

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065253.D
 Acq On : 20 Feb 2020 13:35
 Operator : VA/SY
 Sample : L1601-05
 Misc : 5.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 21 04:03:02 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	663563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1063830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	937636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	412912	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	293506	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	7.92	113	313052	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	10.34	98	1268965	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.64	95	393367	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.25	59	5447	15.270	ug/l #	72
13) Acrolein	3.88	56	3749	Below Cal	#	1
15) Acrylonitrile	5.48	53	4713	3.420	ug/l #	42
16) Acetone	4.17	43	48807	33.447	ug/l	96
19) Methyl tert-butyl Ether	5.49	73	35781	2.789	ug/l #	1
20) Methylene Chloride	4.97	84	21162	Below Cal		88
25) 2-Butanone	7.22	43	13127	7.110	ug/l #	84
29) Tetrahydrofuran	7.57	42	1367	1.264	ug/l #	54
31) Cyclohexane	7.99	56	111144	9.469	ug/l #	88
36) 1,1-Dichloropropene	7.99	75	46775	4.519	ug/l #	49
37) Ethyl Acetate	7.22	43	13127	3.034	ug/l #	87
38) Carbon Tetrachloride	7.99	117	60585	5.750	ug/l #	16
39) Methylcyclohexane	9.36	83	93349	7.671	ug/l	92
40) Benzene	8.36	78	432913	14.817	ug/l	98
41) Methacrylonitrile	7.57	41	3458	1.384	ug/l #	32
43) Isopropyl Acetate	8.46	43	12889	1.638	ug/l #	51
48) Methyl methacrylate	9.50	41	9418	2.589	ug/l #	25
51) 4-Methyl-2-Pentanone	10.27	43	39466	9.875	ug/l #	87
52) Toluene	10.41	92	98078	5.423	ug/l	98
55) 1,1,2-Trichloroethane	10.77	97	22286	4.236	ug/l #	29
59) 2-Hexanone	10.96	43	27373	9.568	ug/l #	32
67) Ethyl Benzene	11.75	91	213646	6.483	ug/l	99
68) m/p-Xylenes	11.86	106	237724	18.855	ug/l	99
69) o-Xylene	12.19	106	64164	5.744	ug/l	98
73) Isopropylbenzene	12.48	105	163045	5.964	ug/l	98
74) N-amyl acetate	12.27	43	20281	3.339	ug/l #	72
76) 1,2,3-Trichloropropane	12.64	75	197664	56.264	ug/l #	100
78) n-propylbenzene	12.83	91	718944	21.885	ug/l	100
79) 2-Chlorotoluene	12.83	91	718944	39.066	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.97	105	74295	3.300	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.64	75	197664	121.483	ug/l #	11
82) 4-Chlorotoluene	12.83	91	718944	36.798	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.28	105	181564	8.057	ug/l	98
85) sec-Butylbenzene	13.41	105	69667	2.562	ug/l #	52

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

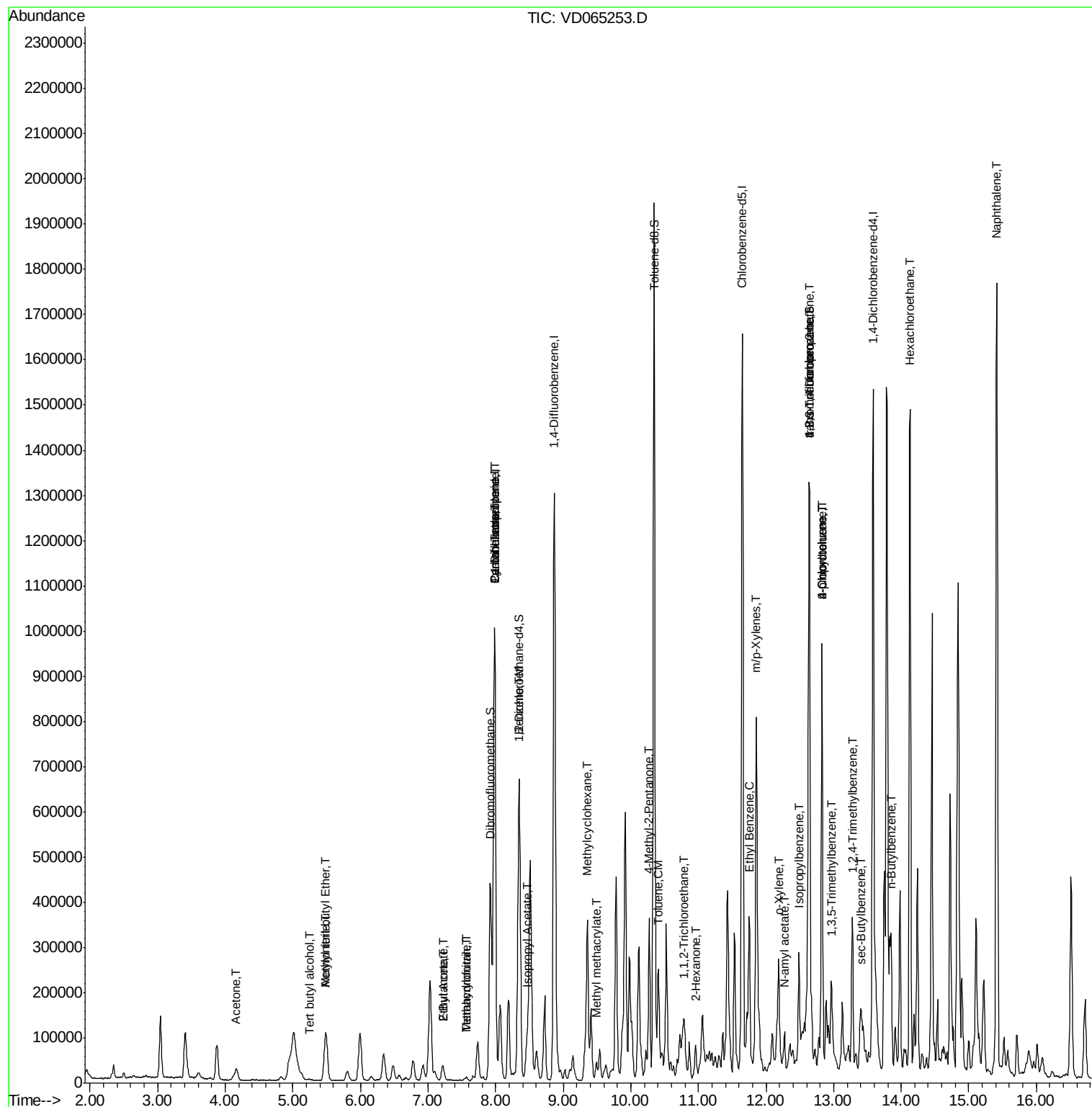
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.86	91	170426	7.438	ug/l #	78
90) Hexachloroethane	14.13	117	79297	15.705	ug/l #	8
95) Naphthalene	15.41	128	1533414	127.976	ug/l	100

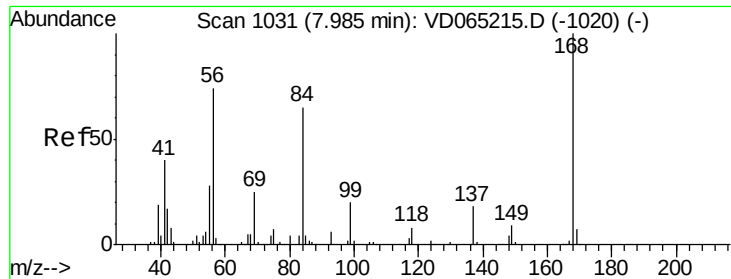
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

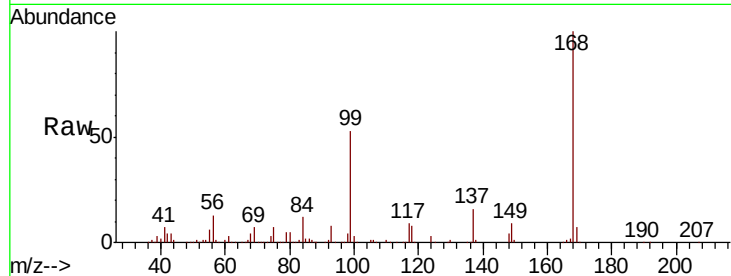
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 663563

Ion Ratio Lower Upper

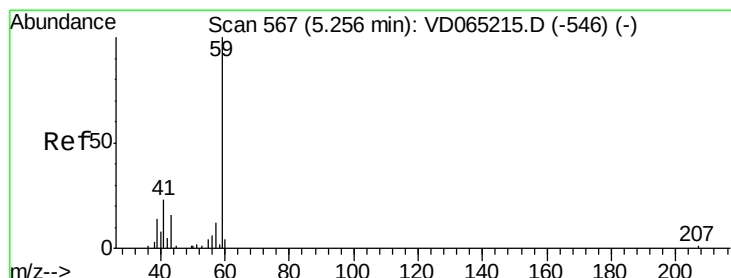
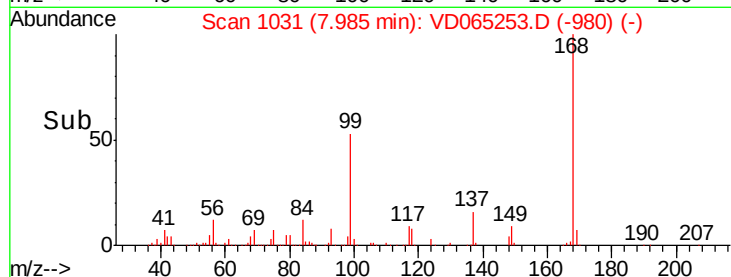
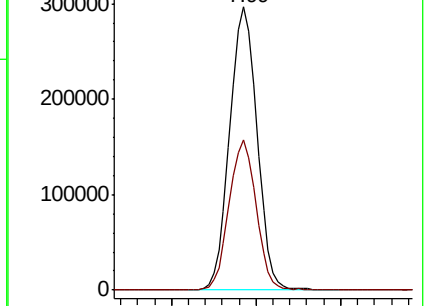
168 100

99 53.1 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: 15.270 ug/l

RT: 5.25 min Scan# 566

Delta R.T. -0.01 min

Lab File: VD065253.D

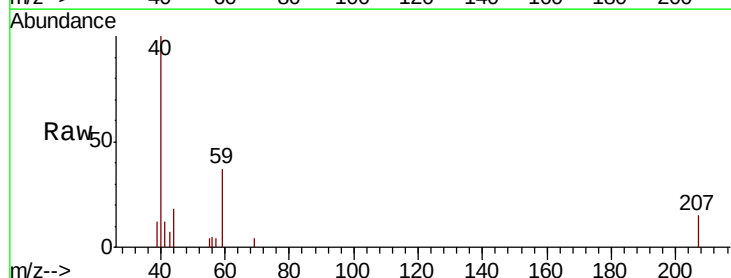
Acq: 20 Feb 2020 13:35

Tgt Ion: 59 Resp: 5447

Ion Ratio Lower Upper

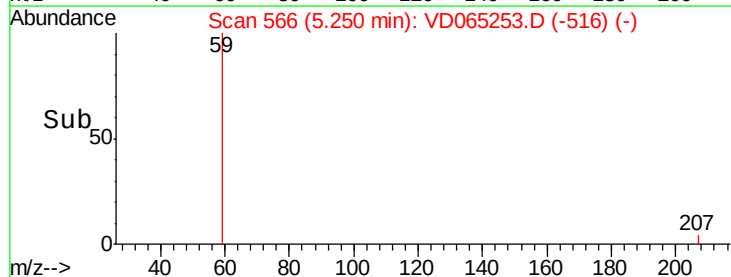
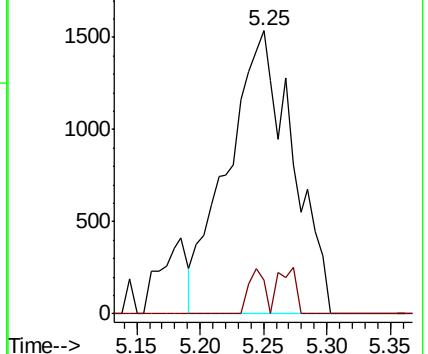
59 100

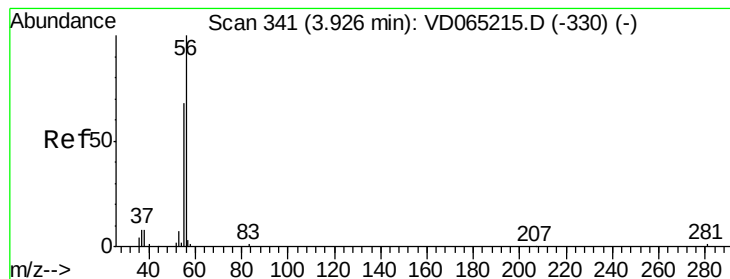
57 0.0 8.4 12.6#



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: 3.88 min Scan# 333

Delta R.T. -0.05 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :

MSVOA_D

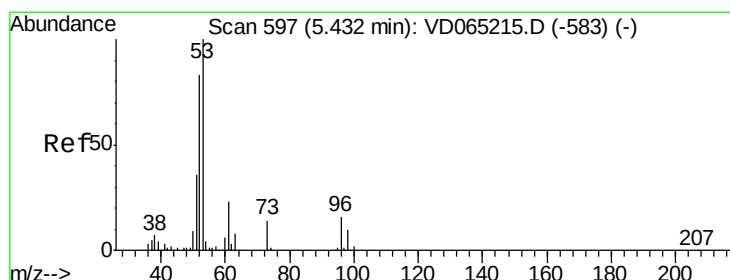
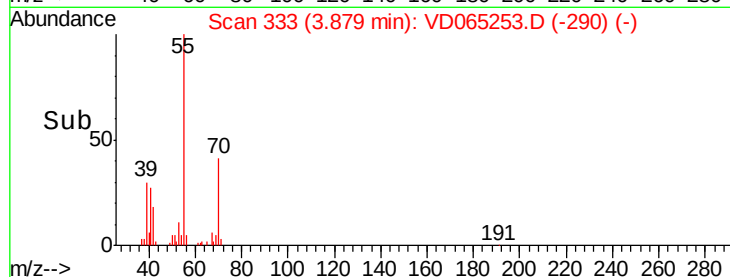
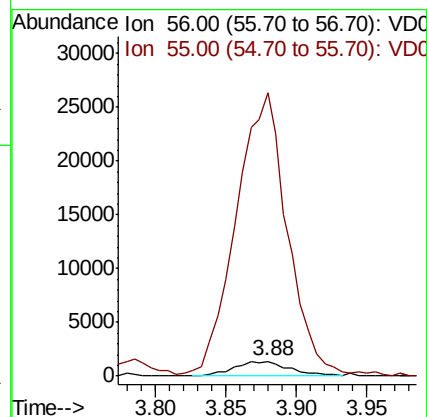
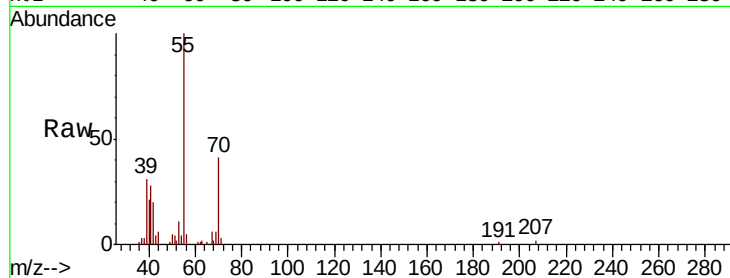
ClientSampleId :

Tot Ion: 56 Resp: 3749

Ion Ratio Lower Upper

56 100

55 1761.2 56.6 85.0#



#15

Acrylonitrile

Concen: 3.420 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.05 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

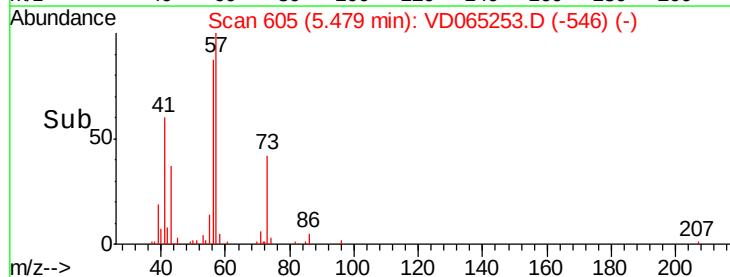
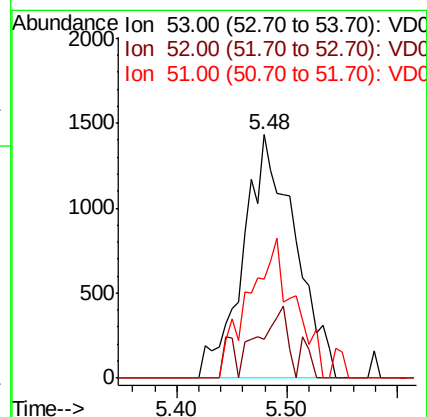
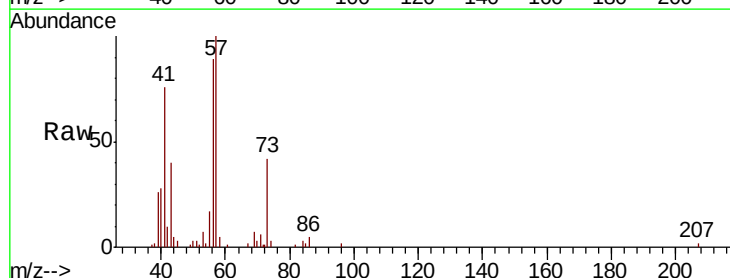
Tgt Ion: 53 Resp: 4713

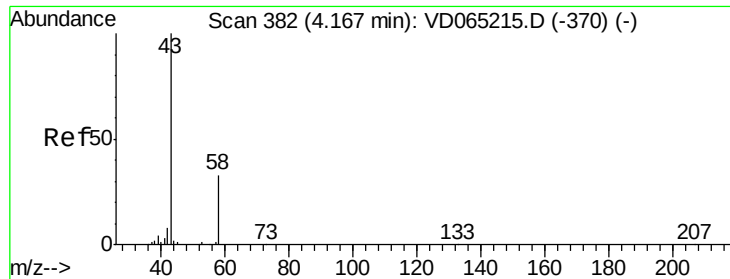
Ion Ratio Lower Upper

53 100

52 16.2 65.4 98.2#

51 50.3 29.5 44.3#





#16

Acetone

Concen: 33.447 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

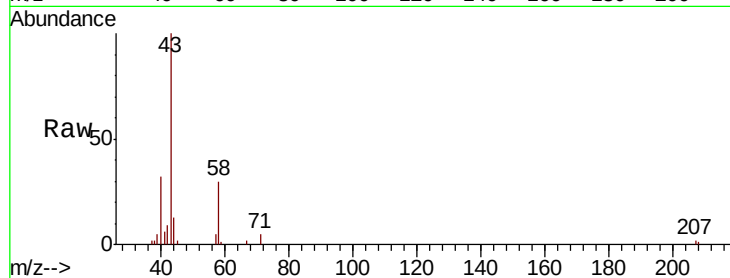
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 48807

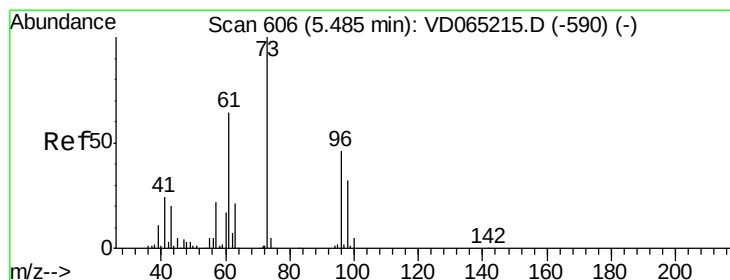
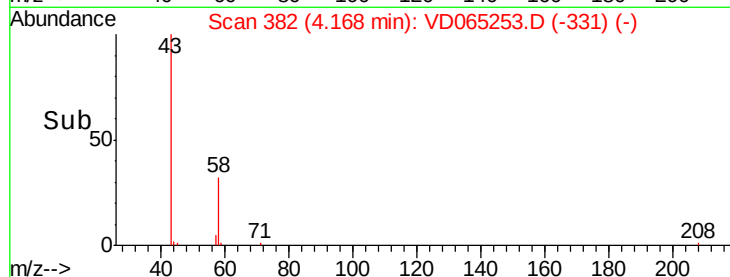
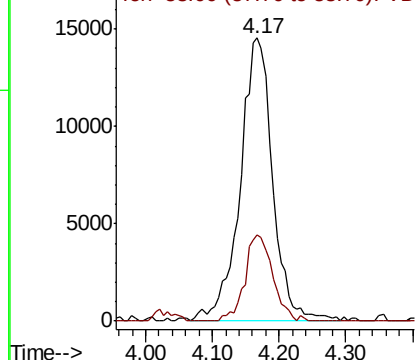
Ion Ratio Lower Upper

43 100

58 30.3 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: 2.789 ug/l

RT: 5.49 min Scan# 606

Delta R.T. 0.00 min

Lab File: VD065253.D

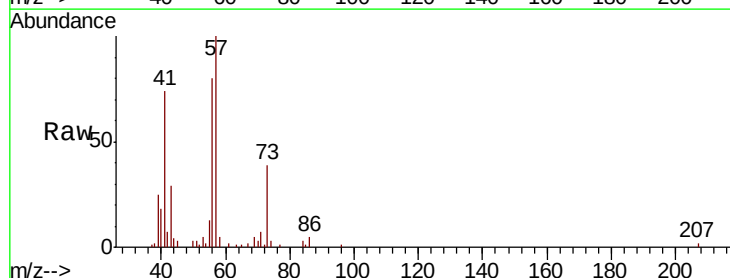
Acq: 20 Feb 2020 13:35

Tgt Ion: 73 Resp: 35781

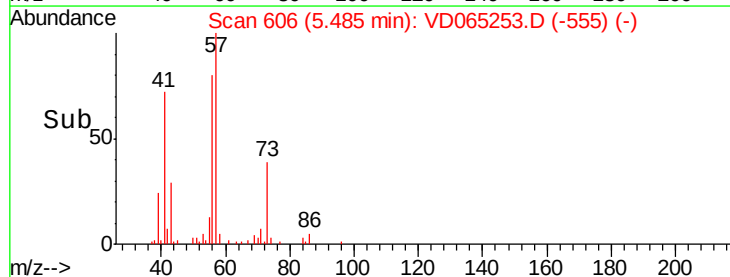
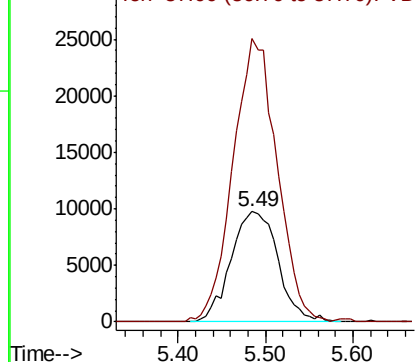
Ion Ratio Lower Upper

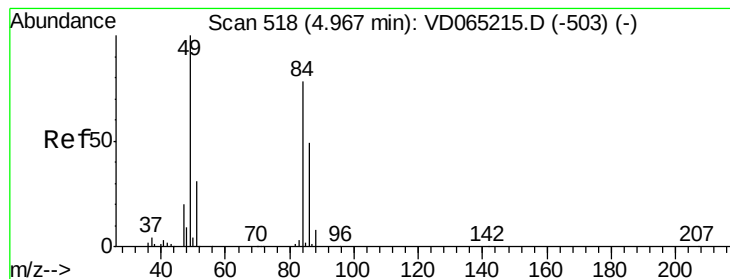
73 100

57 255.0 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: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 21162

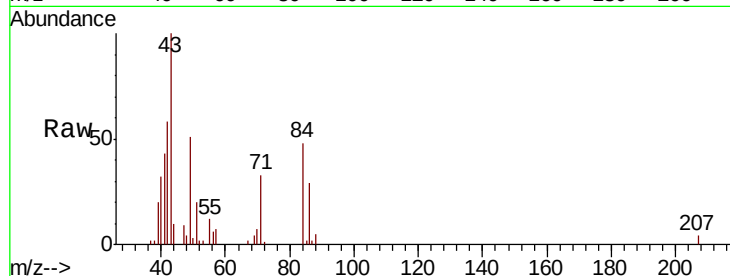
Ion Ratio Lower Upper

84 100

49 106.3 103.1 154.7

51 41.5 31.7 47.5

86 60.4 50.9 76.3



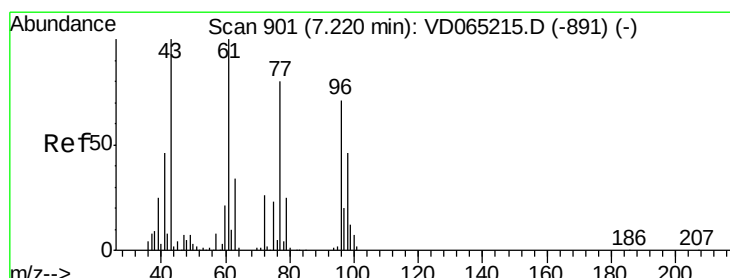
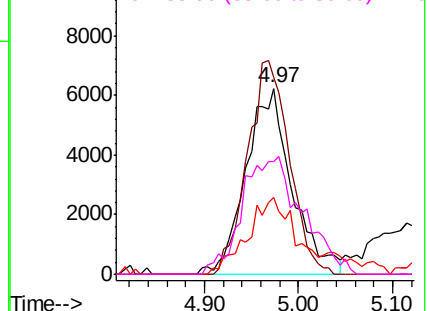
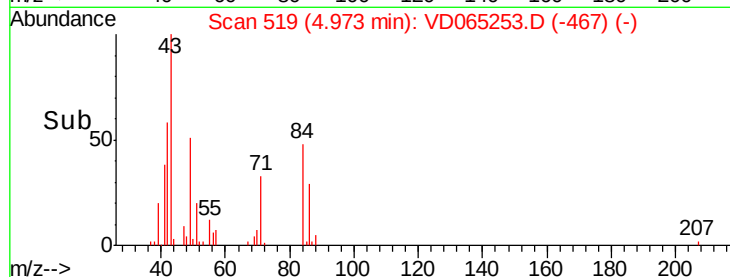
Abundance

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: 7.110 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065253.D

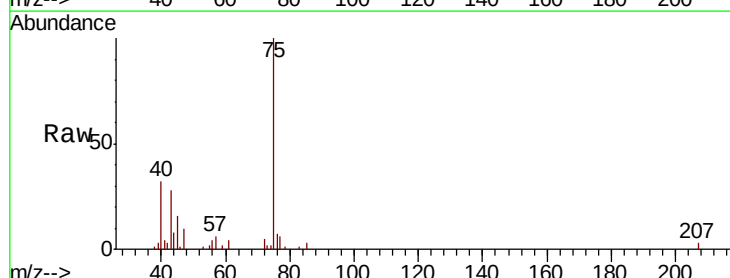
Acq: 20 Feb 2020 13:35

Tgt Ion: 43 Resp: 13127

Ion Ratio Lower Upper

43 100

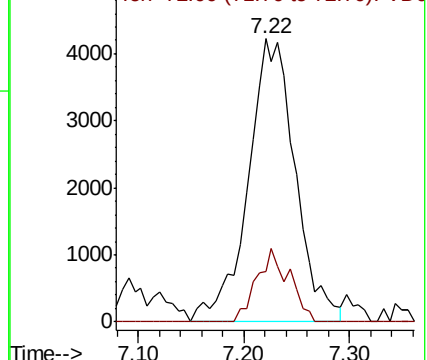
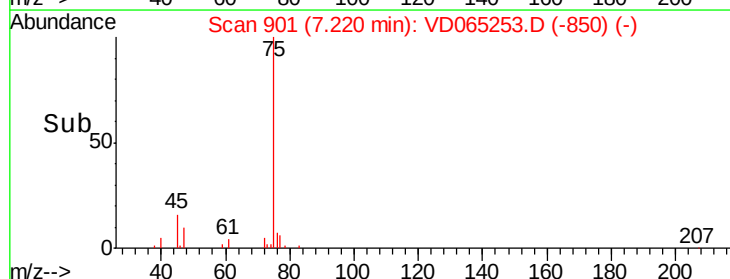
72 17.8 20.9 31.3#

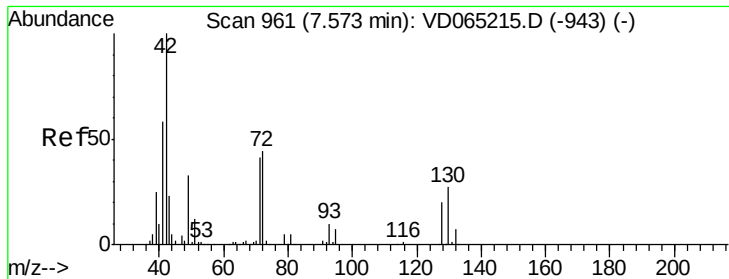


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

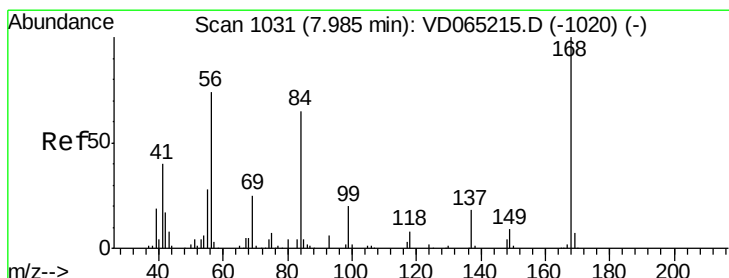
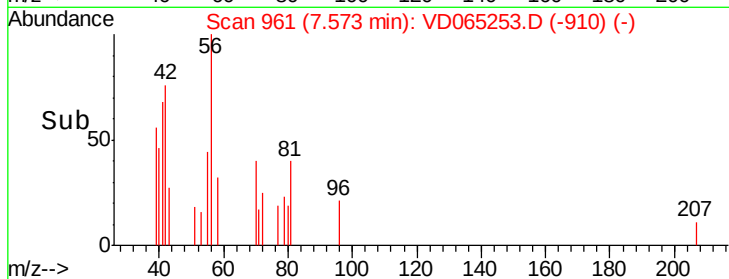
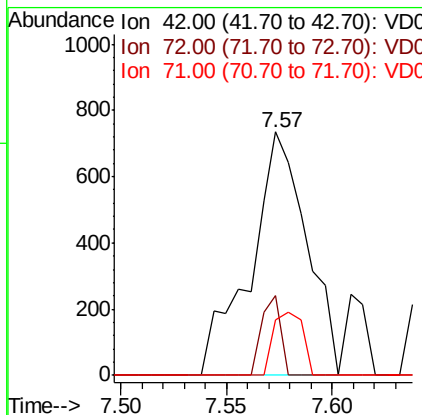
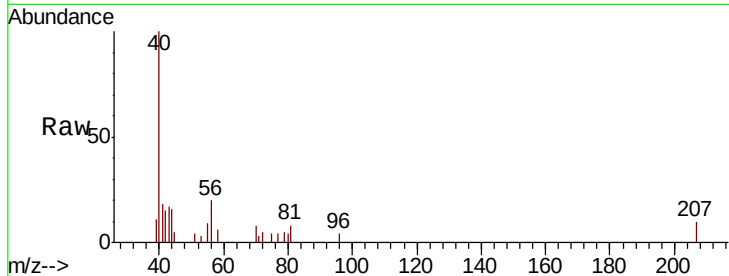




#29
Tetrahydrofuran
Concen: 1.264 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

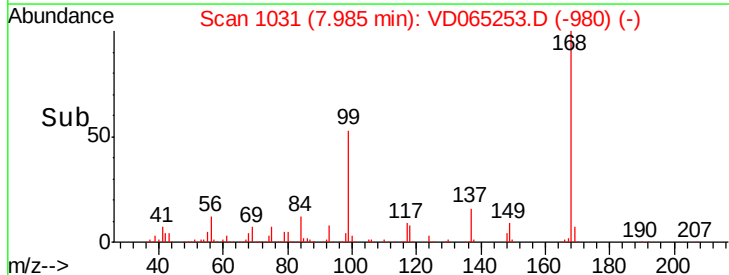
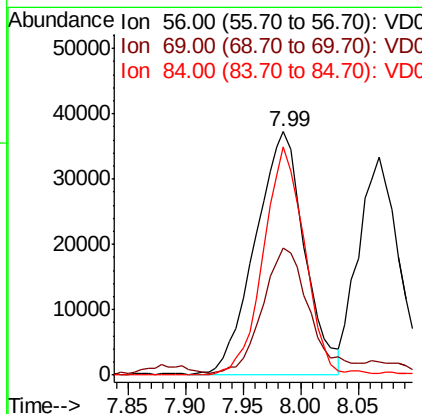
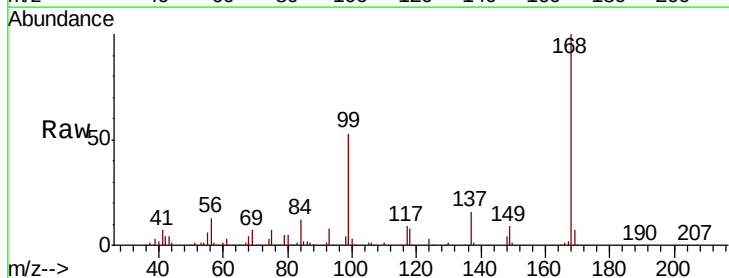
Instrument :
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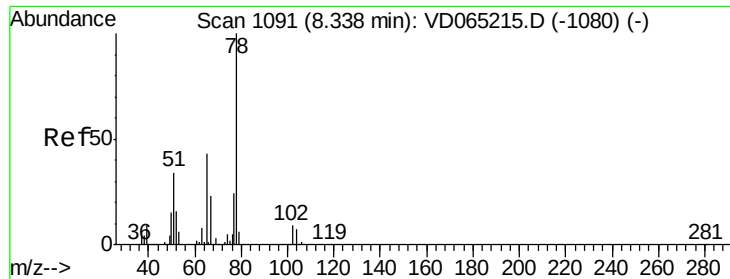
Tot Ion: 42 Resp: 1367
Ion Ratio Lower Upper
42 100
72 11.1 33.7 50.5#
71 13.5 31.4 47.2#



#31
Cyclohexane
Concen: 9.469 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Tgt Ion: 56 Resp: 111144
Ion Ratio Lower Upper
56 100
69 50.0 27.4 41.0#
84 93.9 71.1 106.7

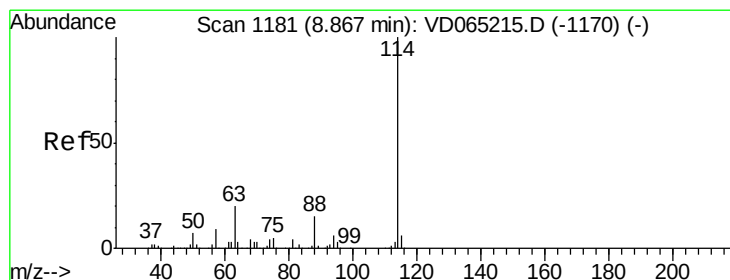
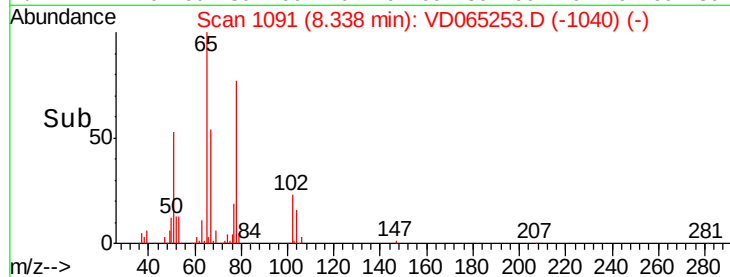
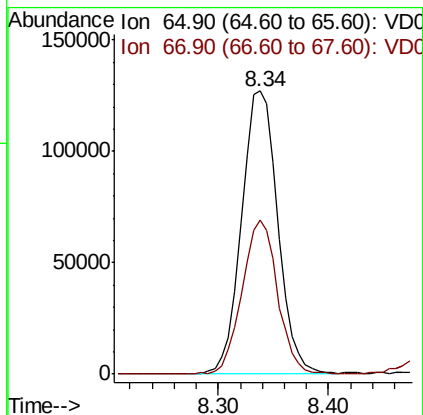
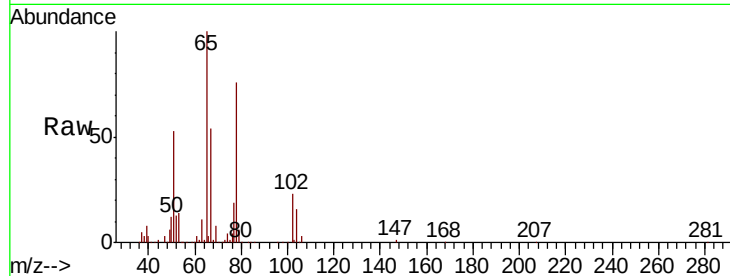




#33
 1,2-Dichloroethane-d4
 Concen: 49.168 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

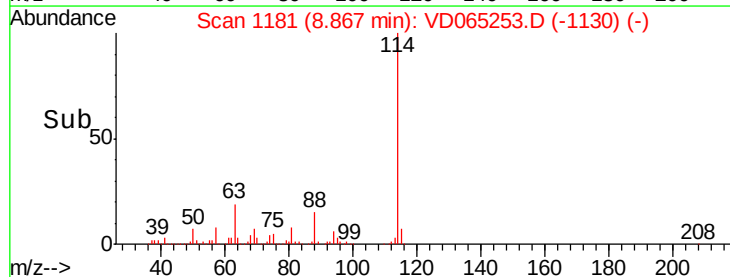
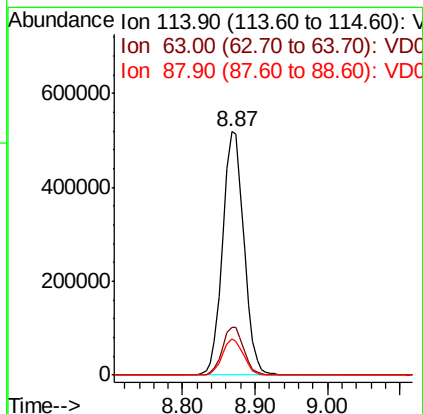
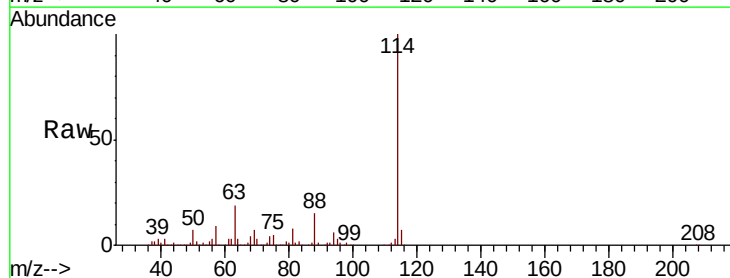
Instrument :
 MSVOA_D
 ClientSampled :

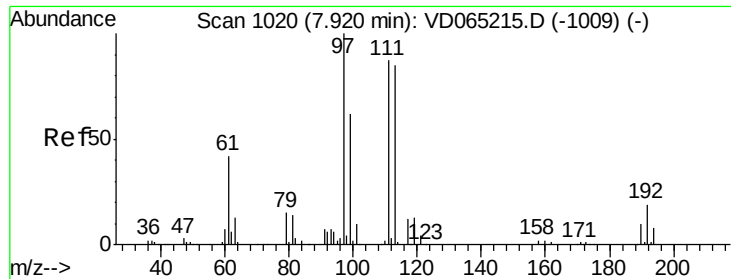
Tot Ion: 65 Resp: 293506
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

Tgt Ion: 114 Resp: 1063830
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 14.7 0.0 30.4

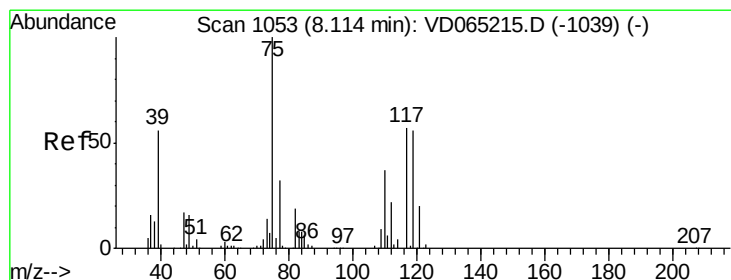
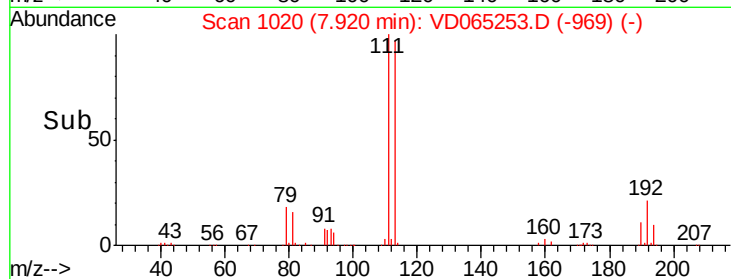
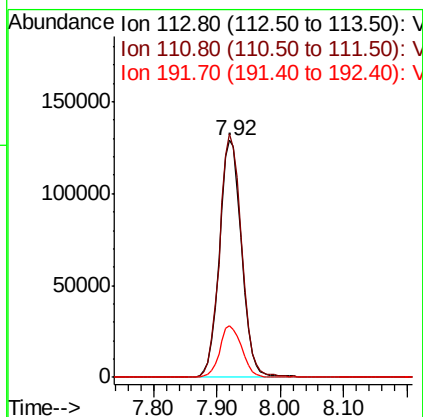
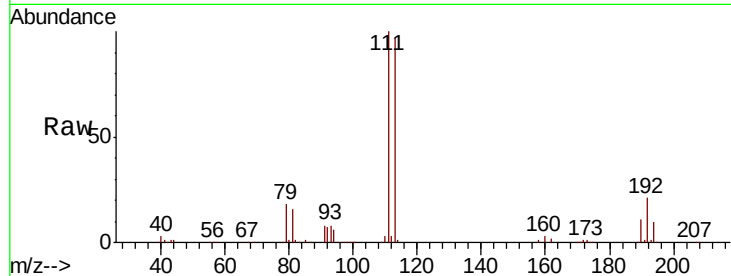




#35
 Dibromofluoromethane
 Concen: 48.261 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

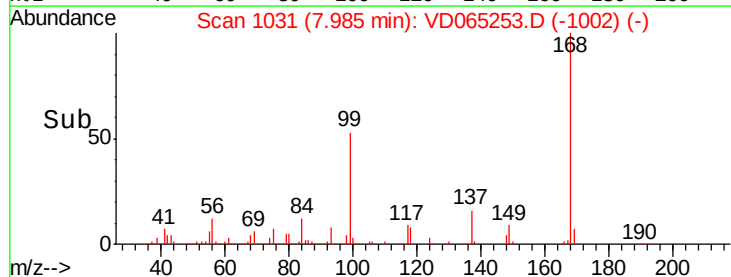
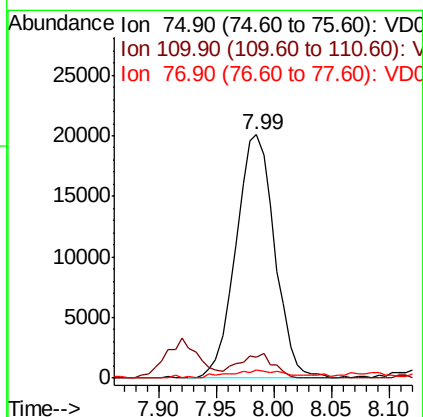
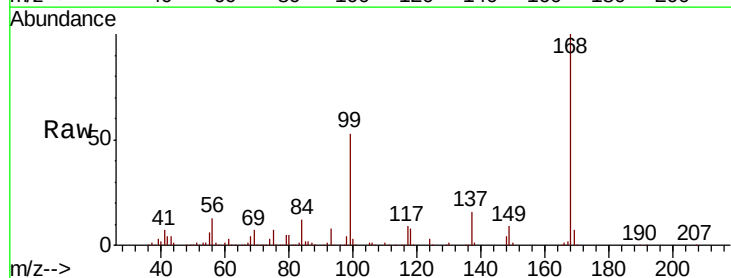
Instrument :
 MSVOA_D
 ClientSampleId :

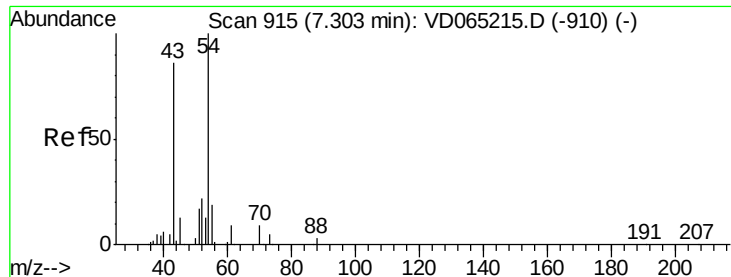
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	21.7	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.9	53.7#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 3.034 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.08 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :

MSVOA_D

ClientSampled :

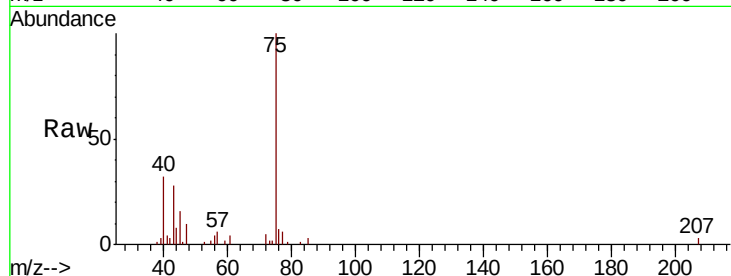
Tot Ion: 43 Resp: 13127

Ion Ratio Lower Upper

43 100

61 13.0 11.2 16.8

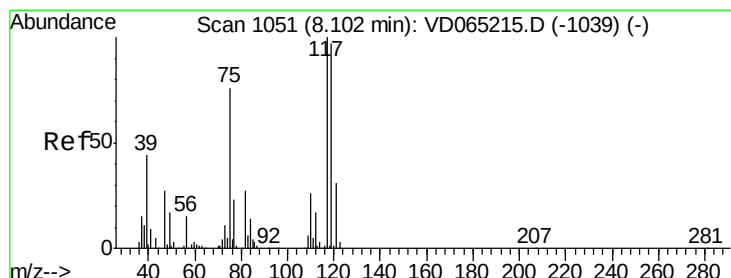
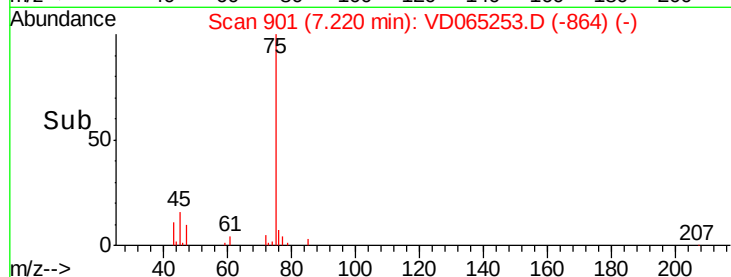
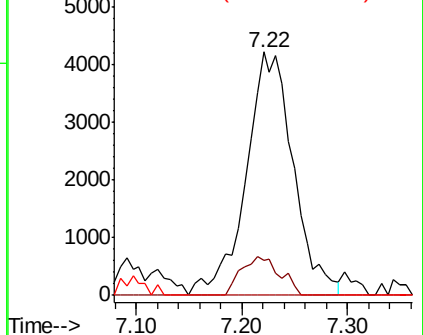
70 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.750 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

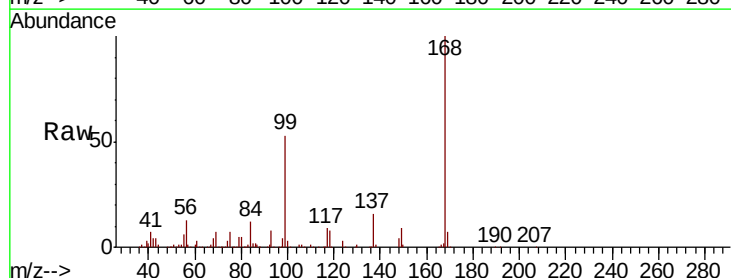
Tgt Ion: 117 Resp: 60585

Ion Ratio Lower Upper

117 100

119 5.5 77.6 116.4#

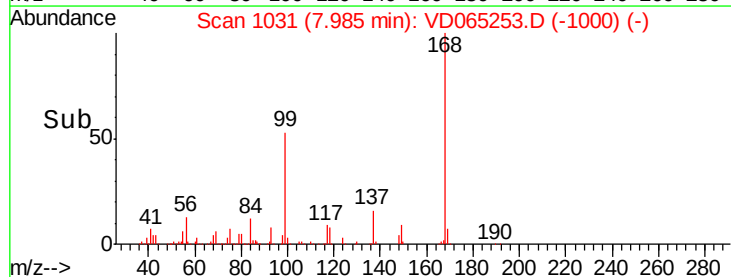
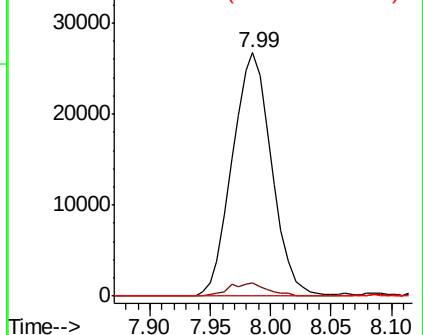
121 0.0 24.8 37.2#

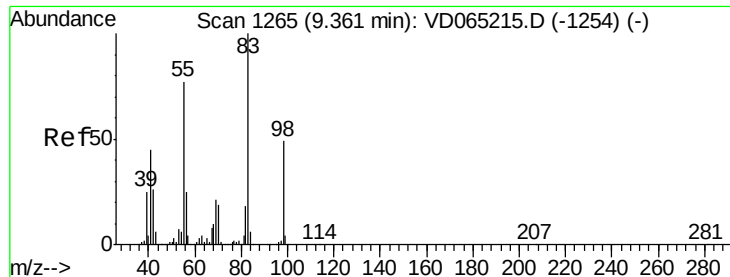


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

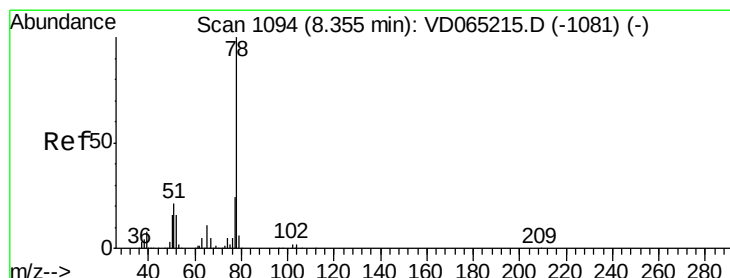
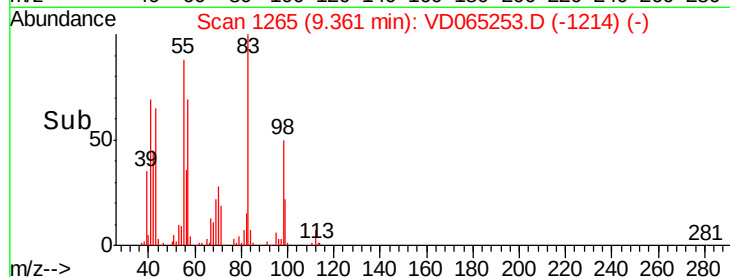
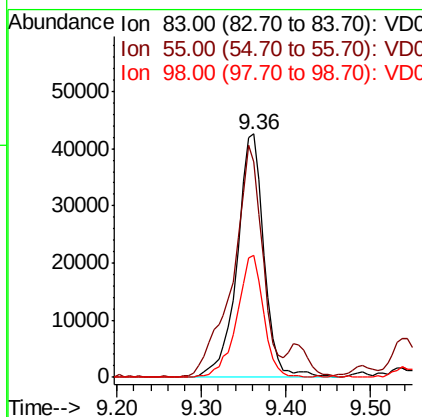
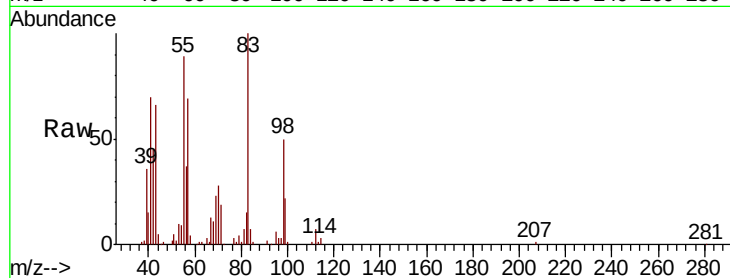




#39
Methylvlcyclohexane
Concen: 7.671 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

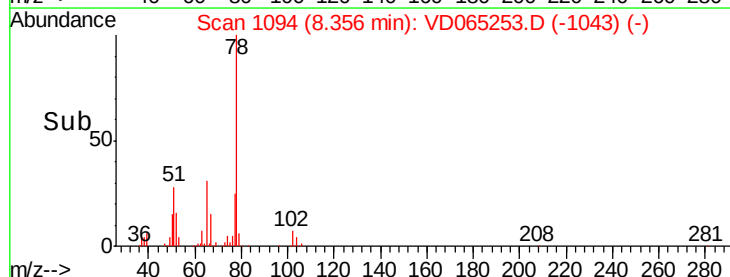
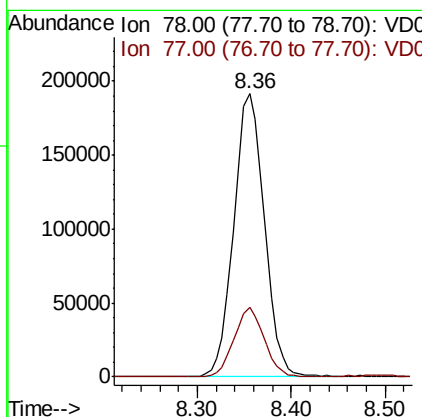
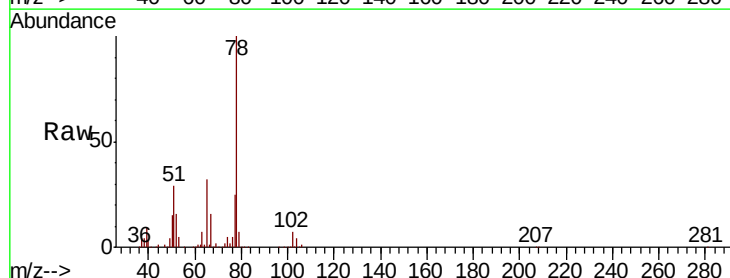
Instrument :
MSVOA_D
ClientSampled :

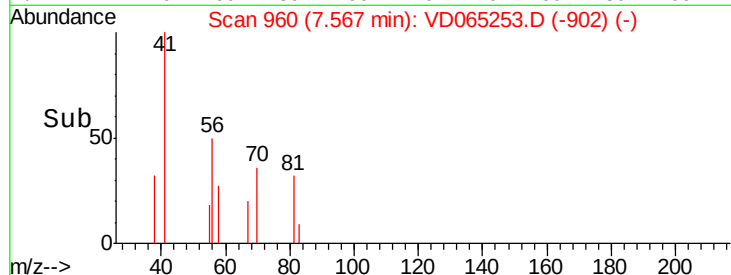
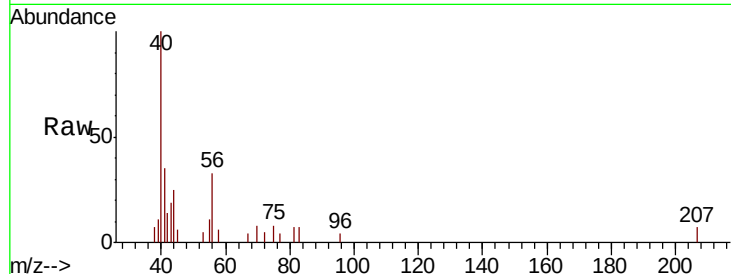
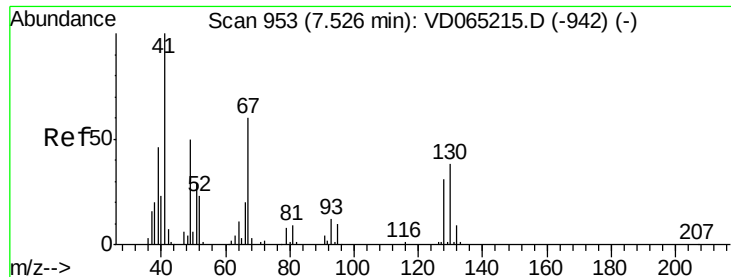
Tot Ion: 83 Resp: 93349
Ion Ratio Lower Upper
83 100
55 88.1 61.8 92.6
98 50.1 39.4 59.0



#40
Benzene
Concen: 14.817 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

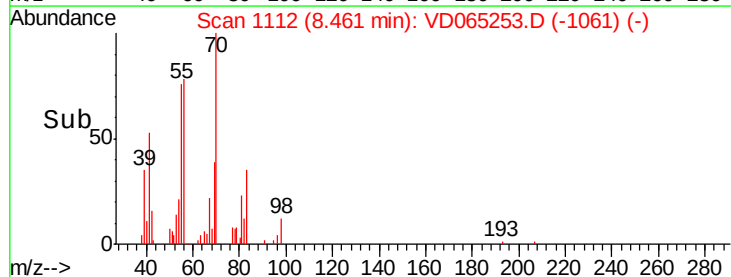
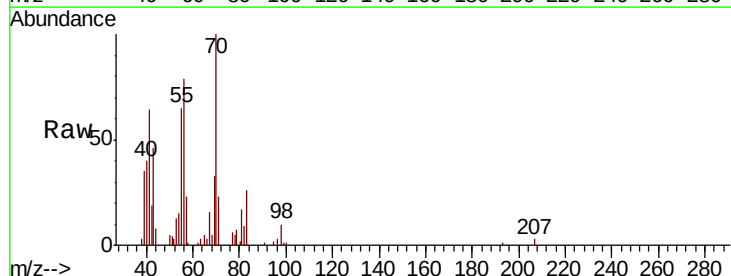
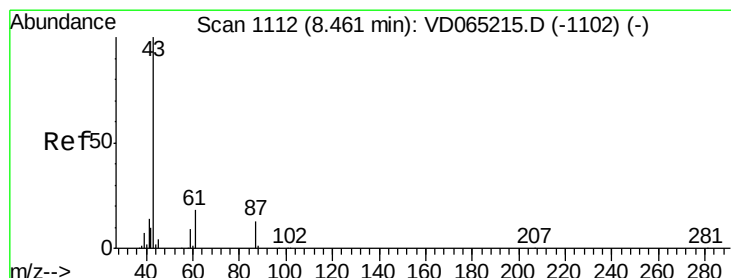
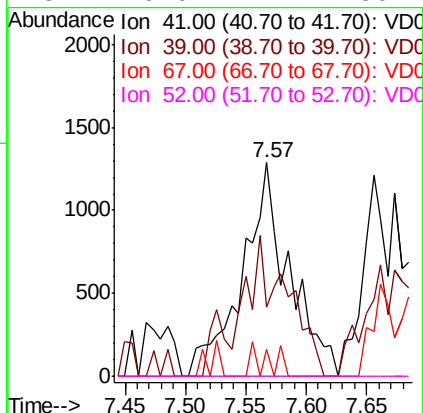
Tgt Ion: 78 Resp: 432913
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





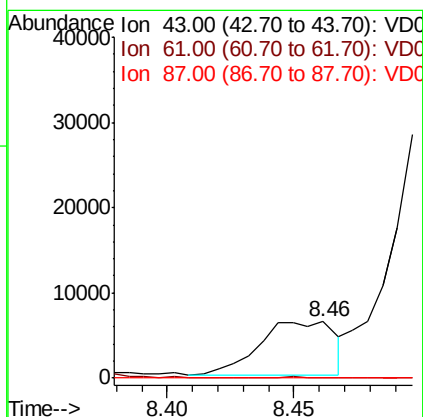
#41
Methacrylonitrile
Concen: 1.384 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

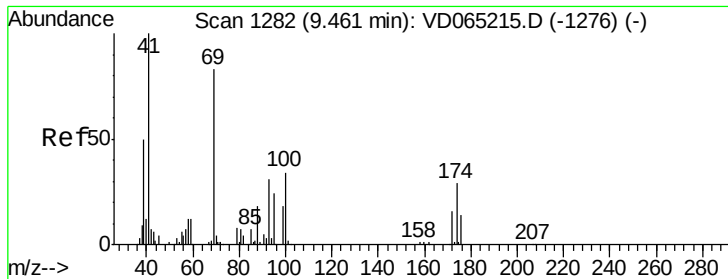
Tot Ion	Ratio	Lower	Upper
41	100		
39	22.7	48.1	72.1#
67	0.0	58.9	88.3#
52	0.0	24.2	36.2#



#43
Isopropyl Acetate
Concen: 1.638 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.6	36.8#
87	0.0	10.6	16.0#

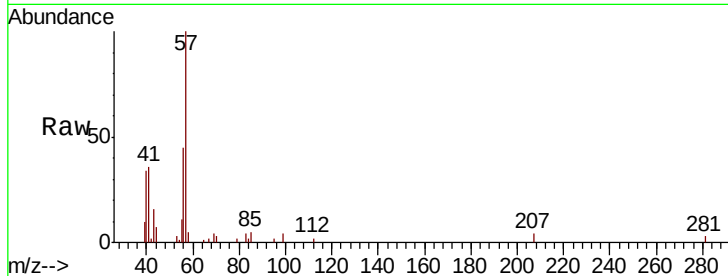




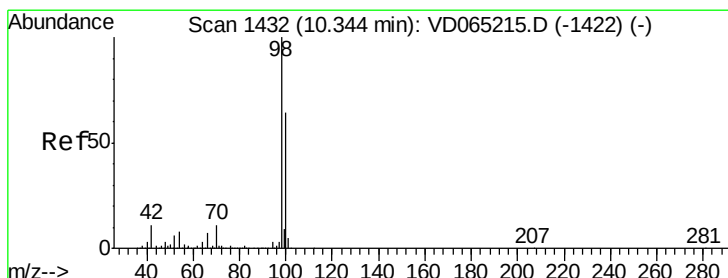
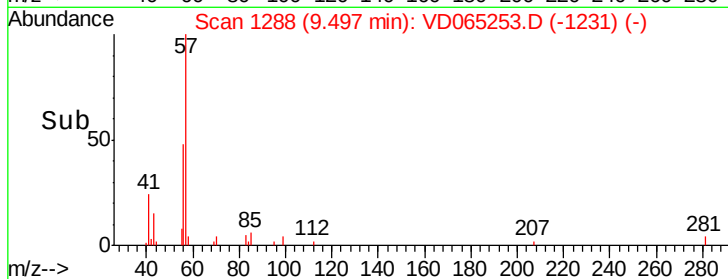
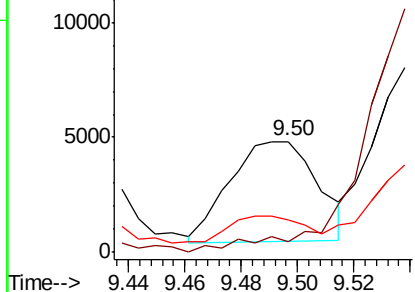
#48
Methvl methacrylate
Concen: 2.589 ug/l
RT: 9.50 min Scan# 1288
Delta R.T. 0.04 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 41 Resp: 9418
Ion Ratio Lower Upper
41 100
69 0.0 68.2 102.2#
39 21.3 42.0 63.0#

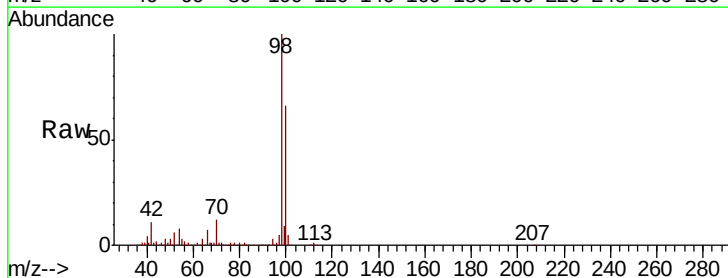


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

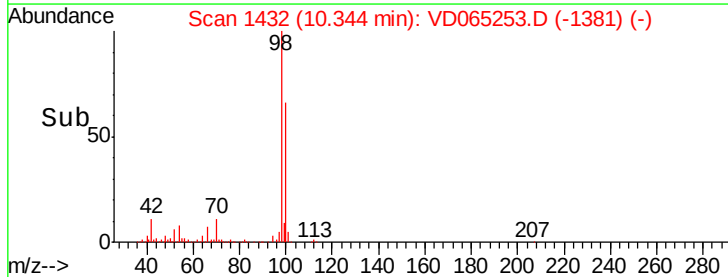
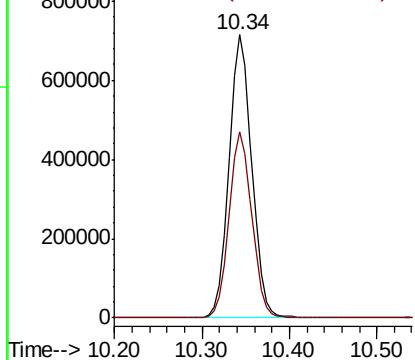


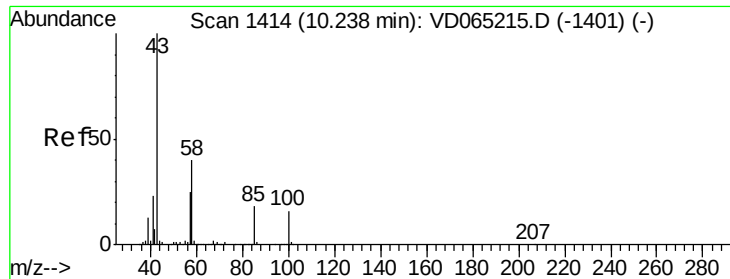
#50
Toluene-d8
Concen: 51.173 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Tgt Ion: 98 Resp: 1268965
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

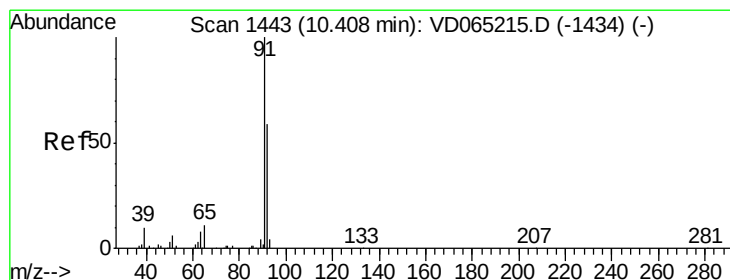
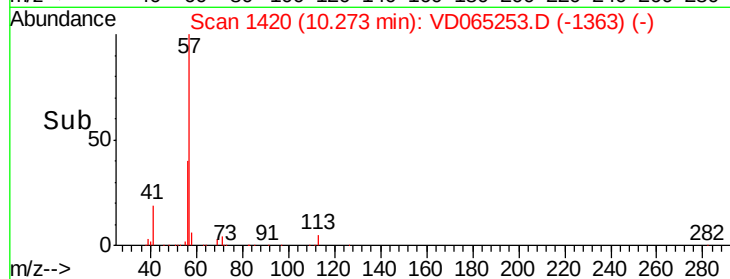
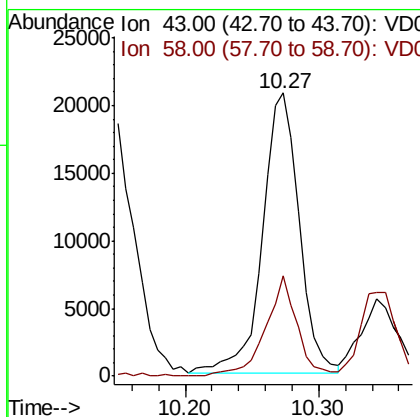
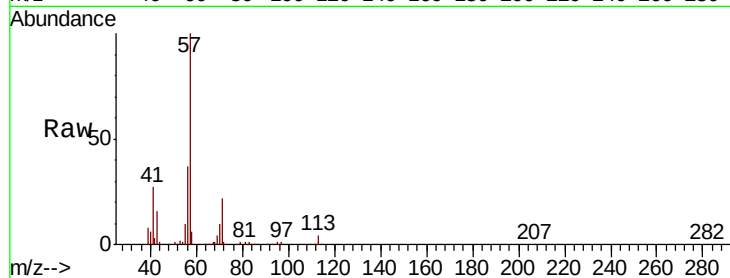




#51
 4-Methyl-2-Pentanone
 Concen: 9.875 ug/l
 RT: 10.27 min Scan# 1420
 Delta R.T. 0.04 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

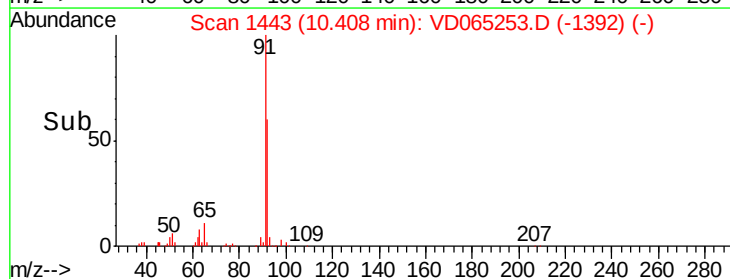
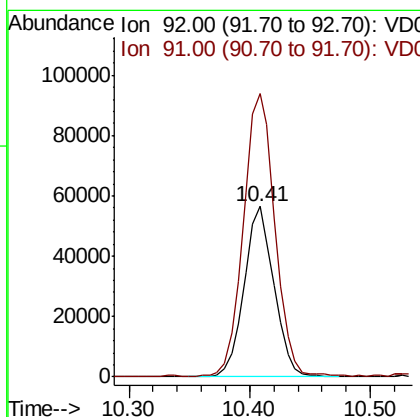
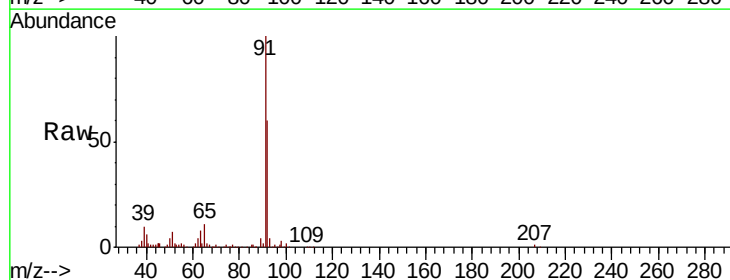
Instrument :
 MSVOA_D
 ClientSampleID :

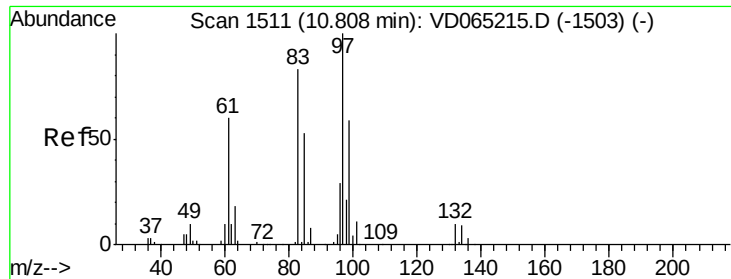
Tot Ion: 43 Resp: 39466
 Ion Ratio Lower Upper
 43 100
 58 30.9 31.1 46.7#



#52
 Toluene
 Concen: 5.423 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

Tgt Ion: 92 Resp: 98078
 Ion Ratio Lower Upper
 92 100
 91 172.7 136.3 204.5

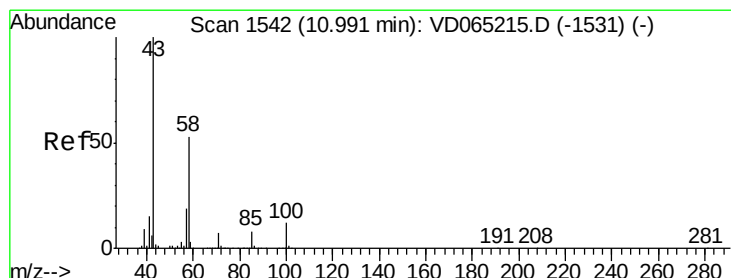
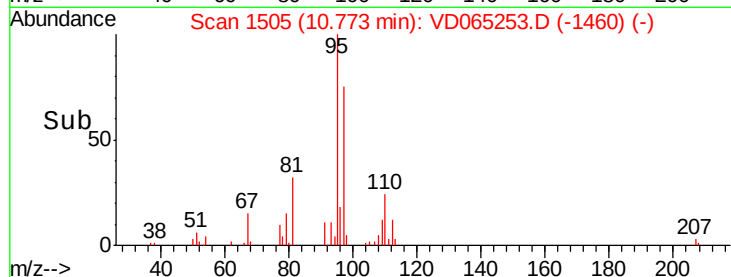
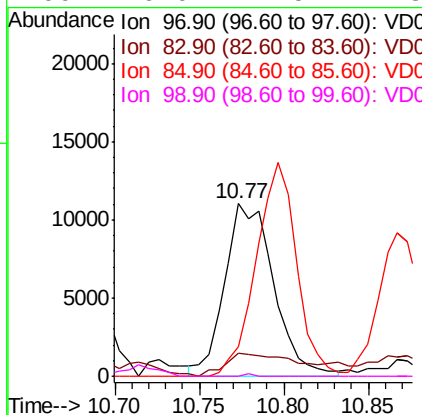
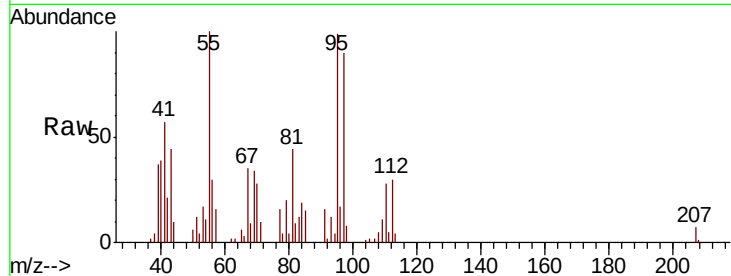




#55
 1,1,2-Trichloroethane
 Concen: 4.236 ug/l
 RT: 10.77 min Scan# 1505
 Delta R.T. -0.04 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

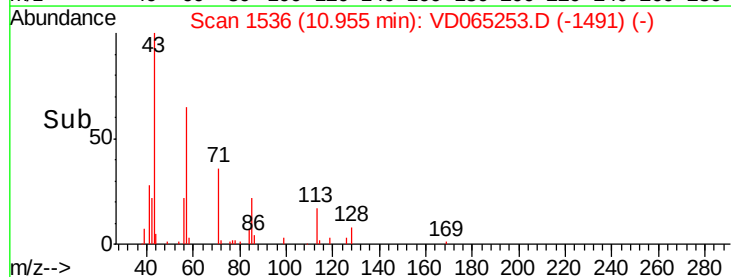
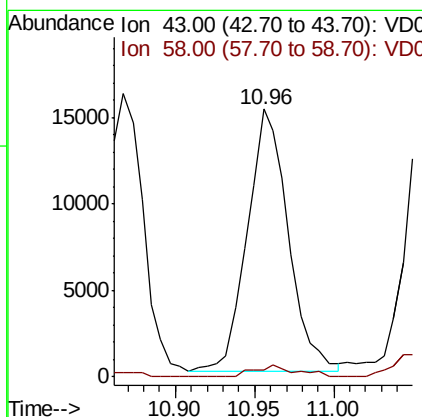
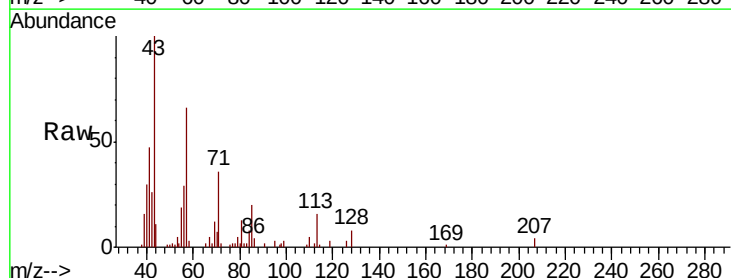
Instrument :
 MSVOA_D
 ClientSampleId :

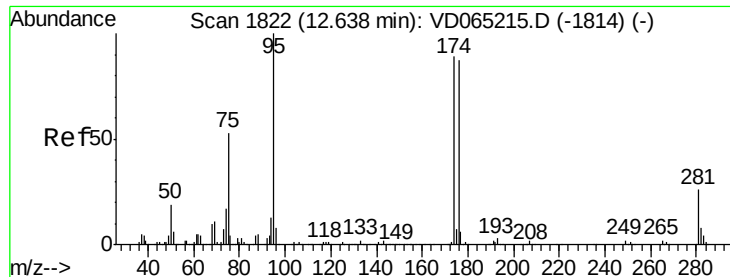
Tot Ion: 97 Resp: 22286
 Ion Ratio Lower Upper
 97 100
 83 12.5 66.7 100.1#
 85 17.5 42.4 63.6#
 99 0.0 47.5 71.3#



#59
 2-Hexanone
 Concen: 9.568 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

Tgt Ion: 43 Resp: 27373
 Ion Ratio Lower Upper
 43 100
 58 4.4 26.3 78.8#

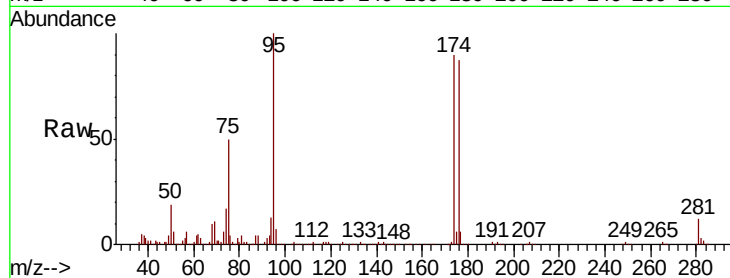




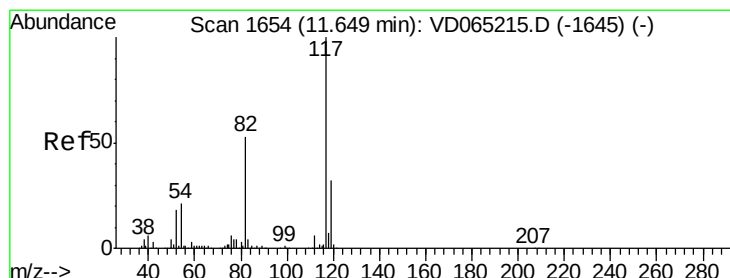
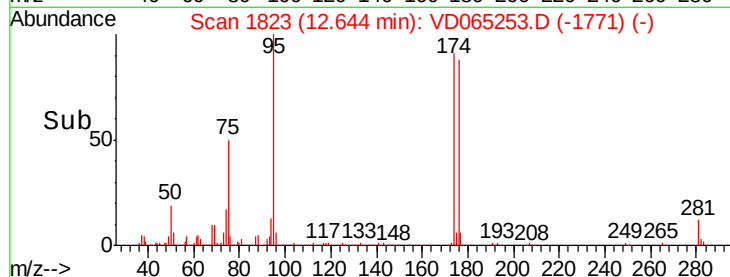
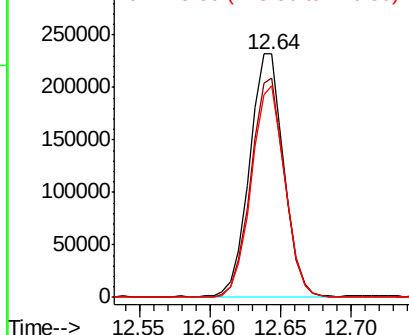
#62
4-Bromofluorobenzene
Concen: 50.074 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	178.0
176	85.7	0.0	174.4

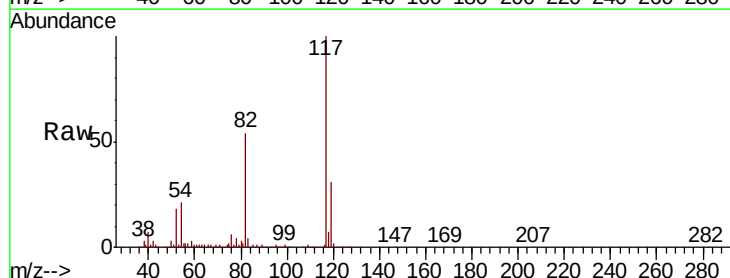


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

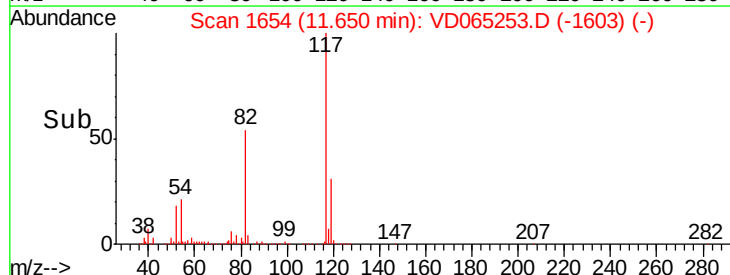
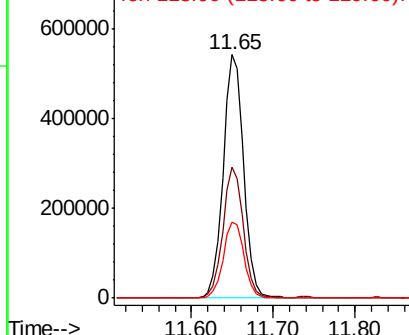


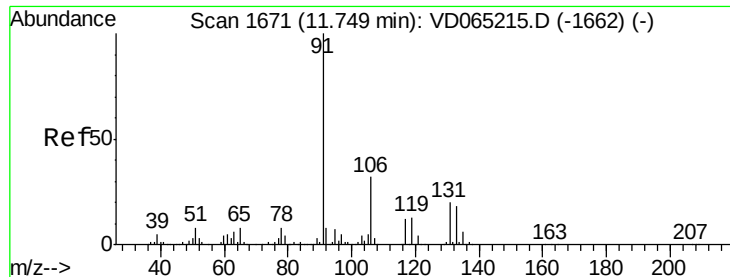
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.7	64.1
119	31.0	25.5	38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 6.483 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :

MSVOA_D

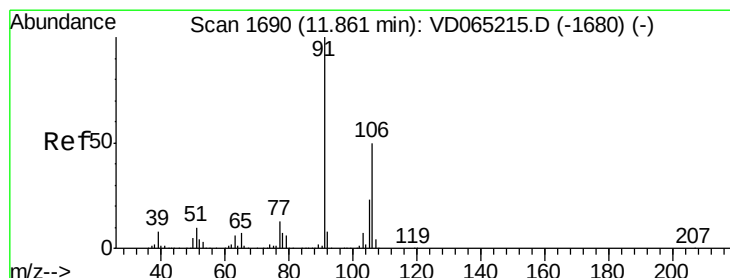
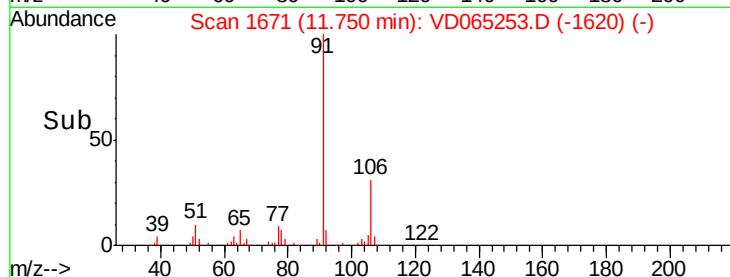
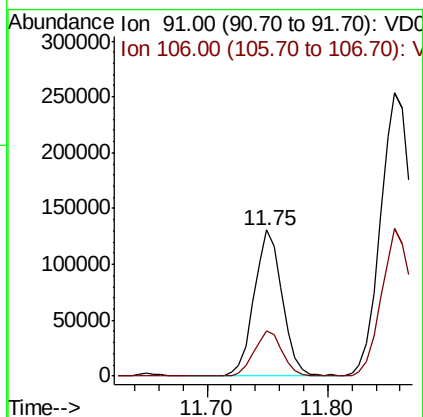
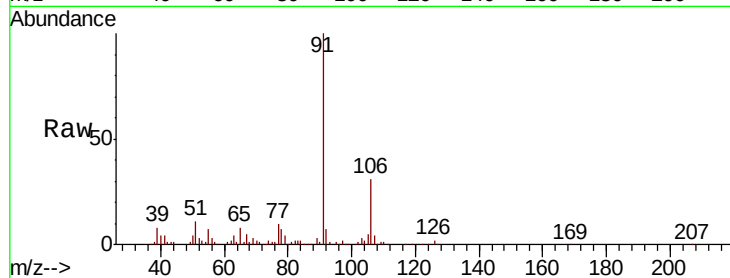
ClientSampled :

Tot Ion: 91 Resp: 213646

Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8



#68

m/p-Xylenes

Concen: 18.855 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065253.D

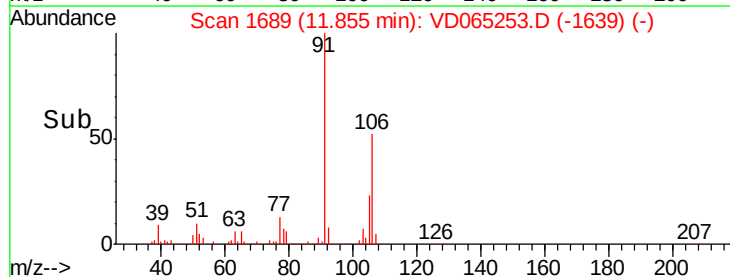
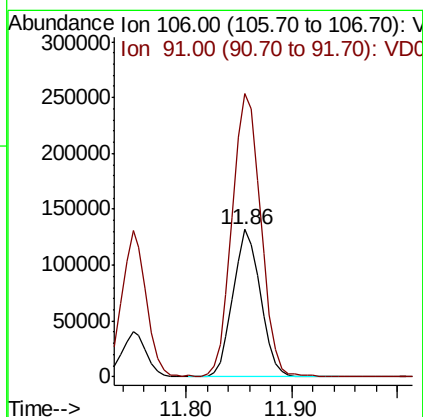
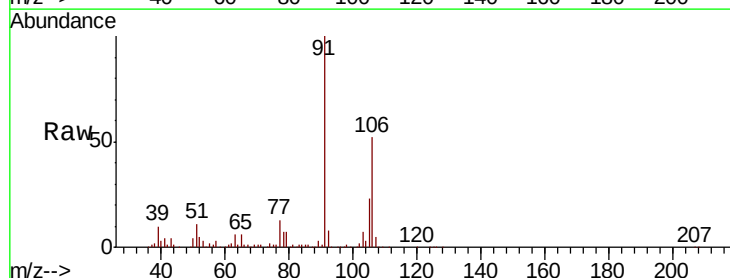
Acq: 20 Feb 2020 13:35

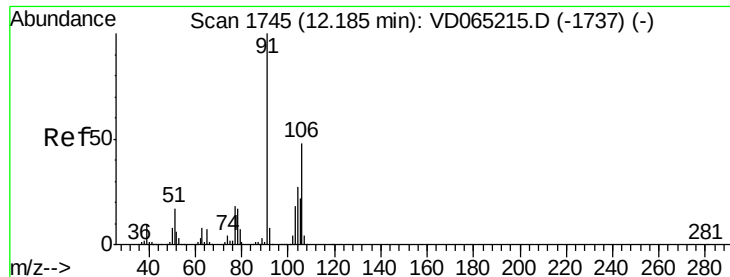
Tgt Ion: 106 Resp: 237724

Ion Ratio Lower Upper

106 100

91 199.7 158.2 237.4

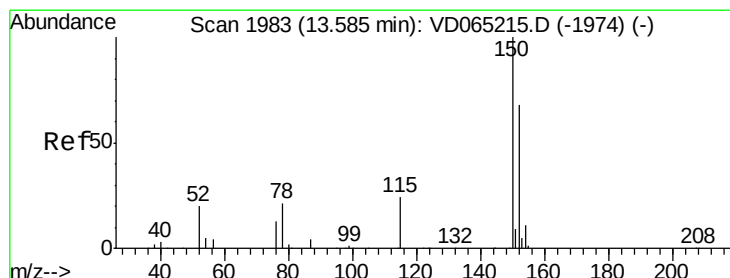
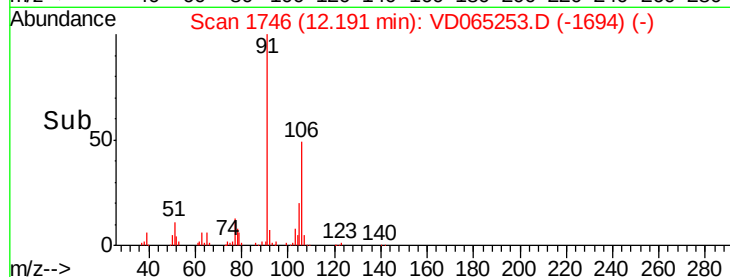
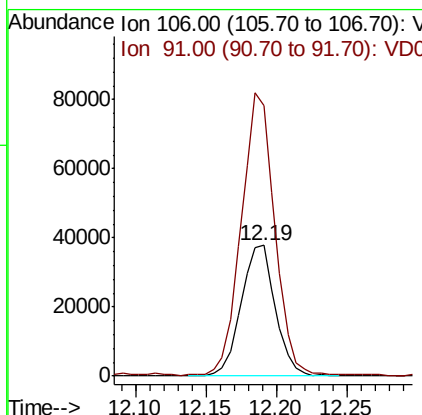
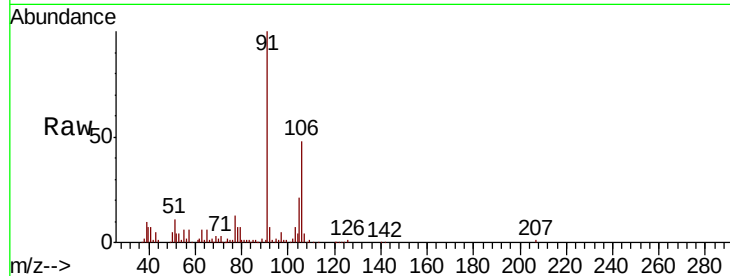




#69
o-Xylene
Concen: 5.744 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

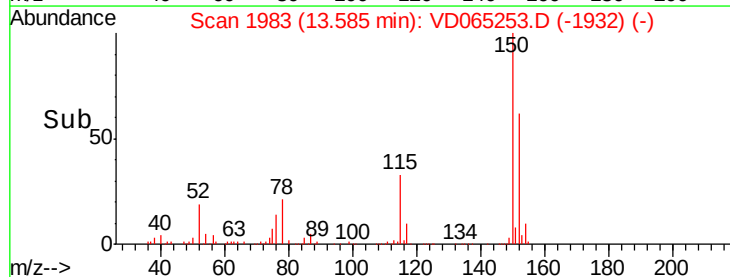
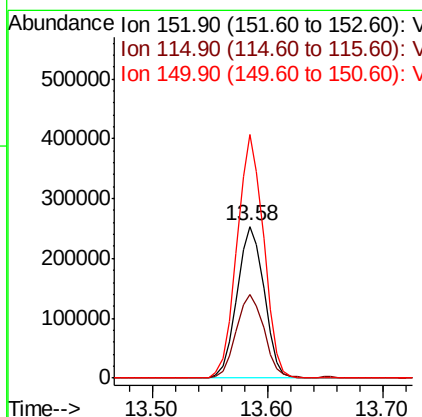
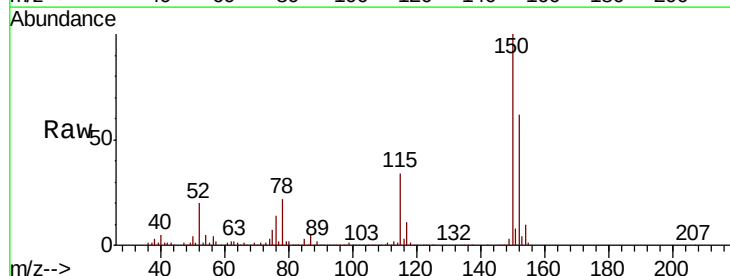
Instrument :
MSVOA_D
ClientSampled :

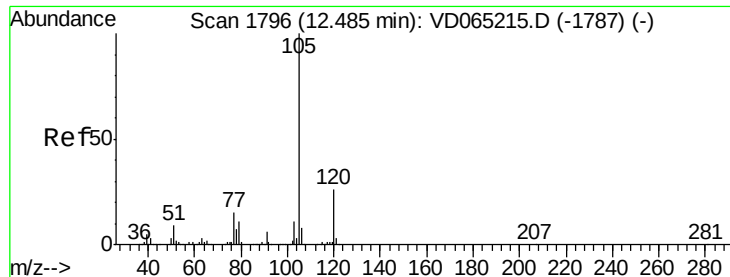
Tot Ion:106 Resp: 64164
Ion Ratio Lower Upper
106 100
91 212.2 104.7 313.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Tgt Ion:152 Resp: 412912
Ion Ratio Lower Upper
152 100
115 56.9 27.6 82.8
150 157.5 0.0 347.4





#73

Isopropylbenzene

Concen: 5.964 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :

MSVOA_D

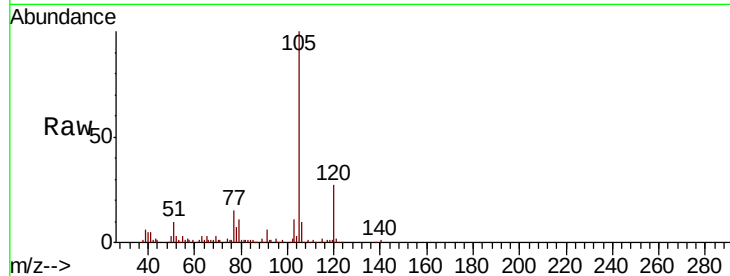
ClientSampled :

Tot Ion:105 Resp: 163045

Ion Ratio Lower Upper

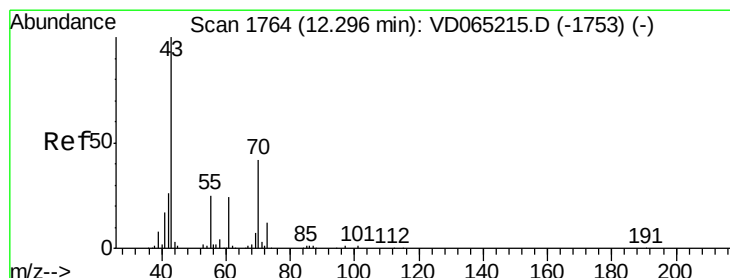
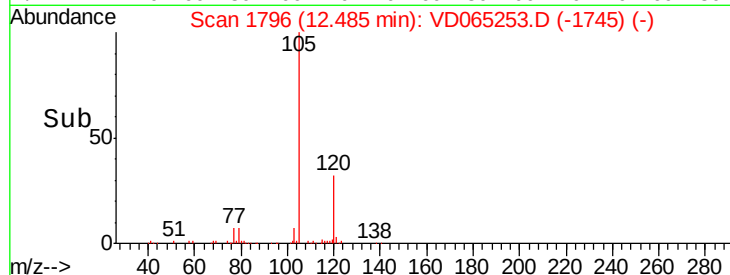
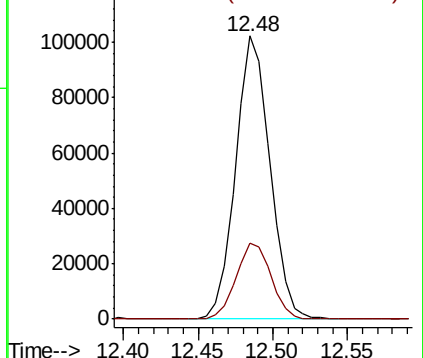
105 100

120 27.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3.339 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Tgt Ion: 43 Resp: 20281

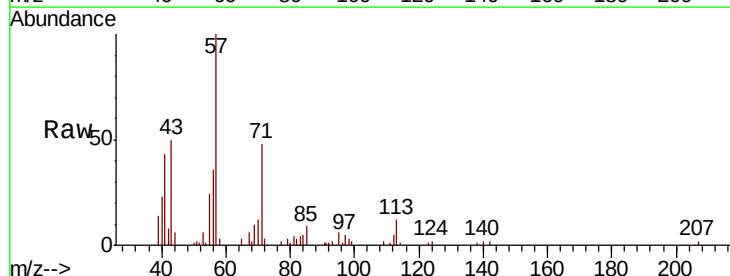
Ion Ratio Lower Upper

43 100

70 20.3 33.7 50.5#

55 26.2 20.7 31.1

61 0.0 19.0 28.4#

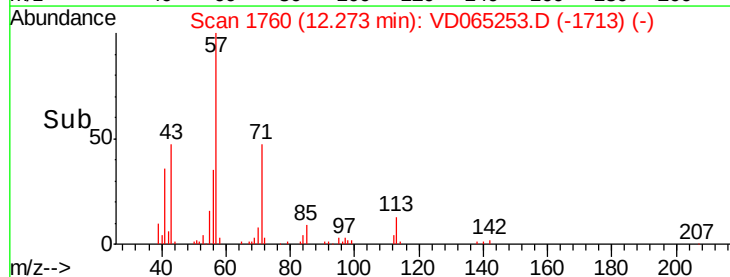
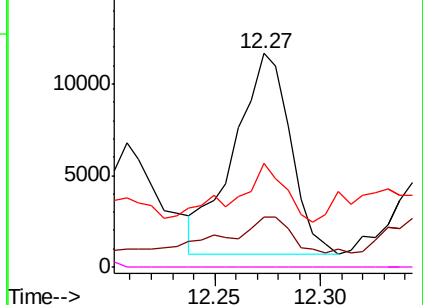


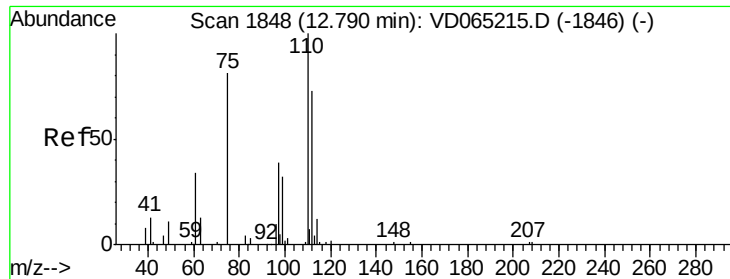
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#76

1,2,3-Trichloropropane

Concen: 56.264 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :

MSVOA_D

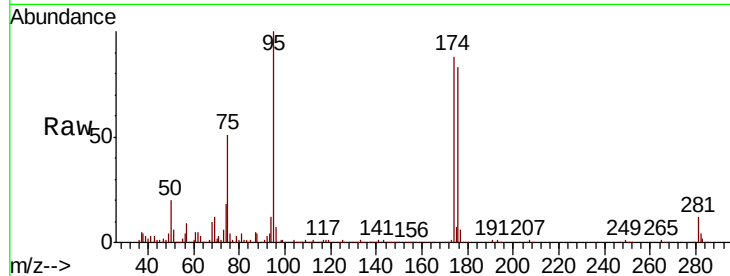
ClientSampleId :

Tot Ion: 75 Resp: 197664

Ion Ratio Lower Upper

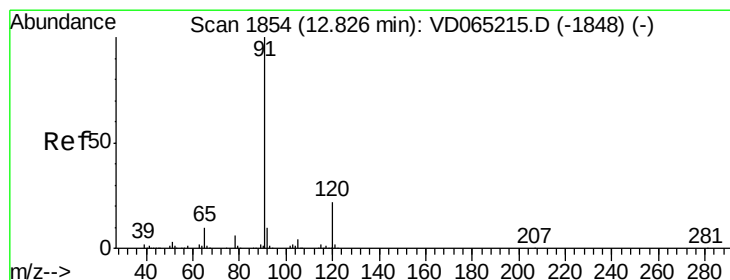
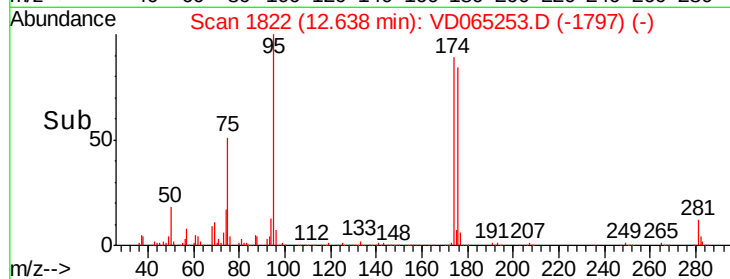
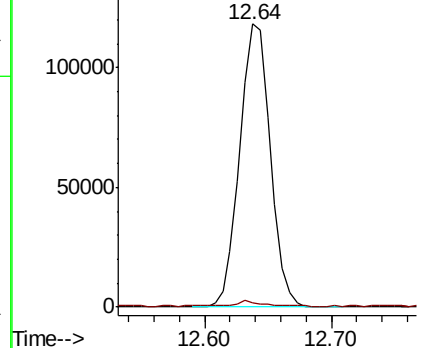
75 100

77 1.9 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: 21.885 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065253.D

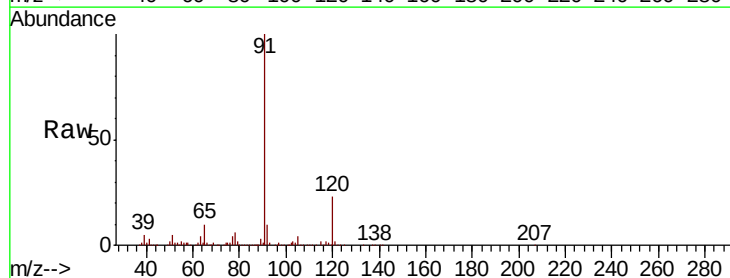
Acq: 20 Feb 2020 13:35

Tgt Ion: 91 Resp: 718944

Ion Ratio Lower Upper

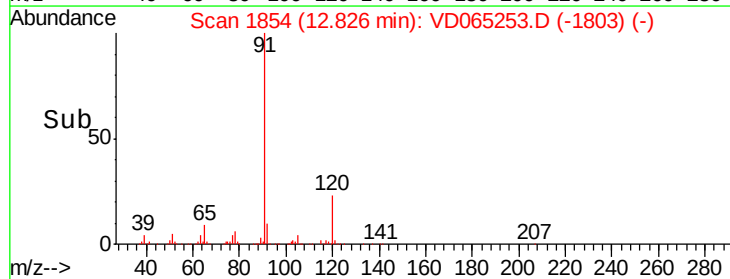
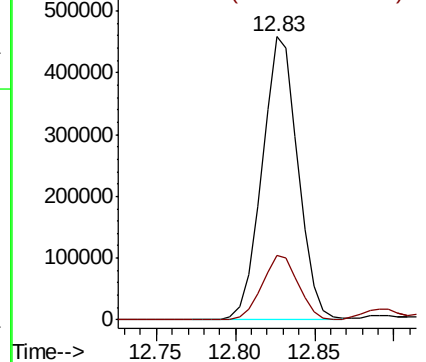
91 100

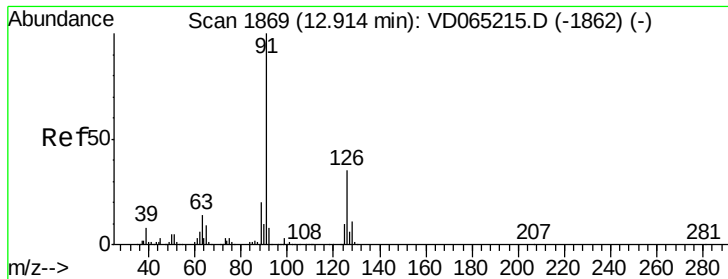
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC

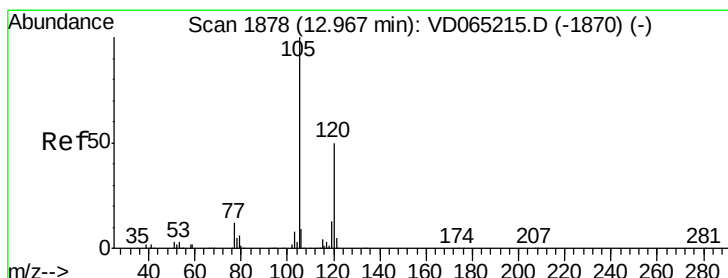
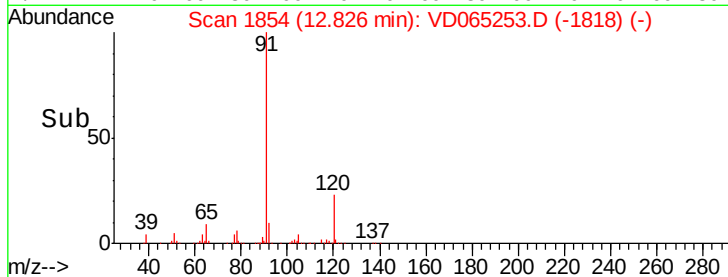
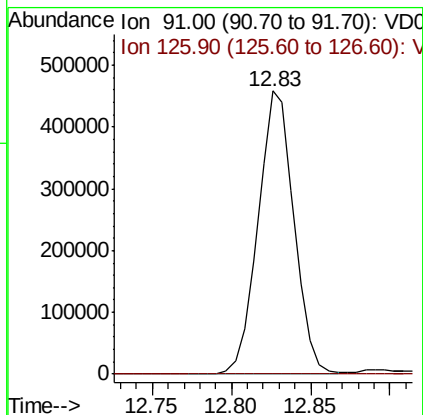
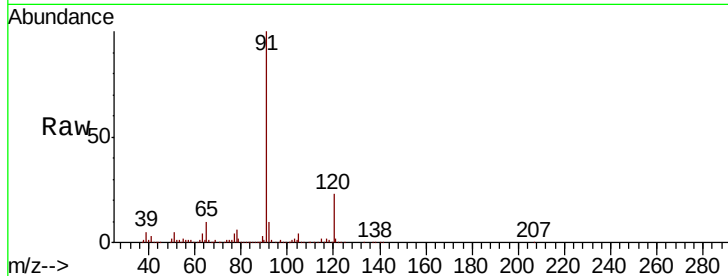




#79
 2-Chlorotoluene
 Concen: 39.066 ug/l
 RT: 12.83 min Scan# 1854
 Delta R.T. -0.09 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

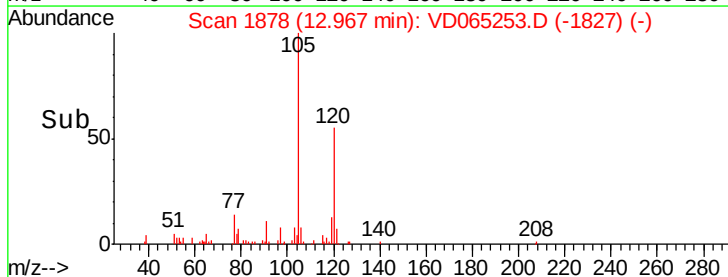
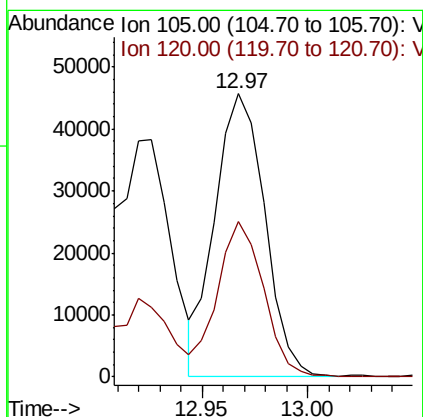
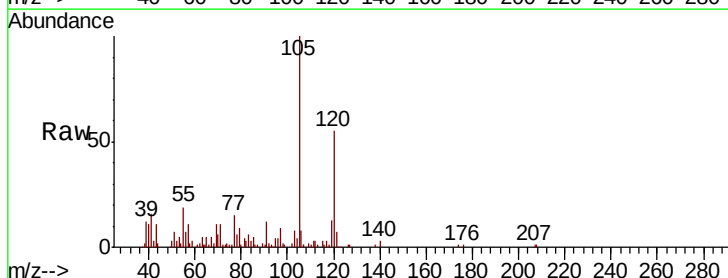
Instrument :
 MSVOA_D
 ClientSampleId :

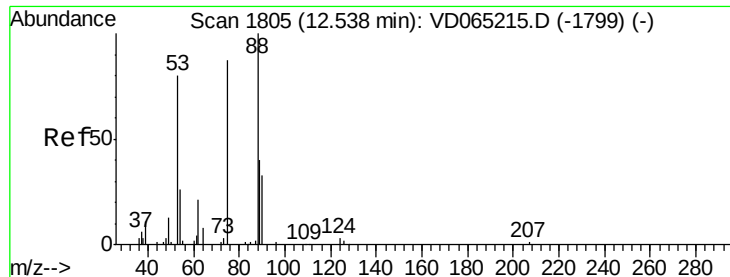
Tot Ion: 91 Resp: 718944
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.5 52.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.300 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065253.D
 Acq: 20 Feb 2020 13:35

Tgt Ion: 105 Resp: 74295
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 121.483 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

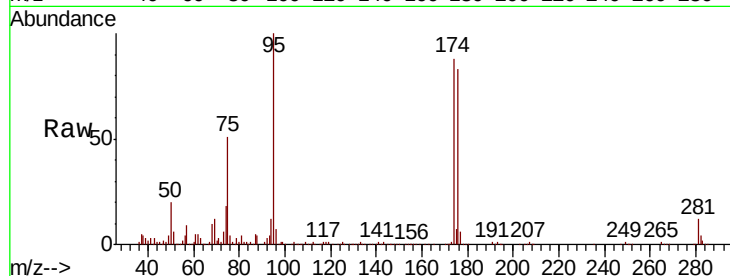
Tot Ion: 75 Resp: 197664

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

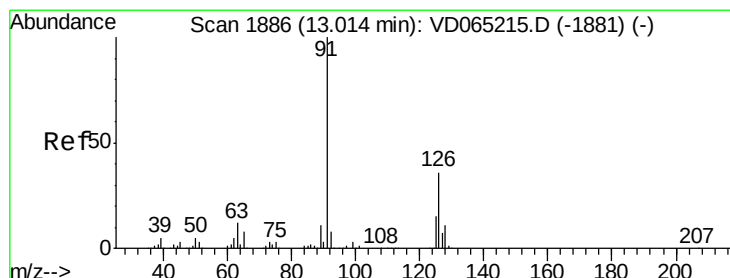
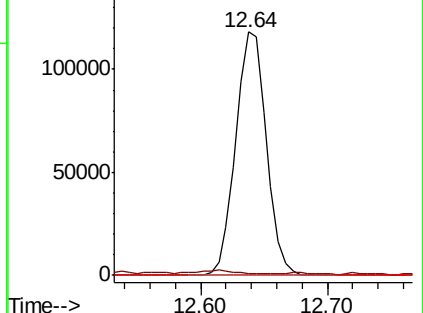
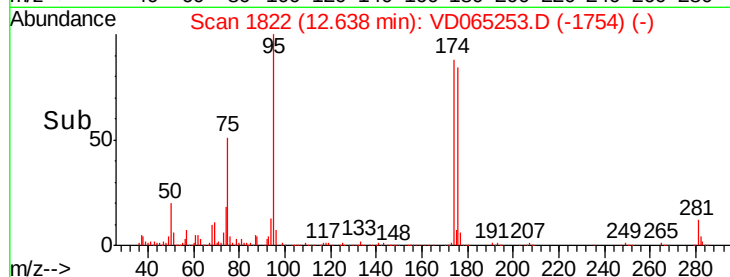
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 36.798 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.19 min

Lab File: VD065253.D

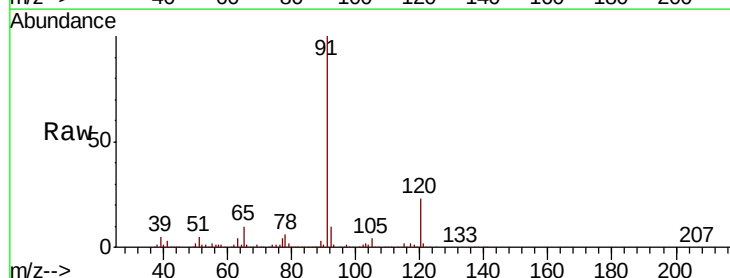
Acq: 20 Feb 2020 13:35

Tgt Ion: 91 Resp: 718944

Ion Ratio Lower Upper

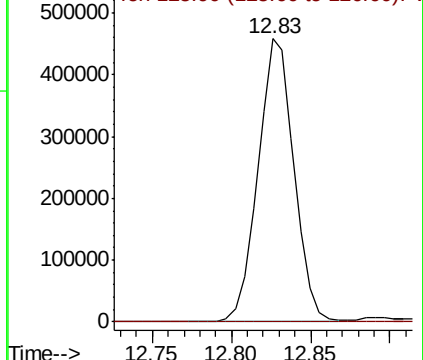
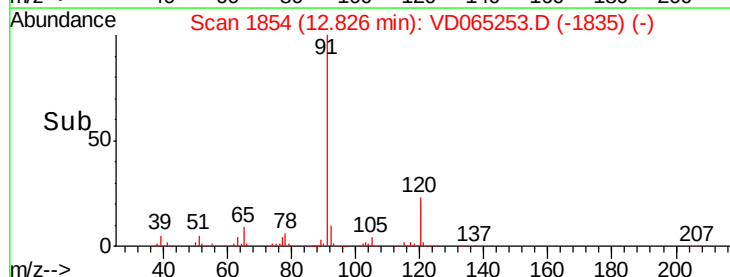
91 100

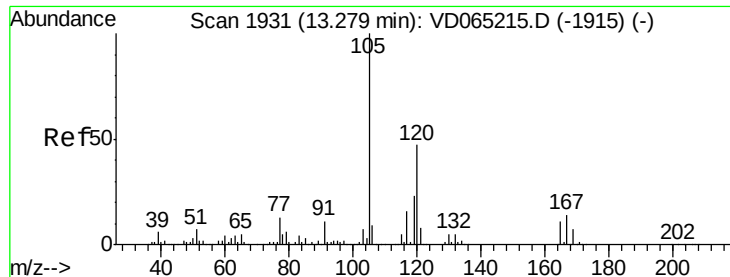
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 8.057 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065253.D

Acq: 20 Feb 2020 13:35

Instrument :

MSVOA_D

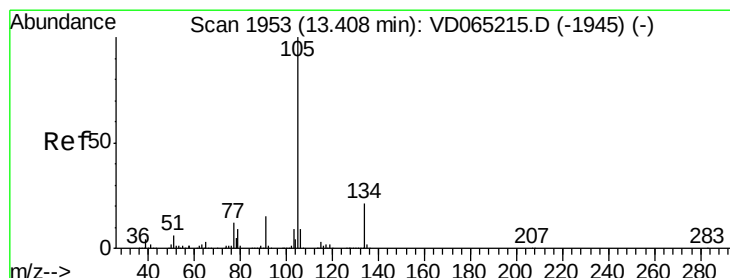
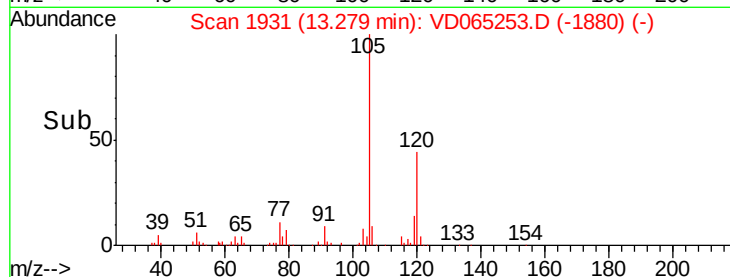
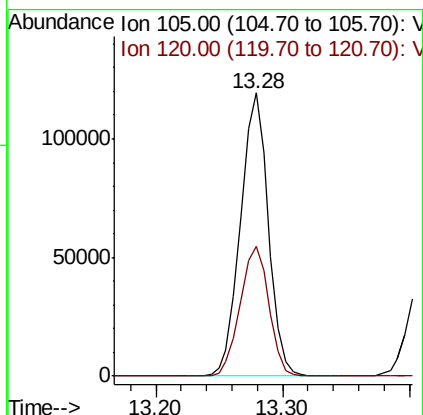
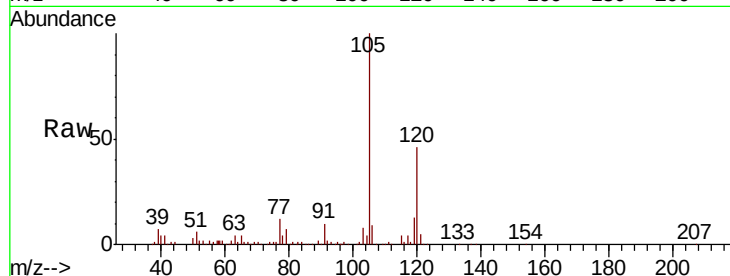
ClientSampled :

Tot Ion:105 Resp: 181564

Ion Ratio Lower Upper

105 100

120 47.7 23.3 69.9



#85

sec-Butylbenzene

Concen: 2.562 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065253.D

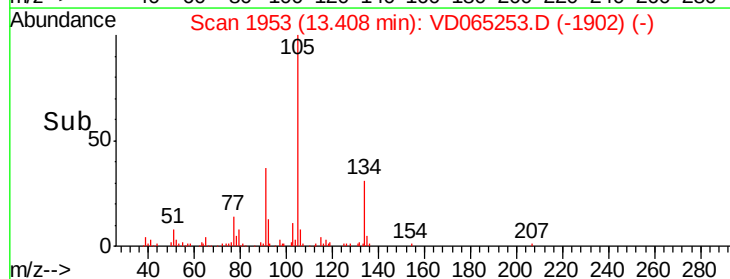
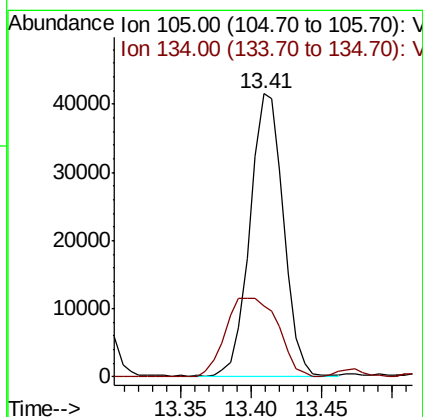
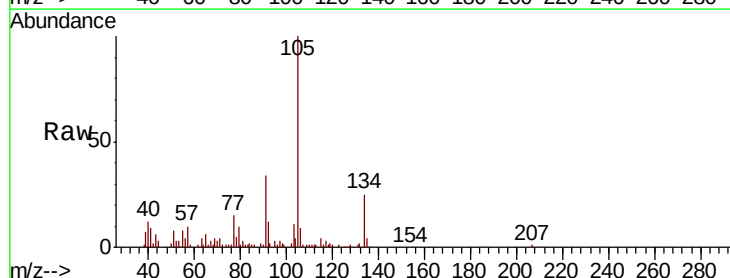
Acq: 20 Feb 2020 13:35

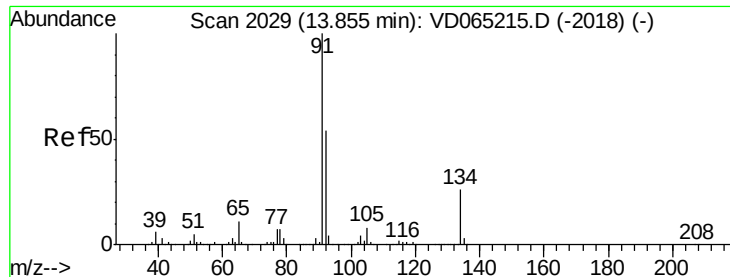
Tgt Ion:105 Resp: 69667

Ion Ratio Lower Upper

105 100

134 43.0 10.3 30.9#

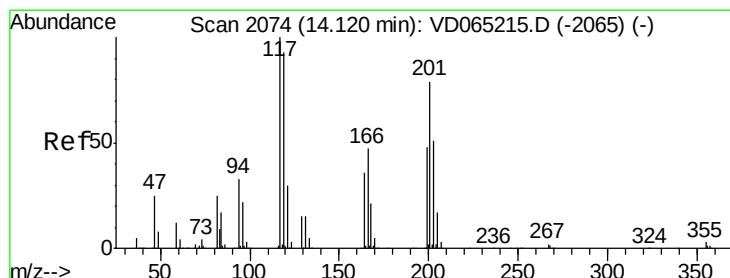
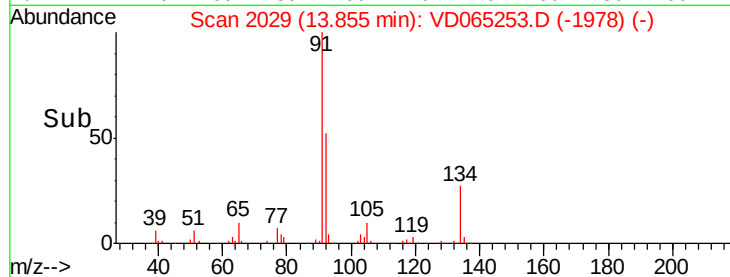
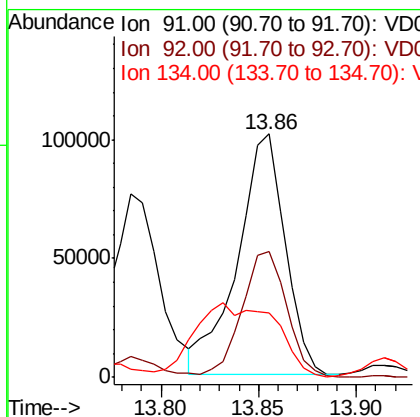
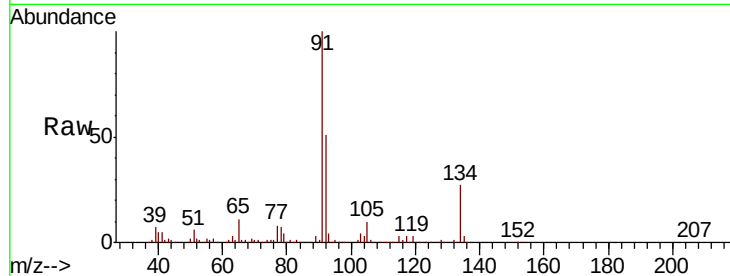




#89
n-Butylbenzene
Concen: 7.438 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

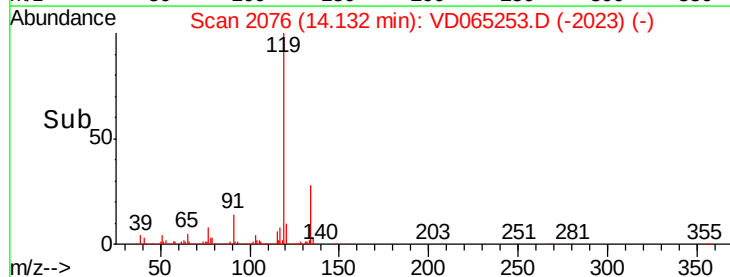
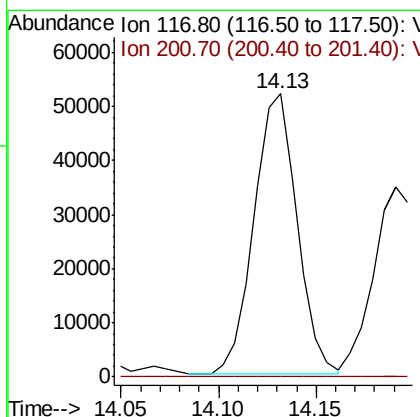
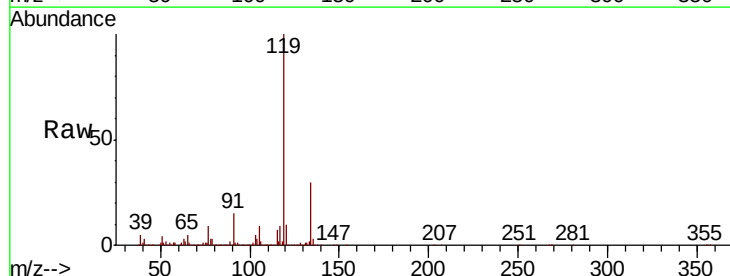
Instrument :
MSVOA_D
ClientSampled :

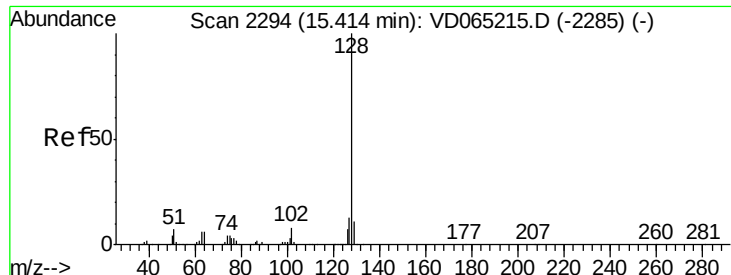
Tot Ion: 91 Resp: 170426
Ion Ratio Lower Upper
91 100
92 49.3 27.0 80.8
134 0.0 13.5 40.4#



#90
Hexachloroethane
Concen: 15.705 ug/l
RT: 14.13 min Scan# 2076
Delta R.T. 0.01 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Tgt Ion: 117 Resp: 79297
Ion Ratio Lower Upper
117 100
201 0.1 41.3 124.1#





#95
Naphthalene
Concen: 127.976 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065253.D
Acq: 20 Feb 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 1533414
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

