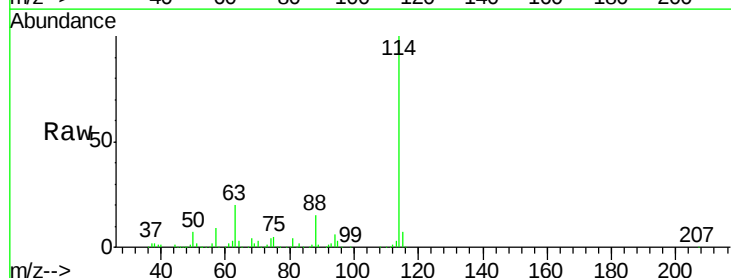
Instrument :
 MSVOA_D
 ClientSampled :

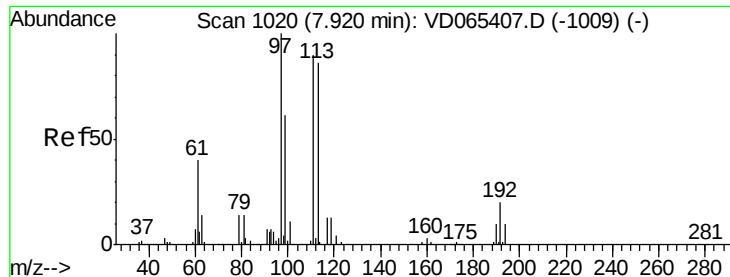
Tot Ion: 65 Resp: 284141
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065445.D
 Acq: 09 Mar 2020 12:55

Tgt Ion: 114 Resp: 981473
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.1 0.0 30.4

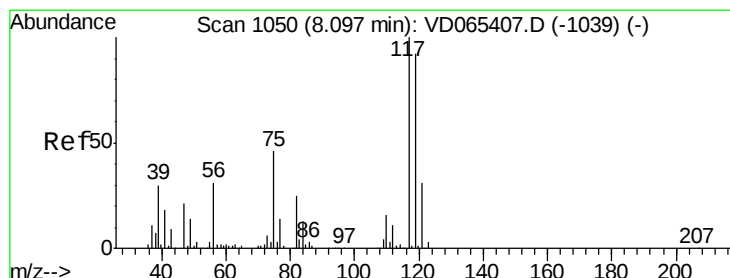
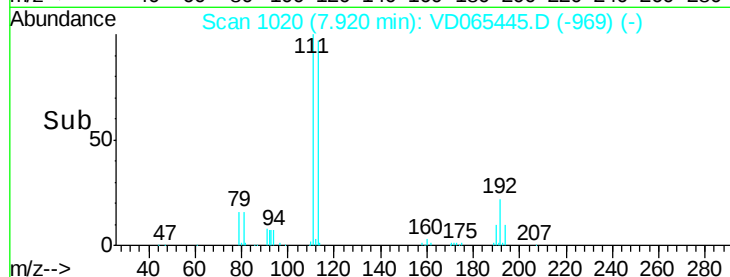
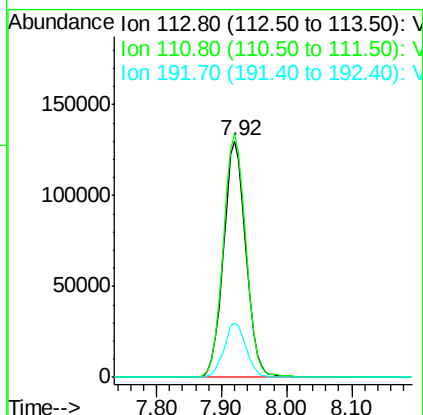
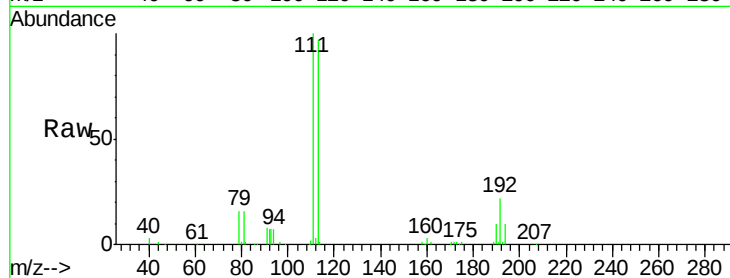




#35
Dibromofluoromethane
Concen: 50.963 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065445.D
Acq: 09 Mar 2020 12:55

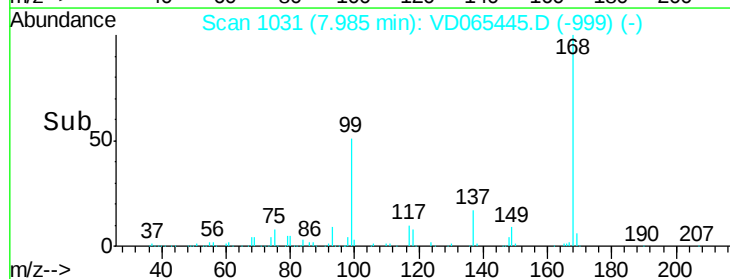
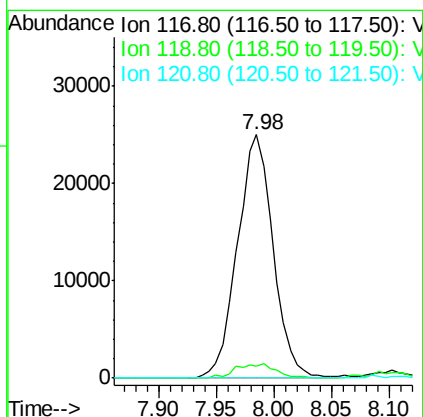
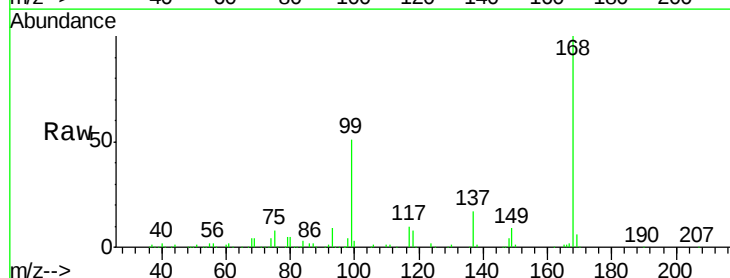
Instrument :
MSVOA_D
ClientSampleId :

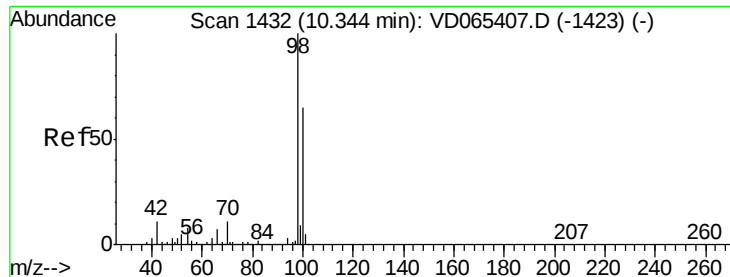
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.1	123.1
192	22.7	17.2	25.8



#38
Carbon Tetrachloride
Concen: 5.510 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065445.D
Acq: 09 Mar 2020 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	73.3	109.9#
121	0.0	25.0	37.4#





#50

Toluene-d8

Concen: 49.903 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065445.D

Acq: 09 Mar 2020 12:55

Instrument :

MSVOA_D

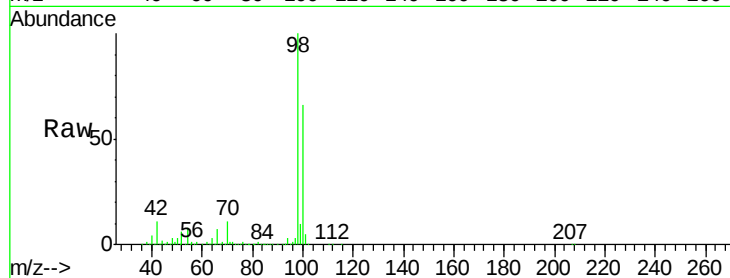
ClientSampleId :

Tot Ion: 98 Resp: 1161986

Ion Ratio Lower Upper

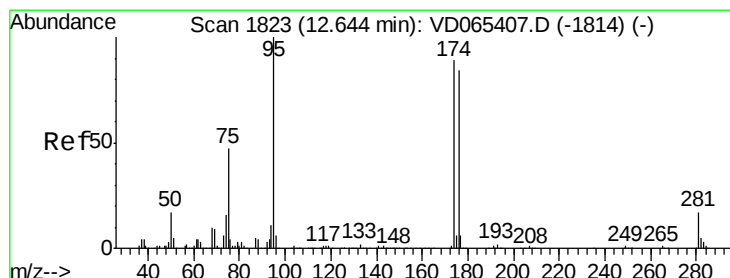
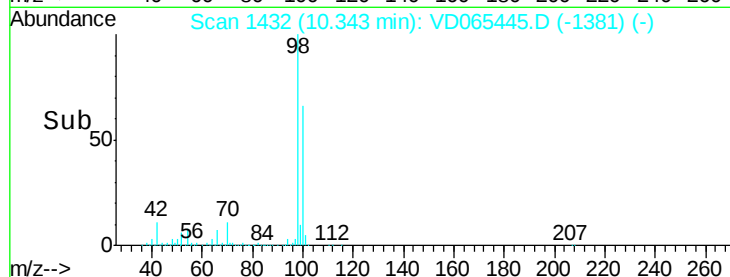
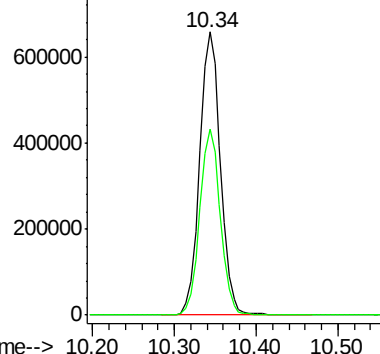
98 100

100 65.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD065407.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065407.D (-1423) (-)



#62

4-Bromofluorobenzene

Concen: 47.017 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065445.D

Acq: 09 Mar 2020 12:55

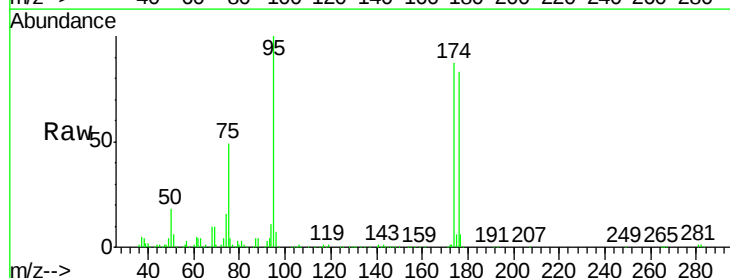
Tgt Ion: 95 Resp: 337966

Ion Ratio Lower Upper

95 100

174 90.6 0.0 176.8

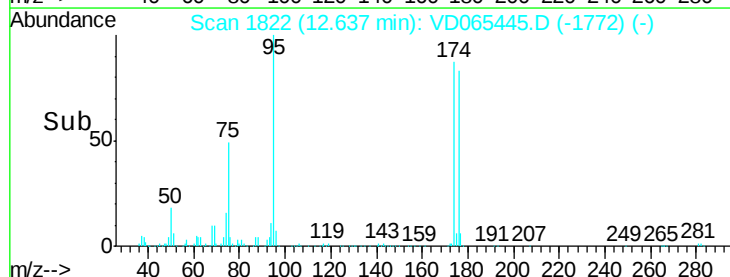
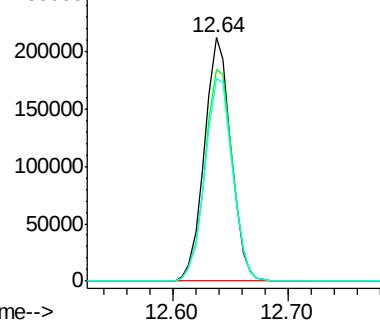
176 86.8 0.0 171.4

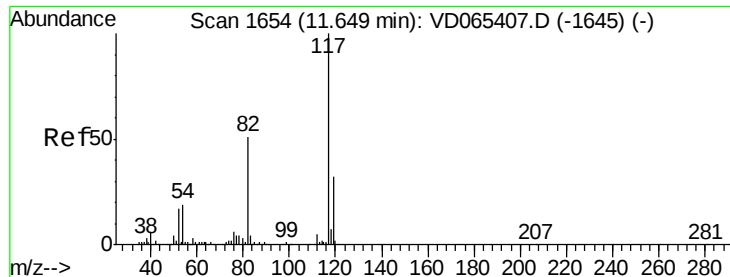


Abundance Ion 94.90 (94.60 to 95.60): VD065407.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065407.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065407.D (-1814) (-)

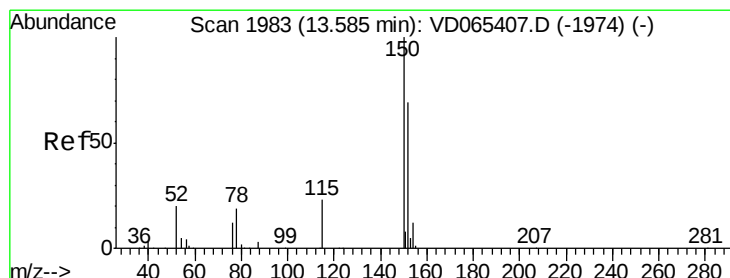
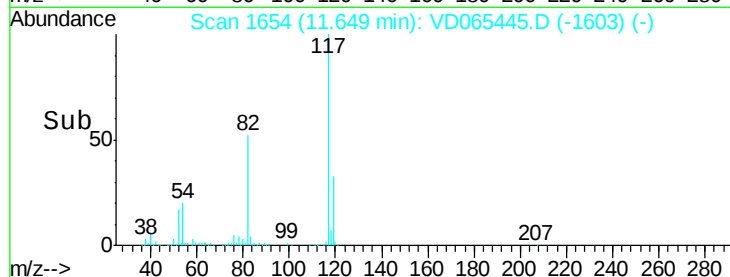
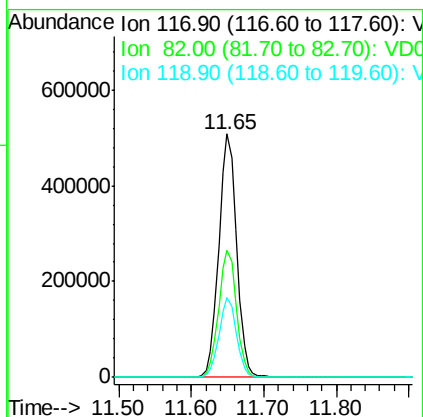
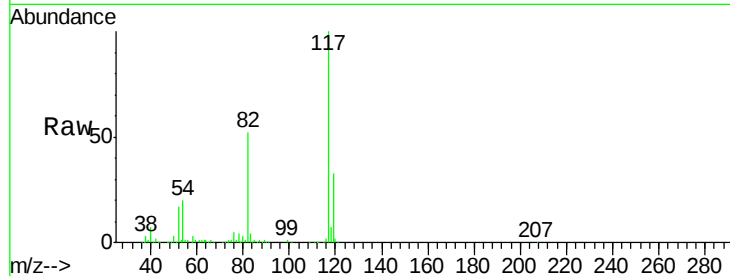




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065445.D
Acq: 09 Mar 2020 12:55

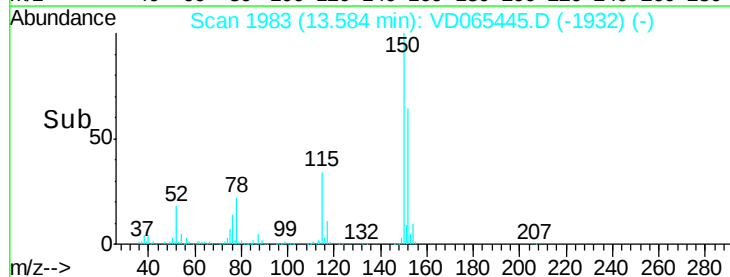
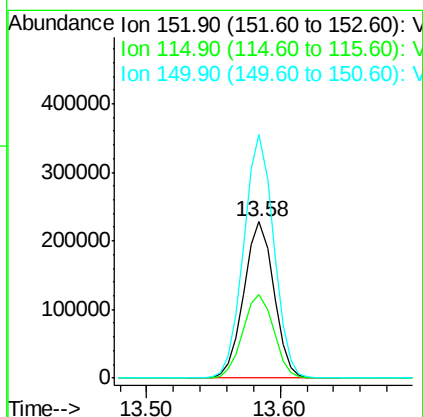
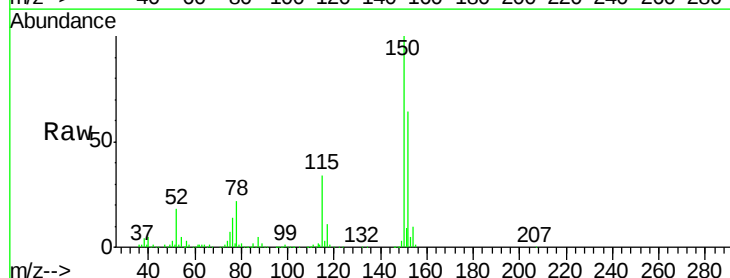
Instrument :
MSVOA_D
ClientSampleId :

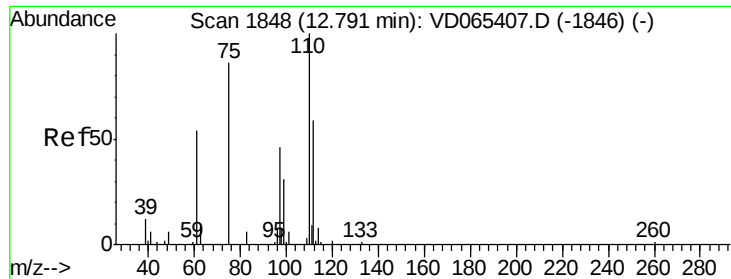
Tot Ion:117 Resp: 869461
Ion Ratio Lower Upper
117 100
82 52.3 40.6 60.8
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065445.D
Acq: 09 Mar 2020 12:55

Tgt Ion:152 Resp: 353914
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 58.608 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065445.D

Acq: 09 Mar 2020 12:55

Instrument :

MSVOA_D

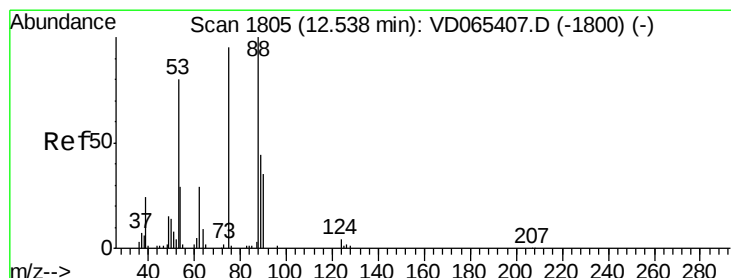
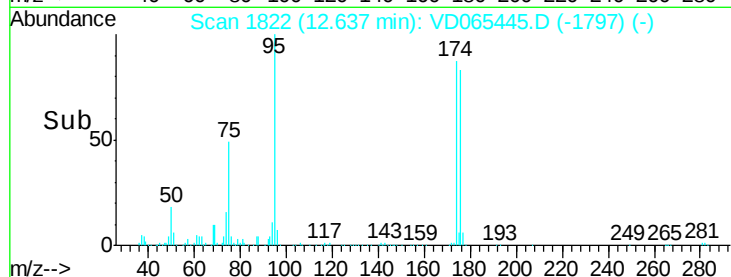
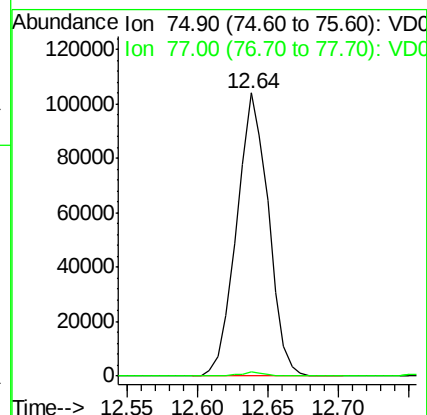
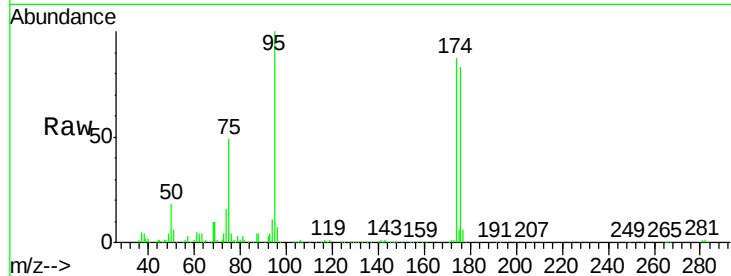
ClientSampleId :

Tot Ion: 75 Resp: 163673

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.680 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065445.D

Acq: 09 Mar 2020 12:55

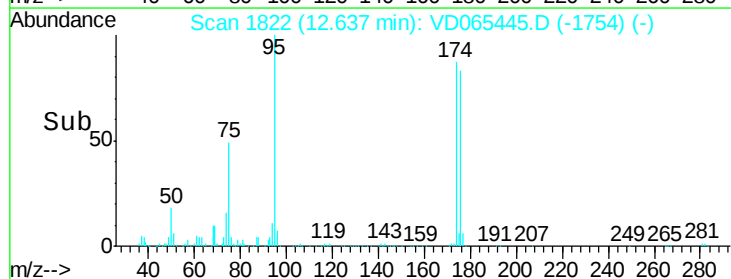
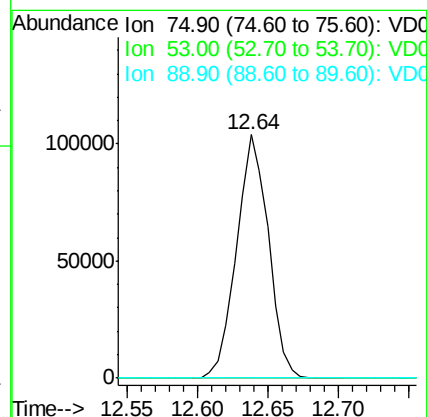
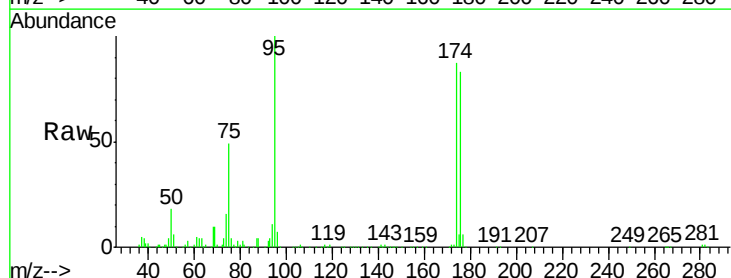
Tgt Ion: 75 Resp: 163673

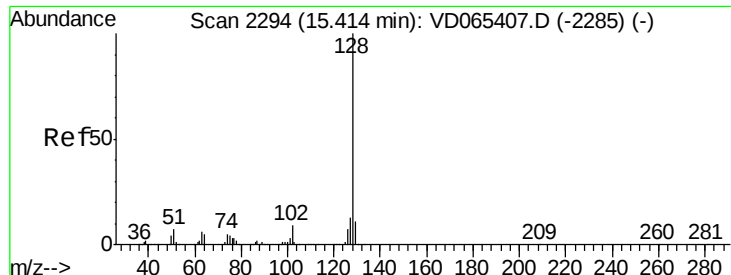
Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 4.634 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

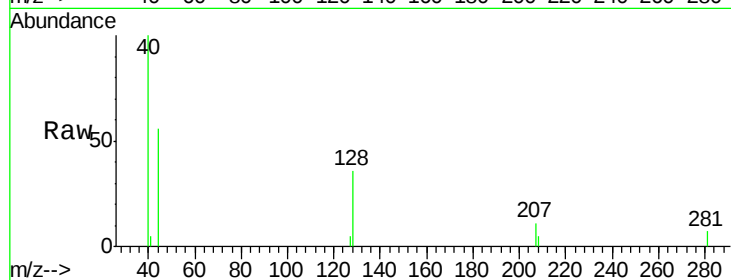
Lab File: VD065445.D

Acq: 09 Mar 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :



Tot Ion:	128	Resp:	2840
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	16.0
129	2.0	8.7	13.1#

