

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065254.D
 Acq On : 20 Feb 2020 14:03
 Operator : VA/SY
 Sample : L1601-06
 Misc : 4.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 21 04:03:21 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	626978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1033803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	921702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	424132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	301707	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
35) Dibromofluoromethane	7.92	113	309896	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.34	98	1240502	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.64	95	393934	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	5.25	59	11126	33.010	ug/l #	72
13) Acrolein	3.92	56	153	Below Cal	#	14
15) Acrylonitrile	5.48	53	1965	1.509	ug/l #	45
16) Acetone	4.17	43	54083	39.225	ug/l	97
19) Methyl tert-butyl Ether	5.50	73	42051	3.469	ug/l #	1
20) Methylene Chloride	4.96	84	18020	Below Cal	#	86
25) 2-Butanone	7.22	43	12608	7.227	ug/l	91
31) Cyclohexane	7.97	56	41809	3.770	ug/l #	72
36) 1,1-Dichloropropene	7.98	75	44580	4.432	ug/l #	49
38) Carbon Tetrachloride	7.98	117	57557	5.621	ug/l #	16
40) Benzene	8.36	78	500397	17.624	ug/l	99
43) Isopropyl Acetate	8.45	43	10016	1.310	ug/l #	51
48) Methyl methacrylate	9.48	41	7541	2.133	ug/l #	35
51) 4-Methyl-2-Pentanone	10.27	43	9728	2.505	ug/l #	81
52) Toluene	10.41	92	51466	2.928	ug/l	97
55) 1,1,2-Trichloroethane	10.78	97	12334	2.412	ug/l #	31
59) 2-Hexanone	10.96	43	6570	2.363	ug/l #	26
67) Ethyl Benzene	11.75	91	237495	7.331	ug/l	97
68) m/p-Xylenes	11.86	106	159123	12.839	ug/l	99
69) o-Xylene	12.19	106	50325	4.583	ug/l	95
73) Isopropylbenzene	12.49	105	149806	5.335	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	195426	54.155	ug/l #	100
78) n-propylbenzene	12.83	91	702919	20.831	ug/l	100
79) 2-Chlorotoluene	12.83	91	702919	37.185	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.97	105	48911	2.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.64	75	195426	116.930	ug/l #	11
82) 4-Chlorotoluene	12.83	91	702919	35.026	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.28	105	185018	7.993	ug/l	100
85) sec-Butylbenzene	13.41	105	74888	2.681	ug/l #	58
89) n-Butylbenzene	13.86	91	172978	7.349	ug/l #	82
90) Hexachloroethane	14.13	117	71137	13.716	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.53	75	816	1.045	ug/l #	1
95) Naphthalene	15.41	128	903058	73.374	ug/l	100

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QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

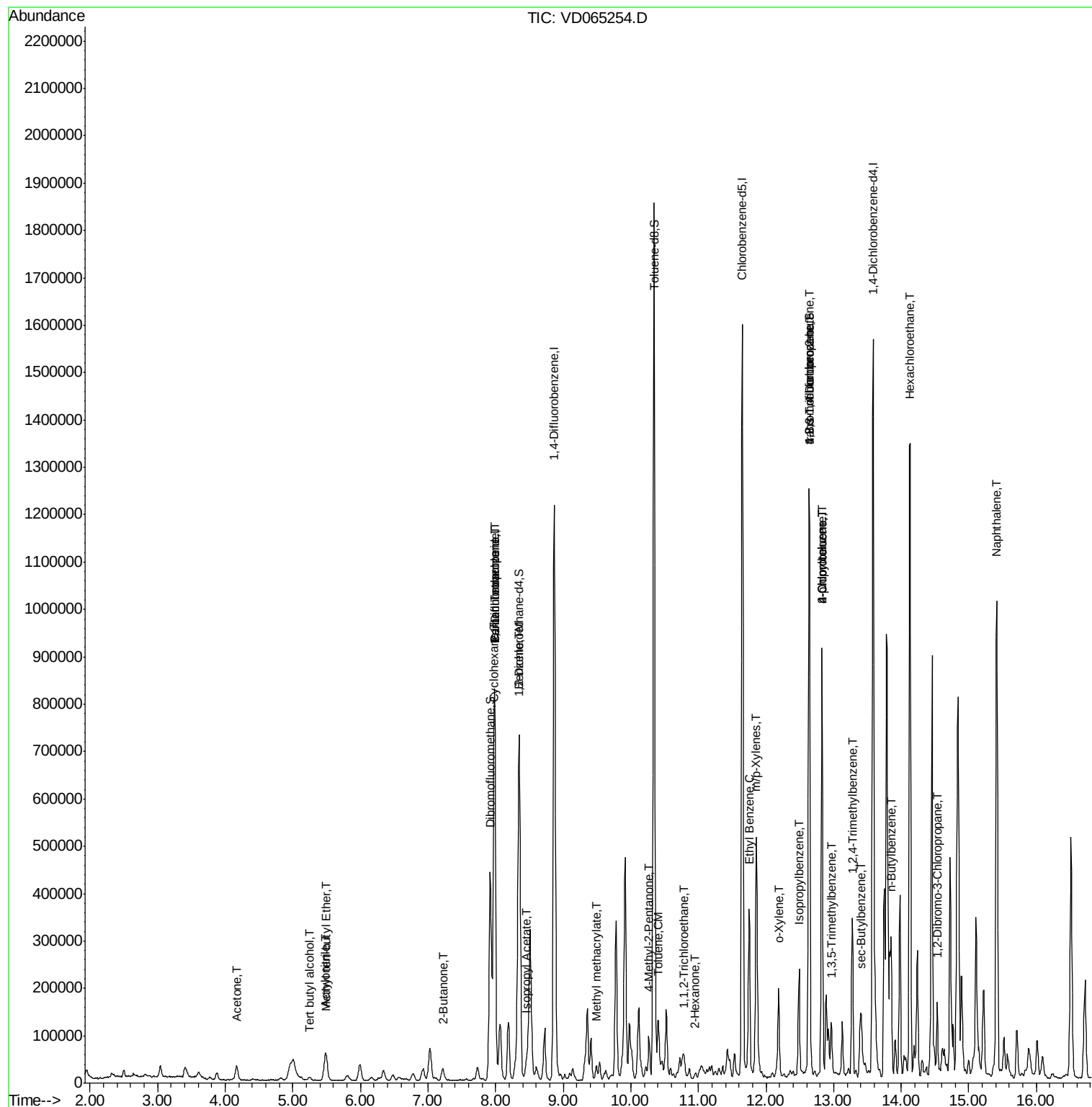
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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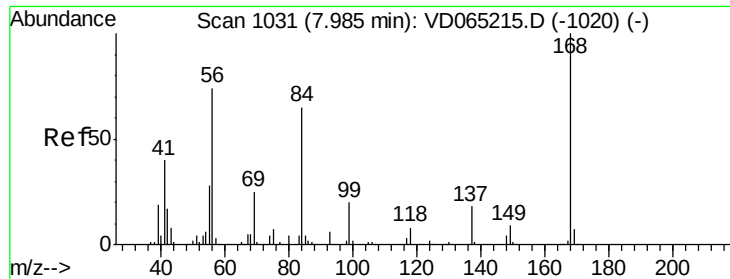
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

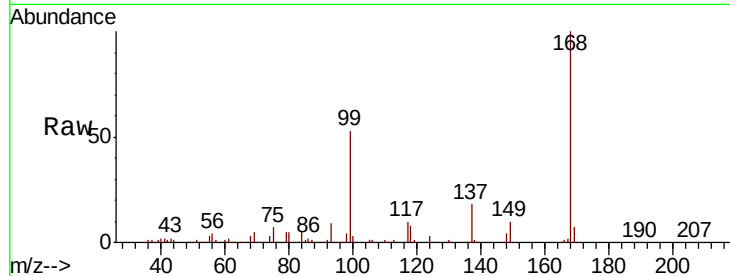
ClientSampleId :

Tot Ion:168 Resp: 626978

Ion Ratio Lower Upper

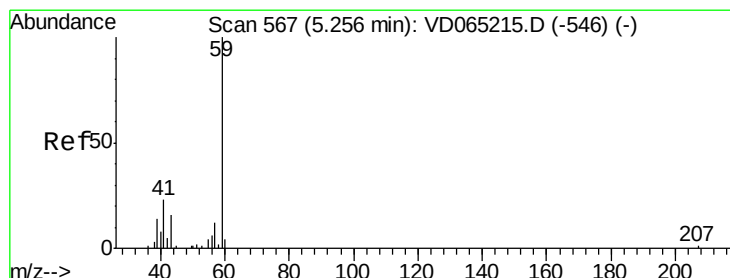
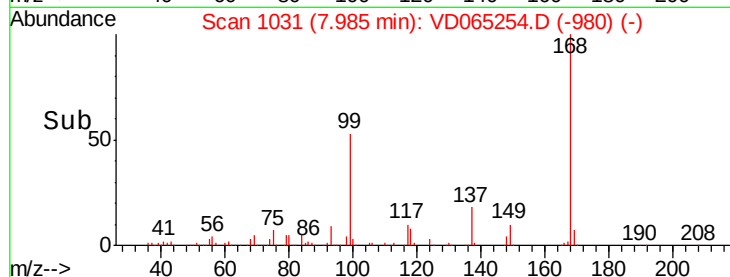
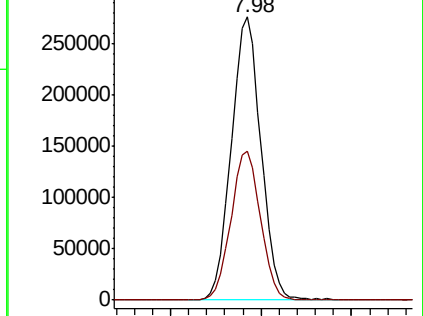
168 100

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



#11

Tert butyl alcohol

Concen: 33.010 ug/l

RT: 5.25 min Scan# 566

Delta R.T. -0.01 min

Lab File: VD065254.D

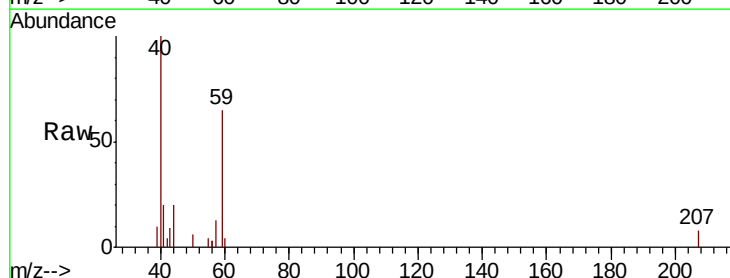
Acq: 20 Feb 2020 14:03

Tgt Ion: 59 Resp: 11126

Ion Ratio Lower Upper

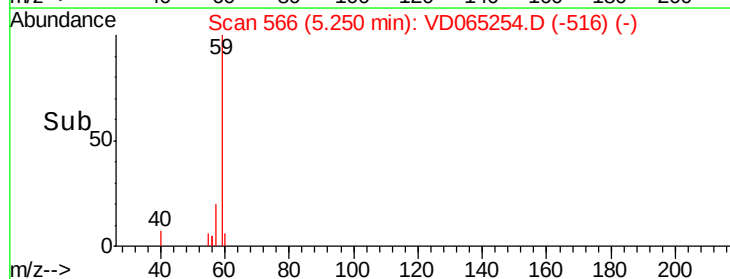
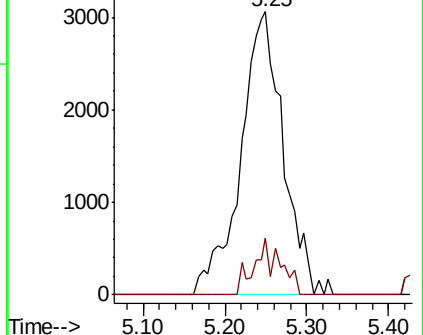
59 100

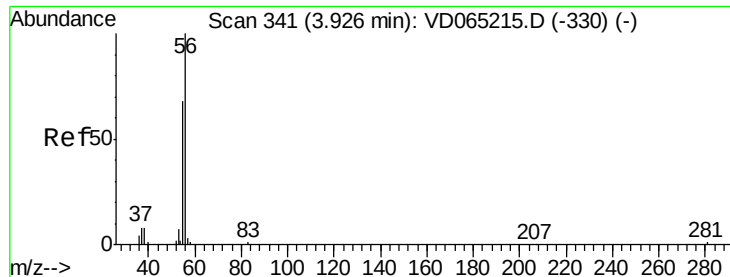
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

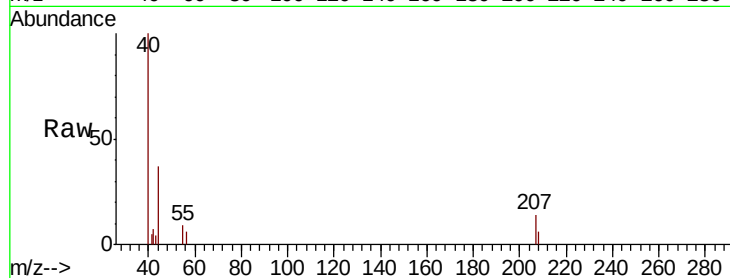
ClientSampleId :

Tot Ion: 56 Resp: 153

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

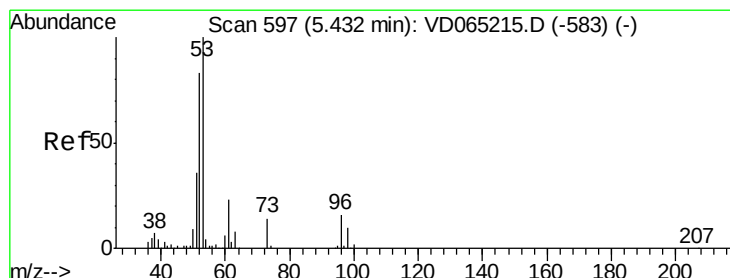
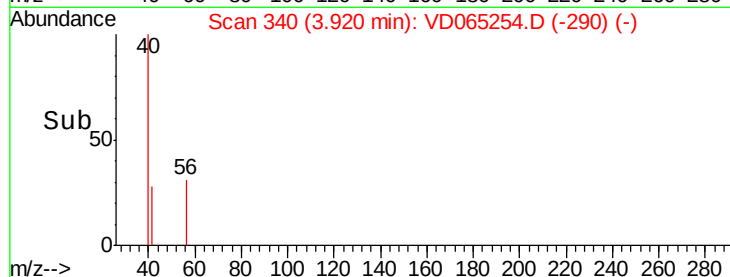
Ion 55.00 (54.70 to 55.70): VDC

1000

500

3.92

Time--> 3.90 3.91 3.92 3.93



#15

Acrylonitrile

Concen: 1.509 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.05 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

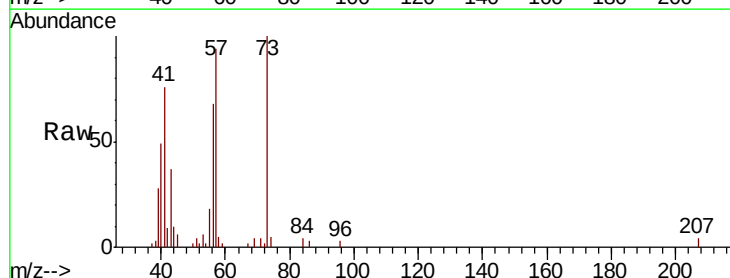
Tgt Ion: 53 Resp: 1965

Ion Ratio Lower Upper

53 100

52 17.9 65.4 98.2#

51 48.2 29.5 44.3#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC

800

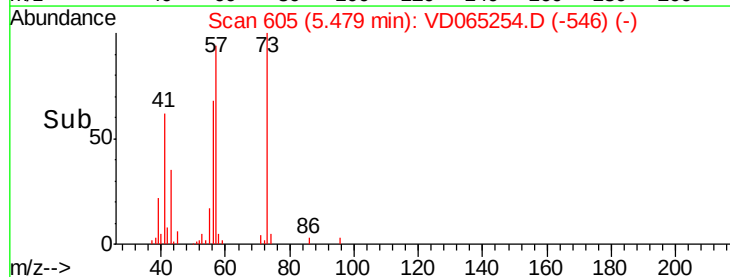
600

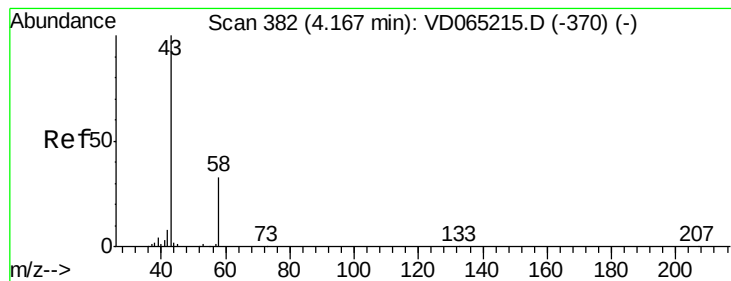
400

200

5.48

Time--> 5.40 5.45 5.50 5.55





#16

Acetone

Concen: 39.225 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

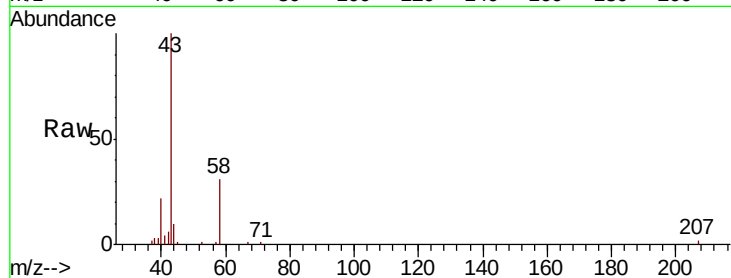
ClientSampleId :

Tot Ion: 43 Resp: 54083

Ion Ratio Lower Upper

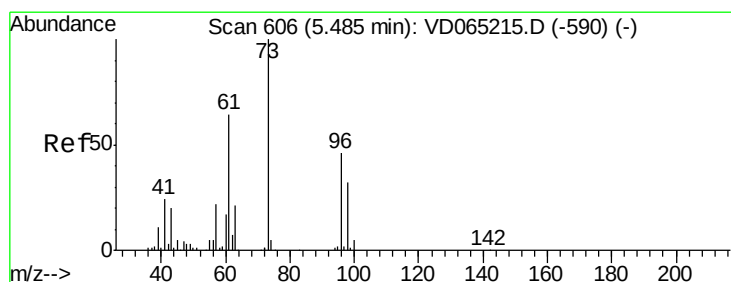
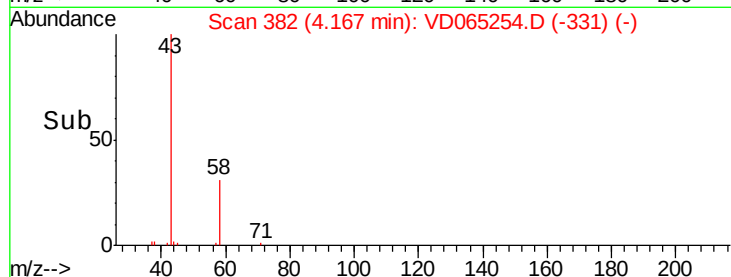
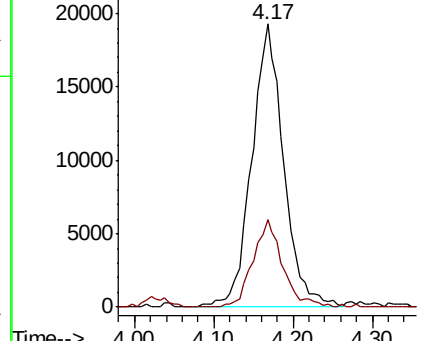
43 100

58 31.0 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#19

Methyl tert-butyl Ether

Concen: 3.469 ug/l

RT: 5.50 min Scan# 608

Delta R.T. 0.01 min

Lab File: VD065254.D

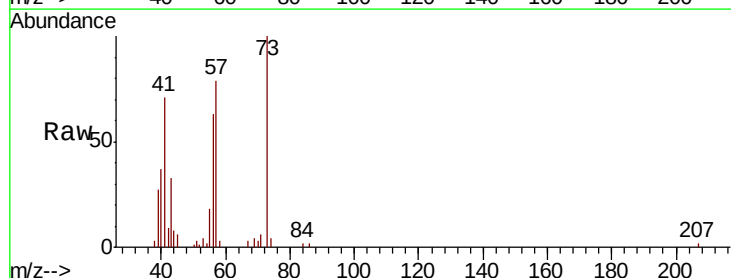
Acq: 20 Feb 2020 14:03

Tgt Ion: 73 Resp: 42051

Ion Ratio Lower Upper

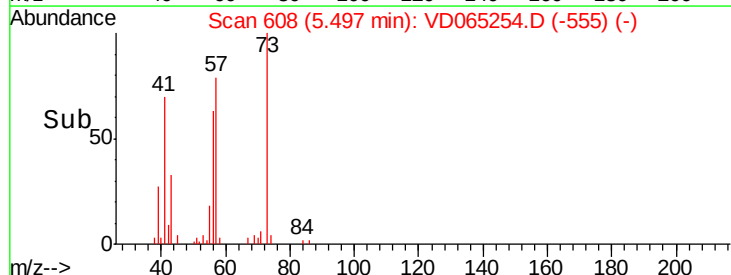
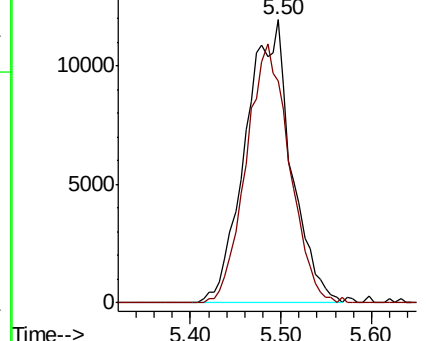
73 100

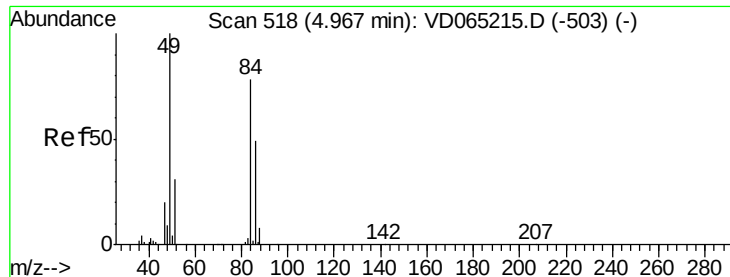
57 78.6 17.3 25.9#



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

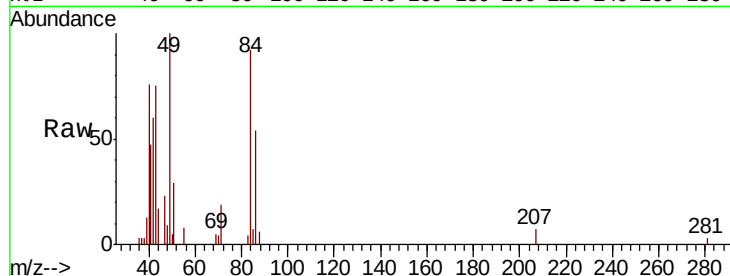




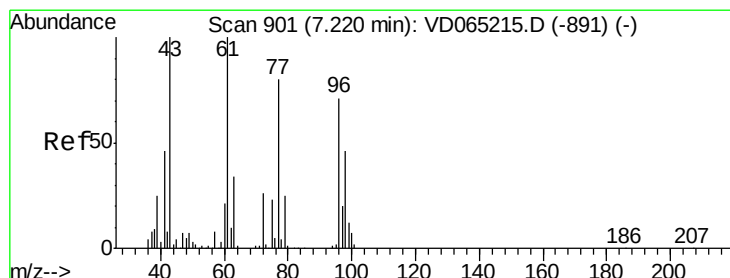
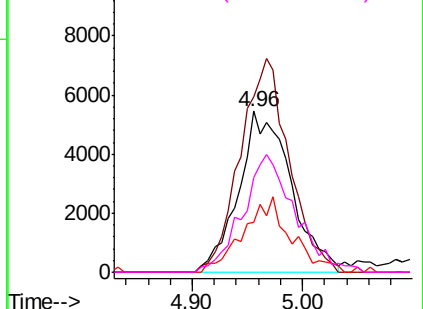
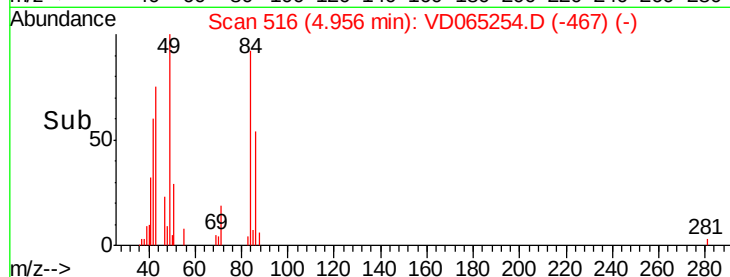
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 18020
Ion Ratio Lower Upper
84 100
49 108.8 103.1 154.7
51 31.5 31.7 47.5#
86 58.9 50.9 76.3

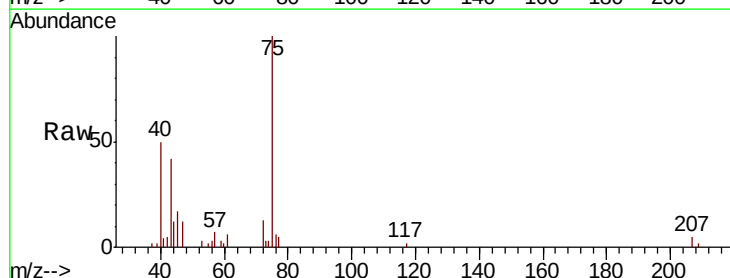


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

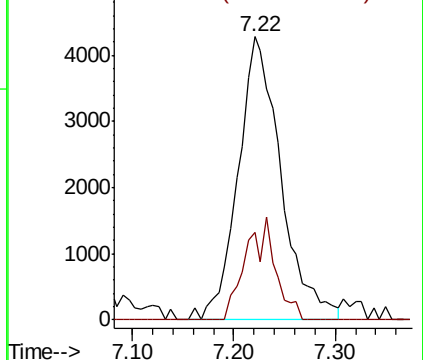
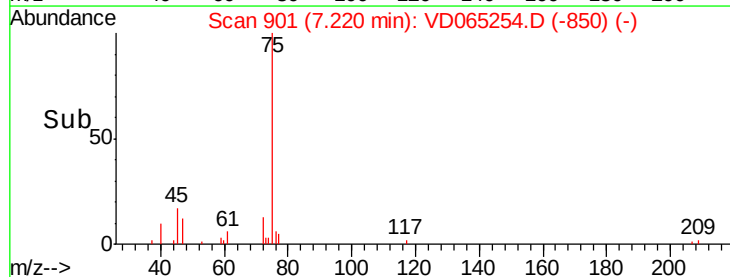


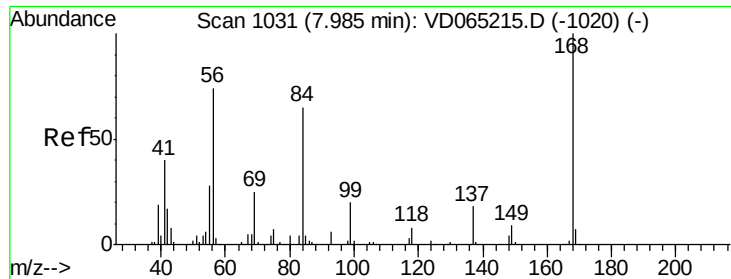
#25
2-Butanone
Concen: 7.227 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 43 Resp: 12608
Ion Ratio Lower Upper
43 100
72 30.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

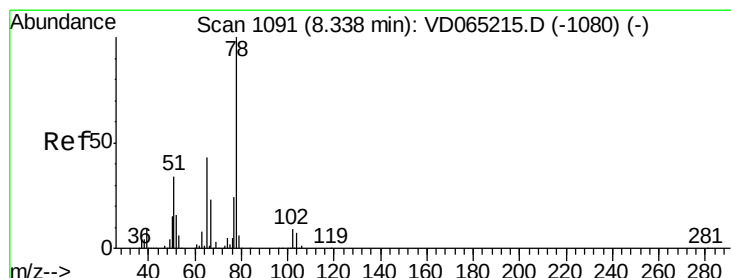
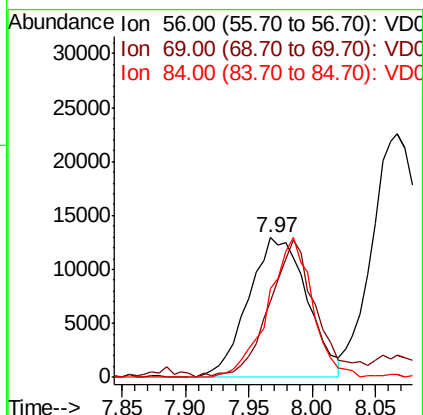
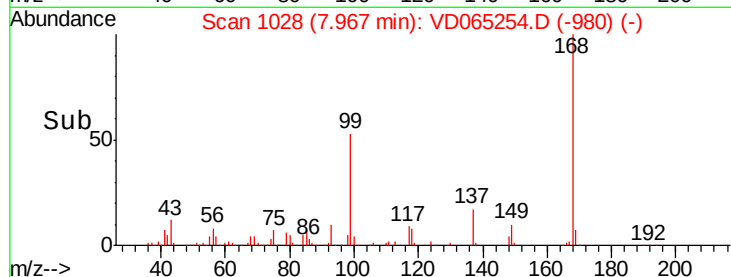
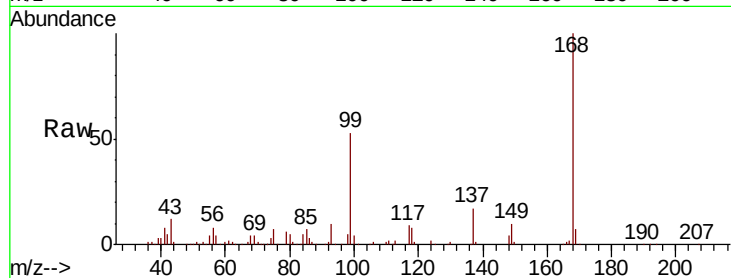




#31
Cyclohexane
Concen: 3.770 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

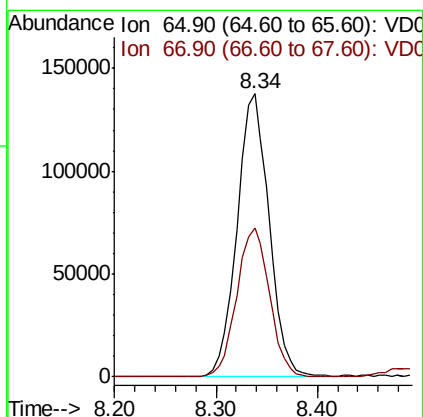
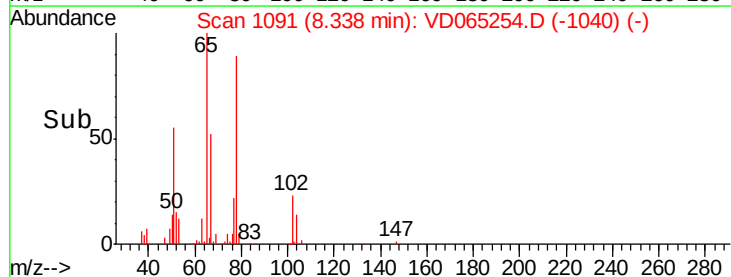
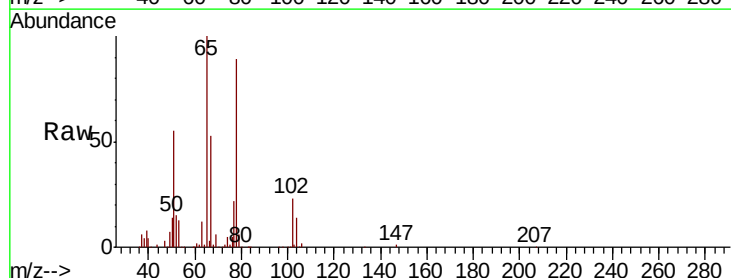
Instrument :
MSVOA_D
ClientSampleId :

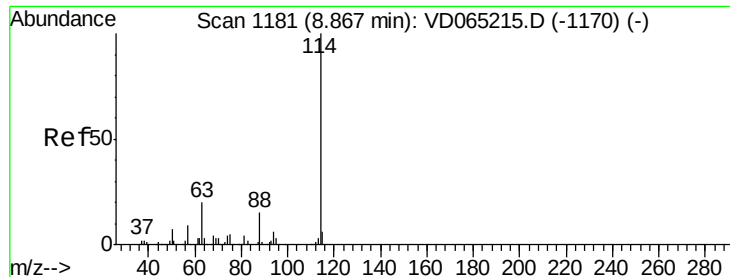
Tot Ion: 56 Resp: 41809
Ion Ratio Lower Upper
56 100
69 51.5 27.4 41.0#
84 63.3 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 53.491 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 65 Resp: 301707
Ion Ratio Lower Upper
65 100
67 54.0 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

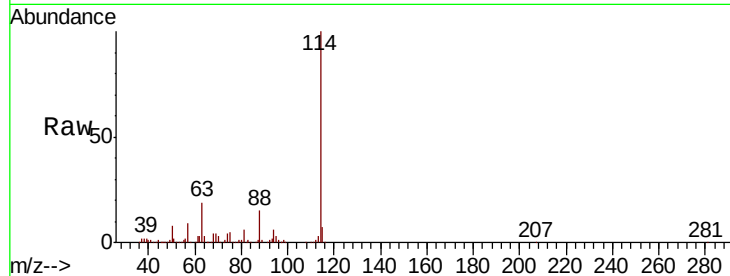
Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 1033803

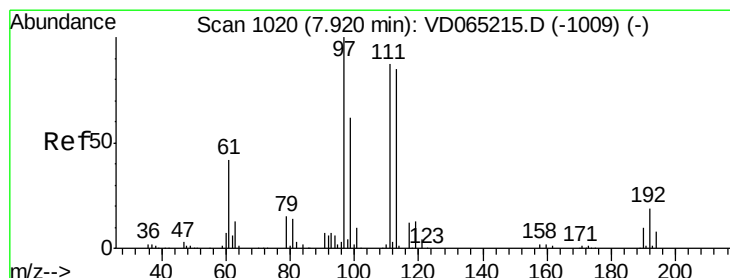
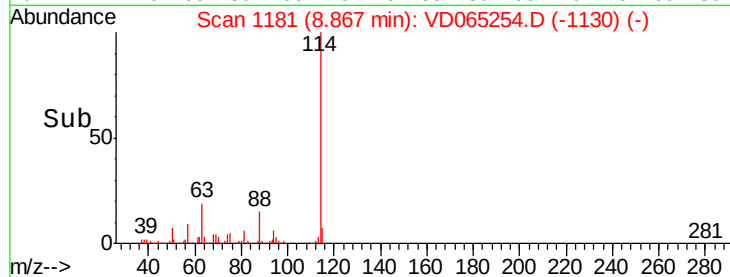
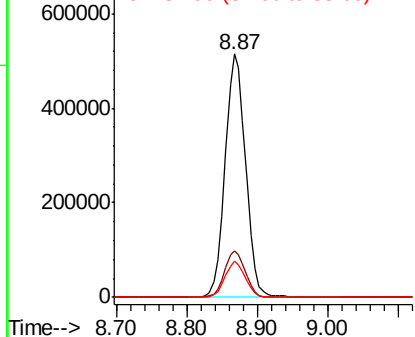
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.4
88	15.0	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.162 ug/l

RT: 7.92 min Scan# 1020

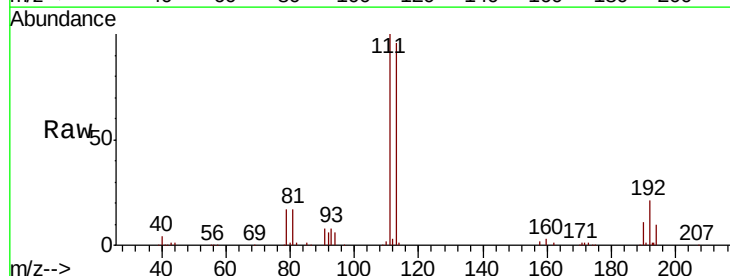
Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Tgt Ion:113 Resp: 309896

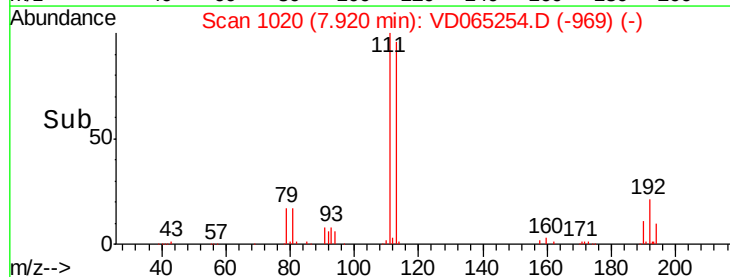
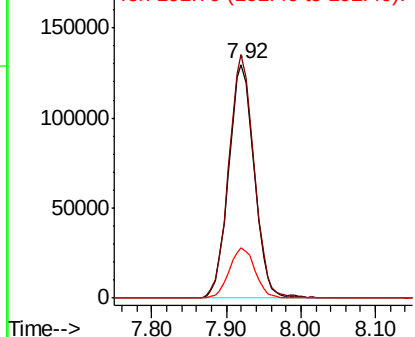
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	21.7	17.3	25.9

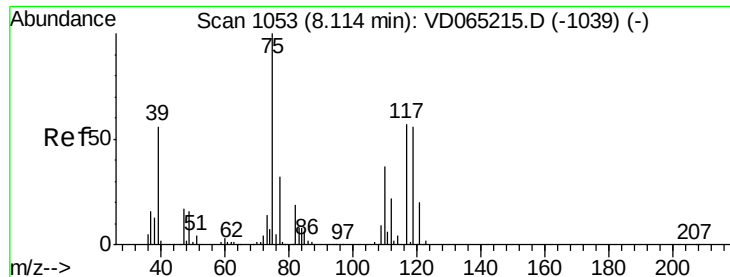


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

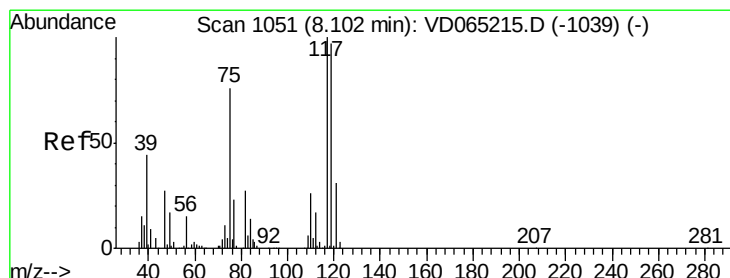
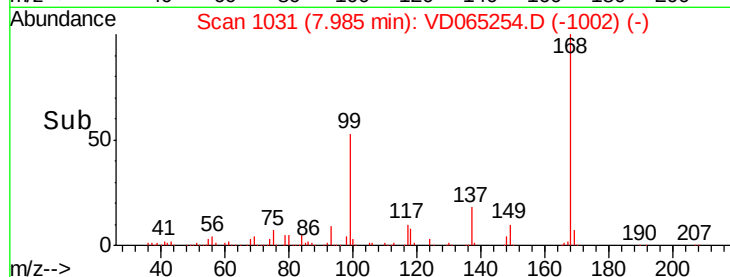
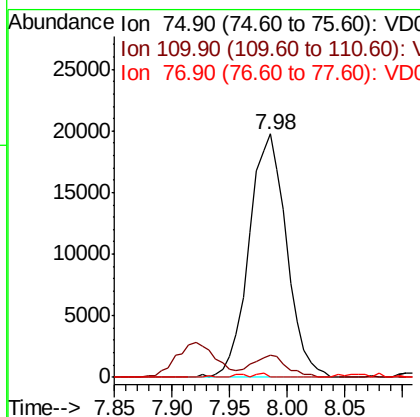
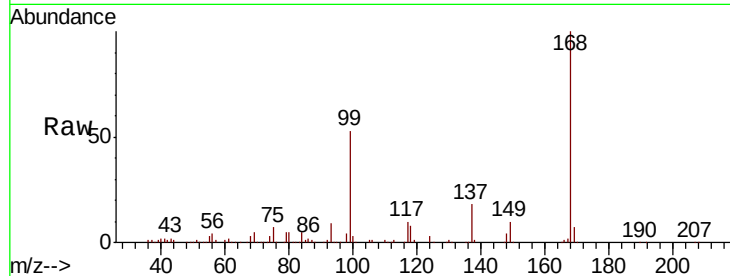




#36
 1,1-Dichloropropene
 Concen: 4.432 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

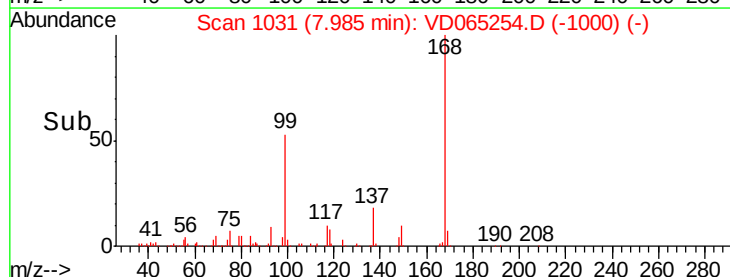
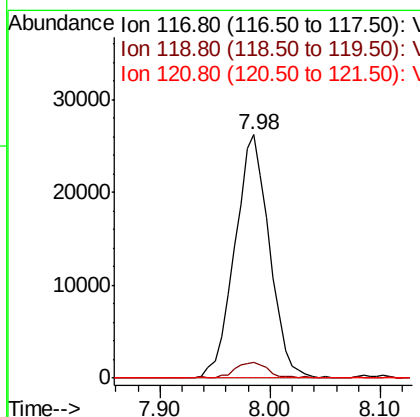
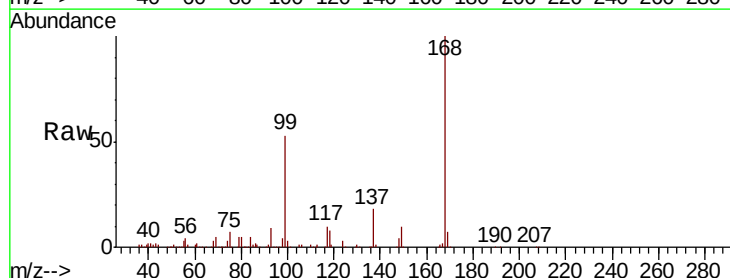
Instrument :
 MSVOA_D
 ClientSampled :

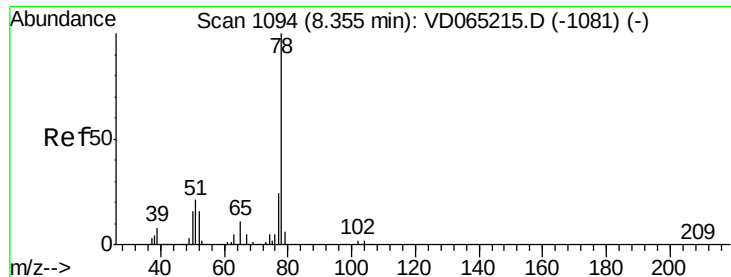
Tot Ion	75	Resp	44580
Ion Ratio	100	Lower	Upper
75	100		
110	8.5	17.9	53.7#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.621 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

Tgt Ion	117	Resp	57557
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	6.3	77.6	116.4#
121	0.0	24.8	37.2#





#40

Benzene

Concen: 17.624 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

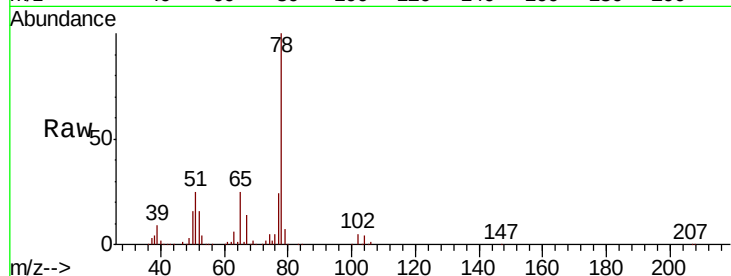
ClientSampleId :

Tot Ion: 78 Resp: 500397

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

8.36

250000

200000

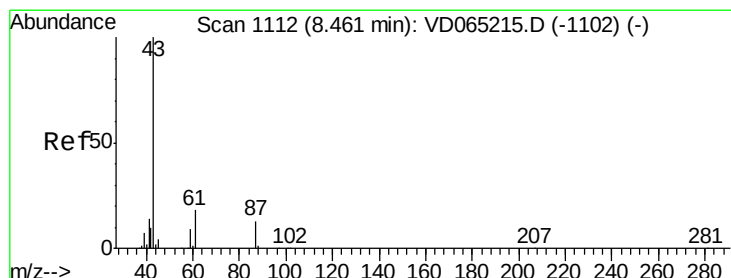
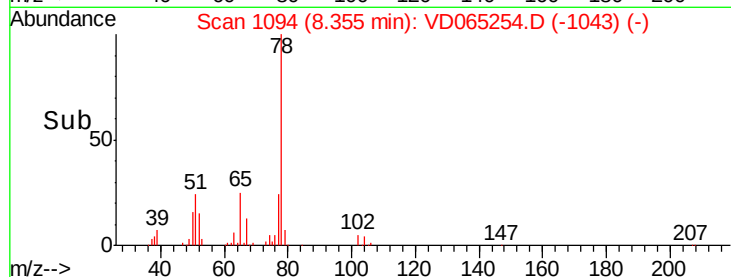
150000

100000

50000

0

Time-->



#43

Isopropyl Acetate

Concen: 1.310 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

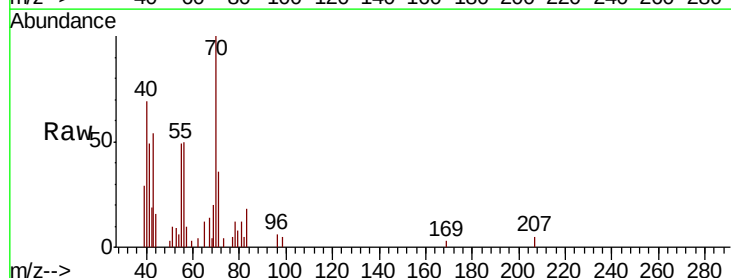
Tgt Ion: 43 Resp: 10016

Ion Ratio Lower Upper

43 100

61 0.0 24.6 36.8#

87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

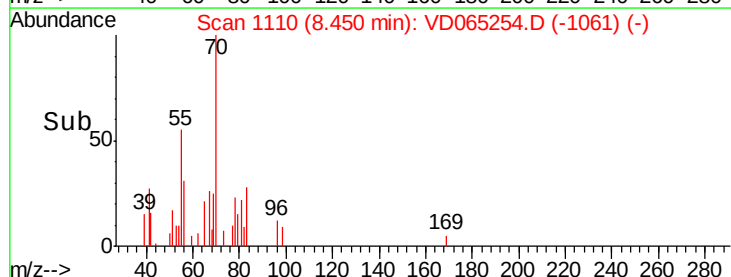
30000

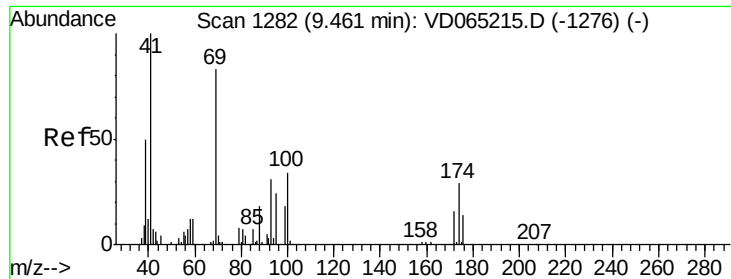
20000

10000

0

Time-->

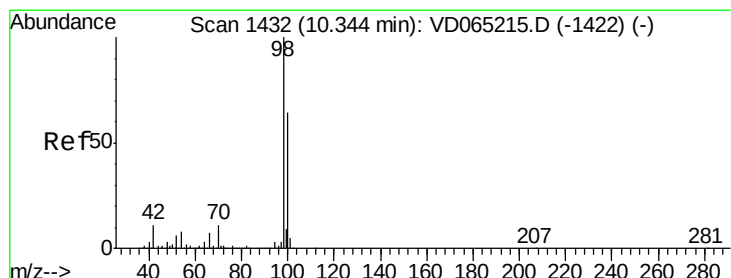
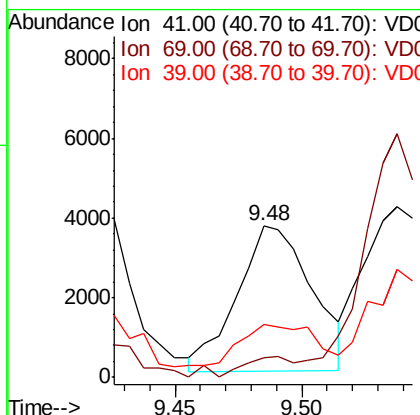
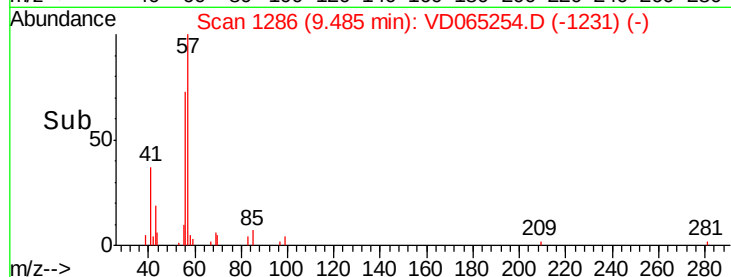
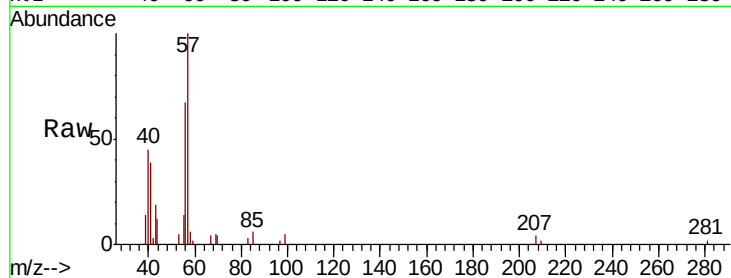




#48
Methyl methacrylate
Concen: 2.133 ug/l
RT: 9.48 min Scan# 1286
Delta R.T. 0.02 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

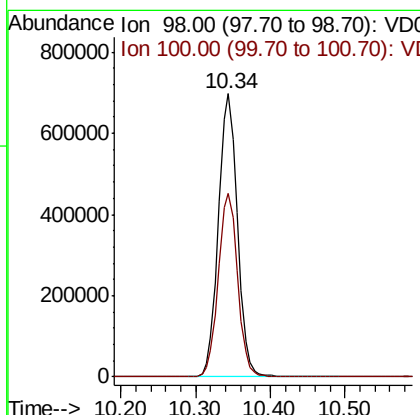
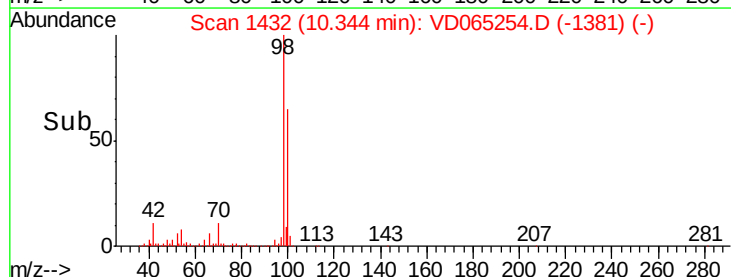
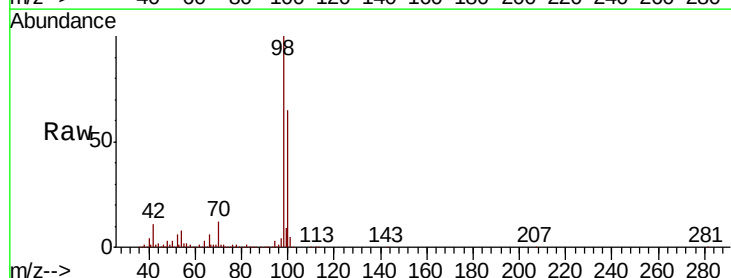
Instrument :
MSVOA_D
ClientSampleId :

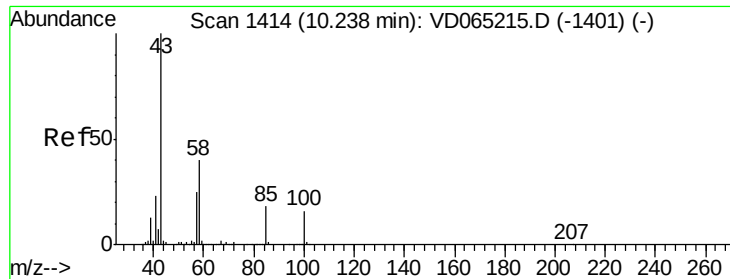
Tot Ion: 41 Resp: 7541
Ion Ratio Lower Upper
41 100
69 9.0 68.2 102.2#
39 28.3 42.0 63.0#



#50
Toluene-d8
Concen: 51.478 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 98 Resp: 1240502
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

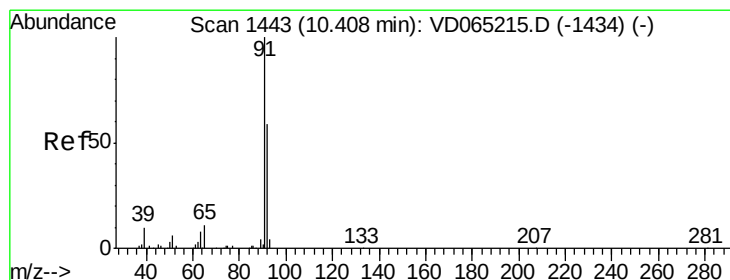
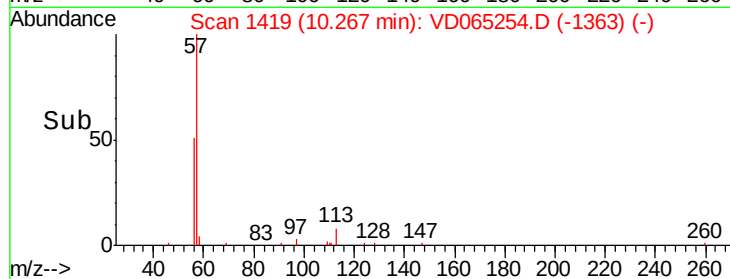
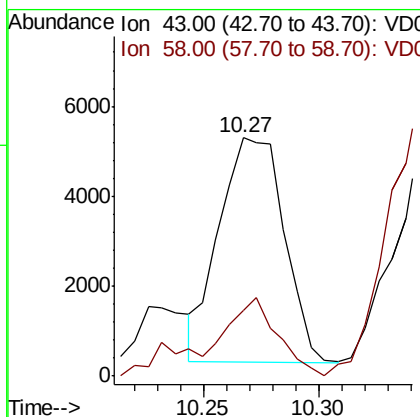
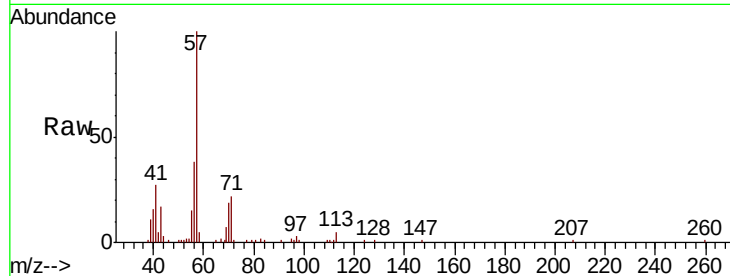




#51
 4-Methyl-2-Pentanone
 Concen: 2.505 ug/l
 RT: 10.27 min Scan# 1419
 Delta R.T. 0.03 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

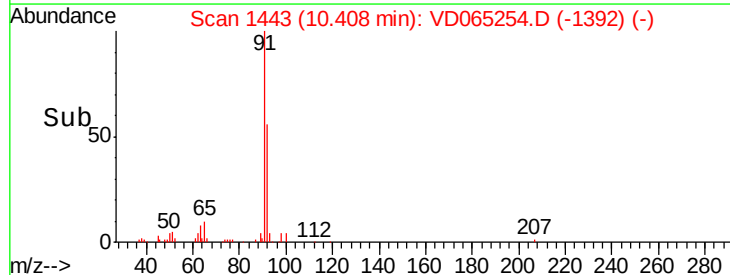
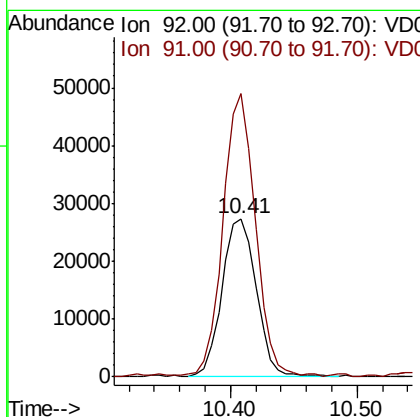
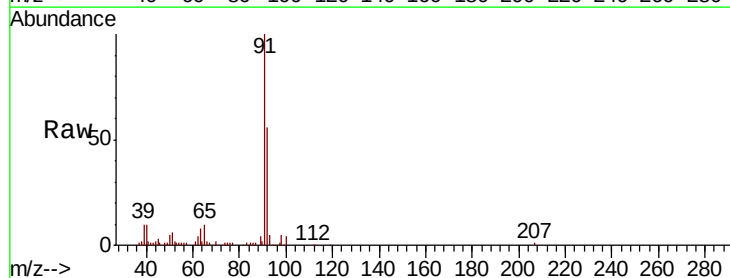
Instrument :
 MSVOA_D
 ClientSampleId :

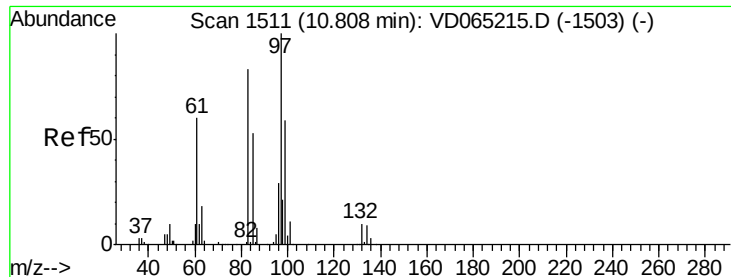
Tot Ion: 43 Resp: 9728
 Ion Ratio Lower Upper
 43 100
 58 27.3 31.1 46.7#



#52
 Toluene
 Concen: 2.928 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

Tgt Ion: 92 Resp: 51466
 Ion Ratio Lower Upper
 92 100
 91 166.7 136.3 204.5

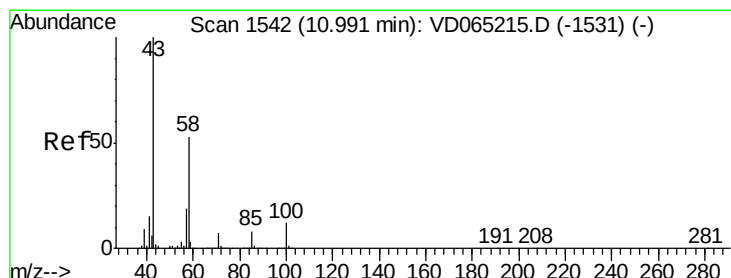
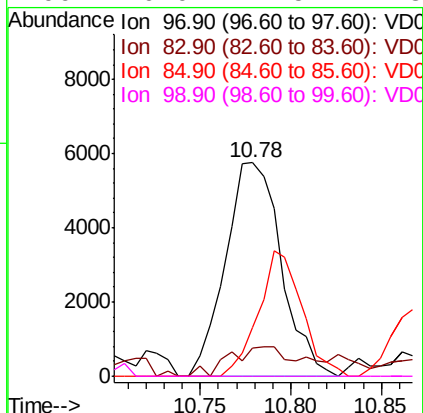
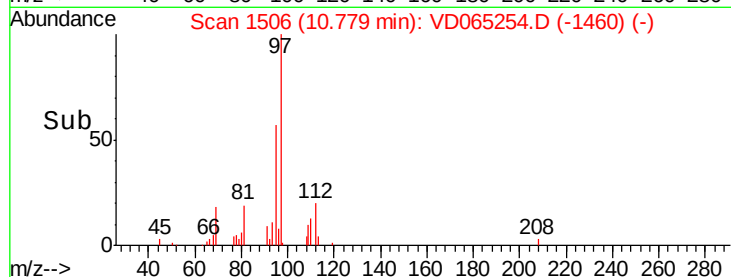
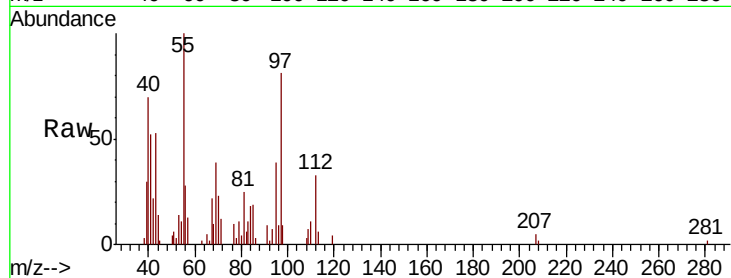




#55
 1,1,2-Trichloroethane
 Concen: 2.412 ug/l
 RT: 10.78 min Scan# 1506
 Delta R.T. -0.03 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

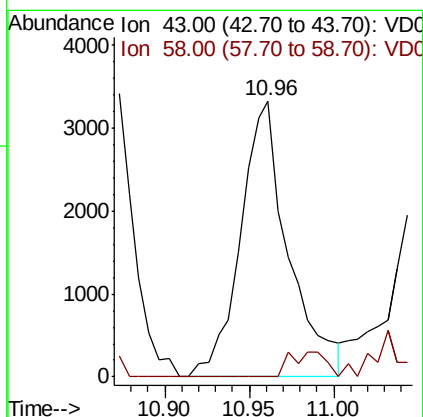
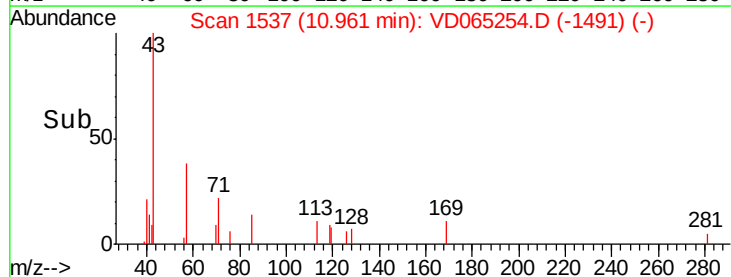
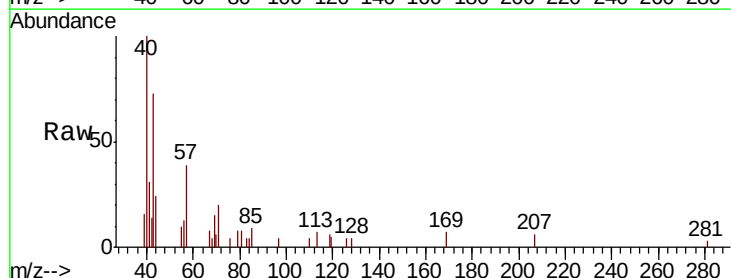
Instrument :
 MSVOA_D
 ClientSampleId :

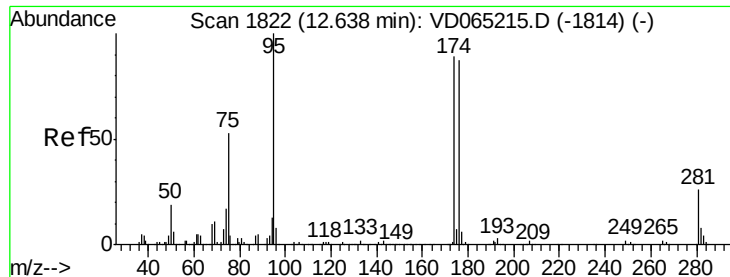
Tot Ion: 97 Resp: 12334
 Ion Ratio Lower Upper
 97 100
 83 13.2 66.7 100.1#
 85 23.0 42.4 63.6#
 99 0.0 47.5 71.3#



#59
 2-Hexanone
 Concen: 2.363 ug/l
 RT: 10.96 min Scan# 1537
 Delta R.T. -0.03 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

Tgt Ion: 43 Resp: 6570
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.3 78.8#

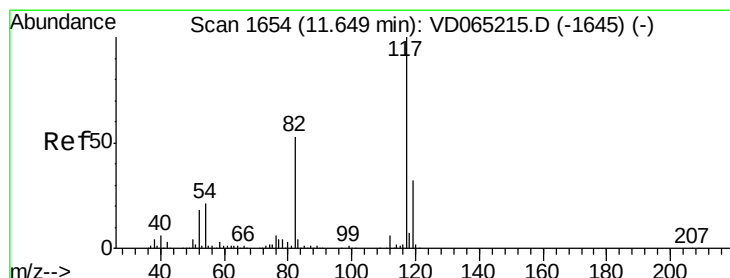
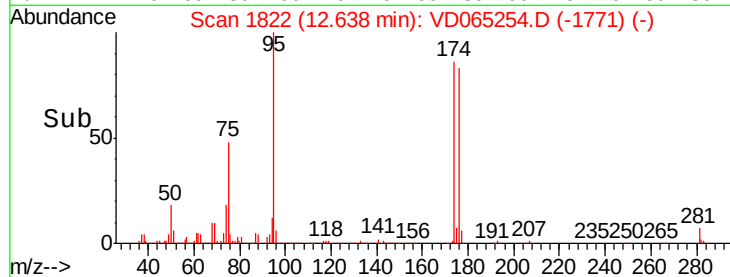
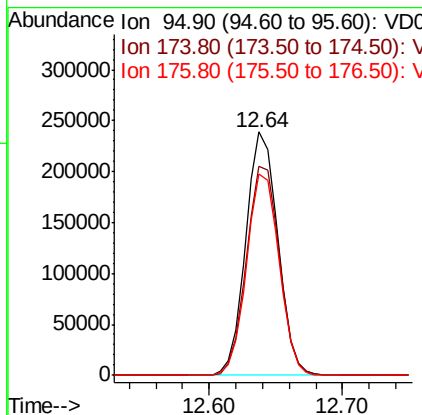
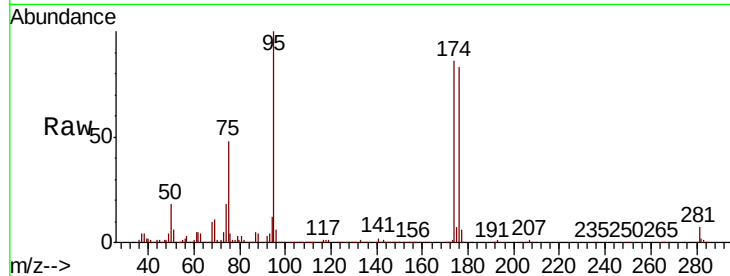




#62
4-Bromofluorobenzene
Concen: 51.603 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

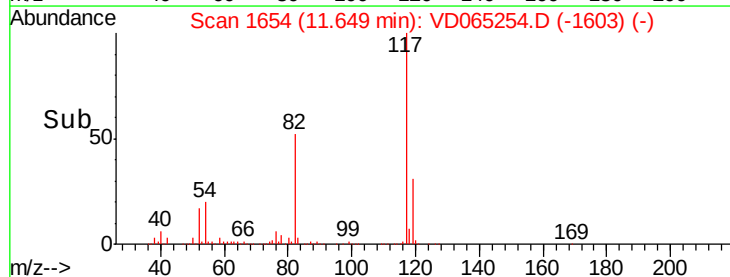
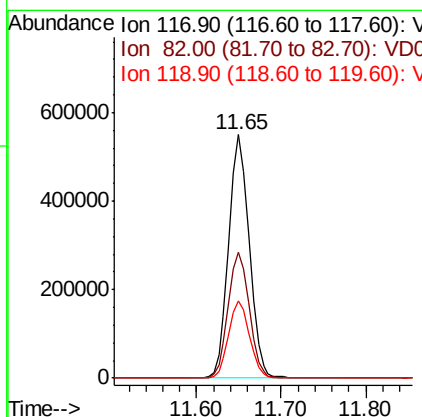
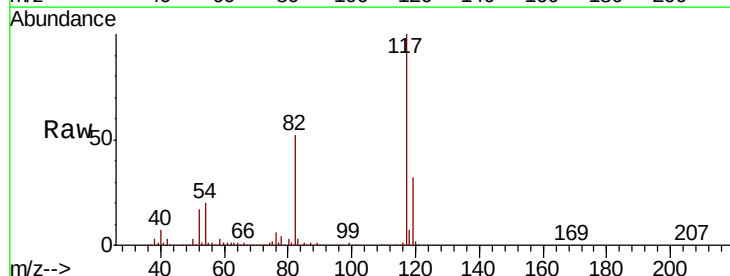
Instrument :
MSVOA_D
ClientSampleId :

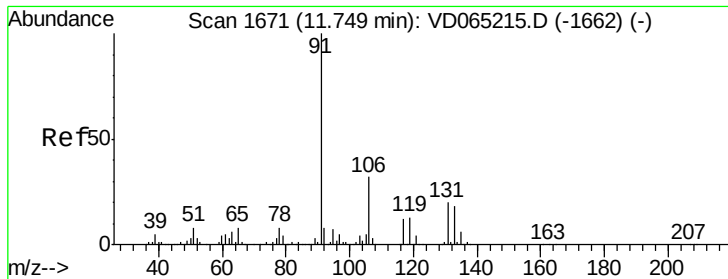
Tot Ion: 95 Resp: 393934
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.0
176 84.3 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 117 Resp: 921702
Ion Ratio Lower Upper
117 100
82 51.7 42.7 64.1
119 31.5 25.5 38.3





#67

Ethyl Benzene

Concen: 7.331 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

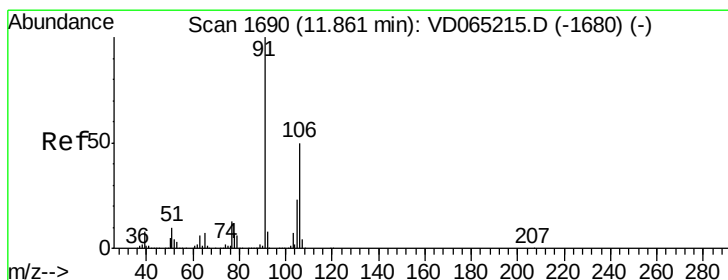
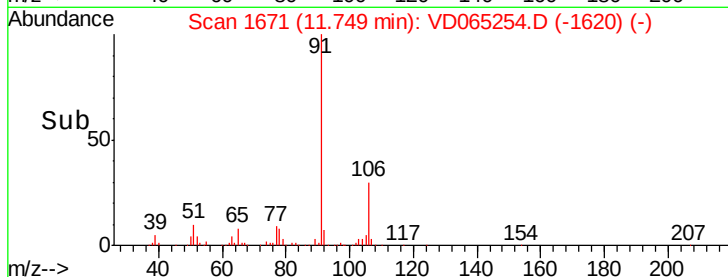
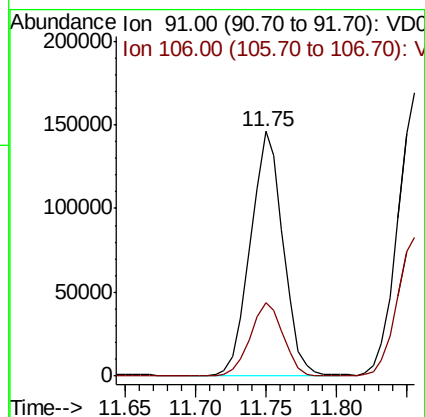
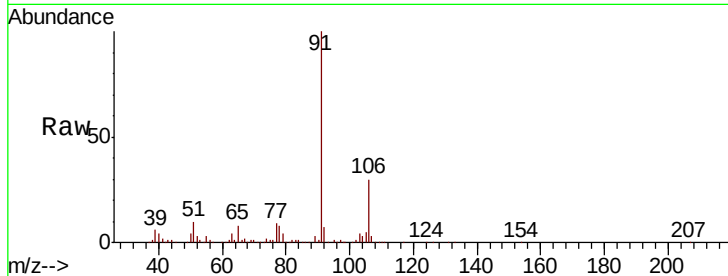
ClientSampleId :

Tot Ion: 91 Resp: 237495

Ion Ratio Lower Upper

91 100

106 29.8 25.2 37.8



#68

m/p-Xylenes

Concen: 12.839 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065254.D

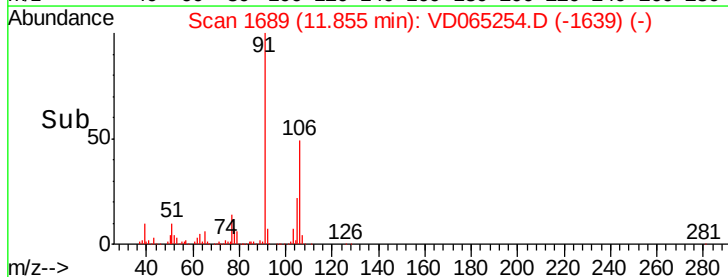
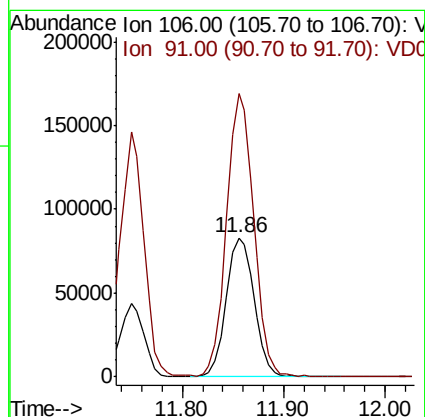
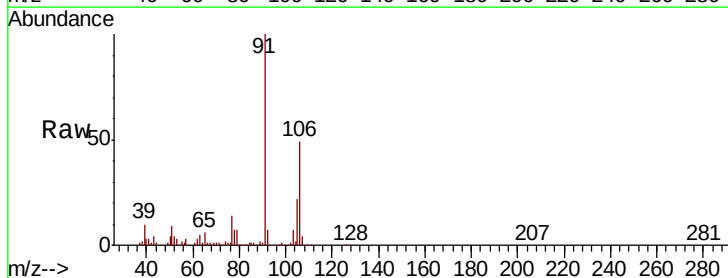
Acq: 20 Feb 2020 14:03

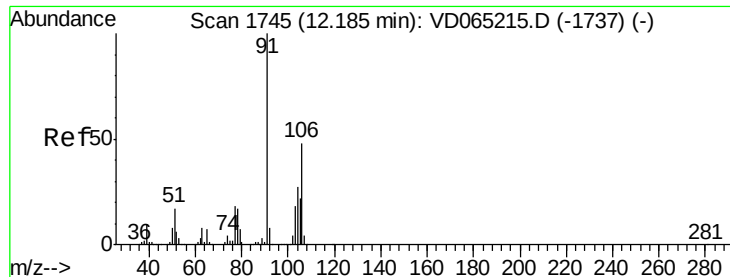
Tgt Ion: 106 Resp: 159123

Ion Ratio Lower Upper

106 100

91 197.0 158.2 237.4

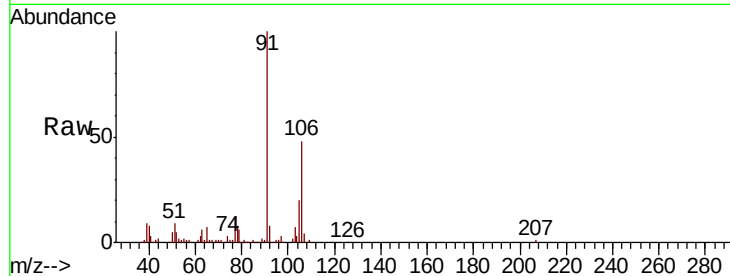




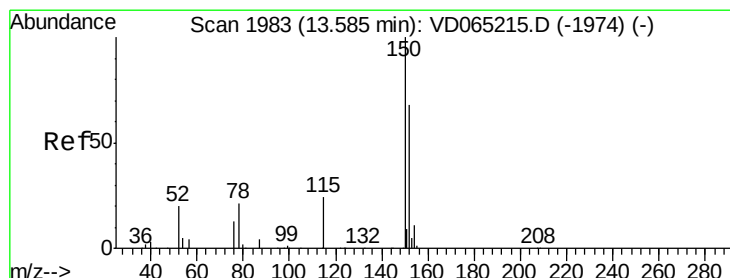
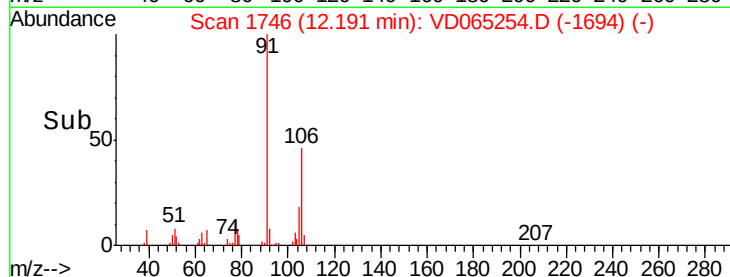
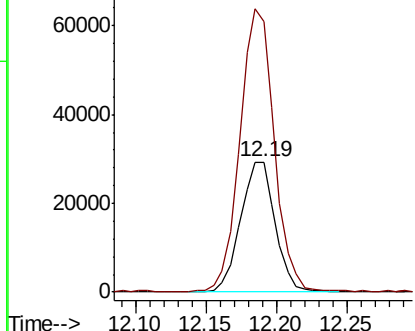
#69
o-Xylene
Concen: 4.583 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 50325
Ion Ratio Lower Upper
106 100
91 217.1 104.7 313.9

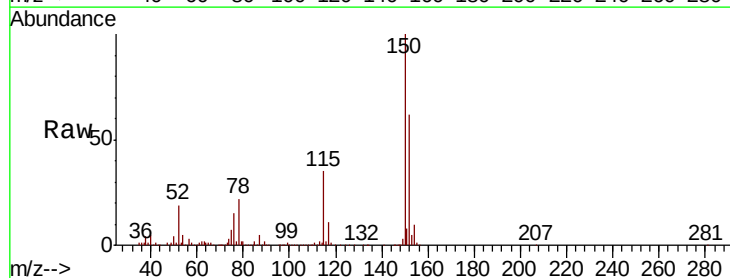


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

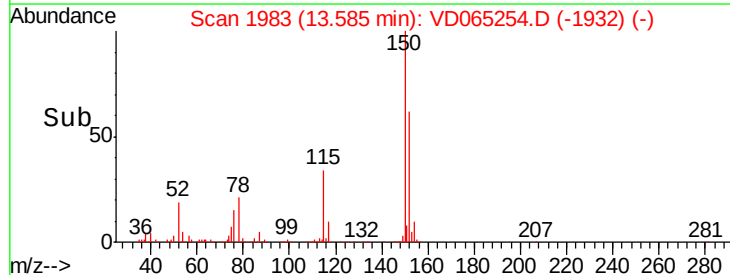
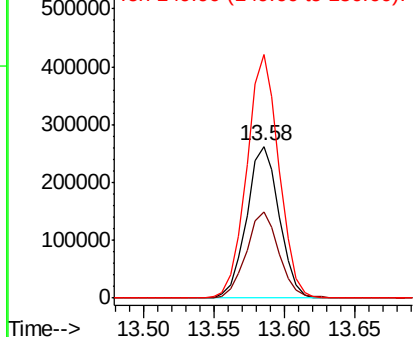


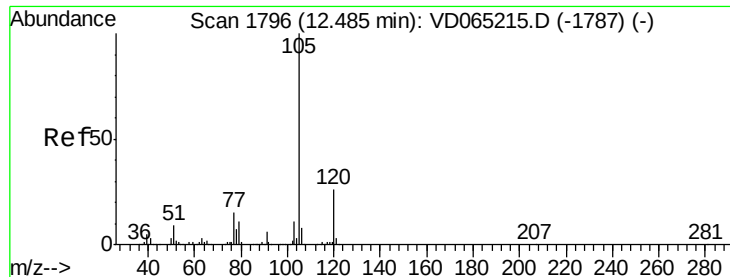
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:152 Resp: 424132
Ion Ratio Lower Upper
152 100
115 56.8 27.6 82.8
150 158.1 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





#73

Isopropylbenzene

Concen: 5.335 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

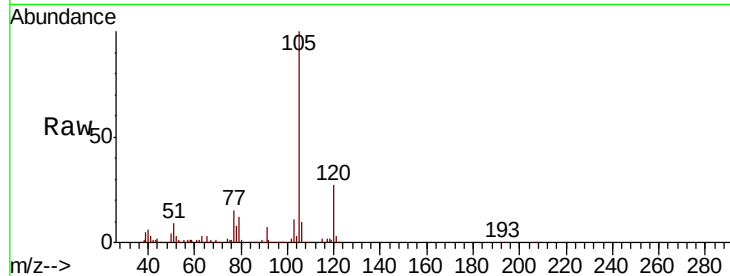
ClientSampleId :

Tot Ion:105 Resp: 149806

Ion Ratio Lower Upper

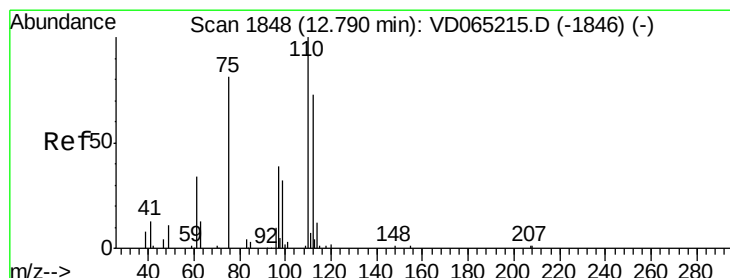
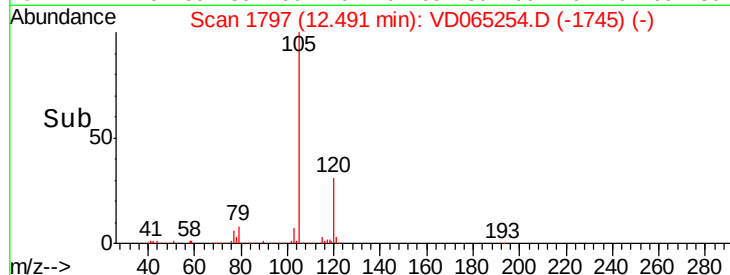
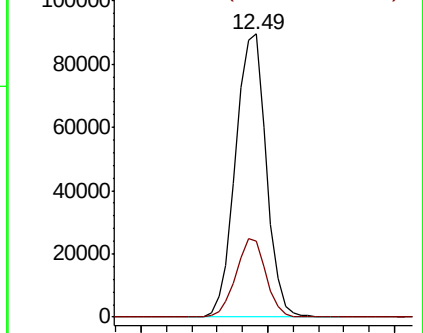
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 54.155 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065254.D

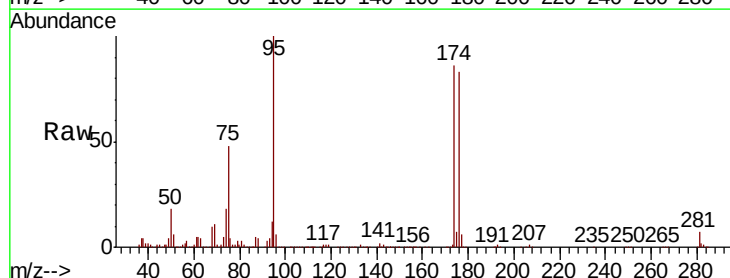
Acq: 20 Feb 2020 14:03

Tgt Ion: 75 Resp: 195426

Ion Ratio Lower Upper

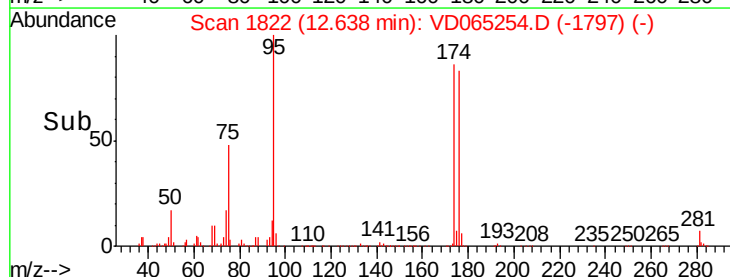
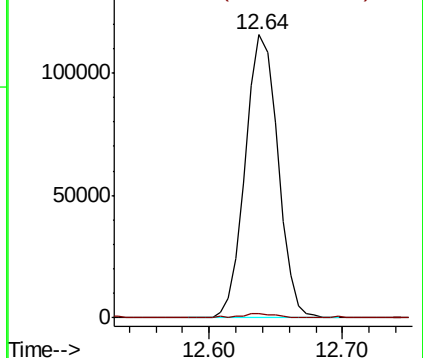
75 100

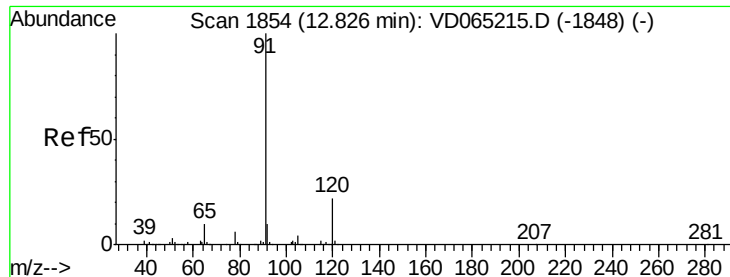
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#78

n-propylbenzene

Concen: 20.831 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

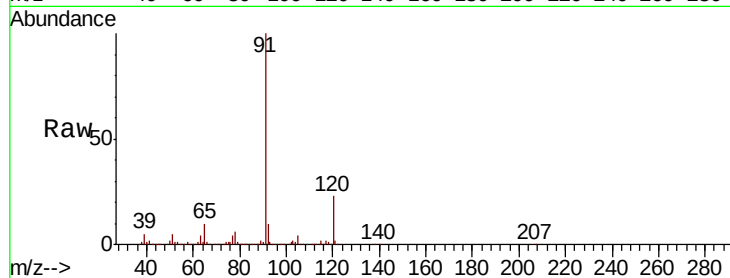
ClientSampleId :

Tot Ion: 91 Resp: 702919

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

12.83

400000

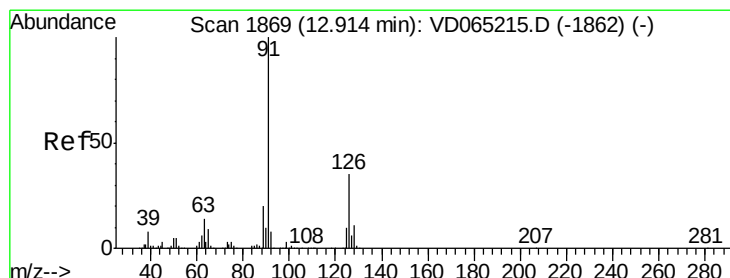
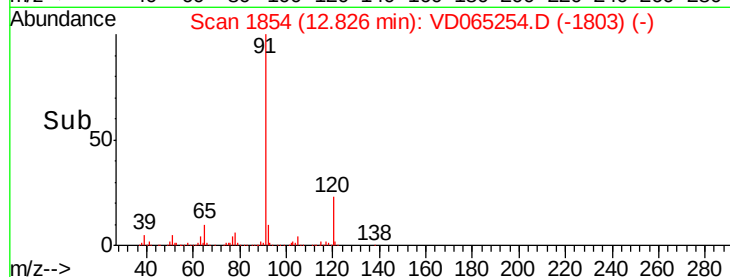
300000

200000

100000

0

Time-->



#79

2-Chlorotoluene

Concen: 37.185 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.09 min

Lab File: VD065254.D

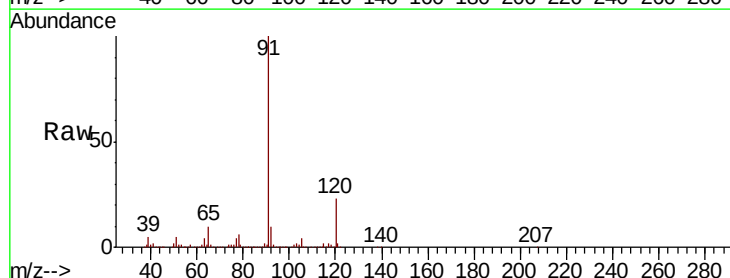
Acq: 20 Feb 2020 14:03

Tgt Ion: 91 Resp: 702919

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

12.83

400000

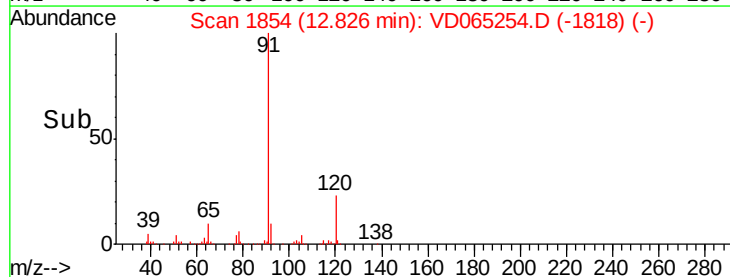
300000

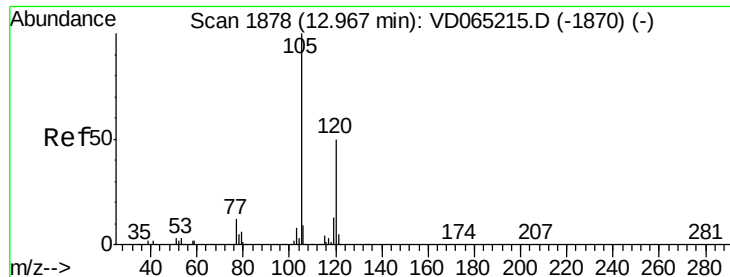
200000

100000

0

Time-->

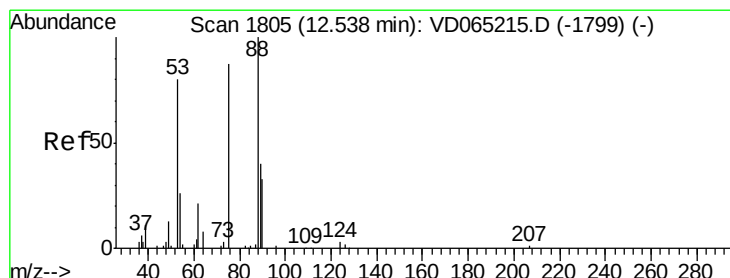
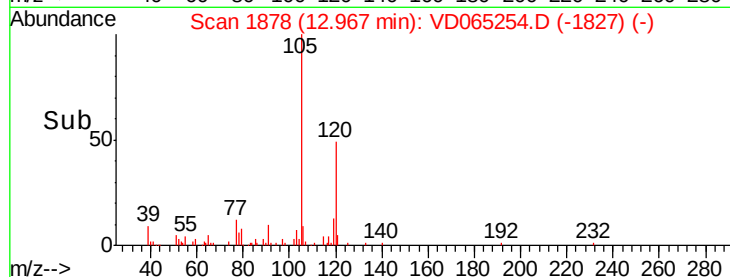
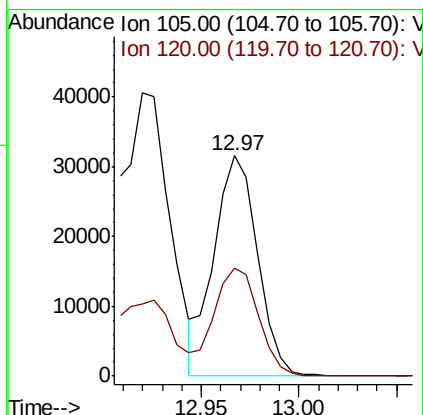
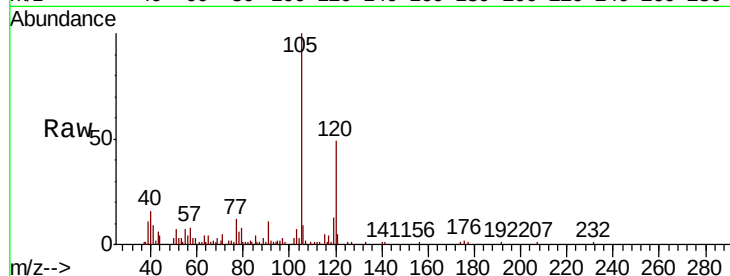




#80
 1,3,5-Trimethylbenzene
 Concen: 2.115 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

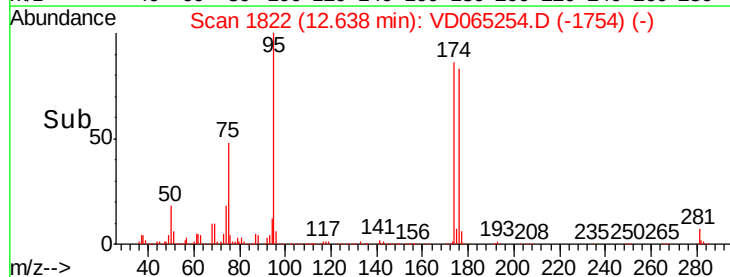
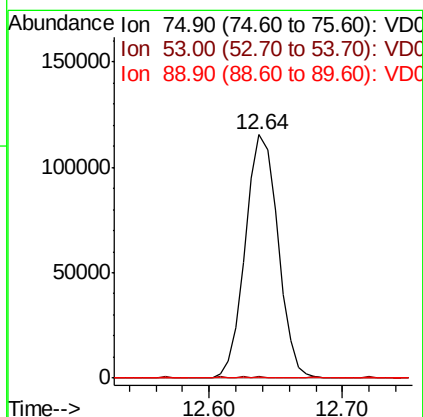
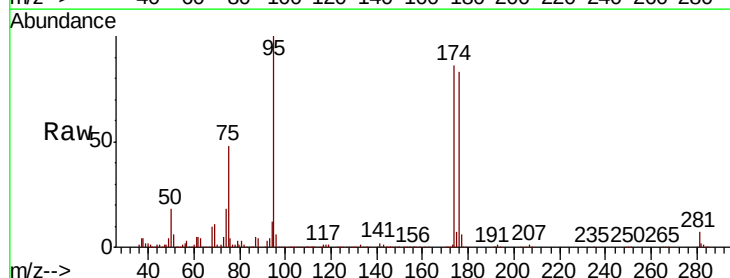
Instrument :
 MSVOA_D
 ClientSampleId :

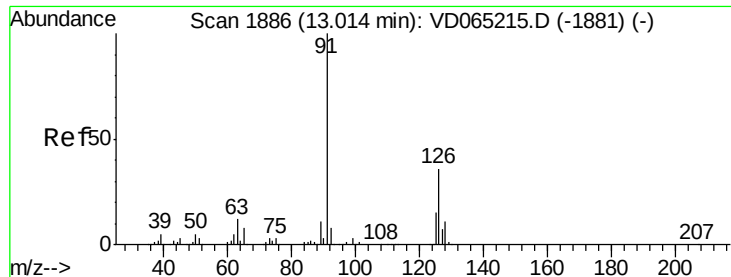
Tot Ion:105 Resp: 48911
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.930 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065254.D
 Acq: 20 Feb 2020 14:03

Tgt Ion: 75 Resp: 195426
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.6 116.4#
 89 0.0 37.2 55.8#

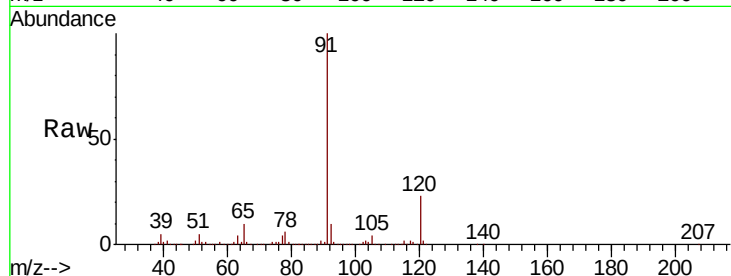




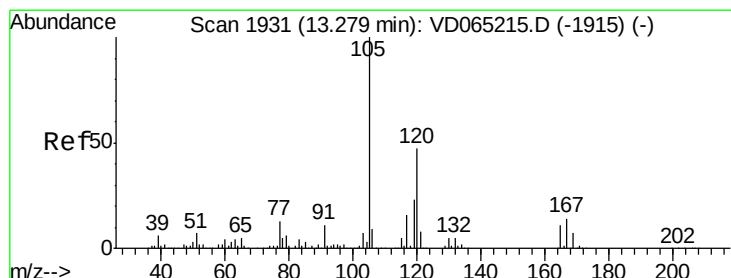
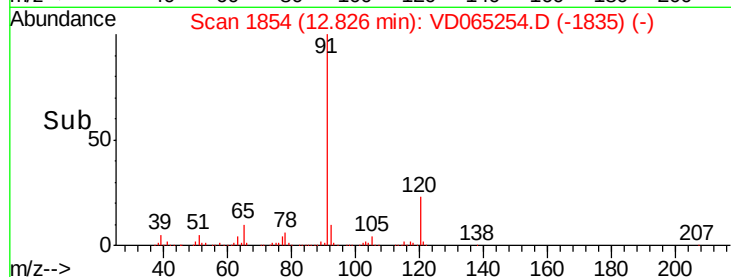
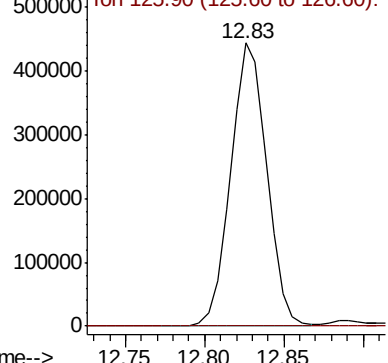
#82
4-Chlorotoluene
Concen: 35.026 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.19 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 702919
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#

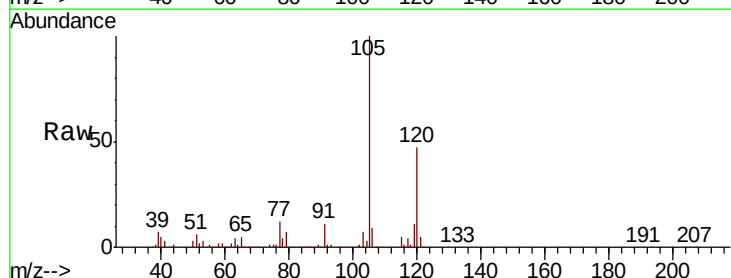


Abundance Ion 91.00 (90.70 to 91.70): VD
Ion 125.90 (125.60 to 126.60): V

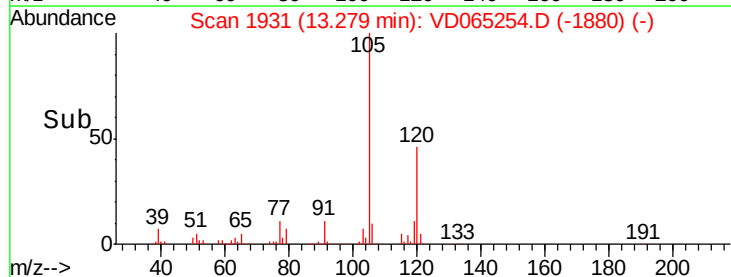
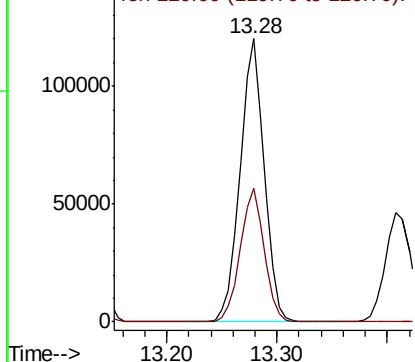


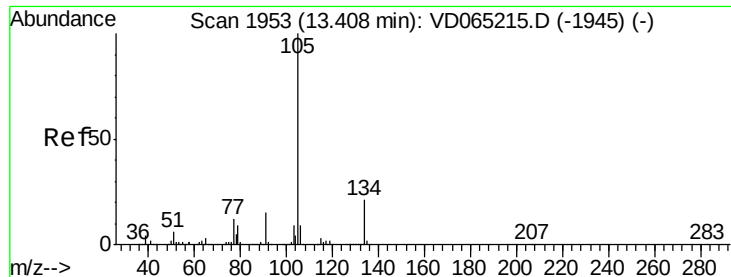
#84
1,2,4-Trimethylbenzene
Concen: 7.993 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:105 Resp: 185018
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.681 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

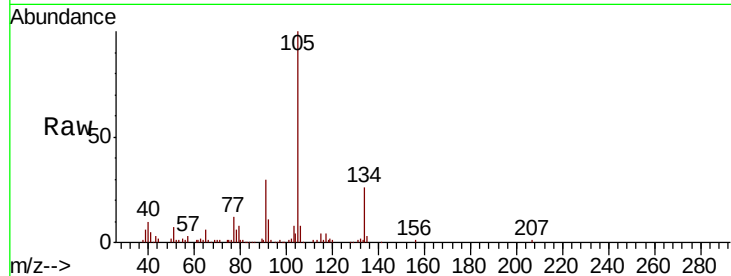
ClientSampleId :

Tot Ion:105 Resp: 74888

Ion Ratio Lower Upper

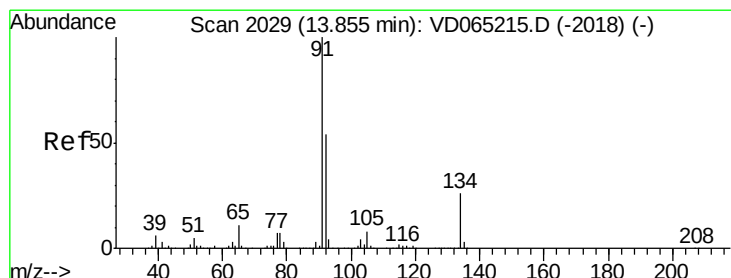
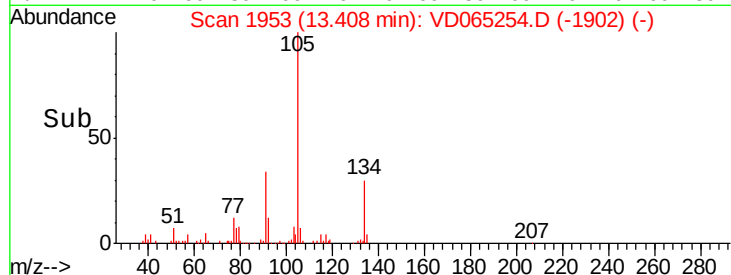
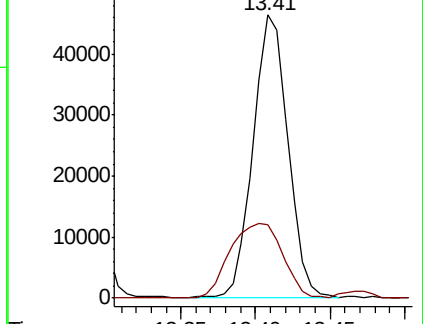
105 100

134 40.2 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 7.349 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

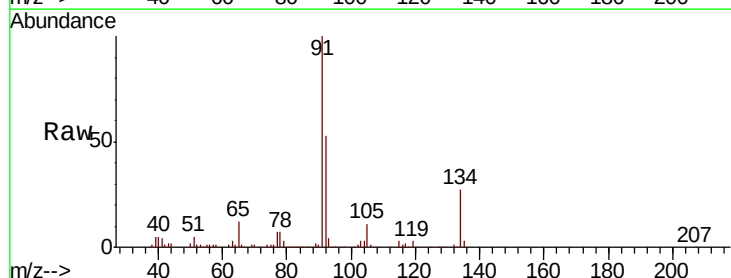
Tgt Ion: 91 Resp: 172978

Ion Ratio Lower Upper

91 100

92 48.7 27.0 80.8

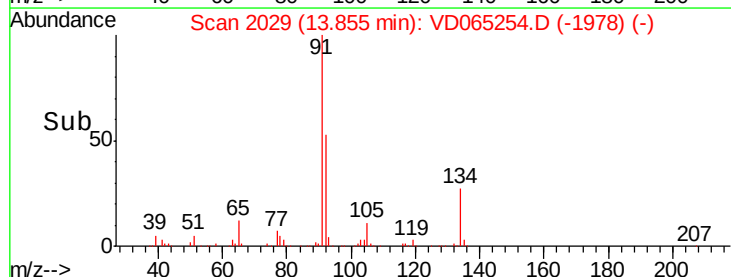
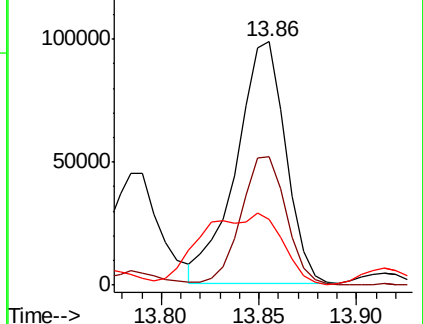
134 47.4 13.5 40.4#

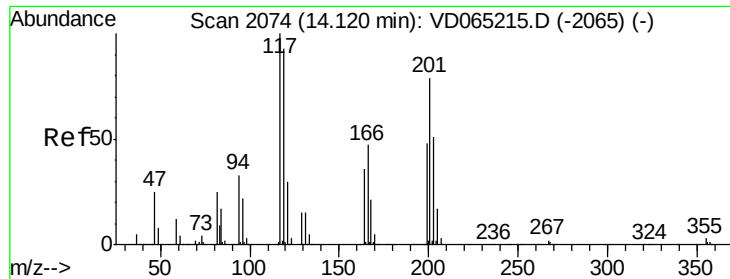


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 13.716 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

Instrument :

MSVOA_D

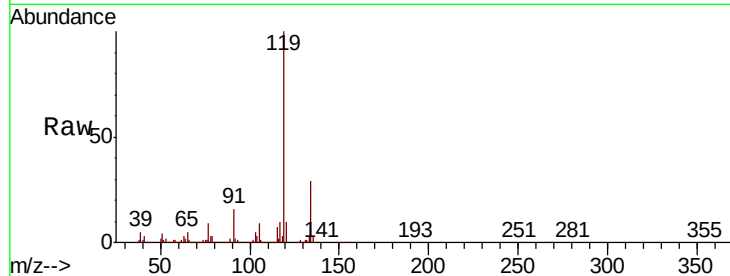
ClientSampleId :

Tot Ion:117 Resp: 71137

Ion Ratio Lower Upper

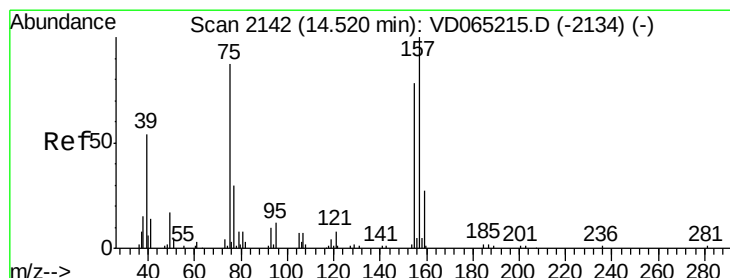
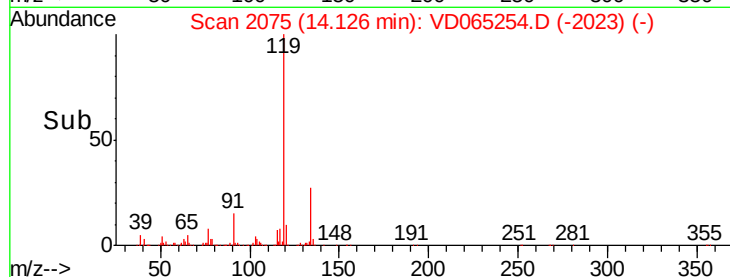
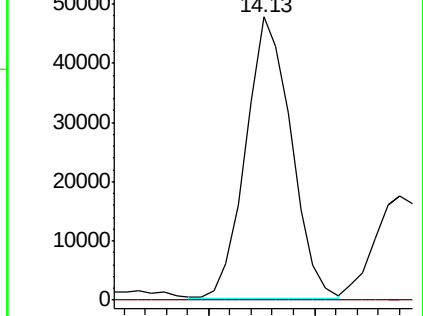
117 100

201 0.0 41.3 124.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.045 ug/l

RT: 14.53 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VD065254.D

Acq: 20 Feb 2020 14:03

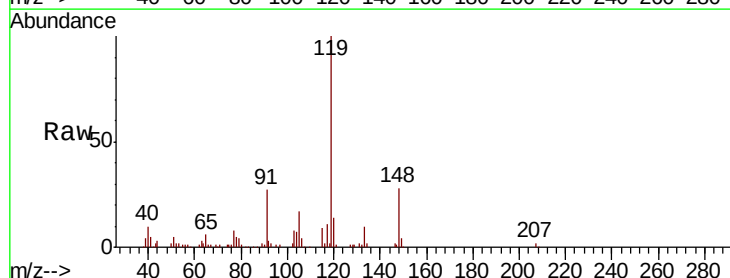
Tgt Ion: 75 Resp: 816

Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.9#

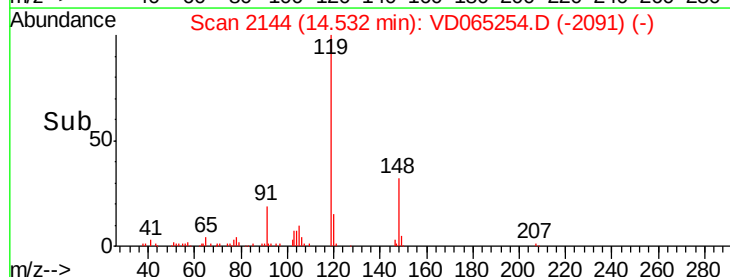
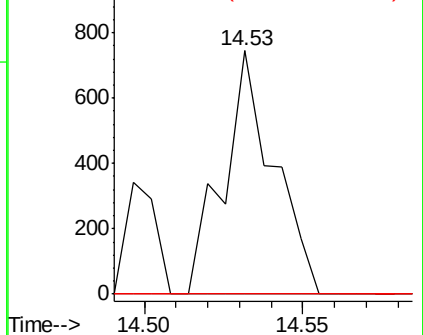
157 0.0 56.7 170.1#

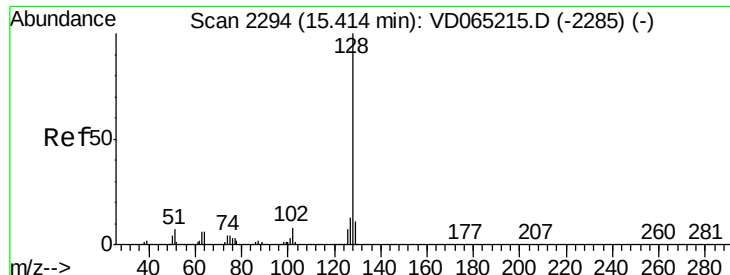


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

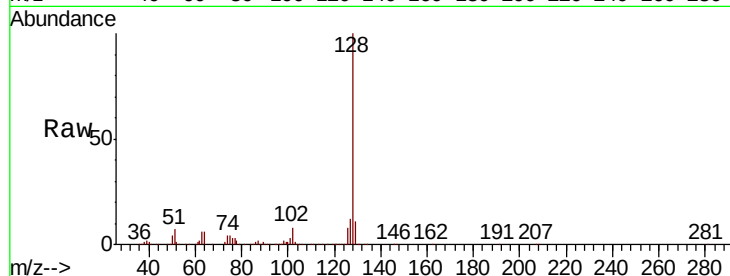




#95
Naphthalene
Concen: 73.374 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.8	13.2



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

