

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065324.D
 Acq On : 26 Feb 2020 13:23
 Operator : VA/SY
 Sample : L1676-05RE
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 27 08:01:57 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

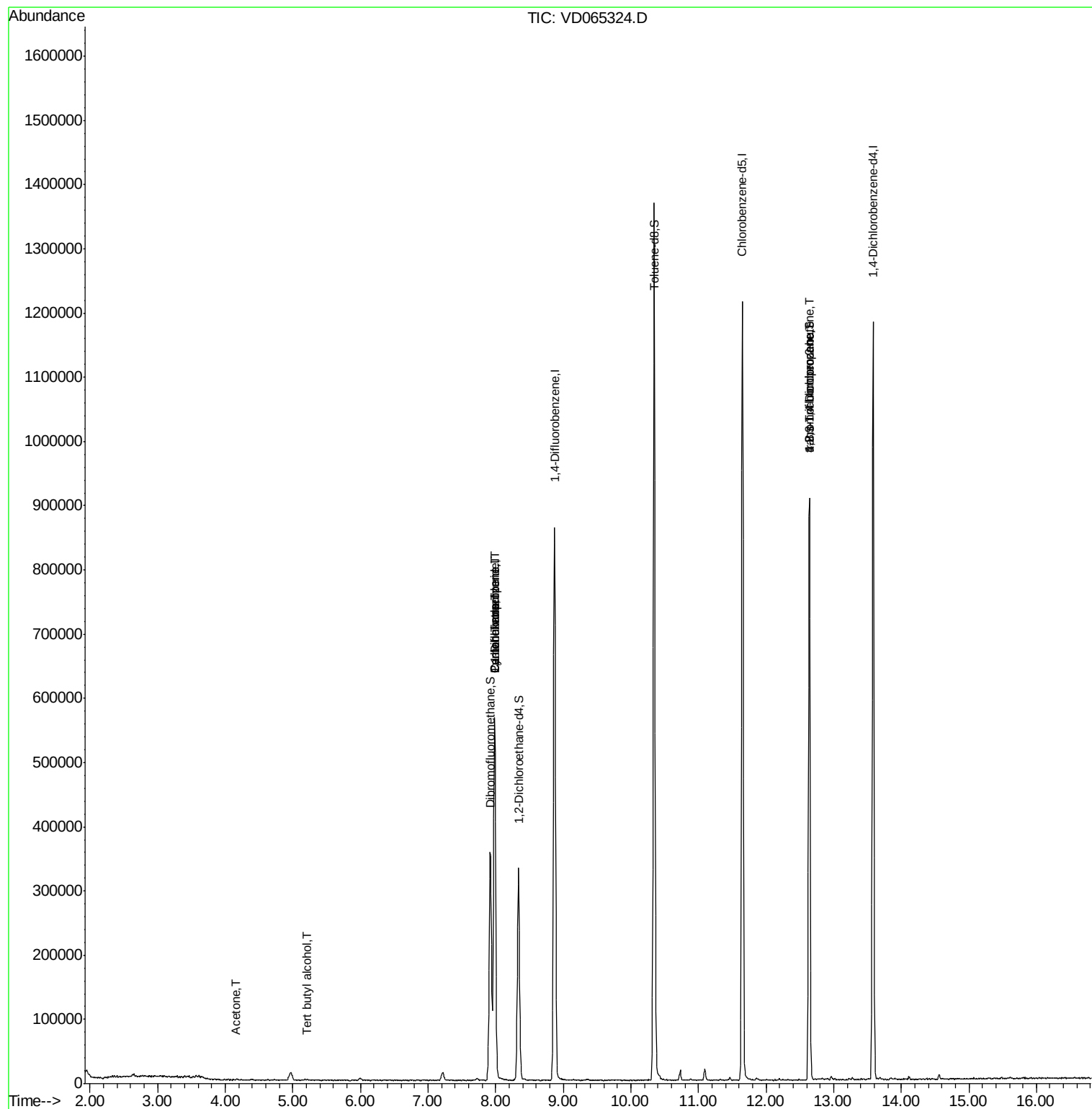
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	431228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	758326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	720604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	330779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	256040	66.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.00%	
35) Dibromofluoromethane	7.92	113	256155	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
50) Toluene-d8	10.34	98	930705	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.64	95	294855	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	360	1.553	ug/l #	72
13) Acrolein	3.66	56	72	Below Cal	#	1
16) Acetone	4.17	43	2270	2.394	ug/l	90
20) Methylene Chloride	4.96	84	8741	Below Cal	#	88
31) Cyclohexane	7.98	56	8838	1.159	ug/l #	19
36) 1,1-Dichloropropene	7.98	75	31095	4.214	ug/l #	49
38) Carbon Tetrachloride	7.98	117	40212	5.354	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	144428	51.318	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	144428	110.805	ug/l #	11

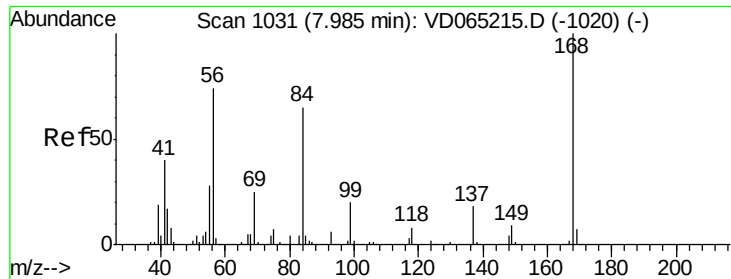
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065324.D

Acq: 26 Feb 2020 13:23

Instrument :

MSVOA_D

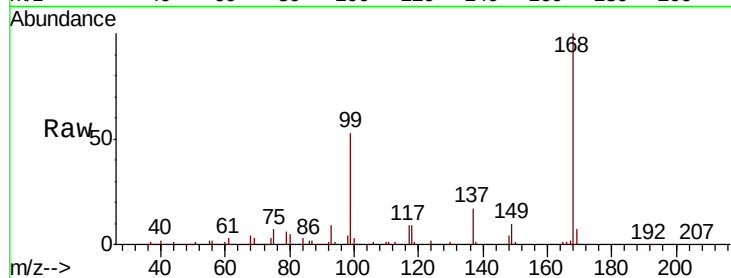
ClientSampleId :

Tot Ion:168 Resp: 431228

Ion Ratio Lower Upper

168 100

99 52.6 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

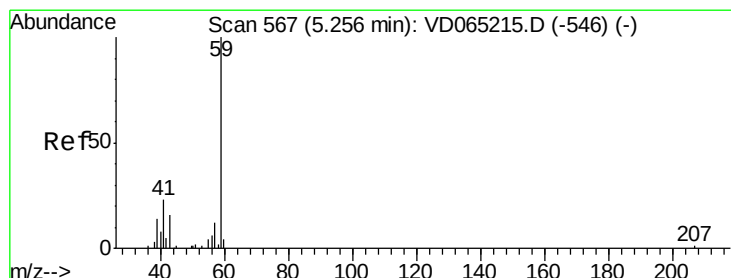
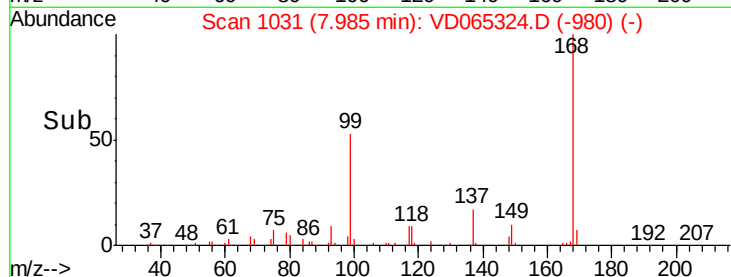
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.553 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.05 min

Lab File: VD065324.D

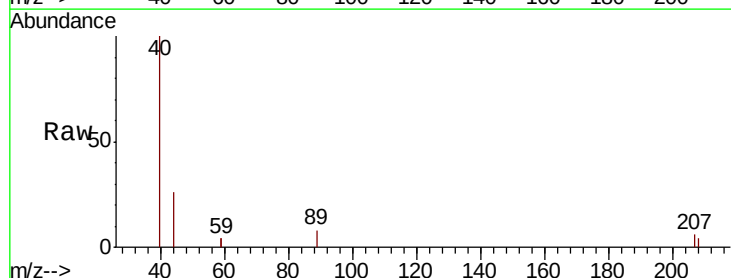
Acq: 26 Feb 2020 13:23

Tgt Ion: 59 Resp: 360

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

5.21

400

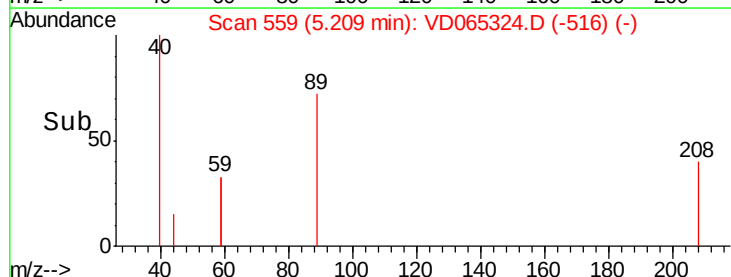
300

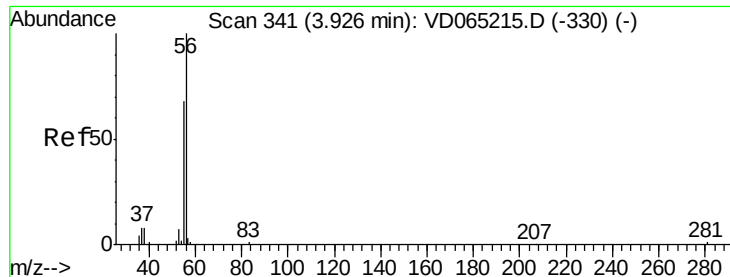
200

100

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.66 min Scan# 295

Delta R.T. -0.27 min

Lab File: VD065324.D

Acq: 26 Feb 2020 13:23

Instrument :

MSVOA_D

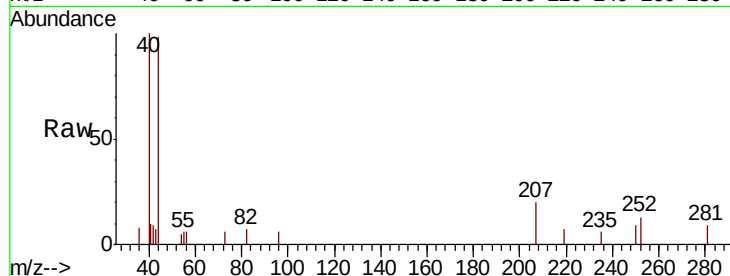
ClientSampled :

Tot Ion: 56 Resp: 72

Ion Ratio Lower Upper

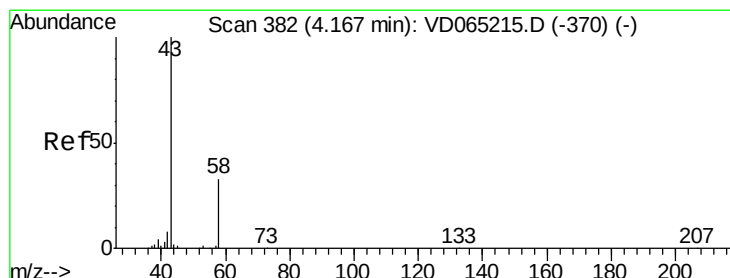
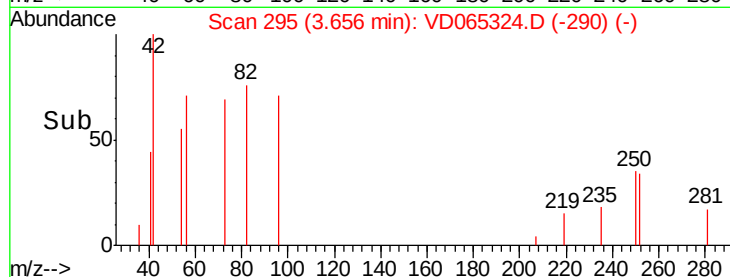
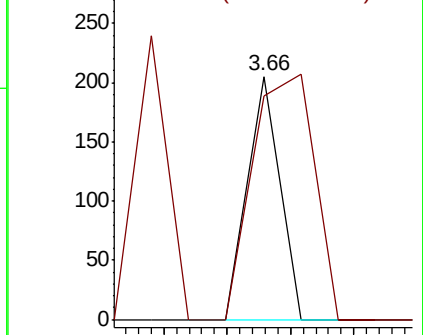
56 100

55 194.4 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 2.394 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065324.D

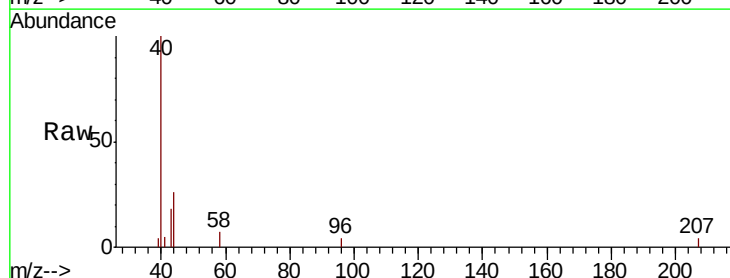
Acq: 26 Feb 2020 13:23

Tgt Ion: 43 Resp: 2270

Ion Ratio Lower Upper

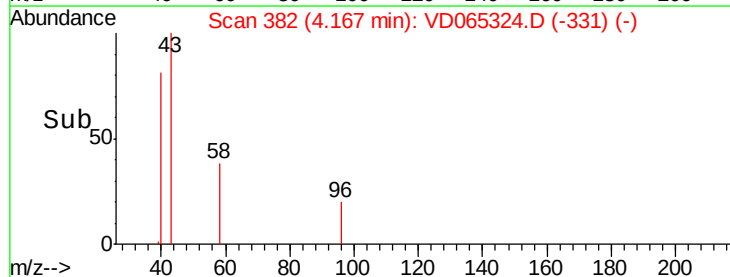
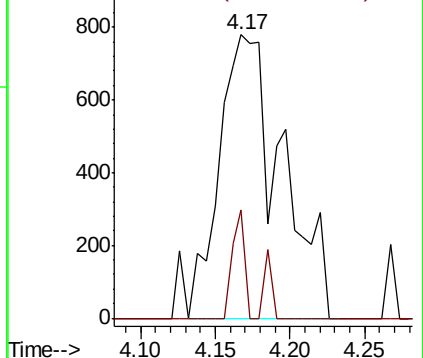
43 100

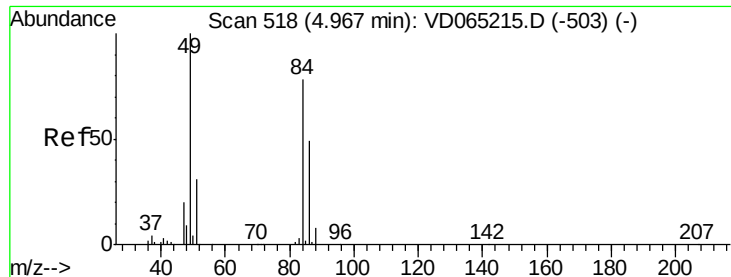
58 38.1 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

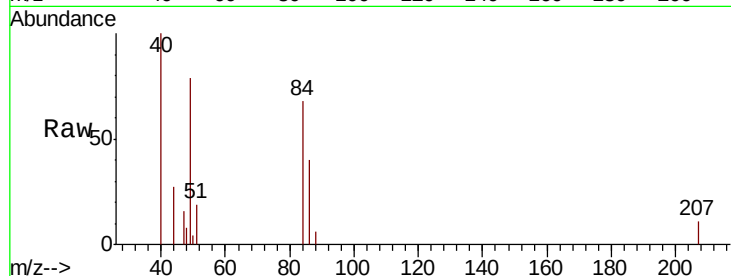




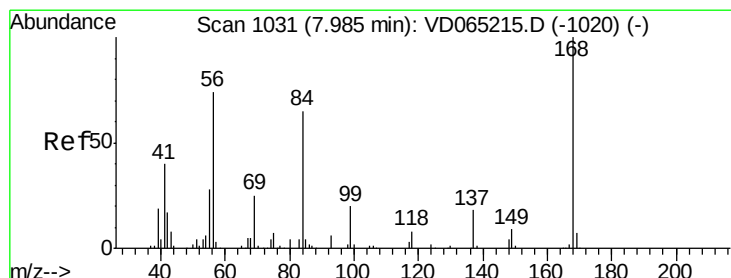
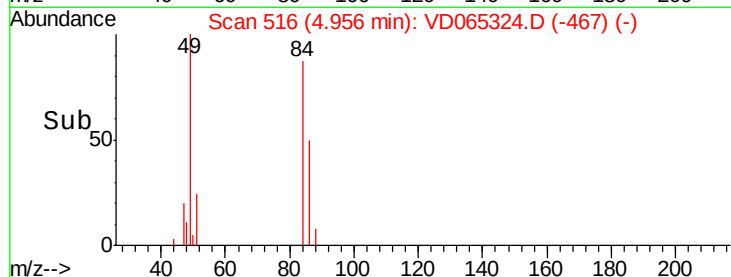
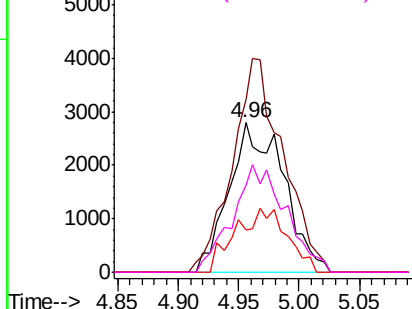
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065324.D
Acq: 26 Feb 2020 13:23

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 8741
Ion Ratio Lower Upper
84 100
49 115.3 103.1 154.7
51 27.9 31.7 47.5#
86 58.0 50.9 76.3

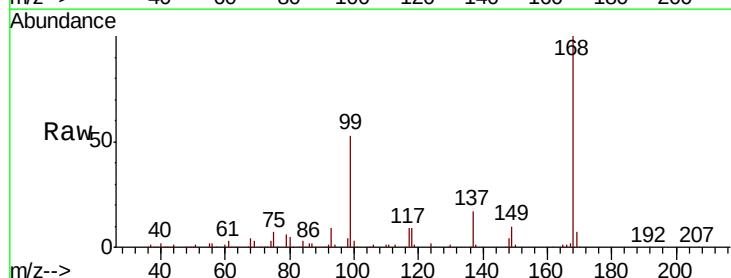


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

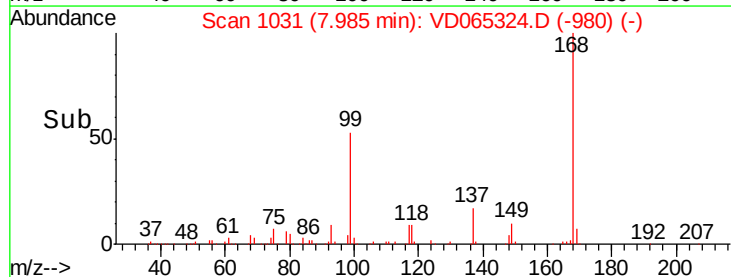
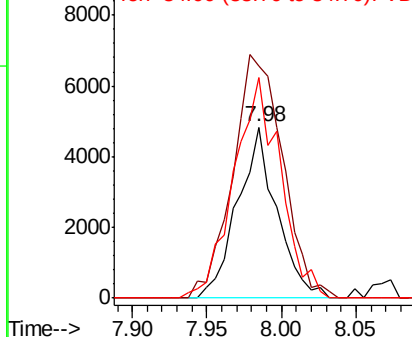


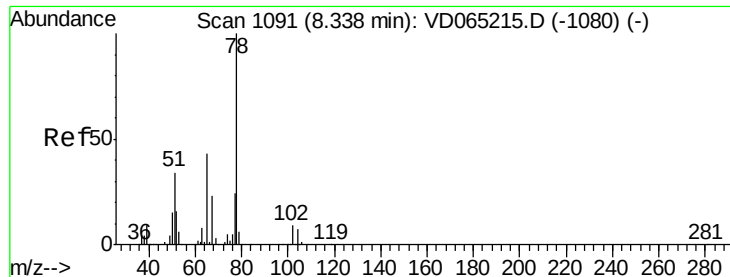
#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065324.D
Acq: 26 Feb 2020 13:23

Tgt Ion: 56 Resp: 8838
Ion Ratio Lower Upper
56 100
69 136.2 27.4 41.0#
84 129.4 71.1 106.7#



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

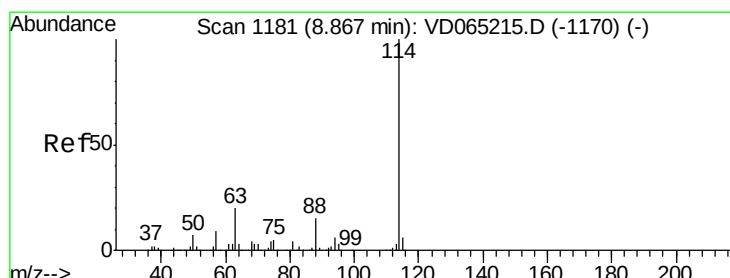
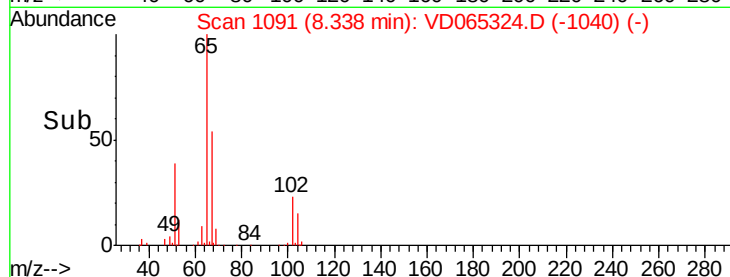
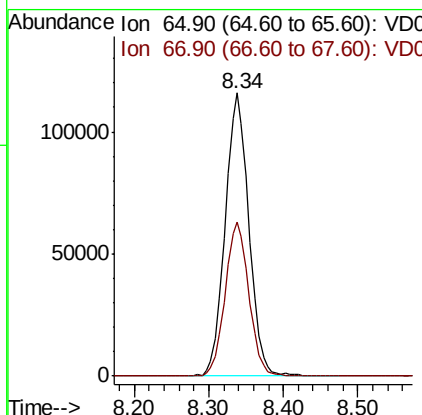
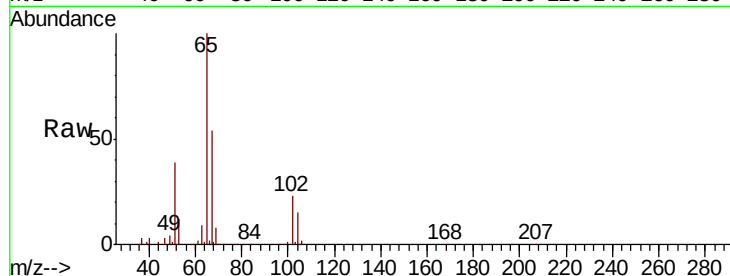




#33
 1,2-Dichloroethane-d4
 Concen: 66.000 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065324.D
 Acq: 26 Feb 2020 13:23

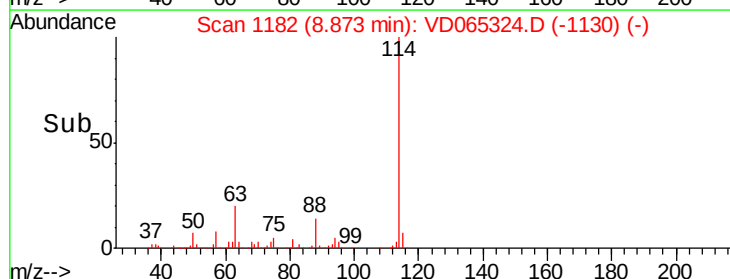
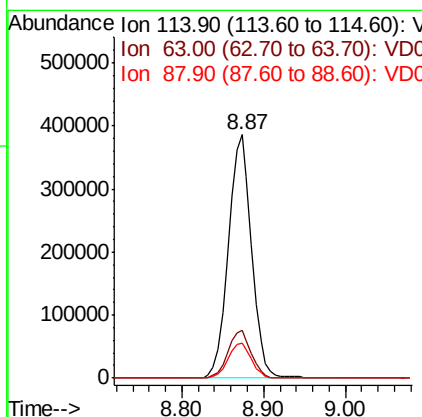
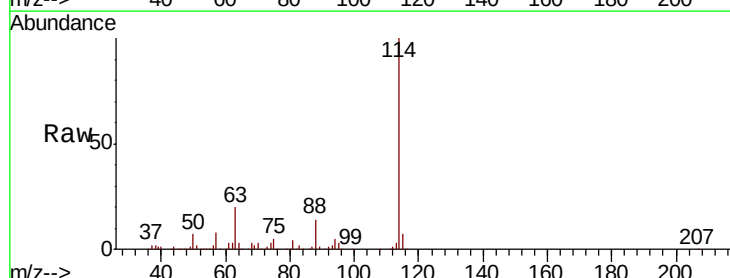
Instrument :
 MSVOA_D
 ClientSampleId :

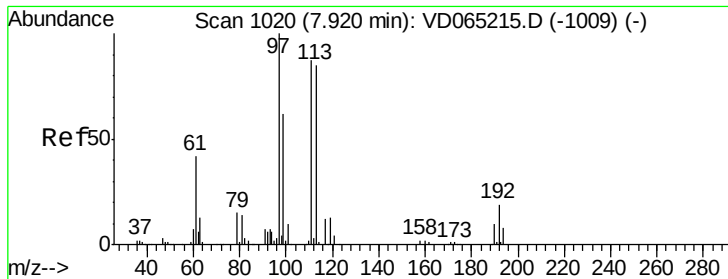
Tot Ion: 65 Resp: 256040
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065324.D
 Acq: 26 Feb 2020 13:23

Tgt Ion: 114 Resp: 758326
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 14.4 0.0 30.4

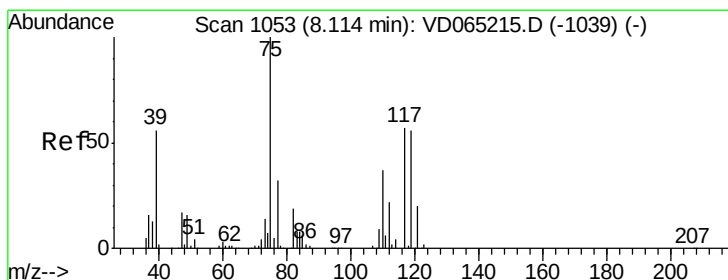
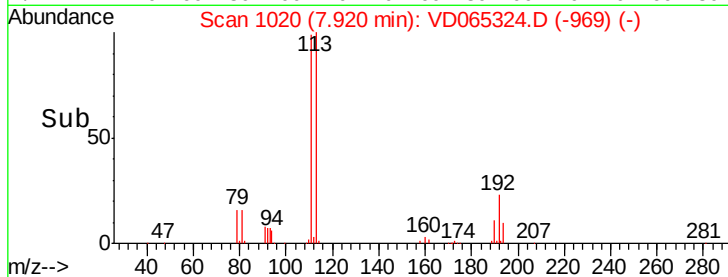
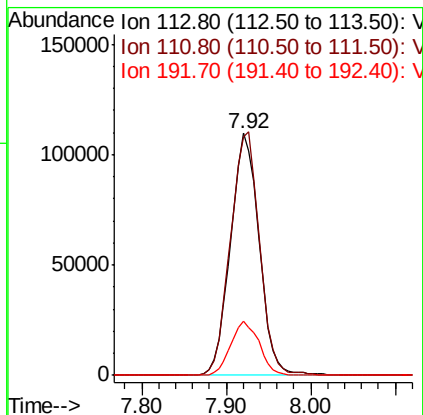
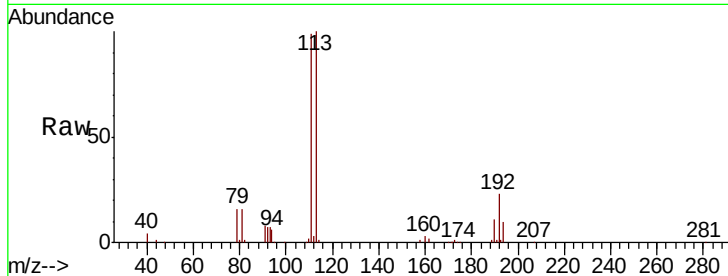




#35
 Dibromofluoromethane
 Concen: 55.399 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065324.D
 Acq: 26 Feb 2020 13:23

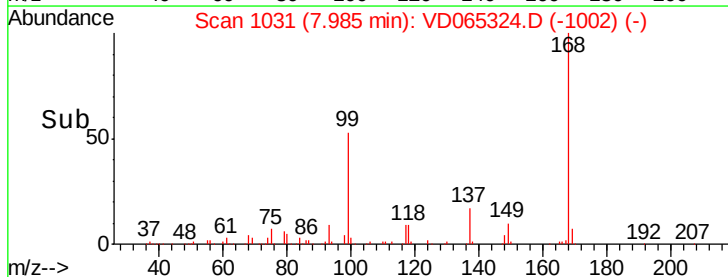
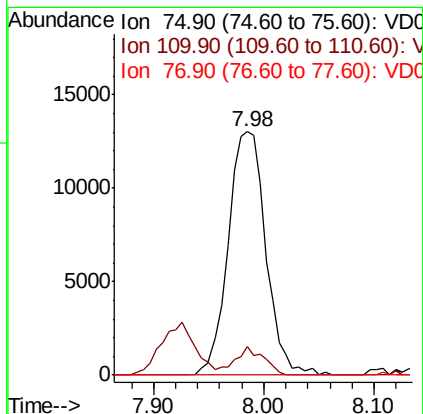
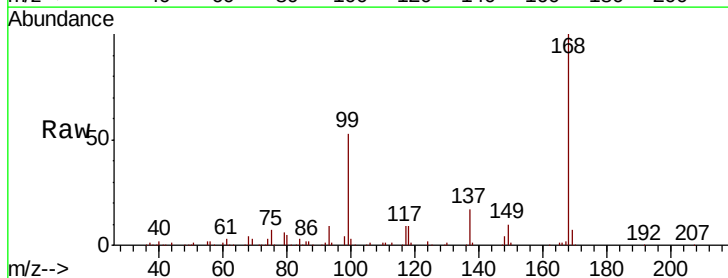
Instrument :
 MSVOA_D
 ClientSampleId :

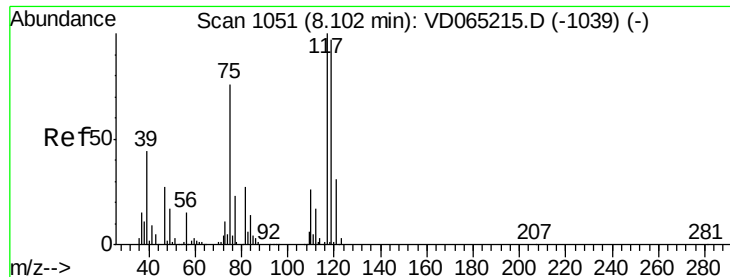
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	22.3	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.214 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065324.D
 Acq: 26 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.9	53.7#
77	0.0	25.1	37.7#

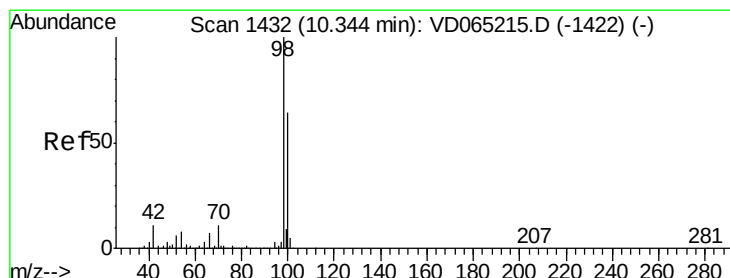
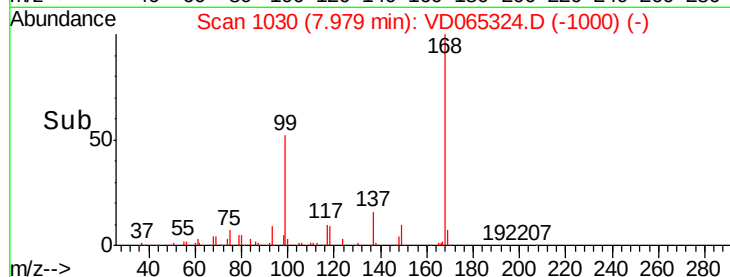
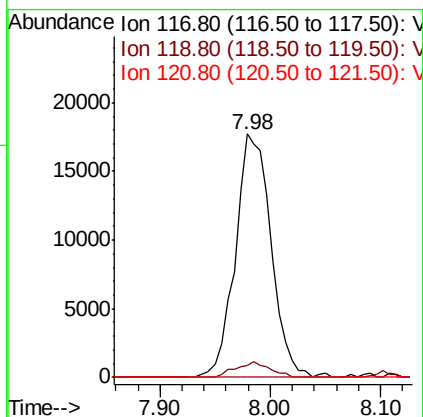
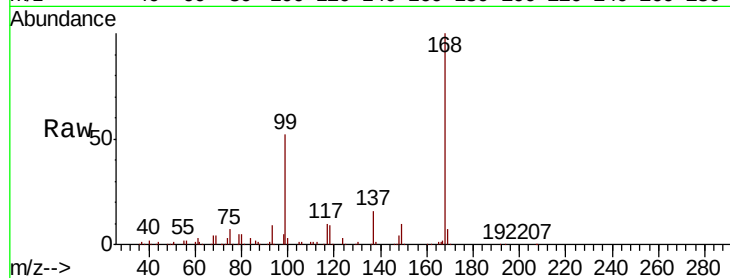




#38
Carbon Tetrachloride
Concen: 5.354 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065324.D
Acq: 26 Feb 2020 13:23

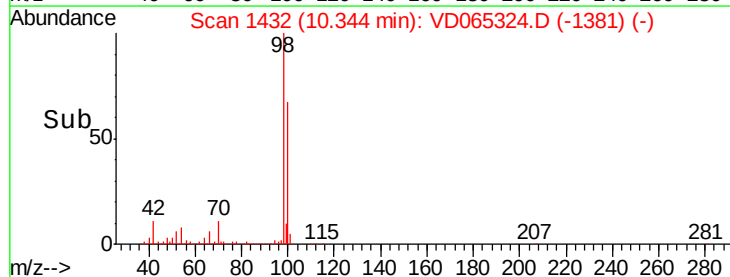
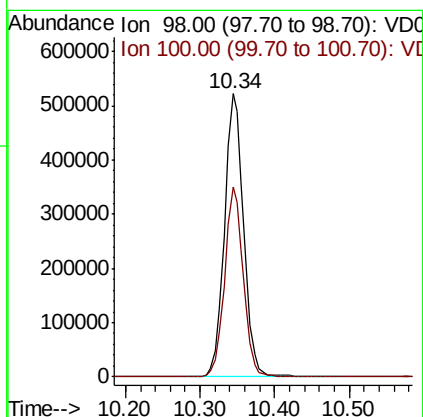
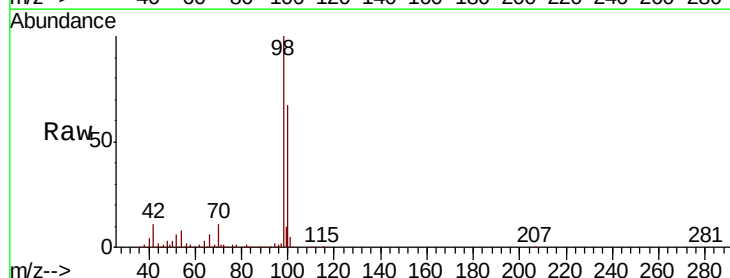
Instrument :
MSVOA_D
ClientSampleId :

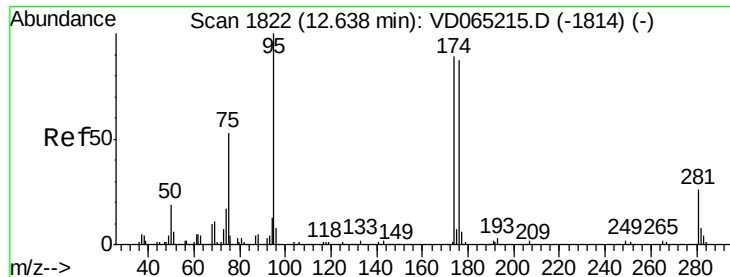
Tot Ion:117 Resp: 40212
Ion Ratio Lower Upper
117 100
119 4.8 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.652 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065324.D
Acq: 26 Feb 2020 13:23

Tgt Ion: 98 Resp: 930705
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

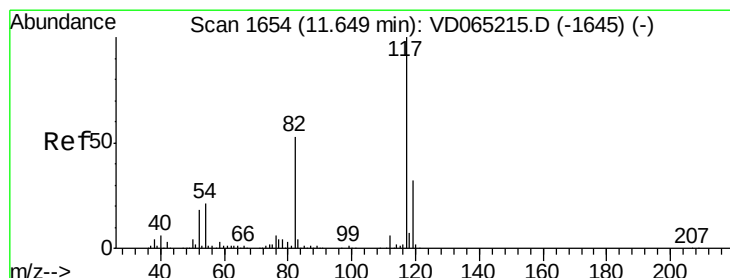
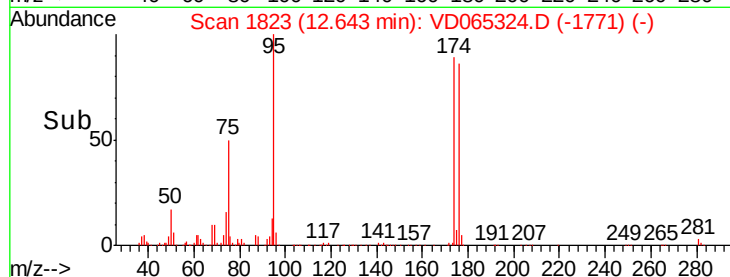
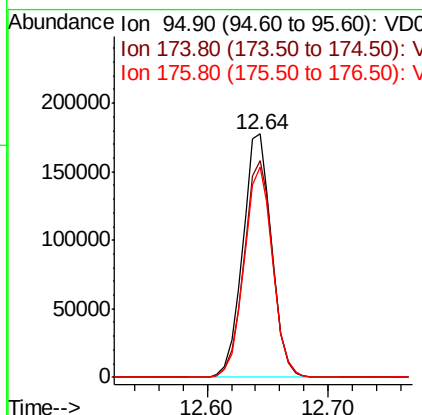
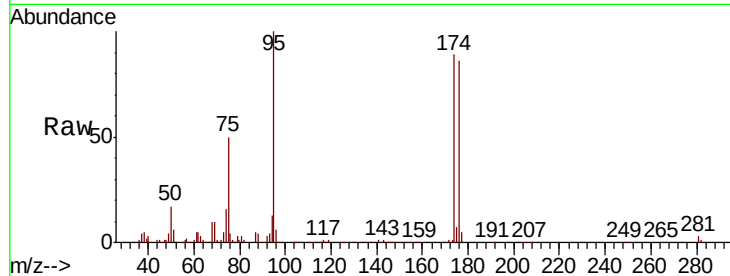




#62
4-Bromofluorobenzene
Concen: 52.655 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065324.D
Acq: 26 Feb 2020 13:23

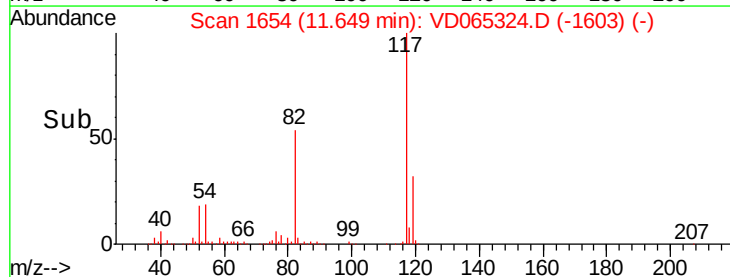
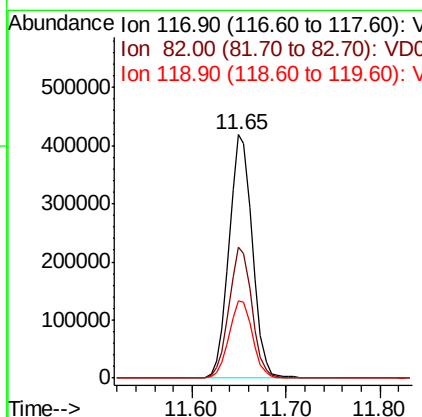
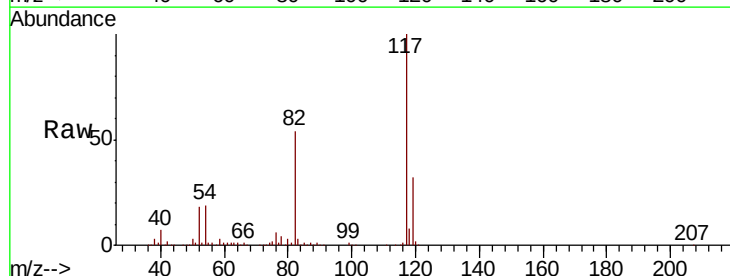
Instrument :
MSVOA_D
ClientSampleId :

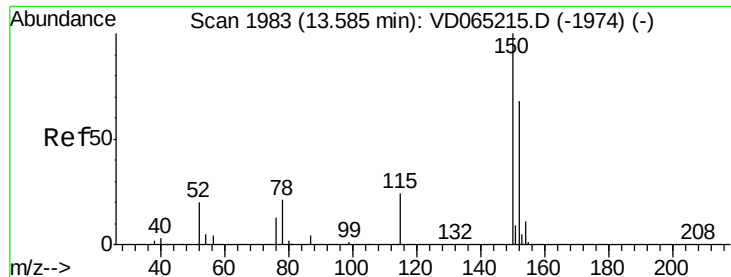
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	178.0
176	85.5	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065324.D
Acq: 26 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.7	64.1
119	31.9	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: VD065324.D

Acq: 26 Feb 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

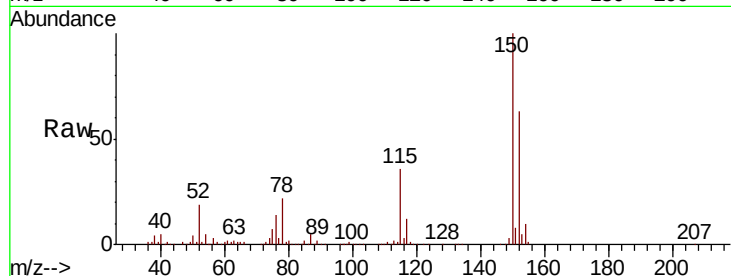
Tot Ion:152 Resp: 330779

Ion Ratio Lower Upper

152 100

115 55.4 27.6 82.8

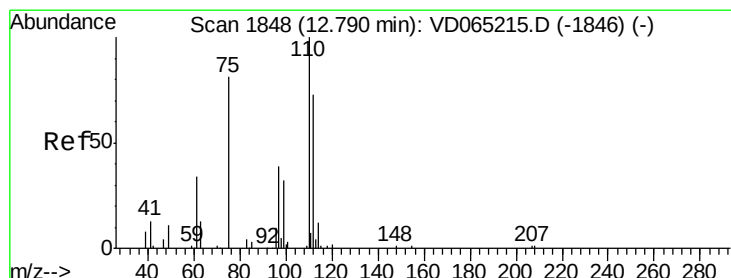
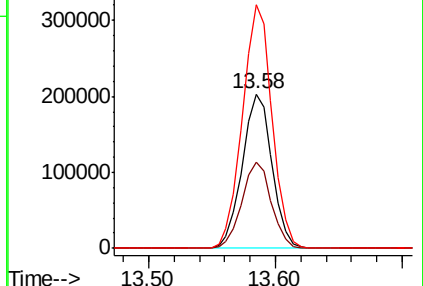
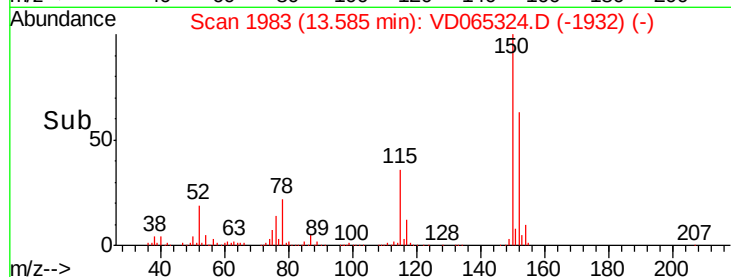
150 157.0 0.0 347.4



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: 51.318 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065324.D

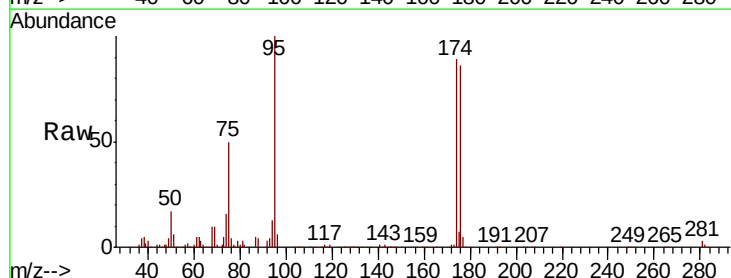
Acq: 26 Feb 2020 13:23

Tgt Ion: 75 Resp: 144428

Ion Ratio Lower Upper

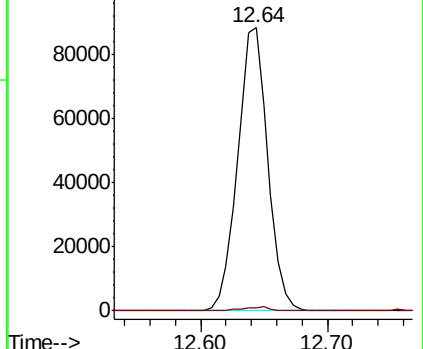
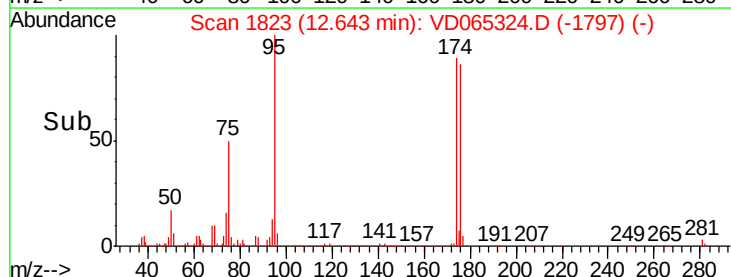
75 100

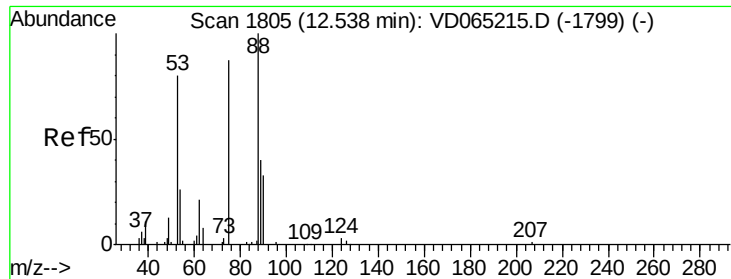
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.805 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065324.D

Acq: 26 Feb 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 144428

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 37.2 55.8#

