

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065268.D
 Acq On : 21 Feb 2020 11:37
 Operator : VA/SY
 Sample : VD0221SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 02:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

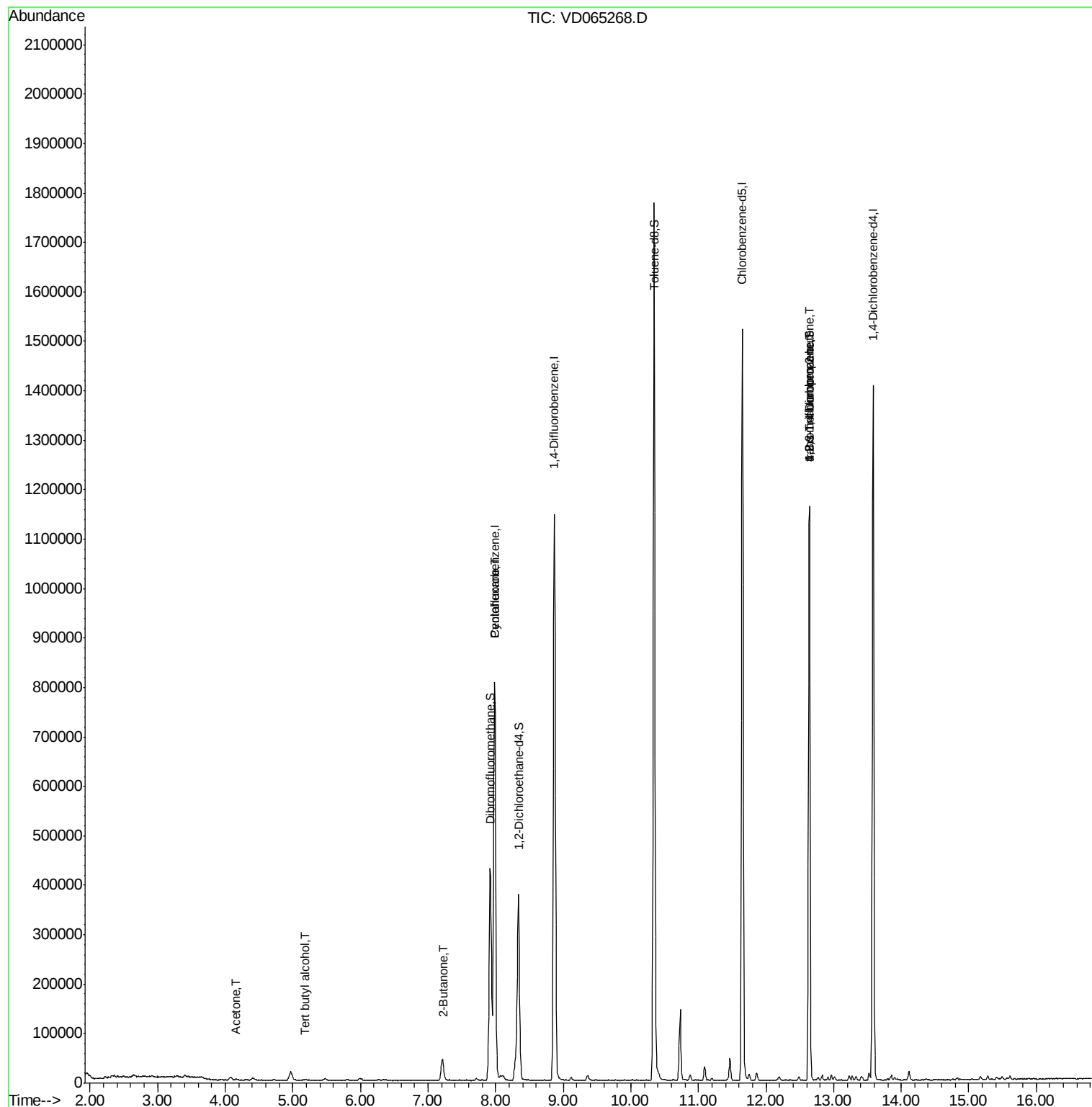
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	618570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1004416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	892634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	391183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	294939	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
35) Dibromofluoromethane	7.92	113	312083	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.34	98	1201227	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.64	95	352252	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	1915	5.759	ug/l #	72
13) Acrolein	3.93	56	304	Below Cal	#	43
16) Acetone	4.16	43	1821	1.339	ug/l	94
20) Methylene Chloride	4.97	84	12704	Below Cal		90
25) 2-Butanone	7.23	43	2800	1.627	ug/l #	49
31) Cyclohexane	7.99	56	16007	1.463	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	175423	52.707	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	175423	113.803	ug/l #	11

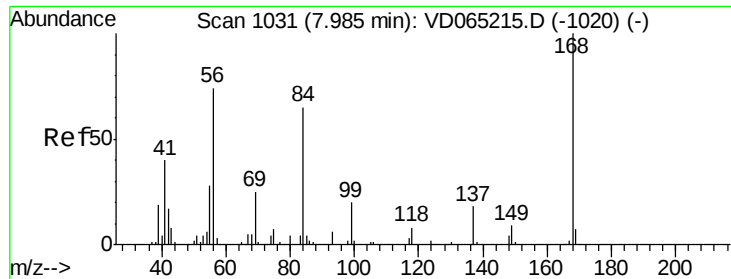
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 03:26:54 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: VD065268.D

Acq: 21 Feb 2020 11:37

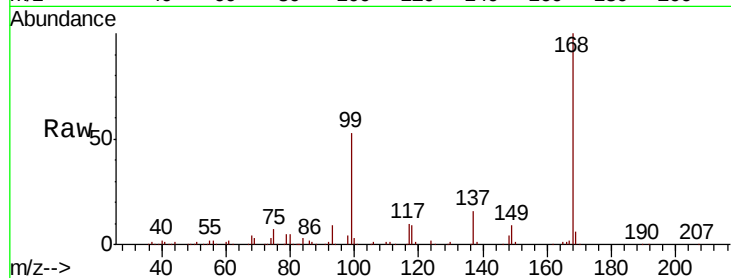
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 618570

Ion Ratio Lower Upper

168 100

99 52.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

300000

250000

200000

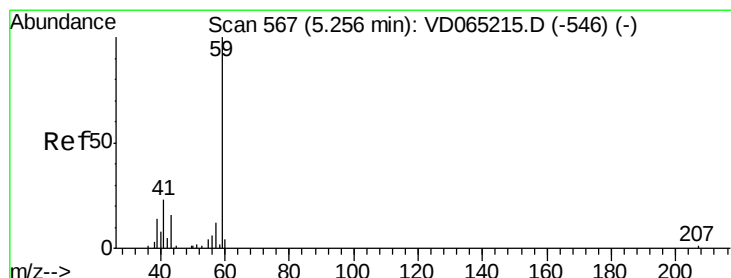
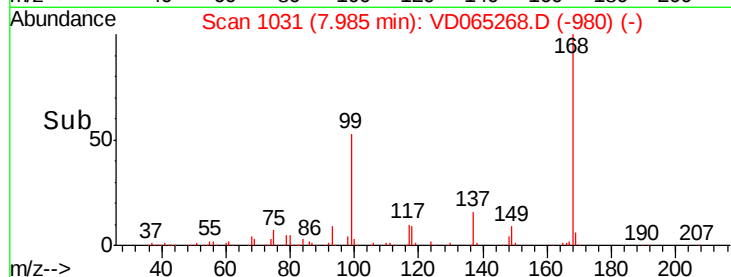
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.759 ug/l

RT: 5.19 min Scan# 555

Delta R.T. -0.07 min

Lab File: VD065268.D

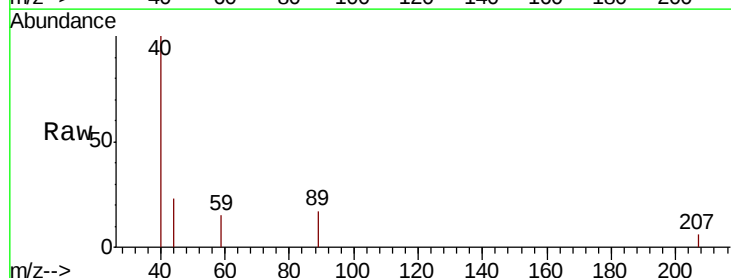
Acq: 21 Feb 2020 11:37

Tgt Ion: 59 Resp: 1915

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.19

800

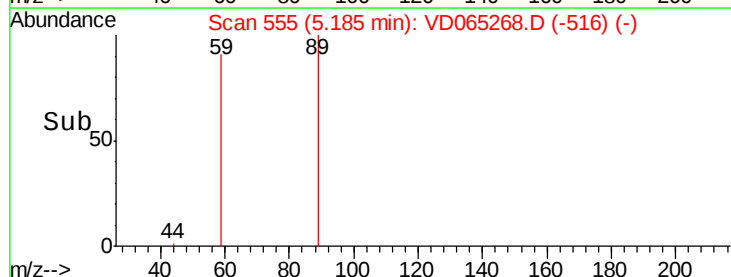
600

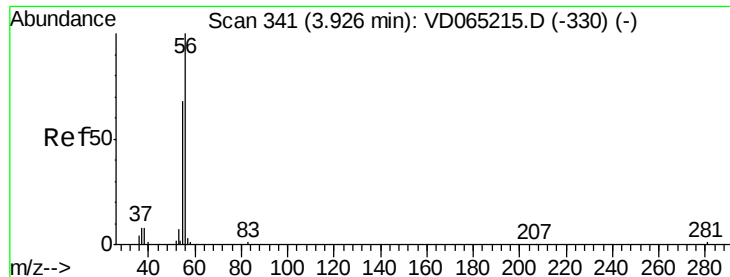
400

200

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065268.D

Acq: 21 Feb 2020 11:37

Instrument :

MSVOA_D

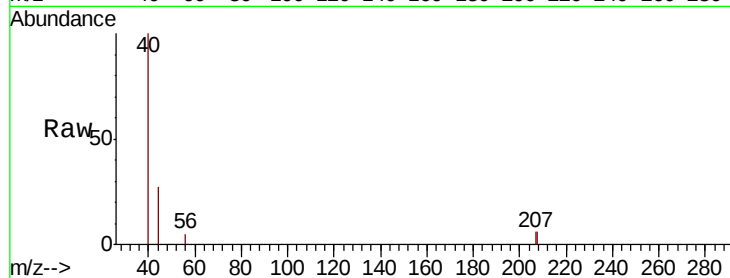
ClientSampleId :

Tot Ion: 56 Resp: 304

Ion Ratio Lower Upper

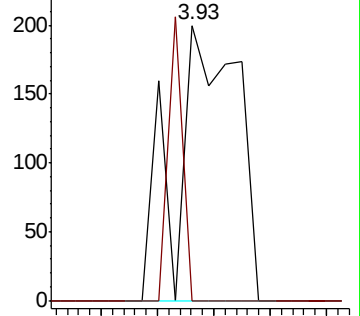
56 100

55 24.0 56.6 85.0#

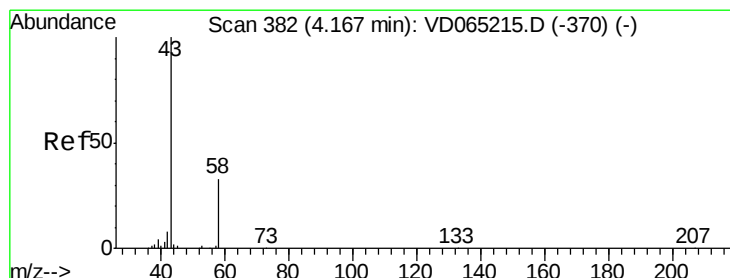
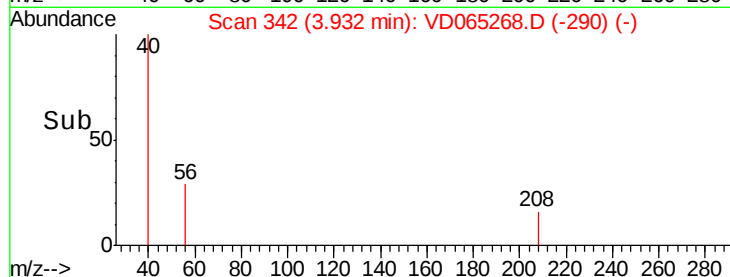


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#16

Acetone

Concen: 1.339 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065268.D

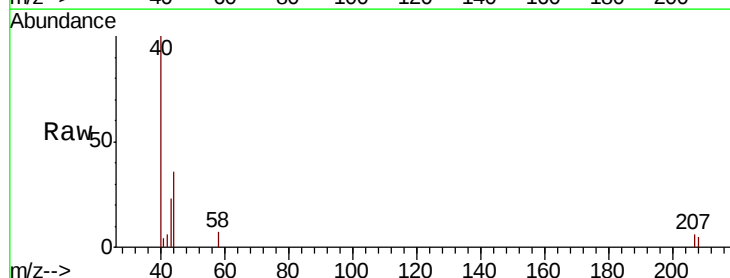
Acq: 21 Feb 2020 11:37

Tgt Ion: 43 Resp: 1821

Ion Ratio Lower Upper

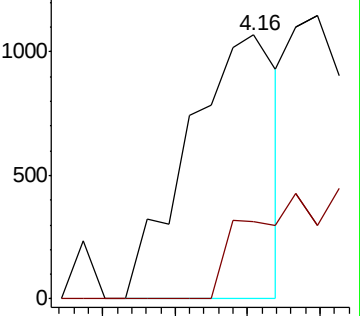
43 100

58 29.5 26.2 39.2

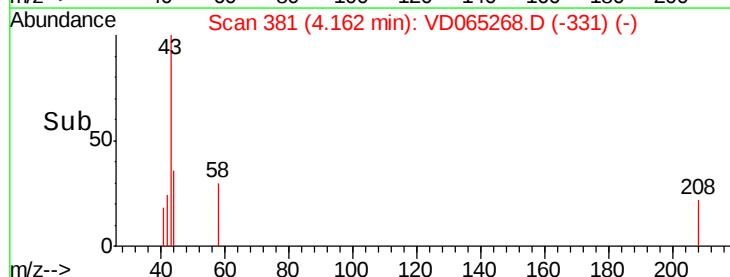


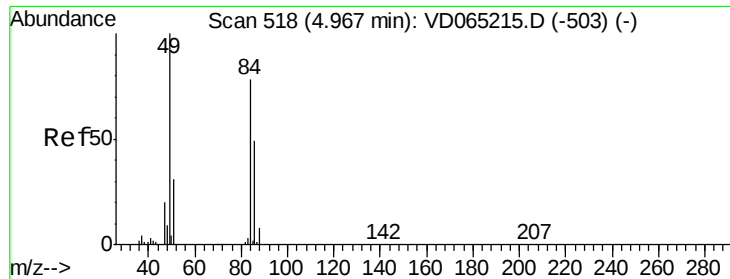
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->

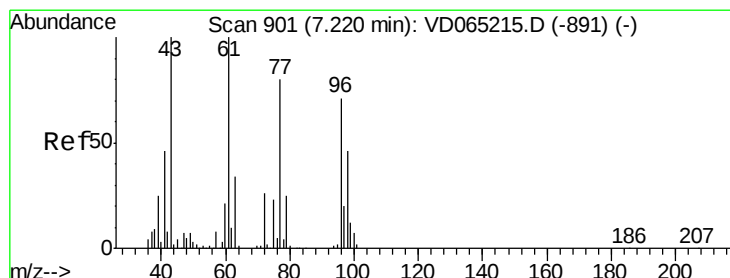
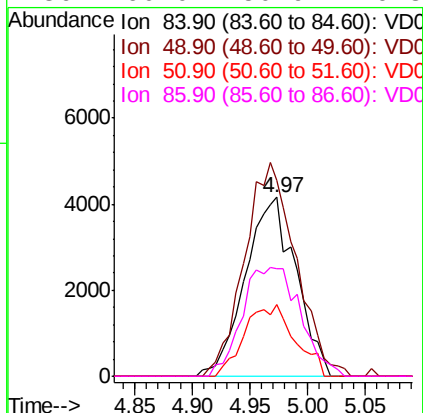
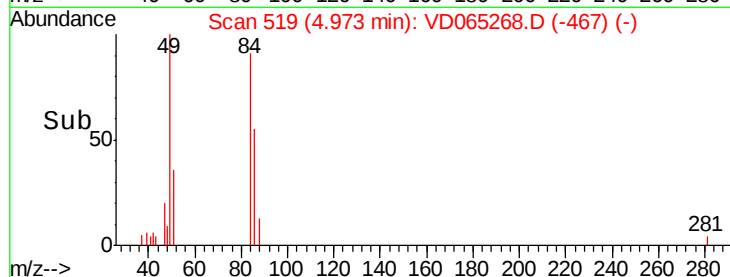
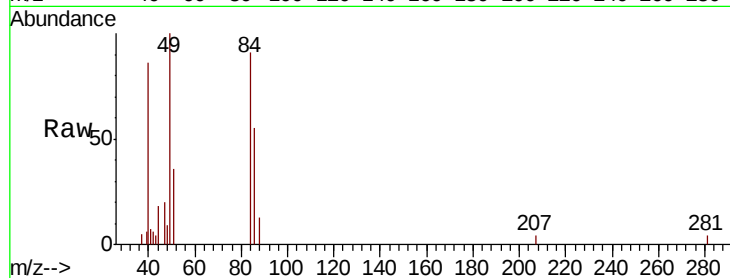




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

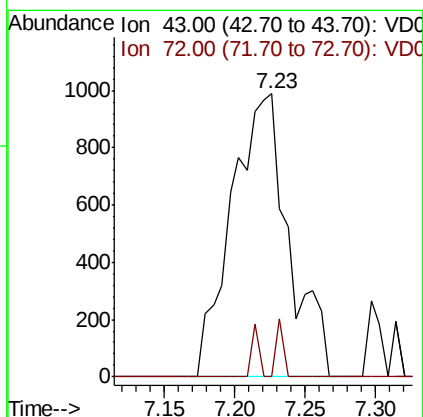
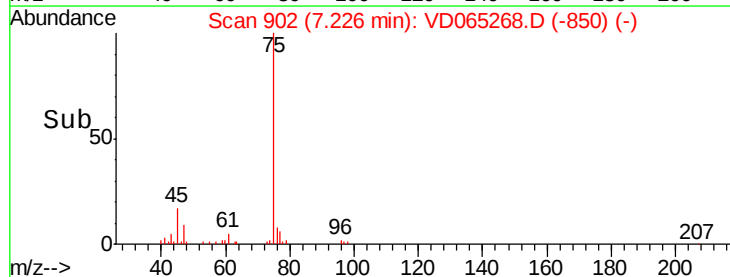
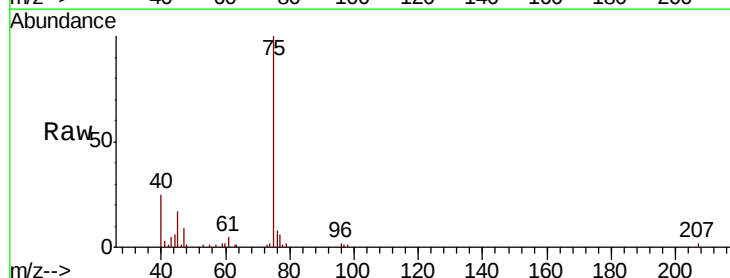
Instrument :
MSVOA_D
ClientSampleId :

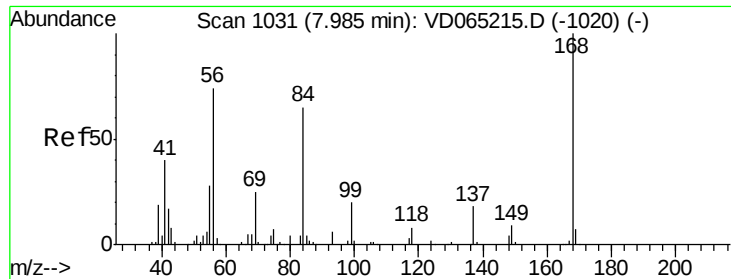
Tot Ion: 84 Resp: 12704
Ion Ratio Lower Upper
84 100
49 109.8 103.1 154.7
51 39.8 31.7 47.5
86 60.0 50.9 76.3



#25
2-Butanone
Concen: 1.627 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

Tgt Ion: 43 Resp: 2800
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#

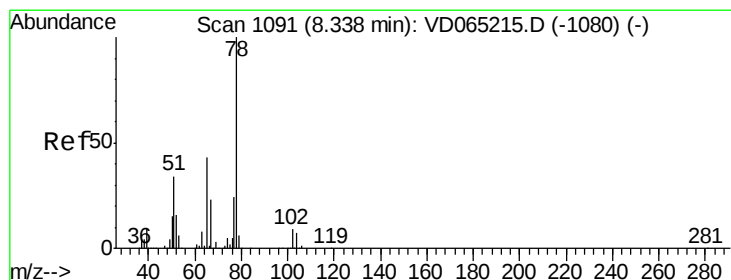
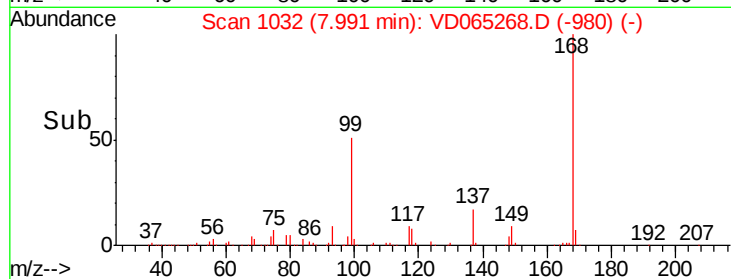
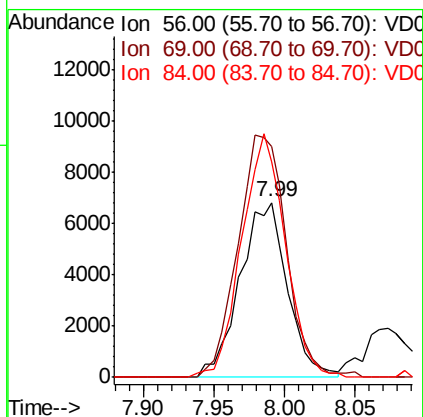
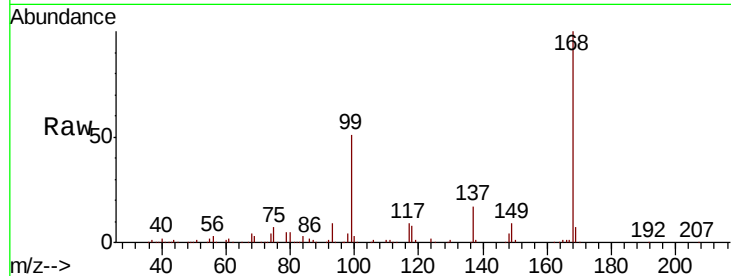




#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

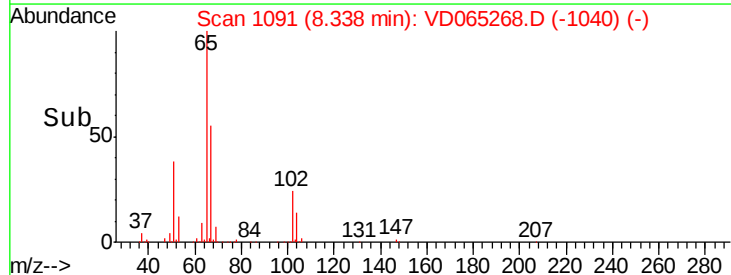
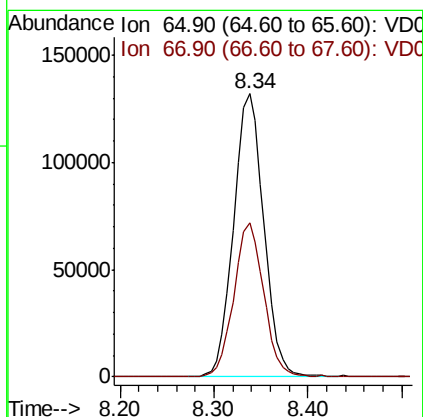
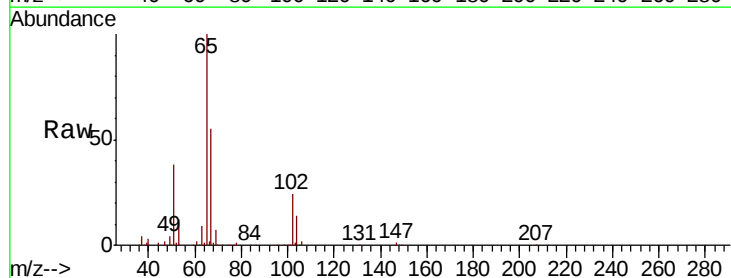
Instrument :
MSVOA_D
ClientSampleId :

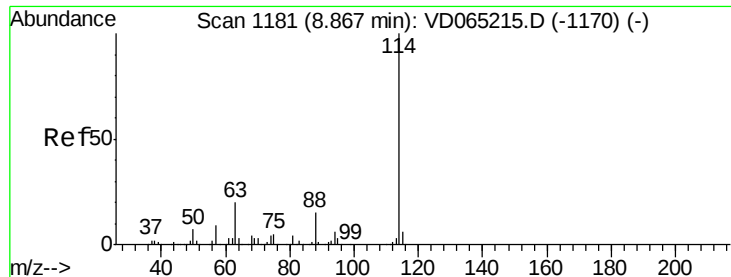
Tot Ion: 56 Resp: 16007
Ion Ratio Lower Upper
56 100
69 132.2 27.4 41.0#
84 123.2 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 53.002 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

Tgt Ion: 65 Resp: 294939
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065268.D

Acq: 21 Feb 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

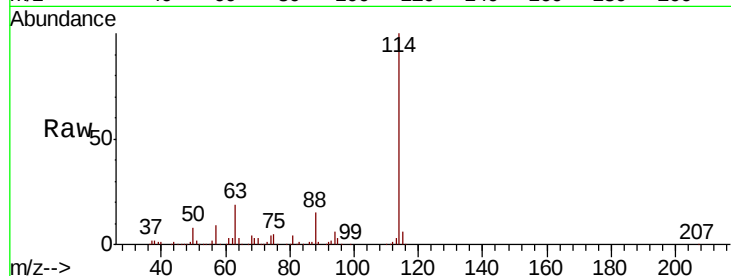
Tot Ion:114 Resp: 1004416

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

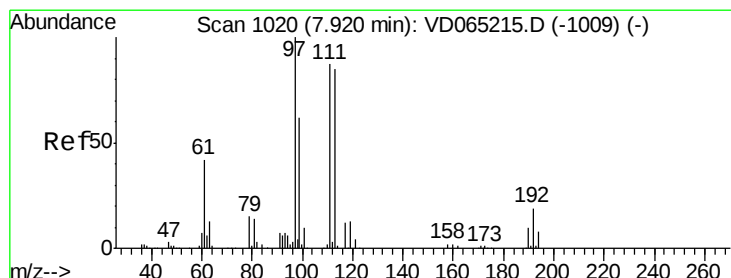
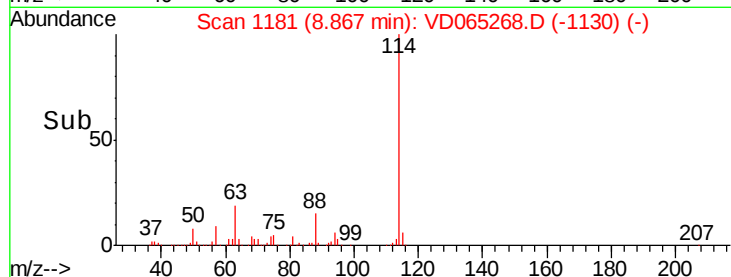
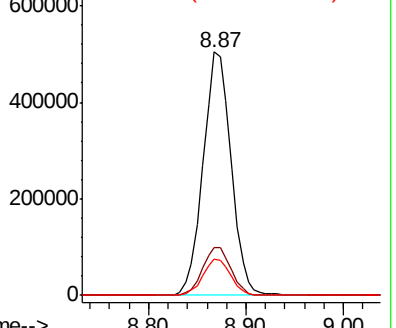
88 15.0 0.0 30.4



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: 50.958 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065268.D

Acq: 21 Feb 2020 11:37

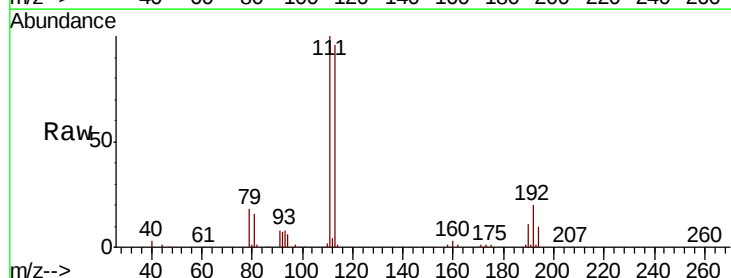
Tgt Ion:113 Resp: 312083

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

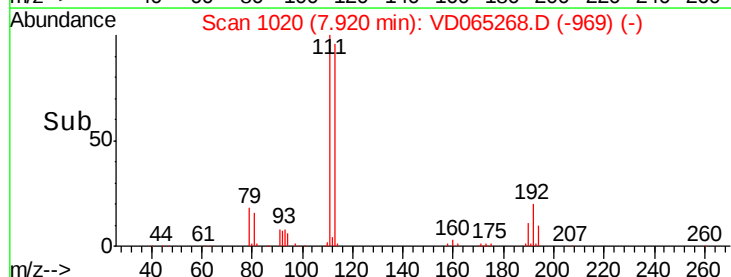
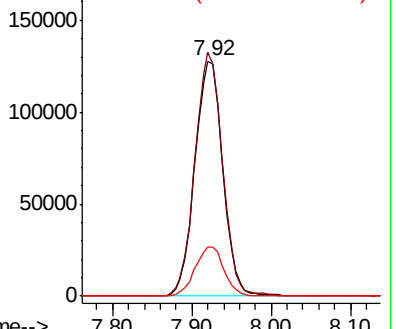
192 21.6 17.3 25.9

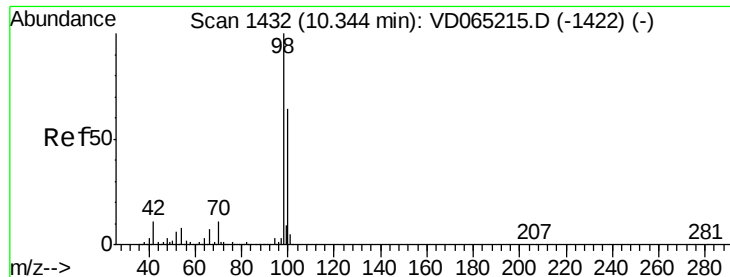


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

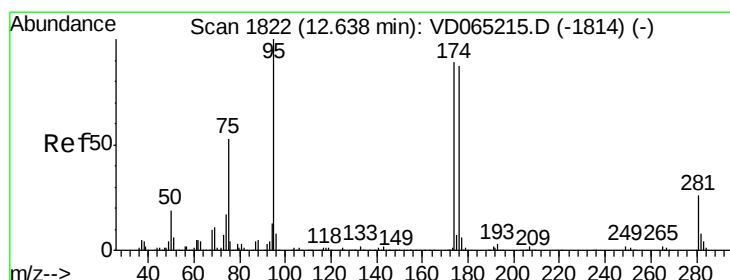
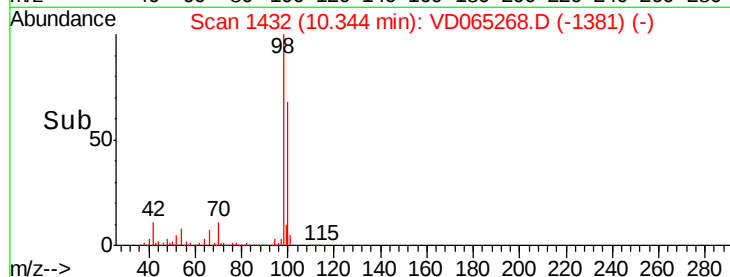
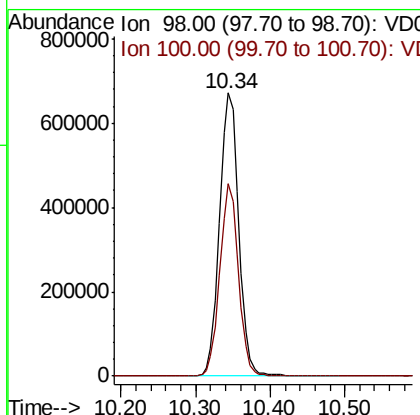
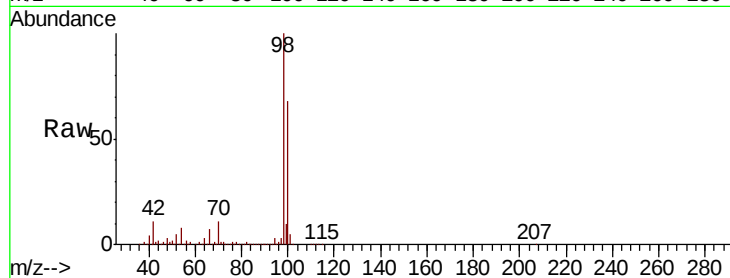




#50
Toluene-d8
Concen: 51.307 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

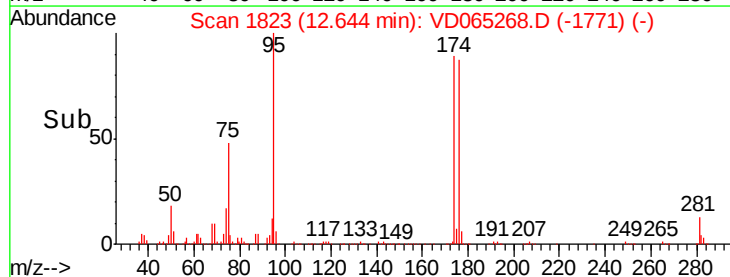
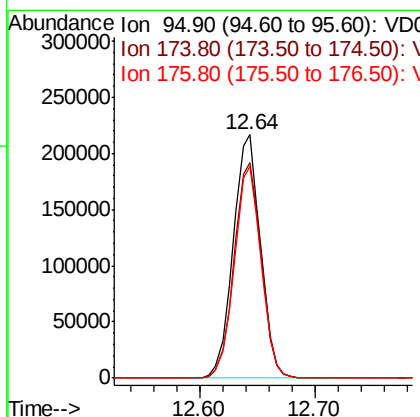
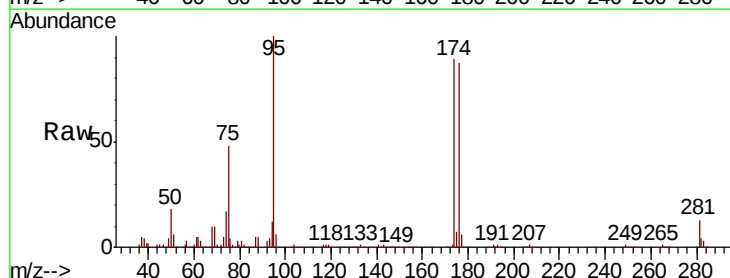
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MSVOA_D
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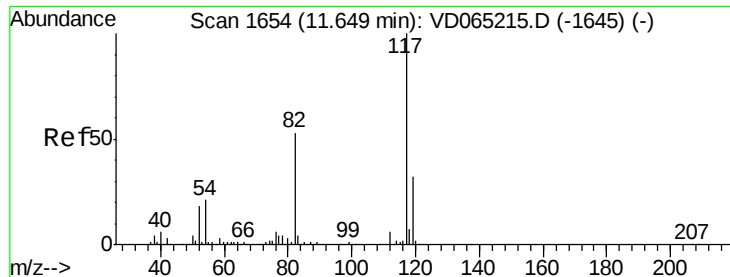
Tot Ion: 98 Resp: 1201227
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.493 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

Tgt Ion: 95 Resp: 352252
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 85.5 0.0 174.4

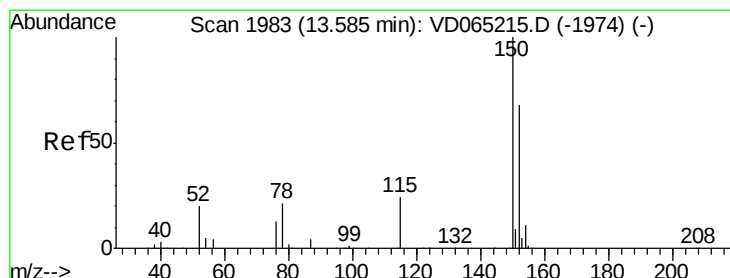
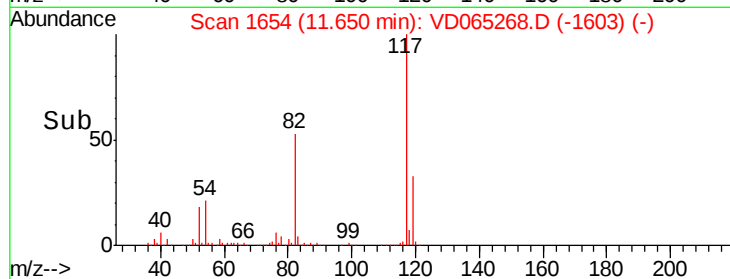
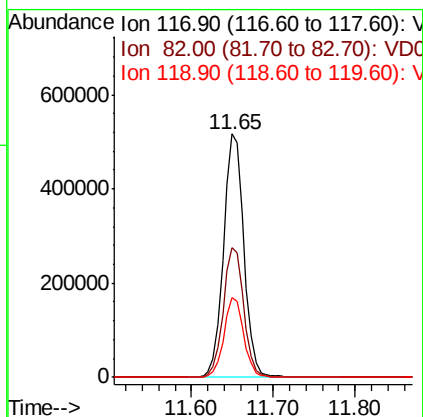
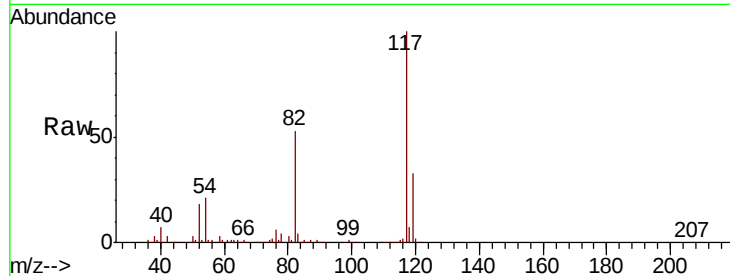




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

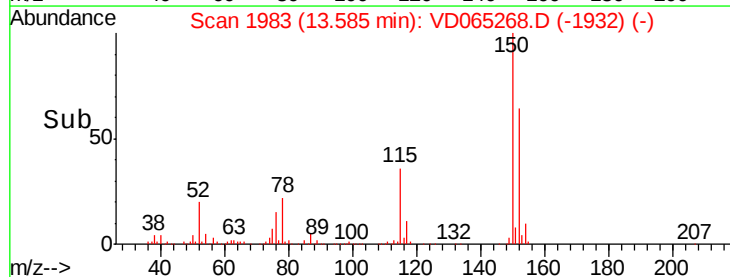
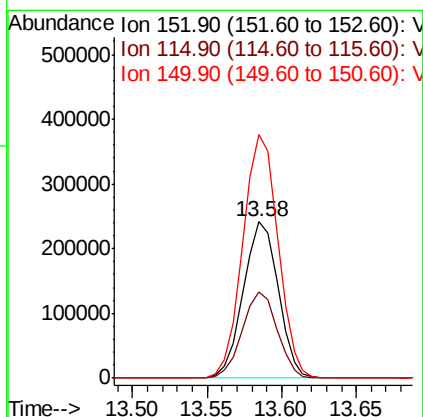
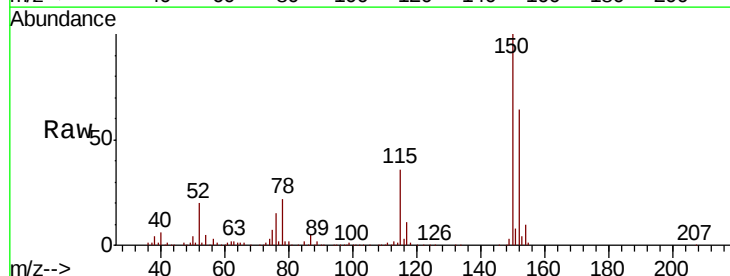
Instrument :
MSVOA_D
ClientSampleId :

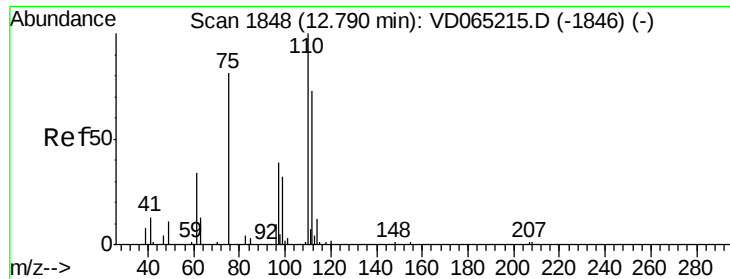
Tot Ion:117 Resp: 892634
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

Tgt Ion:152 Resp: 391183
Ion Ratio Lower Upper
152 100
115 55.4 27.6 82.8
150 157.2 0.0 347.4

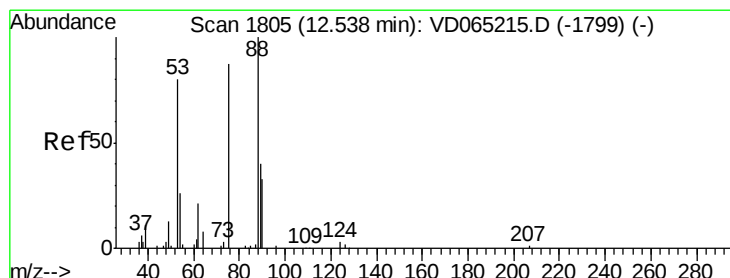
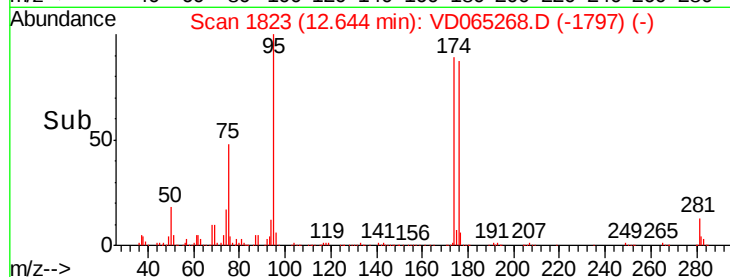
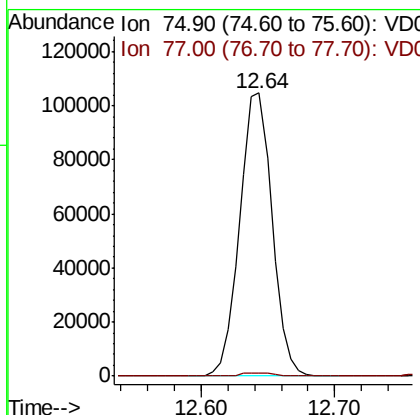
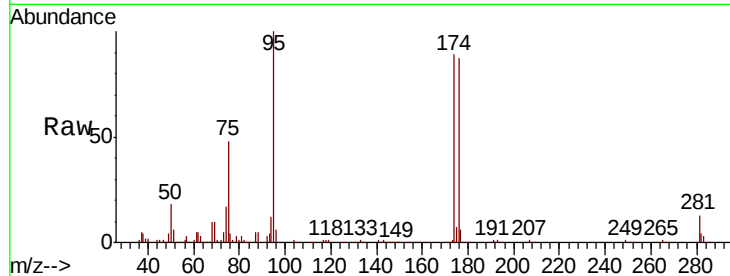




#76
 1,2,3-Trichloropropane
 Concen: 52.707 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. -0.15 min
 Lab File: VD065268.D
 Acq: 21 Feb 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 175423
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.803 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.11 min
 Lab File: VD065268.D
 Acq: 21 Feb 2020 11:37

Tgt Ion: 75 Resp: 175423
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.6 116.4#
 89 0.1 37.2 55.8#

