

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066426.D
 Acq On : 26 Aug 2020 17:50
 Operator : VA/SY
 Sample : L3787-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20071

Quant Time: Aug 27 07:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	37189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	77701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	15748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	61587	168.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.84%	
35) Dibromofluoromethane	7.91	113	42340	87.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.28%	
50) Toluene-d8	10.33	98	36106	20.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.62%	
62) 4-Bromofluorobenzene	12.63	95	3538	5.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.22%	

Target Compounds

						Qvalue
3) Chloromethane	2.31	50	1065	4.752	ug/l #	43
11) Tert butyl alcohol	5.21	59	295573	17101.737	ug/l	98
15) Acrylonitrile	5.20	53	945	16.066	ug/l #	1
16) Acetone	4.16	43	1735	26.395	ug/l	93
20) Methylene Chloride	4.97	84	14087	38.670	ug/l #	88
25) 2-Butanone	7.48	43	15260359	204503.519	ug/l #	47
27) cis-1,2-Dichloroethene	7.48	96	93625	247.648	ug/l #	1
29) Tetrahydrofuran	7.48	42	4337556	102339.356	ug/l #	28
30) Chloroform	7.49	83	45015	70.288	ug/l #	19
31) Cyclohexane	7.97	56	1232	2.434	ug/l #	38
36) 1,1-Dichloropropene	7.97	75	3275	4.619	ug/l #	52
37) Ethyl Acetate	7.48	43	19047632	78992.347	ug/l #	67
38) Carbon Tetrachloride	7.98	117	4311	4.667	ug/l #	12
39) Methylcyclohexane	9.35	83	1395	1.670	ug/l #	63
41) Methacrylonitrile	7.48	41	16130242	108474.016	ug/l #	87
43) Isopropyl Acetate	8.61	43	80746	166.835	ug/l #	49
48) Methyl methacrylate	9.57	41	14617	58.567	ug/l #	38
52) Toluene	10.40	92	3783	2.994	ug/l	86
55) 1,1,2-Trichloroethane	10.77	97	510	1.431	ug/l #	16
59) 2-Hexanone	10.86	43	1229	7.442	ug/l	92
67) Ethyl Benzene	11.74	91	1973	3.578	ug/l #	86
68) m/p-Xylenes	11.85	106	3434	16.336	ug/l	91
69) o-Xylene	12.18	106	1427	7.297	ug/l	98
70) Styrene	12.19	104	1440	4.289	ug/l #	84
73) Isopropylbenzene	12.48	105	819	2.529	ug/l #	65
74) N-amyl acetate	12.30	43	116	1.983	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.71	83	77	1.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.74	75	420	12.348	ug/l #	1
78) n-propylbenzene	12.83	91	1692	4.556	ug/l	99
79) 2-Chlorotoluene	12.92	91	246	1.160	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.96	105	3311	11.840	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.63	75	1757	109.646	ug/l #	8
83) tert-Butylbenzene	13.46	119	2074	8.538	ug/l	83
84) 1,2,4-Trimethylbenzene	13.27	105	8441	30.731	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

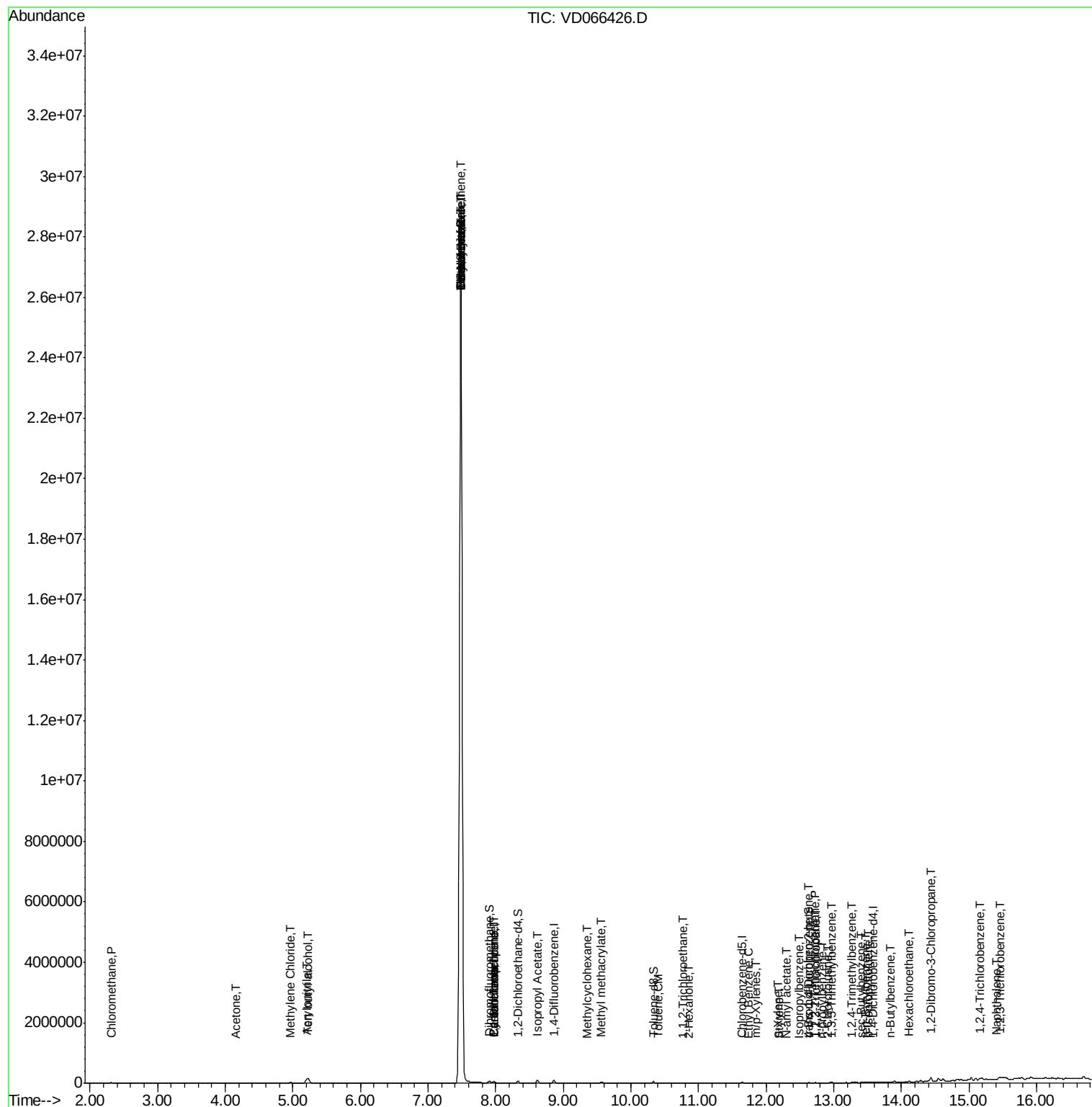
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.41	105	2478	7.786	ug/l	100
86) p-Isopropyltoluene	13.51	119	1678	5.468	ug/l	92
89) n-Butylbenzene	13.85	91	723	2.670	ug/l #	16
90) Hexachloroethane	14.12	117	676	11.151	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.44	75	59	6.080	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	773	7.495	ug/l #	1
95) Naphthalene	15.41	128	8913	55.024	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.47	180	1711	19.367	ug/l	70

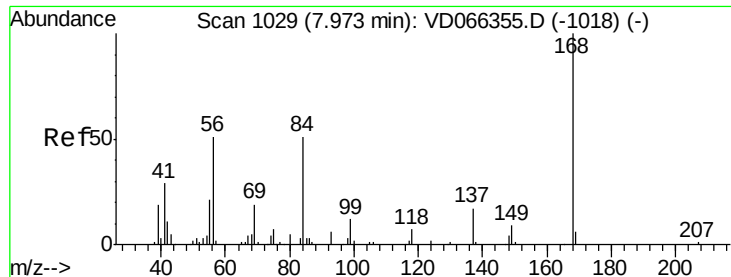
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

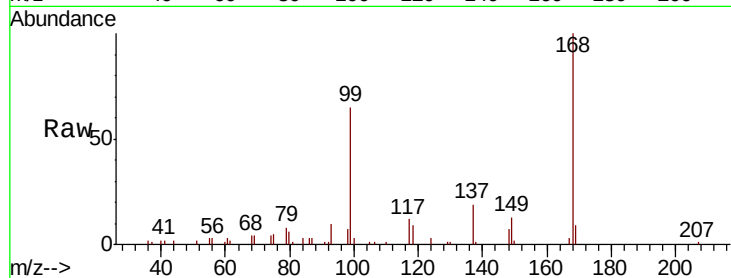
20071

Tot Ion:168 Resp: 37189

Ion Ratio Lower Upper

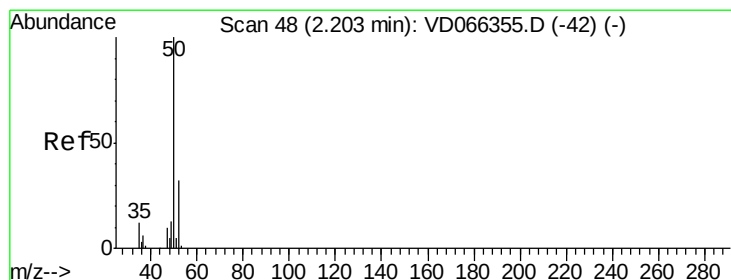
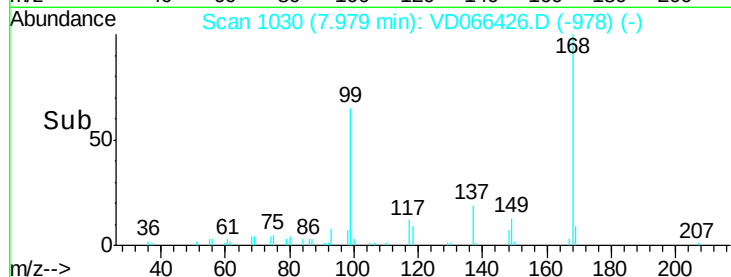
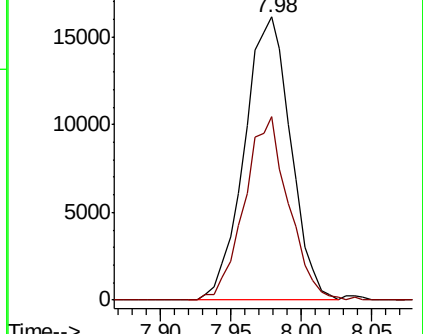
168 100

99 65.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 4.752 ug/l

RT: 2.31 min Scan# 67

Delta R.T. 0.11 min

Lab File: VD066426.D

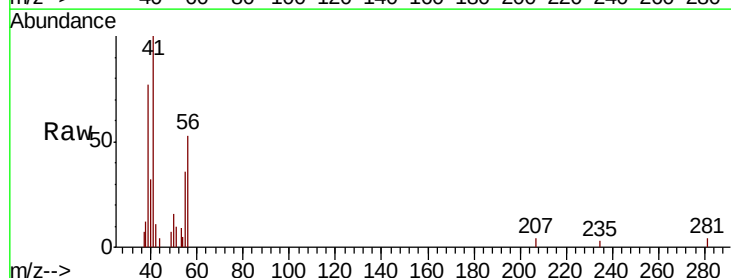
Acq: 26 Aug 2020 17:50

Tgt Ion: 50 Resp: 1065

Ion Ratio Lower Upper

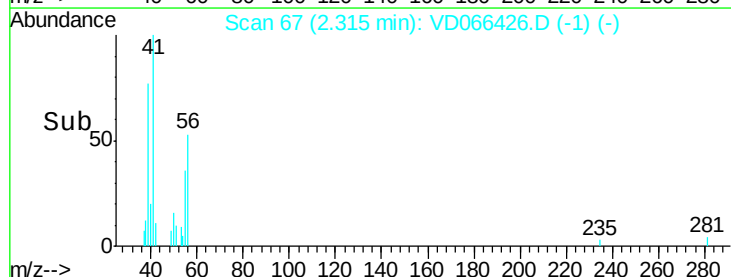
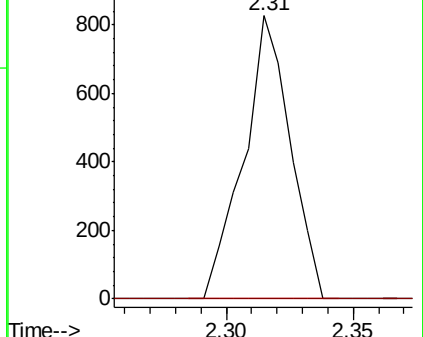
50 100

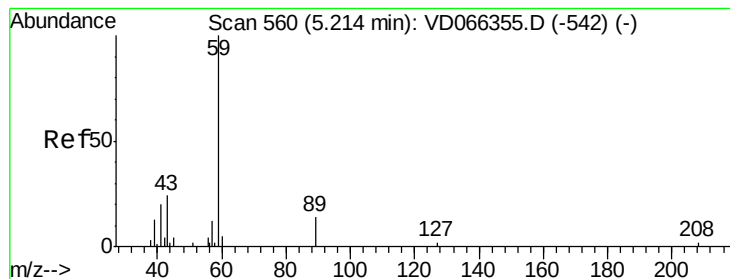
52 0.0 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#11

Tert butyl alcohol

Concen: 17101.737 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

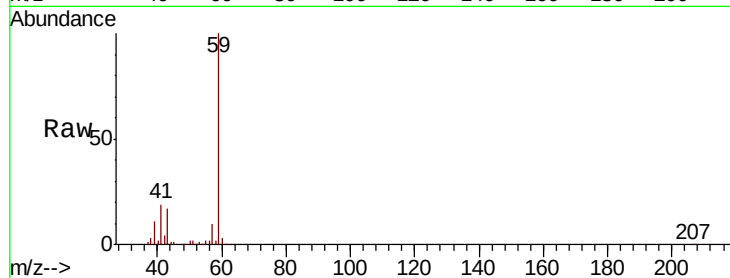
20071

Tot Ion: 59 Resp: 295573

Ion Ratio Lower Upper

59 100

57 12.1 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

80000

60000

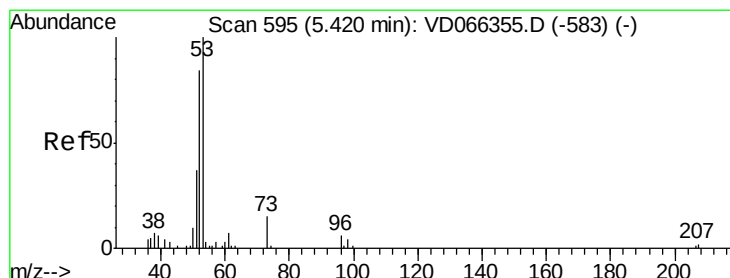
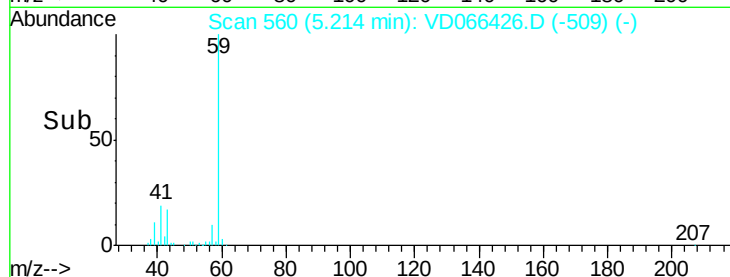
40000

20000

0

Time-->

5.10 5.20 5.30



#15

Acrylonitrile

Concen: 16.066 ug/l

RT: 5.20 min Scan# 557

Delta R.T. -0.22 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

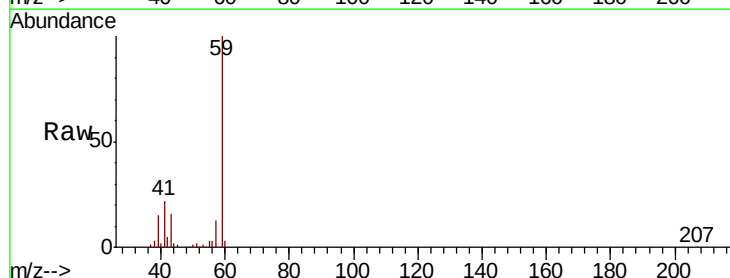
Tgt Ion: 53 Resp: 945

Ion Ratio Lower Upper

53 100

52 59.3 68.1 102.1#

51 452.6 33.8 50.6#



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

2000

1500

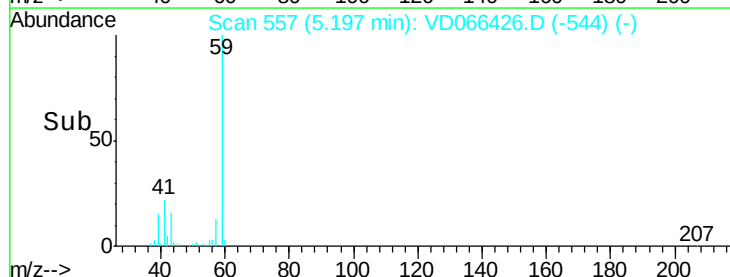
1000

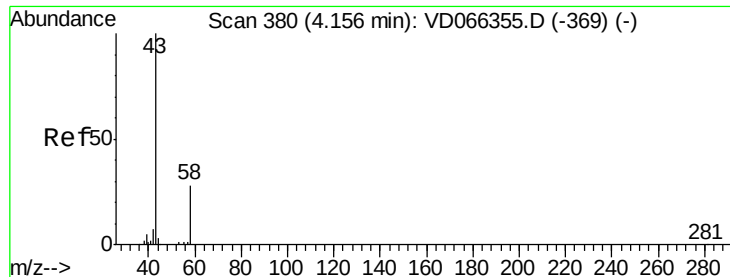
500

0

Time-->

5.16 5.18 5.20





#16

Acetone

Concen: 26.395 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

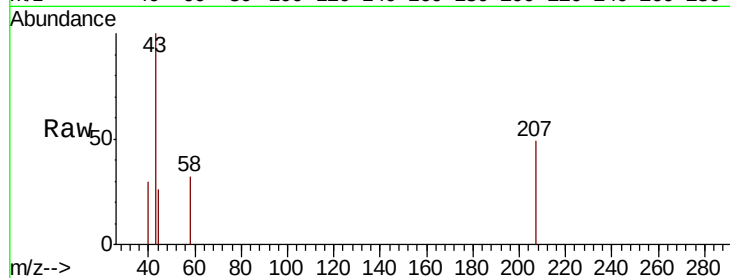
20071

Tot Ion: 43 Resp: 1735

Ion Ratio Lower Upper

43 100

58 32.1 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

800

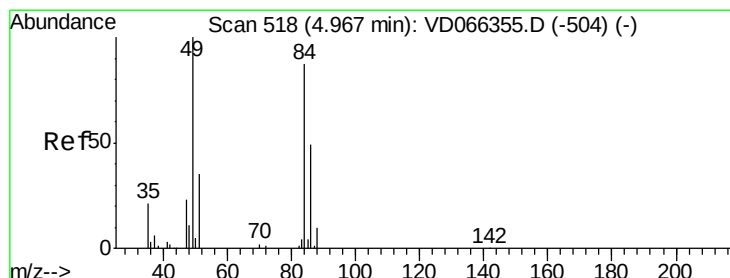
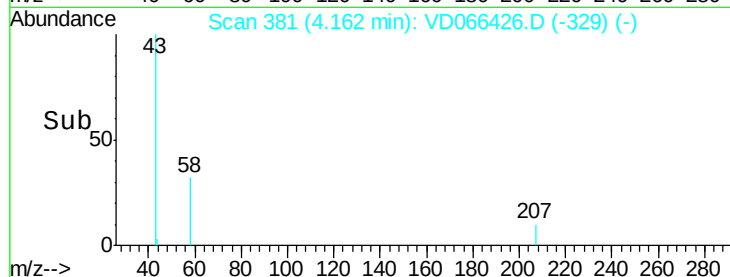
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 38.670 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Tgt Ion: 84 Resp: 14087

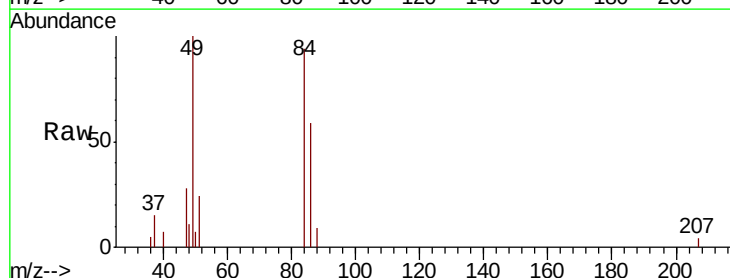
Ion Ratio Lower Upper

84 100

49 105.9 92.5 138.7

51 25.7 32.5 48.7#

86 62.4 45.0 67.6



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

8000

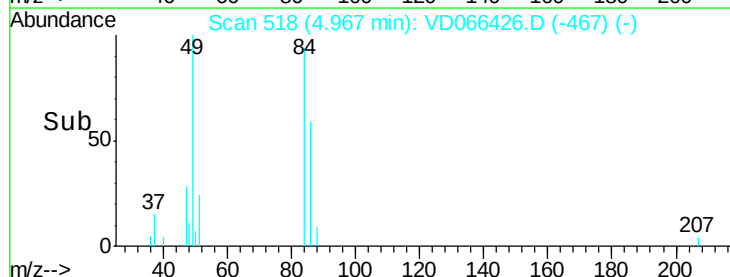
6000

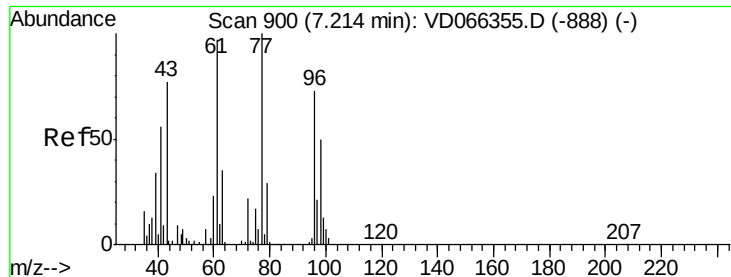
4000

2000

0

Time-->





#25

2-Butanone

Concen: 204503.519 ug/l

RT: 7.48 min Scan# 946

Delta R.T. 0.27 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

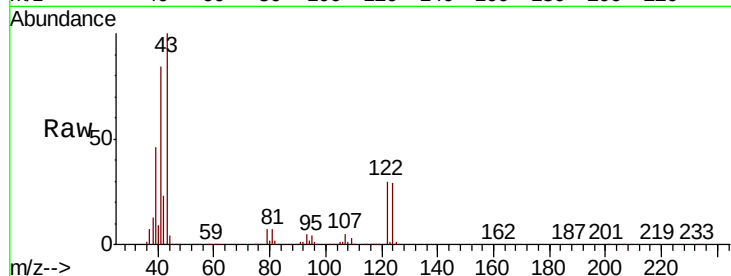
20071

Tot Ion: 43 Resp:15260359

Ion Ratio Lower Upper

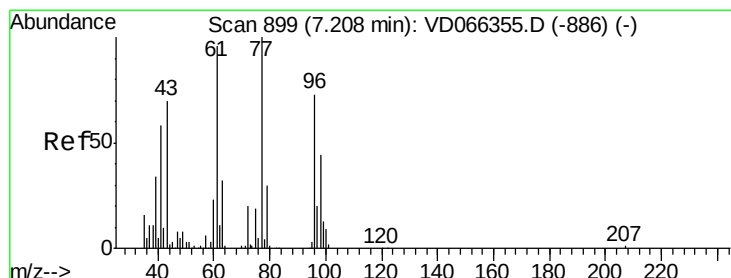
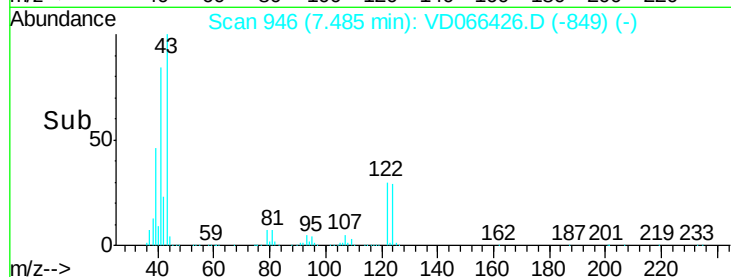
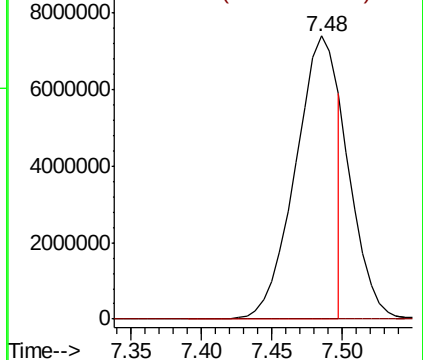
43 100

72 0.0 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#27

cis-1,2-Dichloroethene

Concen: 247.648 ug/l

RT: 7.48 min Scan# 946

Delta R.T. 0.28 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

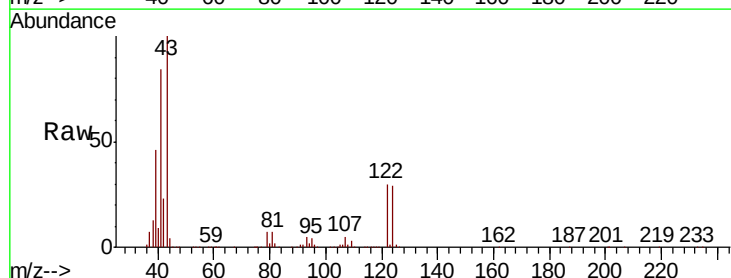
Tgt Ion: 96 Resp: 93625

Ion Ratio Lower Upper

96 100

61 3.3 0.0 281.4

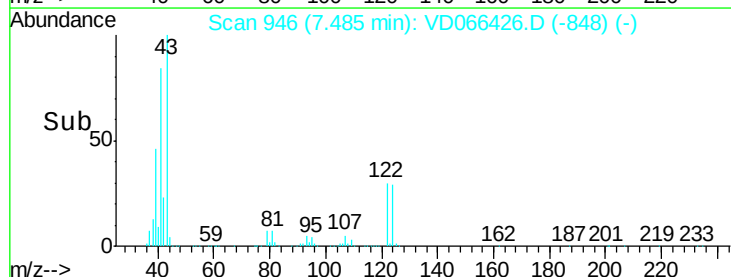
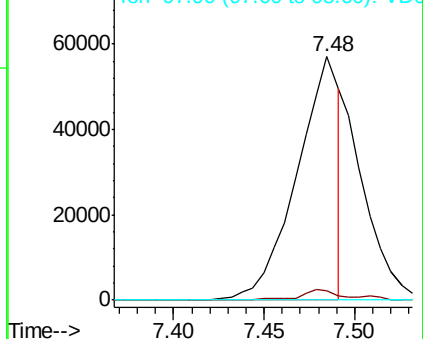
98 0.0 0.0 132.2

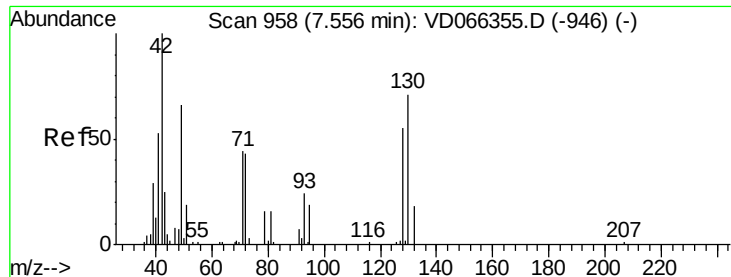


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#29

Tetrahydrofuran

Concen: 102339.356 ug/l

RT: 7.48 min Scan# 946

Delta R.T. -0.07 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

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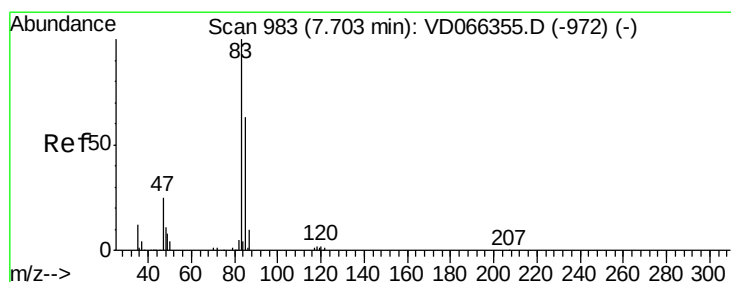
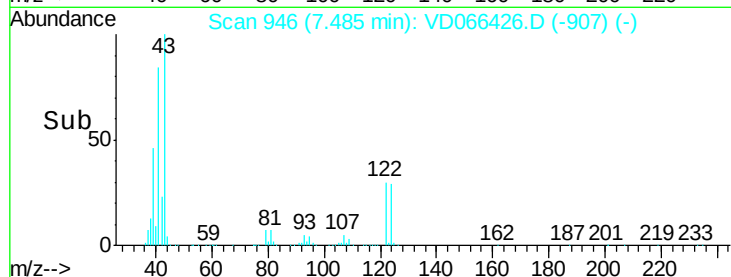
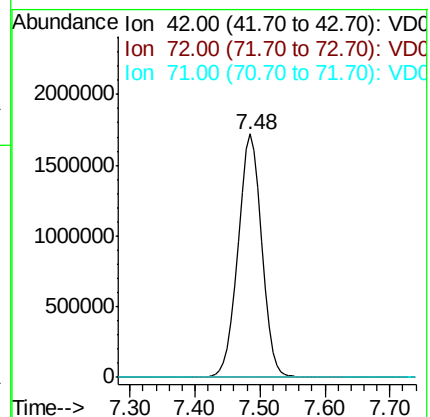
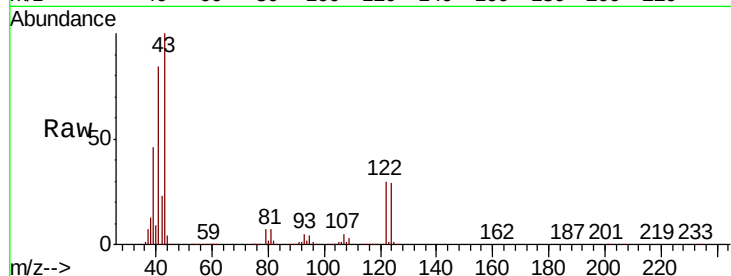
Tot Ion: 42 Resp: 4337556

Ion Ratio Lower Upper

42 100

72 0.0 41.0 61.4#

71 0.0 37.2 55.8#



#30

Chloroform

Concen: 70.288 ug/l

RT: 7.49 min Scan# 947

Delta R.T. -0.21 min

Lab File: VD066426.D

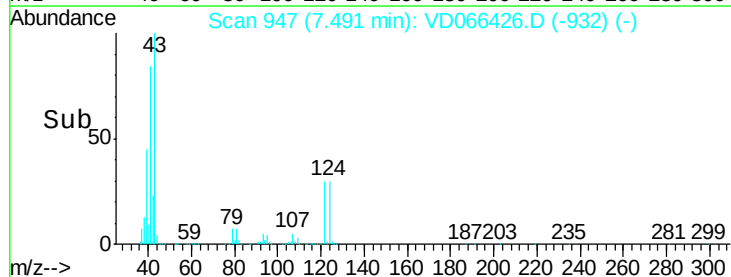
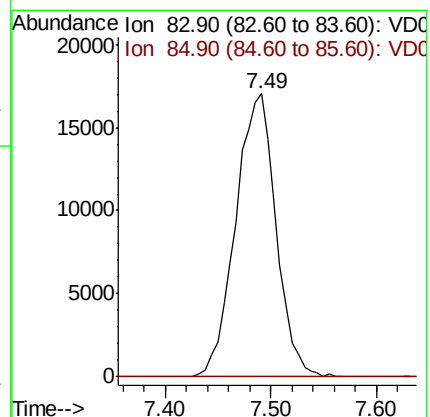
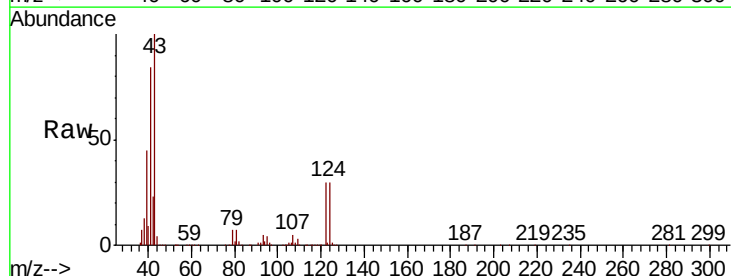
Acq: 26 Aug 2020 17:50

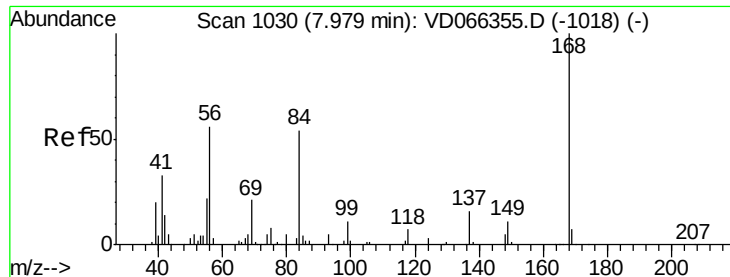
Tgt Ion: 83 Resp: 45015

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#

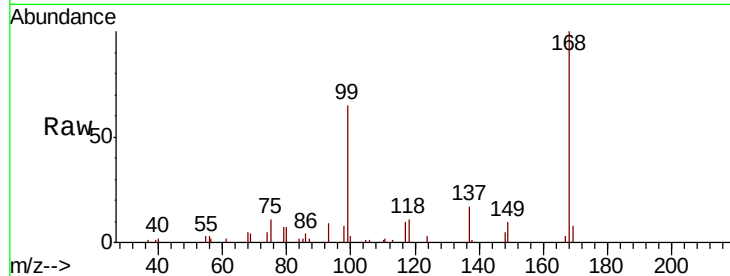




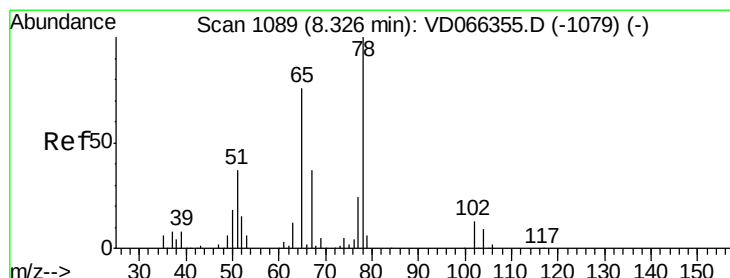
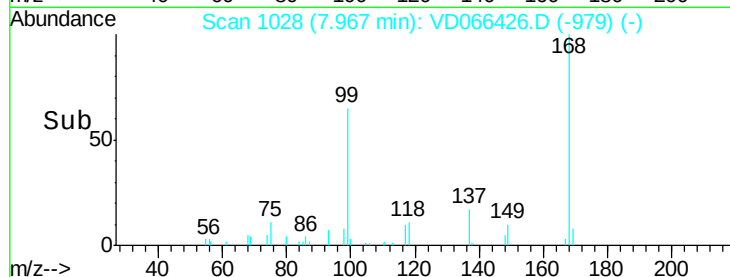
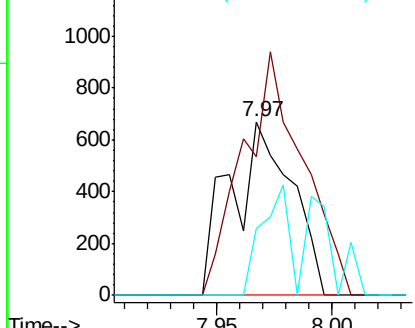
#31
Cyclohexane
Concen: 2.434 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

Instrument :
MSVOA_D
ClientSampleID :
20071

Tot Ion: 56 Resp: 1232
Ion Ratio Lower Upper
56 100
69 79.9 29.6 44.4#
84 38.8 76.6 115.0#

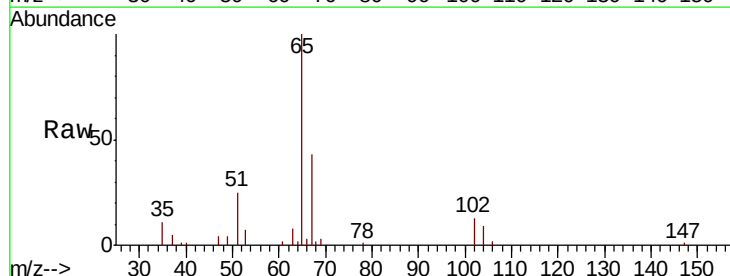


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

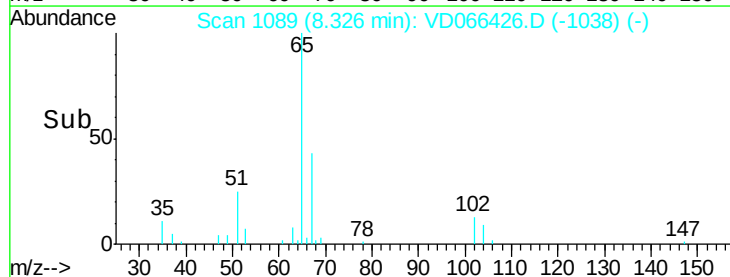
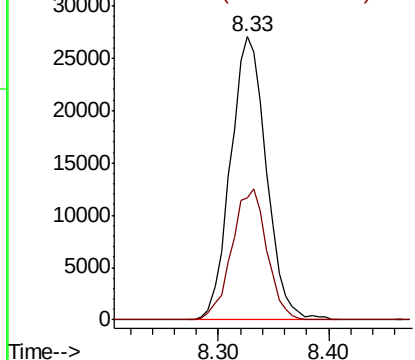


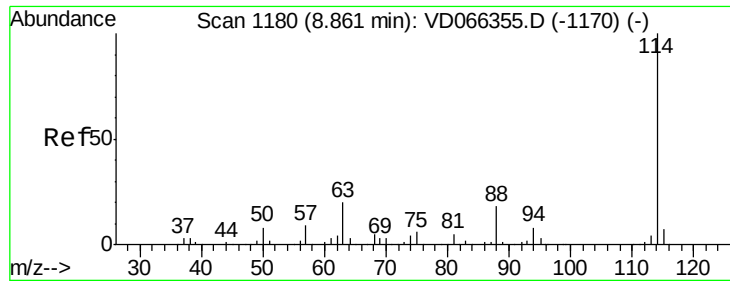
#33
1,2-Dichloroethane-d4
Concen: 168.917 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

Tgt Ion: 65 Resp: 61587
Ion Ratio Lower Upper
65 100
67 45.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

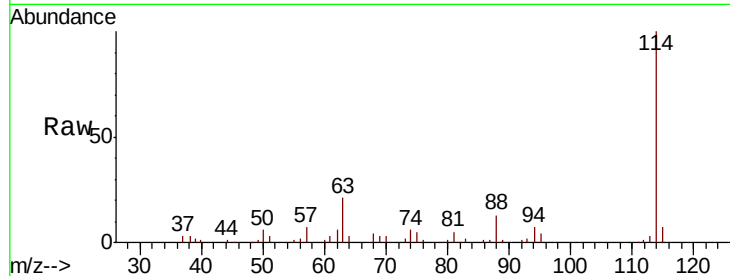




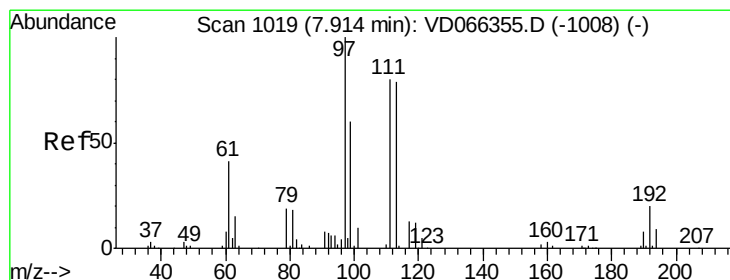
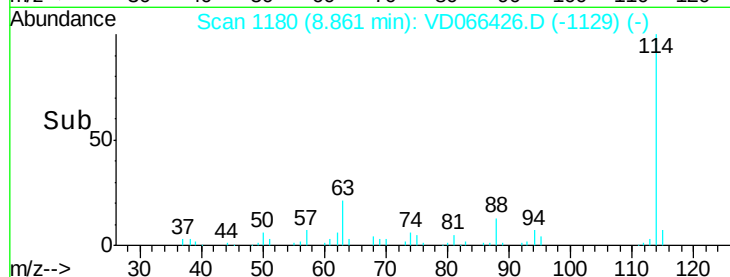
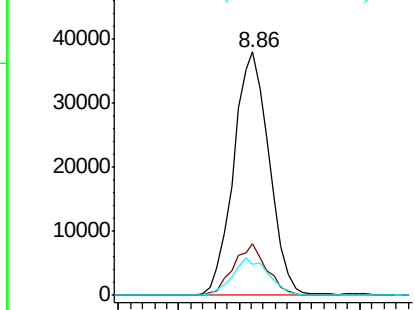
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

Instrument :
 MSVOA_D
 ClientSampleId :
 20071

Tot Ion:114 Resp: 77701
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 12.8 0.0 35.4

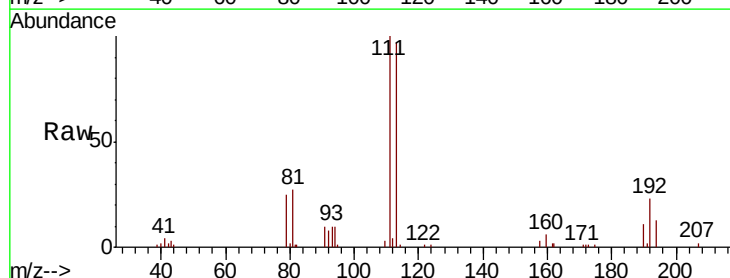


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

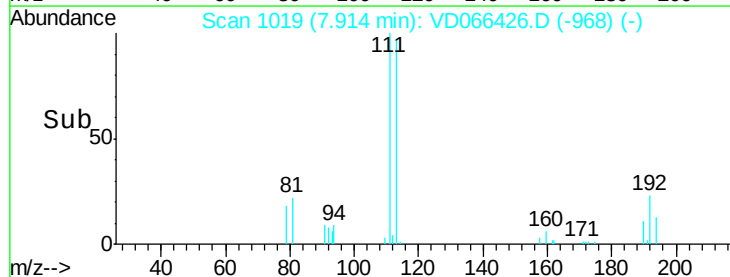
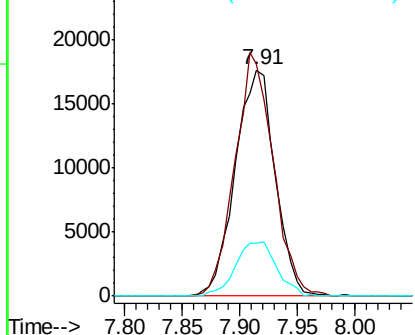


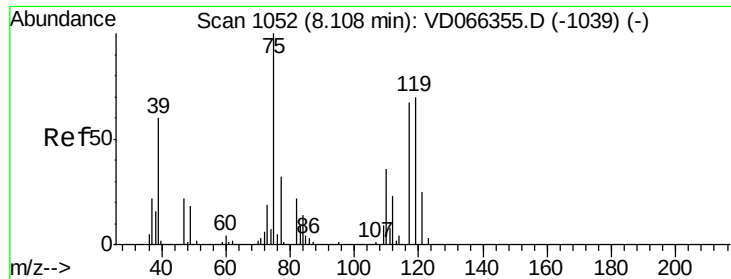
#35
 Dibromofluoromethane
 Concen: 87.142 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

Tgt Ion:113 Resp: 42340
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.3 120.5
 192 24.6 19.0 28.6



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: 4.619 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

20071

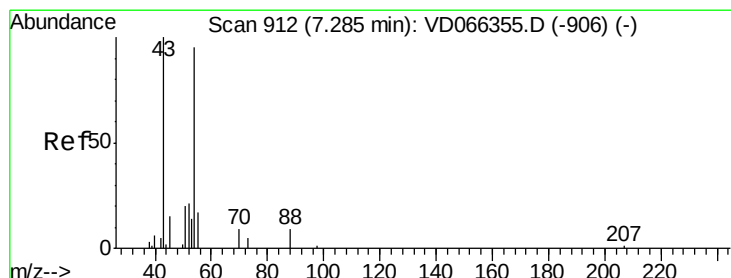
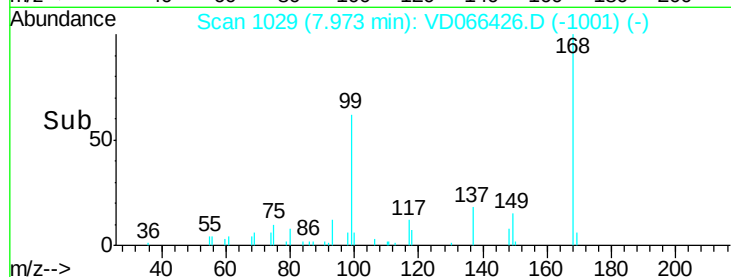
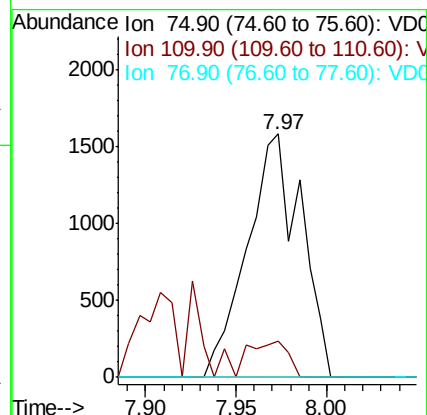
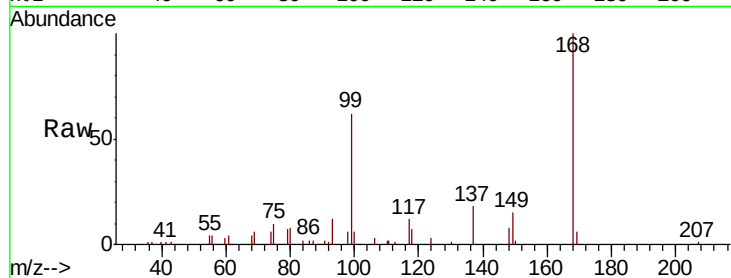
Tot Ion: 75 Resp: 3275

Ion Ratio Lower Upper

75 100

110 12.9 18.7 56.1#

77 0.0 25.2 37.8#



#37

Ethyl Acetate

Concen: 78992.347 ug/l

RT: 7.48 min Scan# 946

Delta R.T. 0.20 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

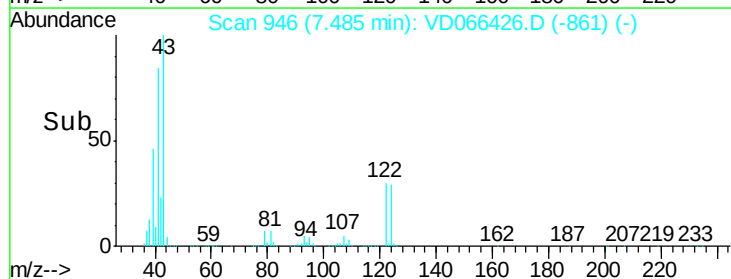
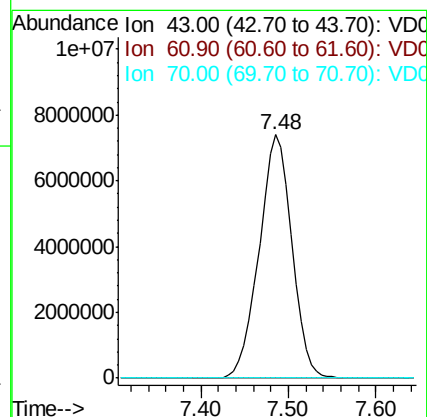
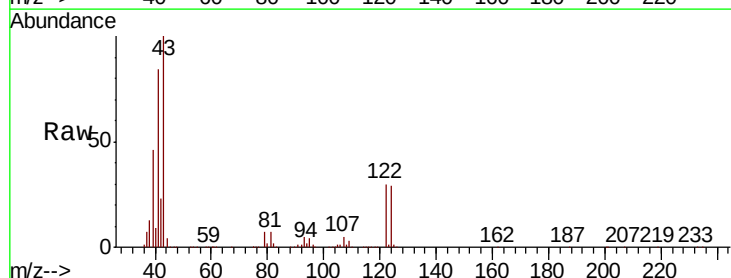
Tgt Ion: 43 Resp: 19047632

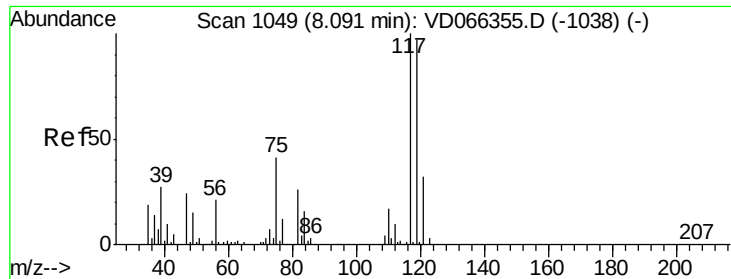
Ion Ratio Lower Upper

43 100

61 0.0 13.3 19.9#

70 0.0 3.5 5.3#





#38

Carbon Tetrachloride

Concen: 4.667 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

20071

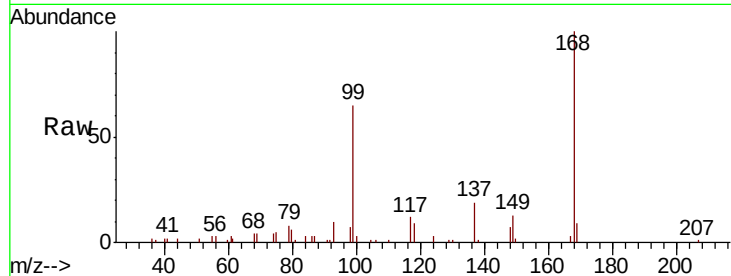
Tot Ion:117 Resp: 4311

Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

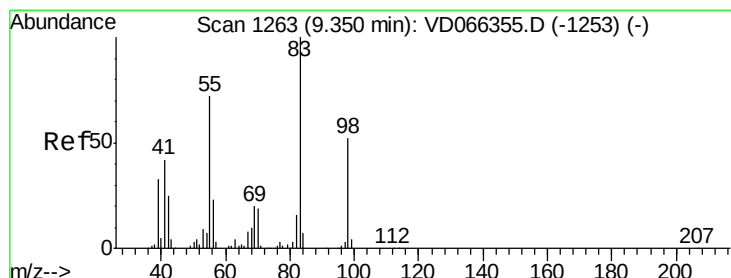
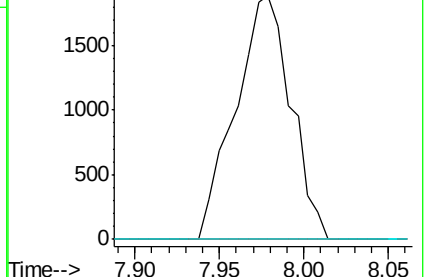
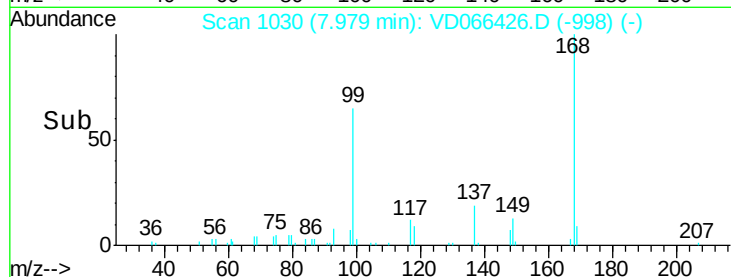
121 0.0 25.8 38.8#



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

Methylcyclohexane

Concen: 1.670 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

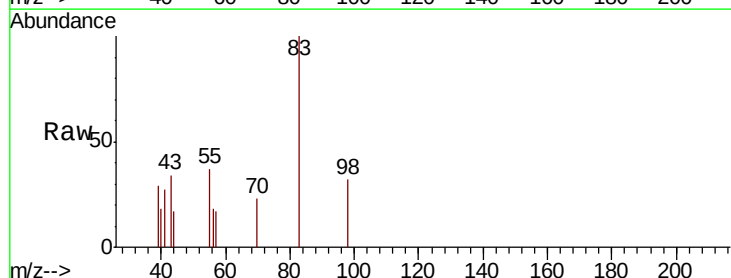
Tgt Ion: 83 Resp: 1395

Ion Ratio Lower Upper

83 100

55 37.1 58.0 87.0#

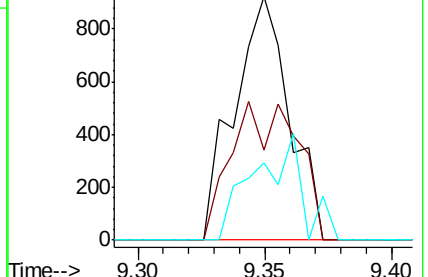
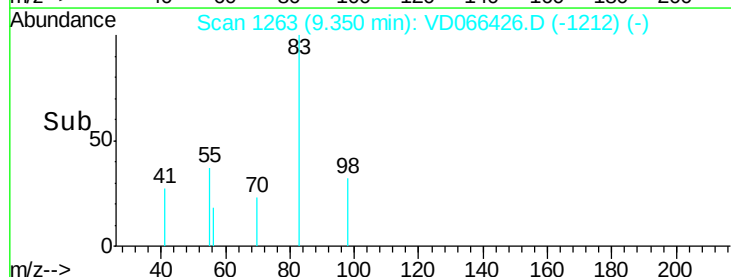
98 31.6 41.9 62.9#

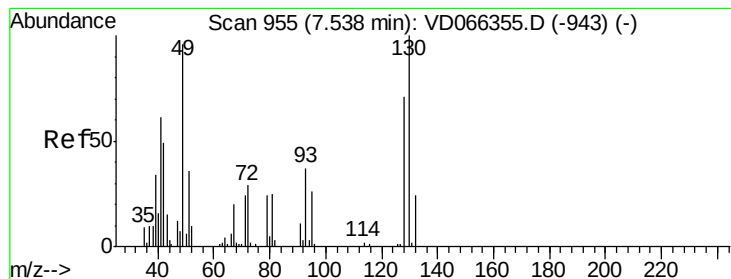


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC





#41

Methacrylonitrile

Concen: 108474.016 ug/l

RT: 7.48 min Scan# 946

Delta R.T. -0.05 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

20071

Tot Ion: 41 Resp:16130242

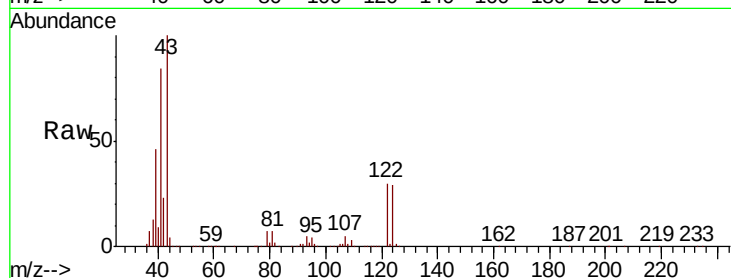
Ion Ratio Lower Upper

41 100

39 54.3 51.8 77.8

67 0.0 0.0 0.0#

52 0.0 0.0 0.0#

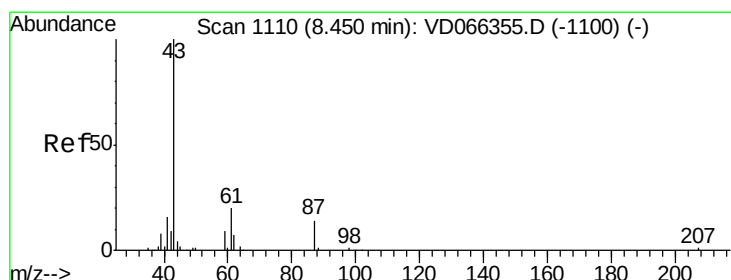
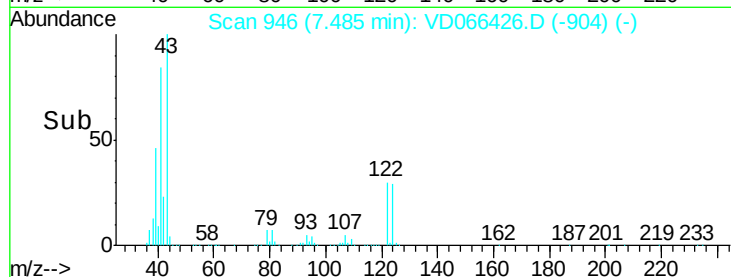
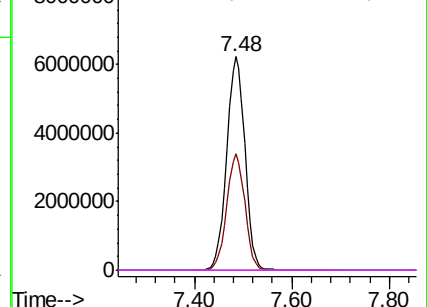


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#43

Isopropyl Acetate

Concen: 166.835 ug/l

RT: 8.61 min Scan# 1138

Delta R.T. 0.16 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

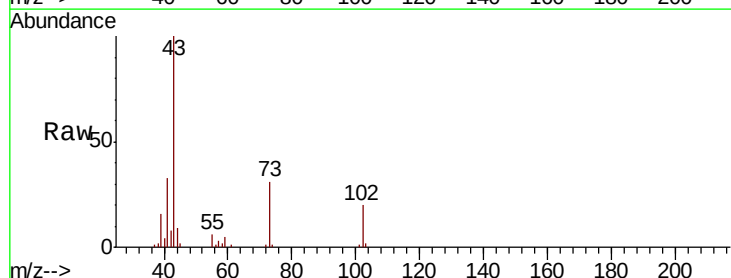
Tgt Ion: 43 Resp: 80746

Ion Ratio Lower Upper

43 100

61 0.7 26.5 39.7#

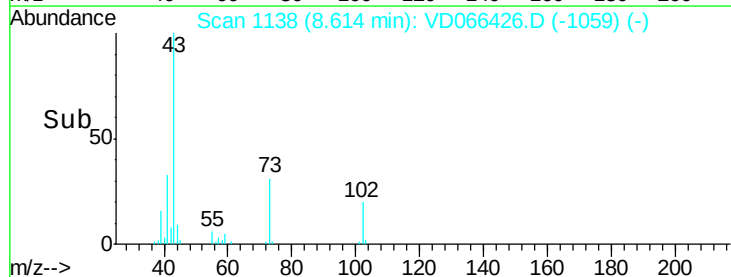
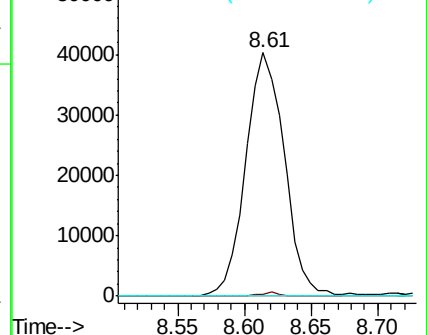
87 0.0 11.9 17.9#

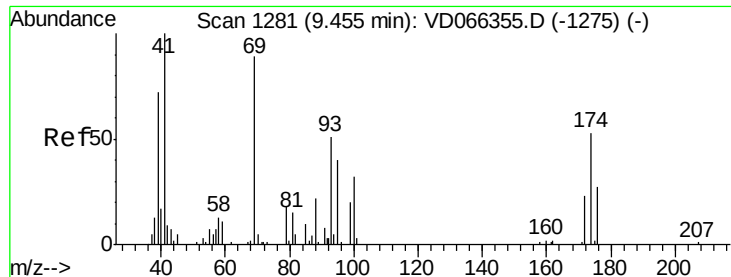


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

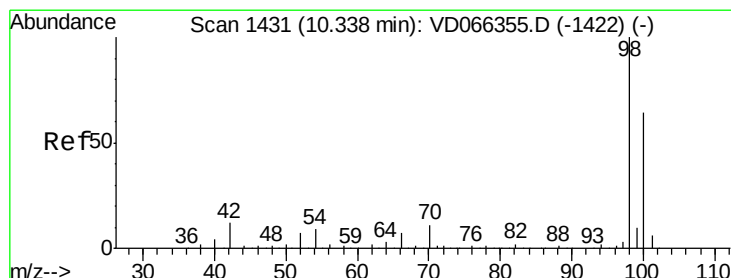
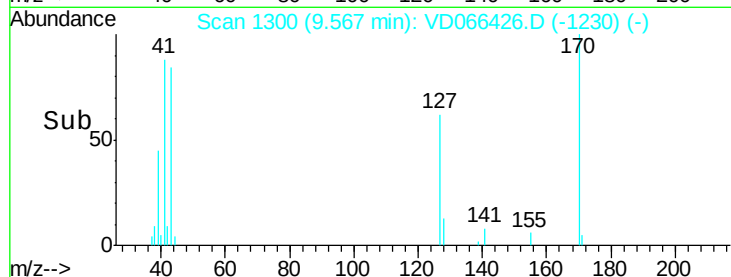
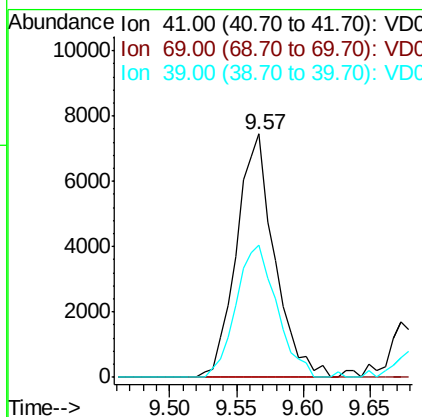
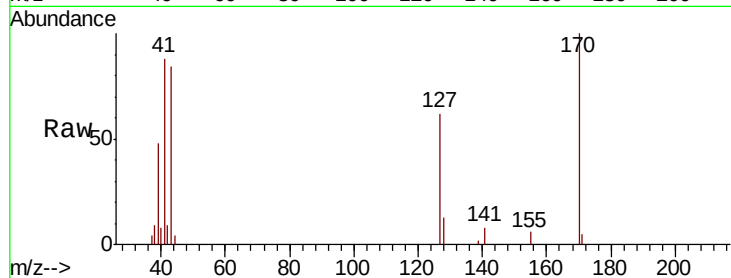




#48
Methvl methacrylate
Concen: 58.567 ug/l
RT: 9.57 min Scan# 1300
Delta R.T. 0.11 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

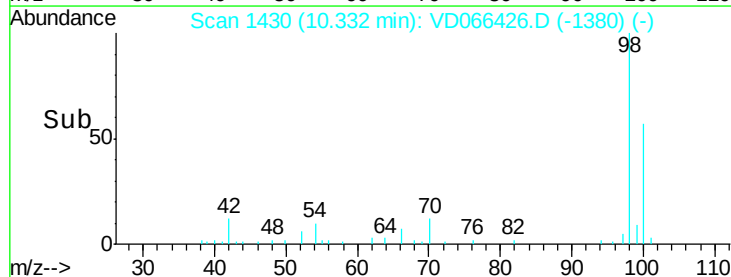
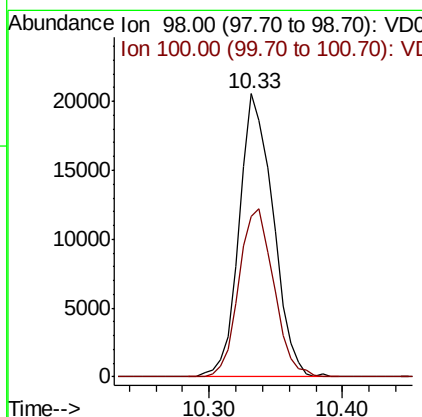
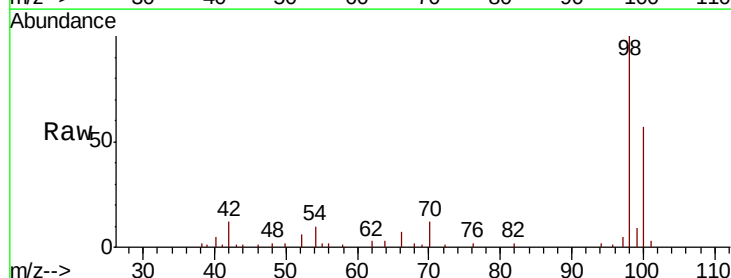
Instrument :
MSVOA_D
ClientSampleId :
20071

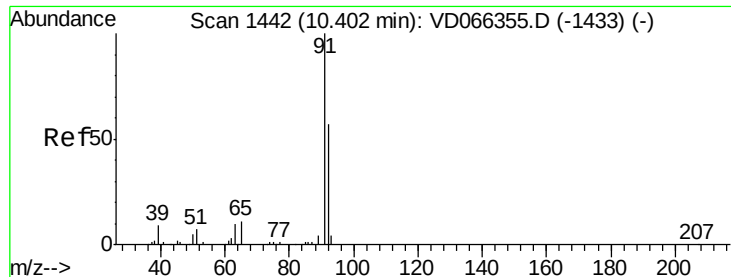
Tot Ion: 41 Resp: 14617
Ion Ratio Lower Upper
41 100
69 0.0 75.5 113.3#
39 58.6 57.0 85.4



#50
Toluene-d8
Concen: 20.310 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

Tgt Ion: 98 Resp: 36106
Ion Ratio Lower Upper
98 100
100 61.1 53.0 79.4





#52

Toluene

Concen: 2.994 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

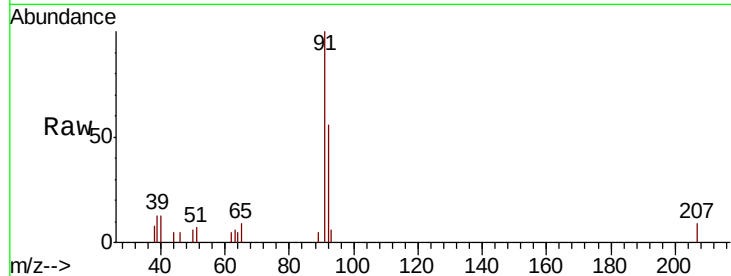
20071

Tot Ion: 92 Resp: 3783

Ion Ratio Lower Upper

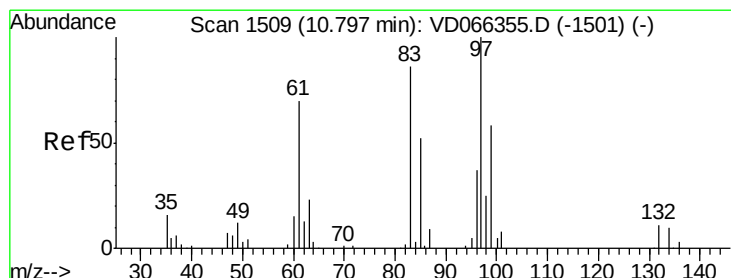
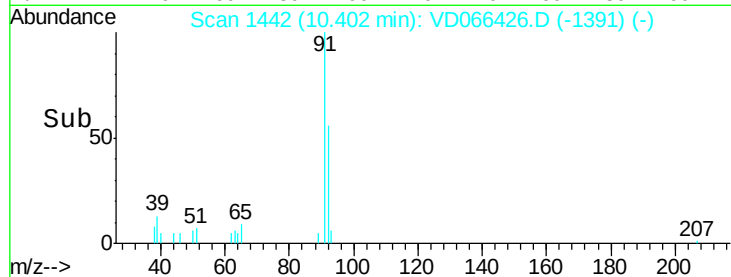
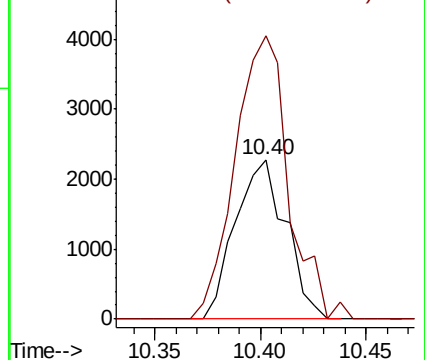
92 100

91 188.7 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#55

1,1,2-Trichloroethane

Concen: 1.431 ug/l

RT: 10.77 min Scan# 1504

Delta R.T. -0.03 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Tgt Ion: 97 Resp: 510

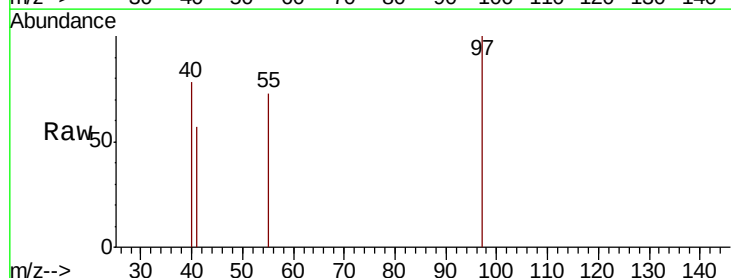
Ion Ratio Lower Upper

97 100

83 0.0 68.4 102.6#

85 0.0 41.3 61.9#

99 0.0 46.1 69.1#

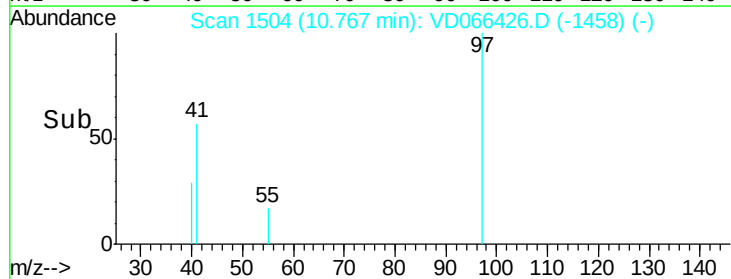
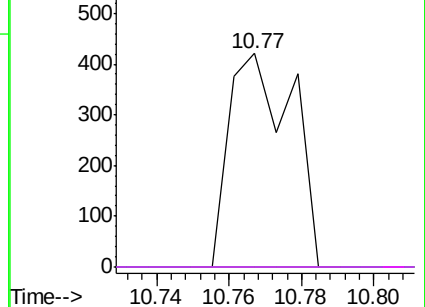


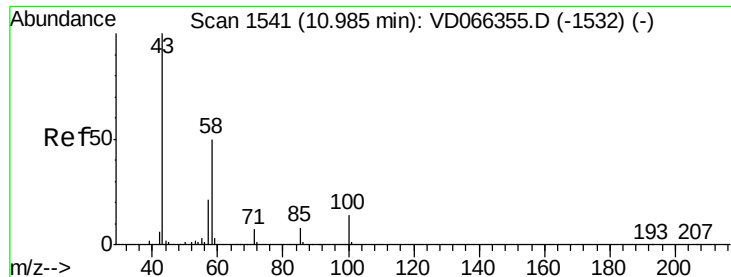
Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC





#59

2-Hexanone

Concen: 7.442 ug/l

RT: 10.86 min Scan# 1519

Delta R.T. -0.13 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

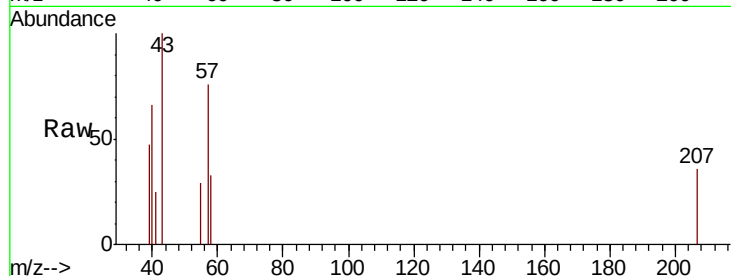
ClientSampleId :
20071

Tot Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

58 46.6 26.3 78.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.86

600

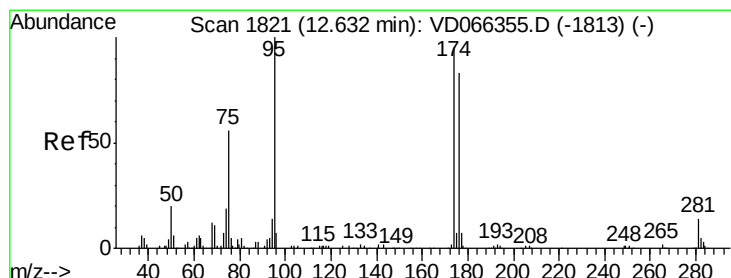
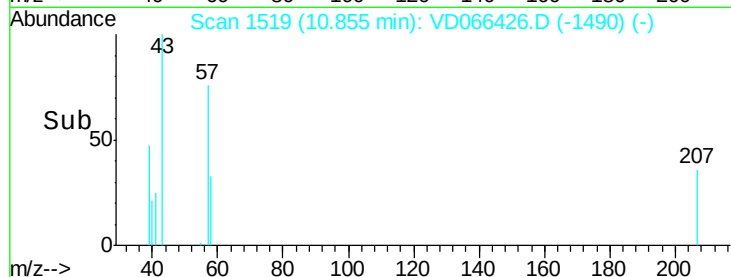
400

200

0

Time-->

10.80 10.85



#62

4-Bromofluorobenzene

Concen: 5.609 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

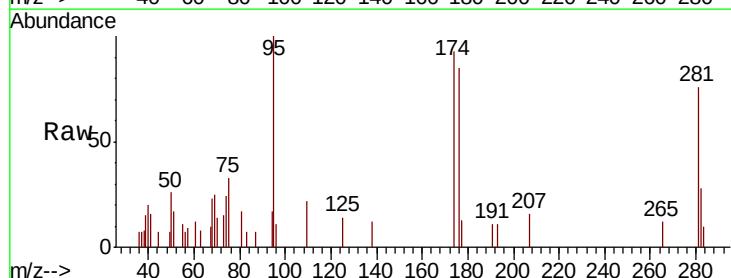
Tgt Ion: 95 Resp: 3538

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.4

176 86.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

3000

2500

2000

1500

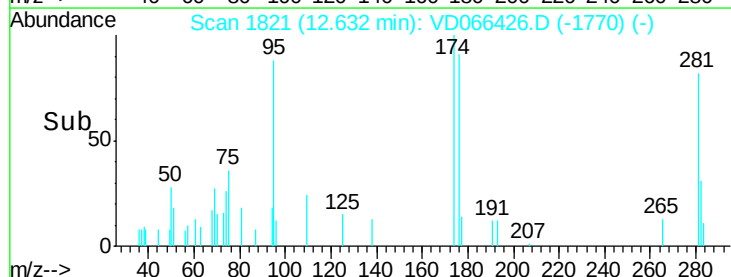
1000

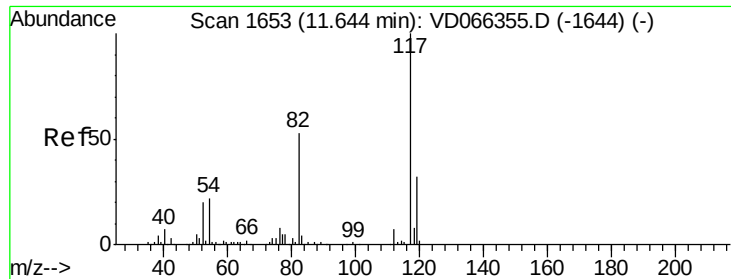
500

0

Time-->

12.60 12.65

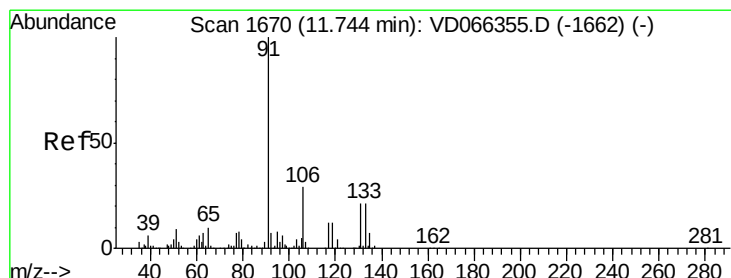
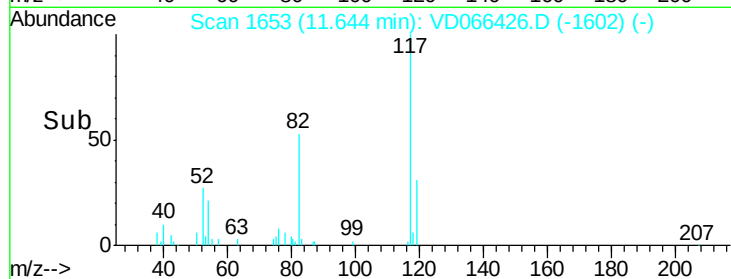
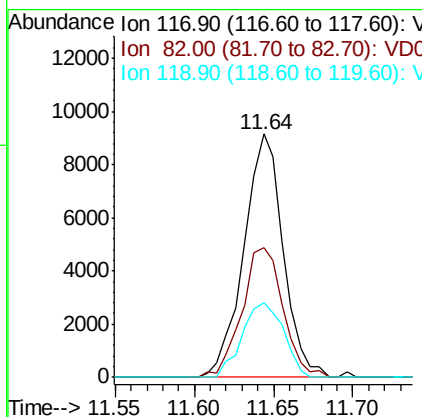
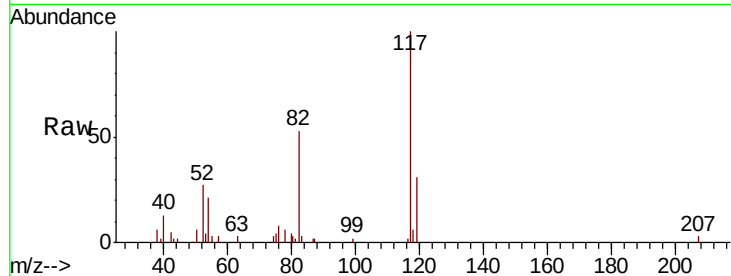




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

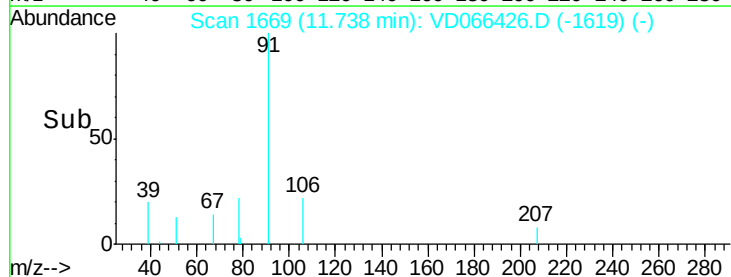
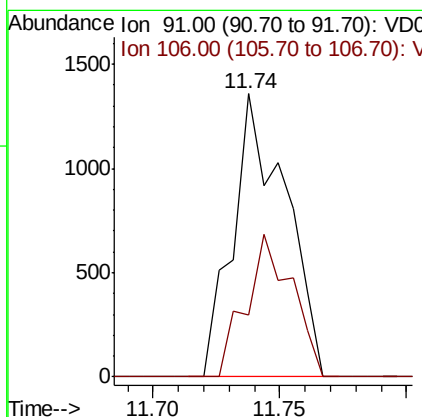
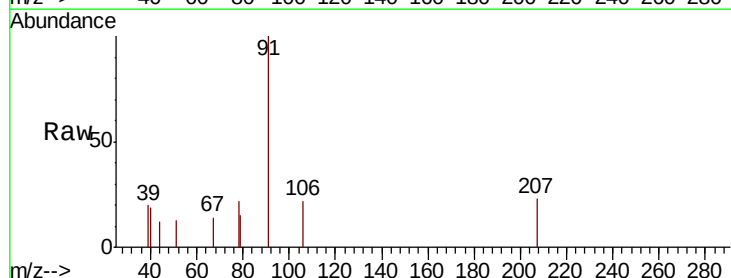
Instrument :
MSVOA_D
ClientSampleId :
20071

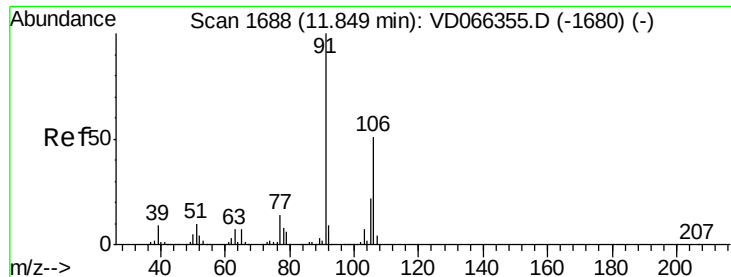
Tot Ion:117 Resp: 15748
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 30.9 25.8 38.8



#67
Ethyl Benzene
Concen: 3.578 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

Tgt Ion: 91 Resp: 1973
Ion Ratio Lower Upper
91 100
106 21.7 23.4 35.2#





#68

m/p-Xylenes

Concen: 16.336 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

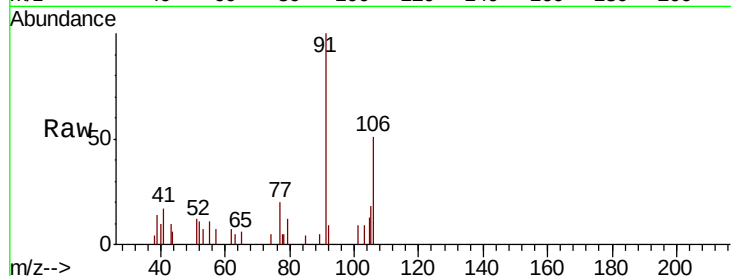
ClientSampleId :
20071

Tot Ion:106 Resp: 3434

Ion Ratio Lower Upper

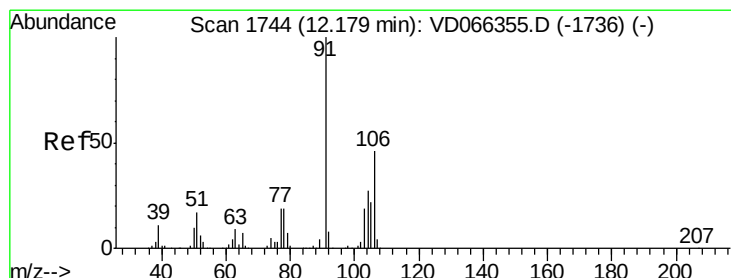
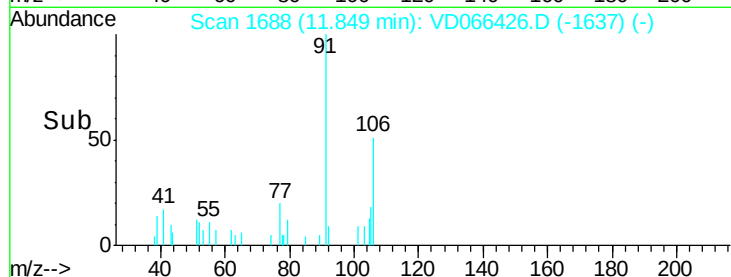
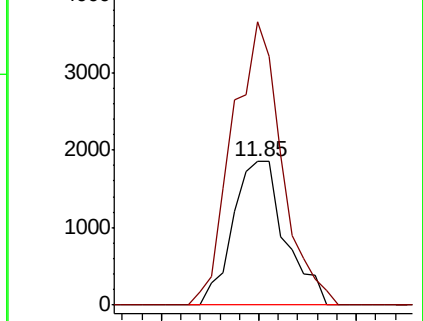
106 100

91 187.4 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 7.297 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. 0.01 min

Lab File: VD066426.D

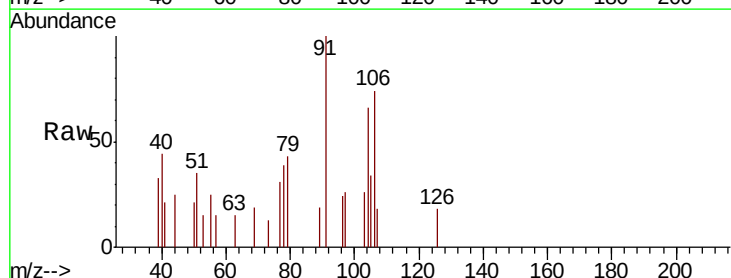
Acq: 26 Aug 2020 17:50

Tgt Ion:106 Resp: 1427

Ion Ratio Lower Upper

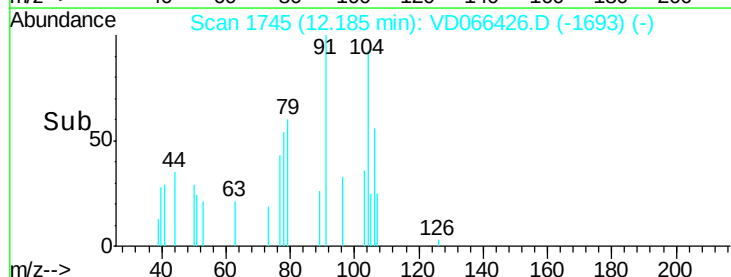
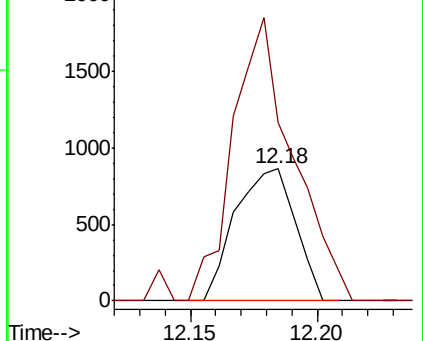
106 100

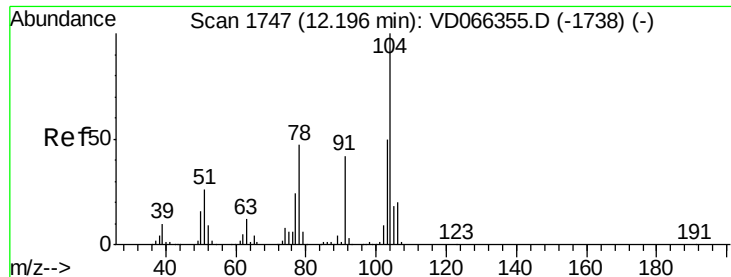
91 214.6 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

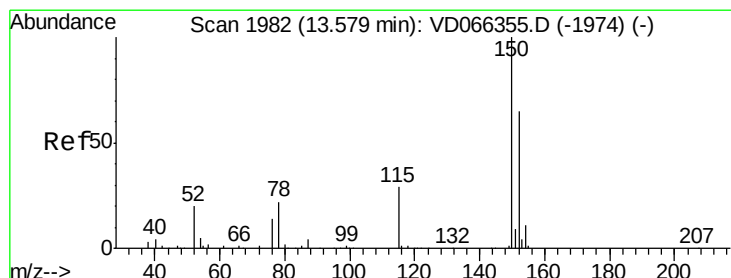
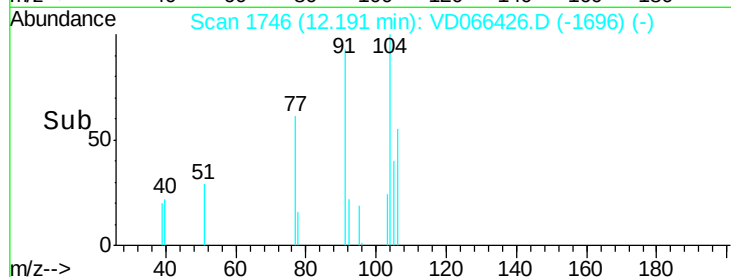
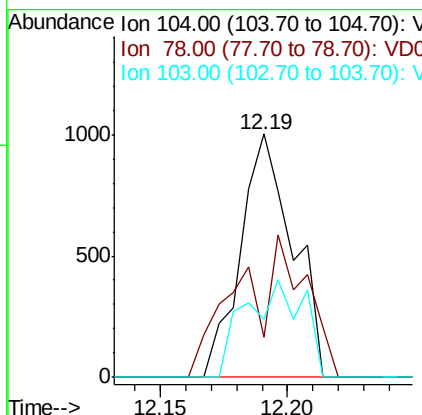
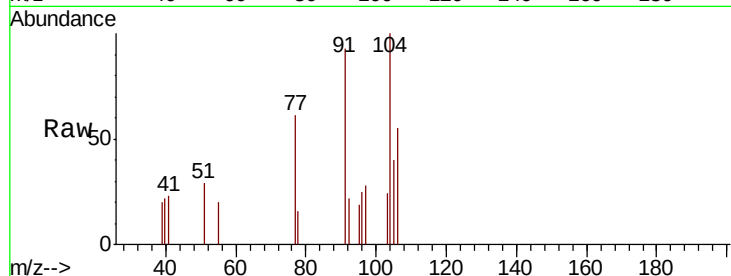




#70
Stvrene
Concen: 4.289 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

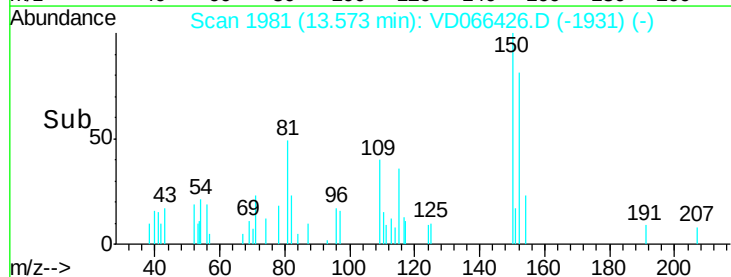
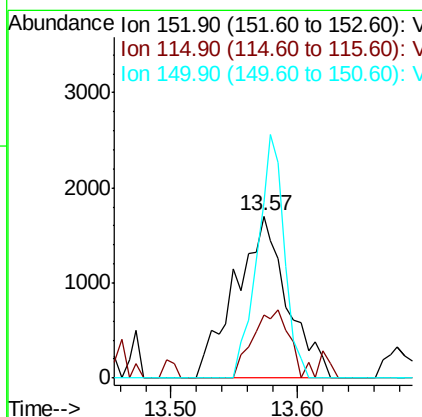
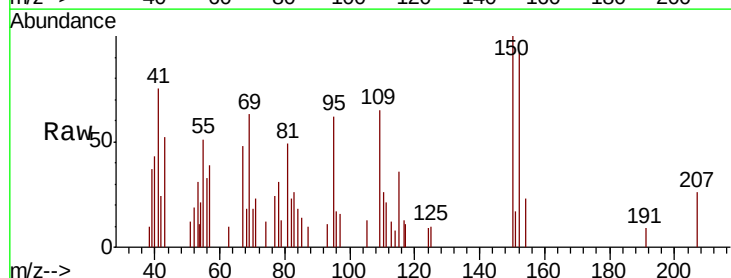
Instrument :
MSVOA_D
ClientSampleId :
20071

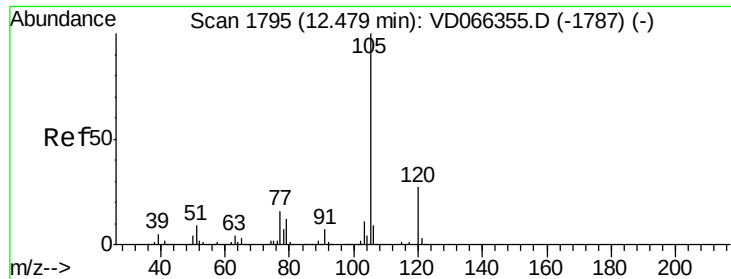
Tot Ion:104 Resp: 1440
Ion Ratio Lower Upper
104 100
78 38.6 41.7 62.5#
103 44.4 43.5 65.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

Tgt Ion:152 Resp: 4835
Ion Ratio Lower Upper
152 100
115 30.0 28.3 85.0
150 78.0 0.0 343.2





#73

Isopropylbenzene

Concen: 2.529 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

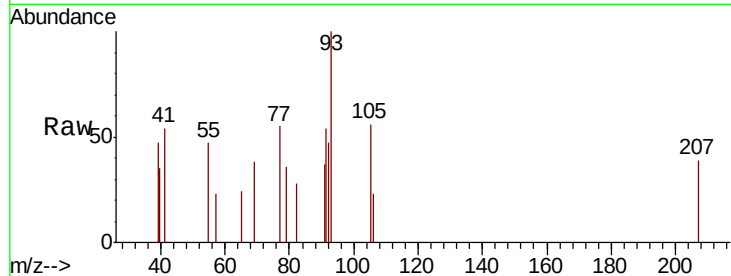
20071

Tot Ion:105 Resp: 819

Ion Ratio Lower Upper

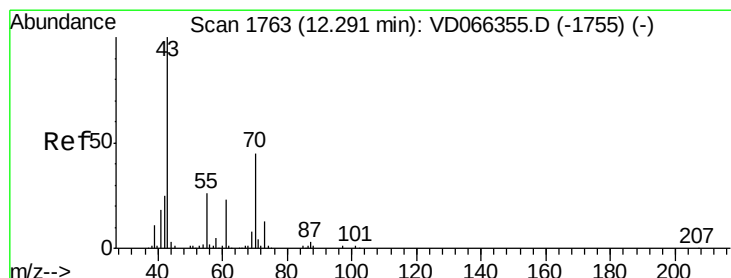
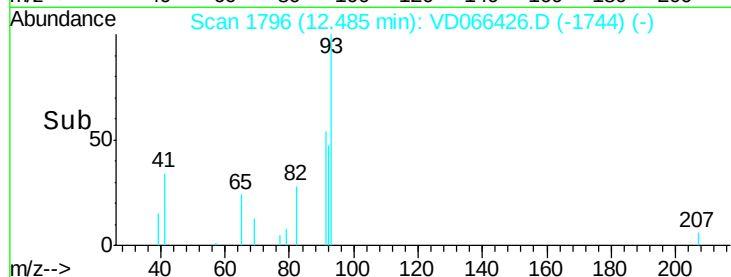
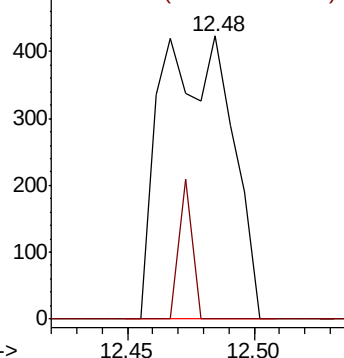
105 100

120 9.0 13.6 40.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.983 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Tgt Ion: 43 Resp: 116

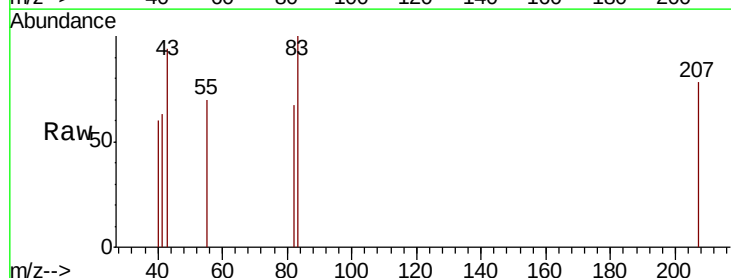
Ion Ratio Lower Upper

43 100

70 0.0 34.8 52.2#

55 0.0 20.3 30.5#

61 0.0 19.0 28.6#

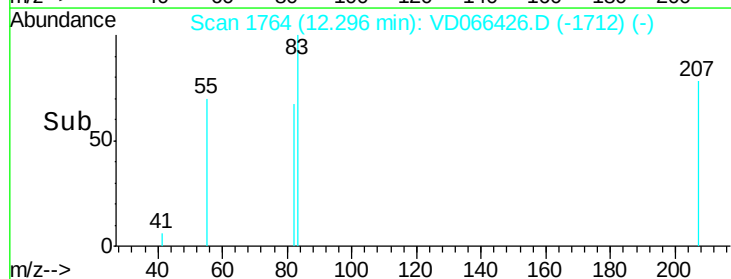
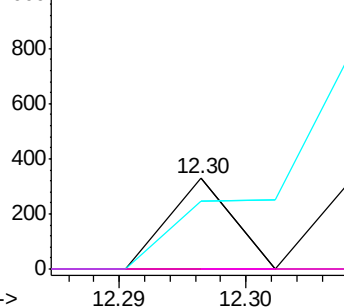


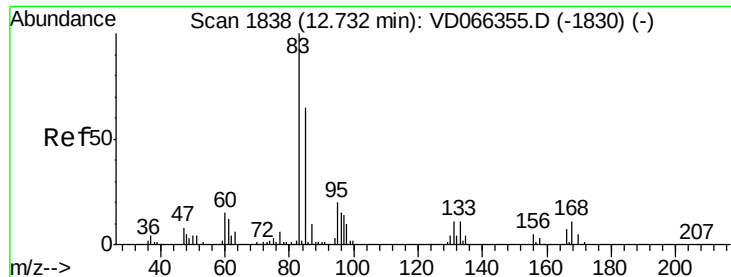
Abundance Ion 43.00 (42.70 to 43.70): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.664 ug/l

RT: 12.71 min Scan# 1835

Delta R.T. -0.02 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

20071

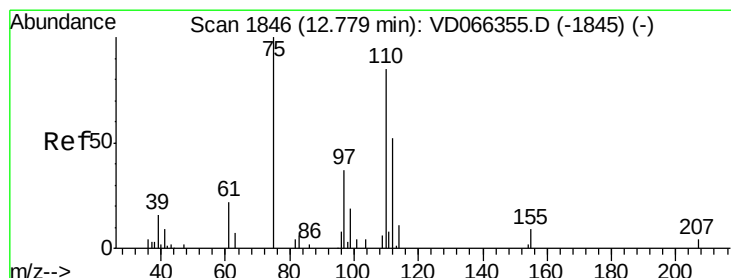
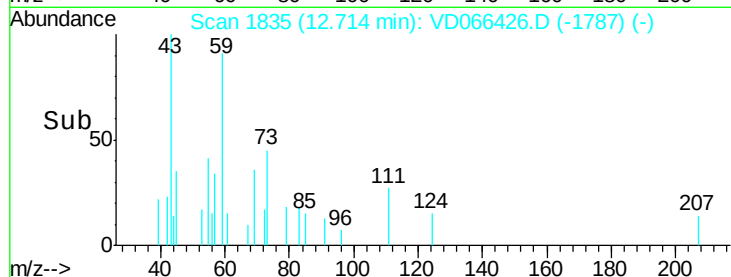
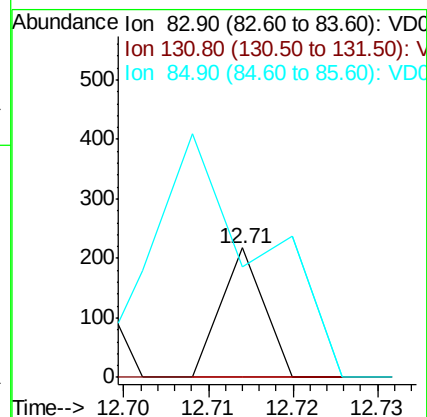
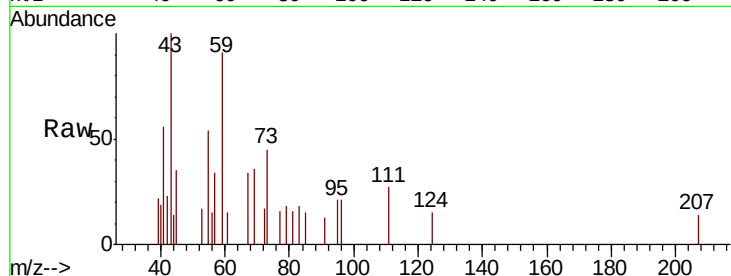
Tot Ion: 83 Resp: 77

Ion Ratio Lower Upper

83 100

131 0.0 7.0 20.9#

85 463.6 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 12.348 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VD066426.D

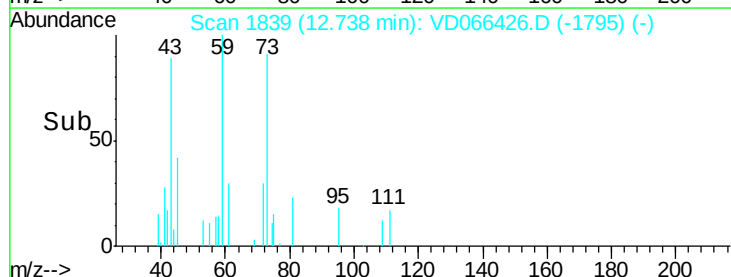
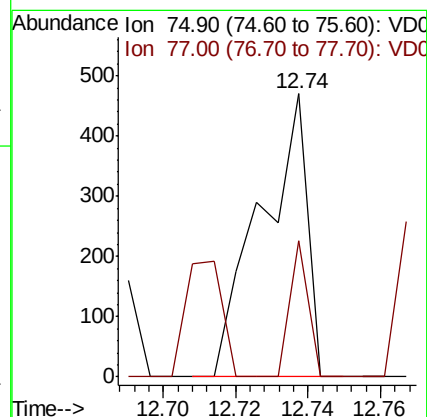
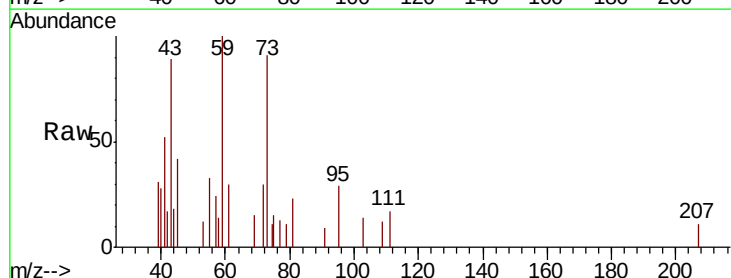
Acq: 26 Aug 2020 17:50

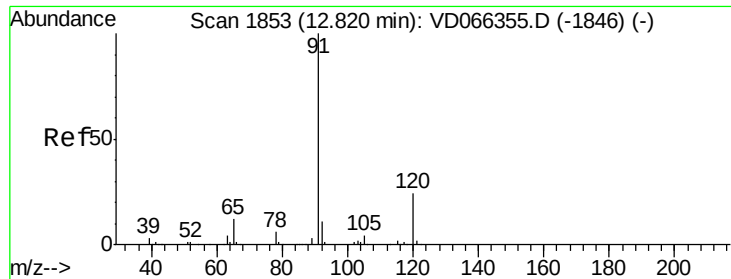
Tgt Ion: 75 Resp: 420

Ion Ratio Lower Upper

75 100

77 19.0 182.9 548.9#





#78

n-propylbenzene

Concen: 4.556 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

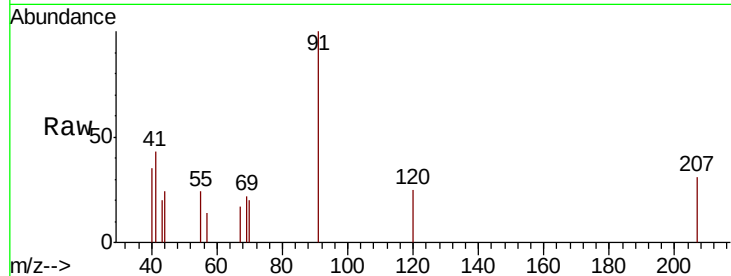
ClientSampleId :
20071

Tot Ion: 91 Resp: 1692

Ion Ratio Lower Upper

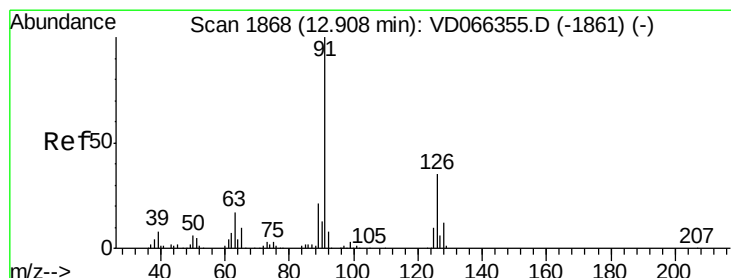
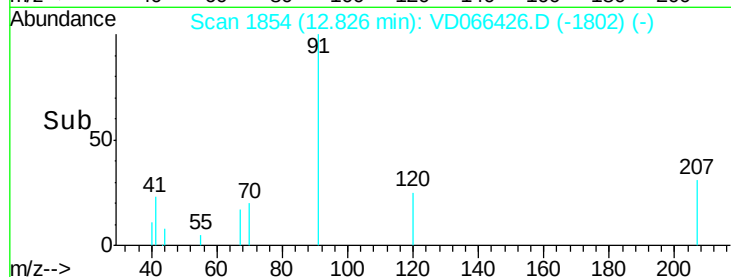
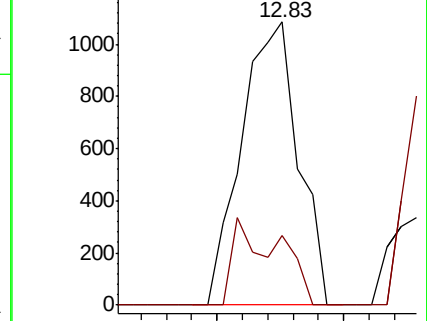
91 100

120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.160 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD066426.D

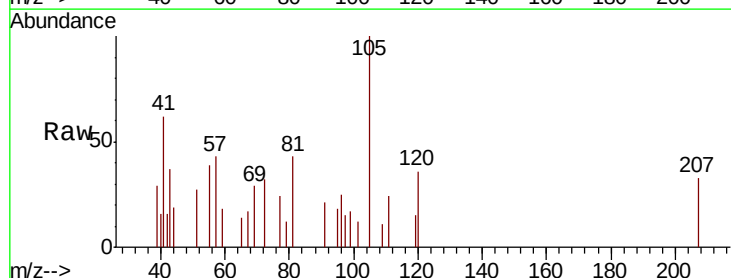
Acq: 26 Aug 2020 17:50

Tgt Ion: 91 Resp: 246

Ion Ratio Lower Upper

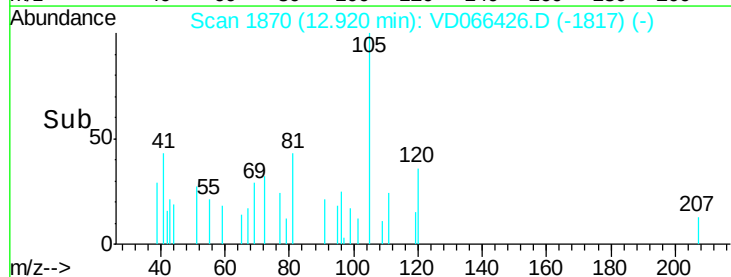
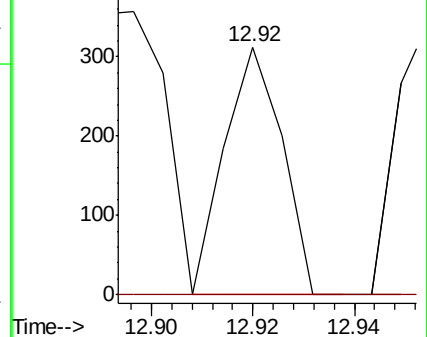
91 100

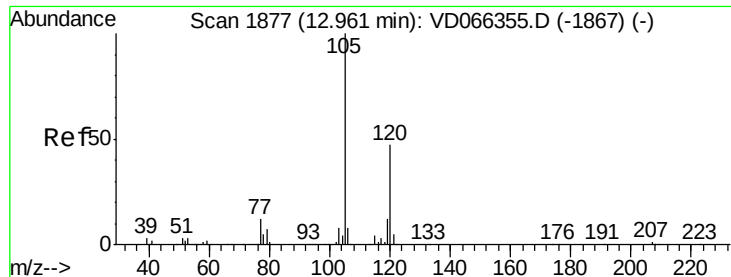
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

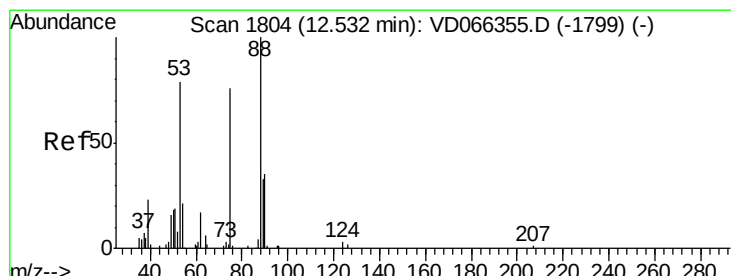
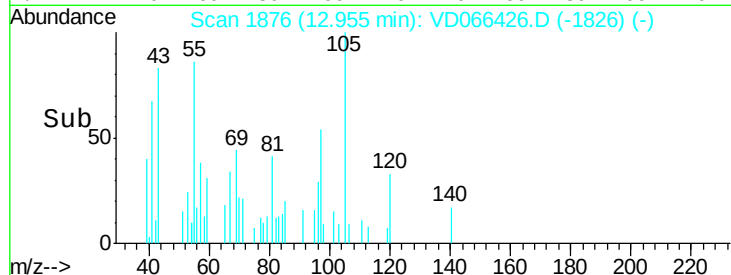
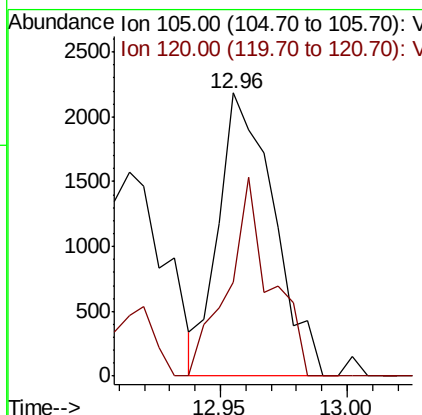
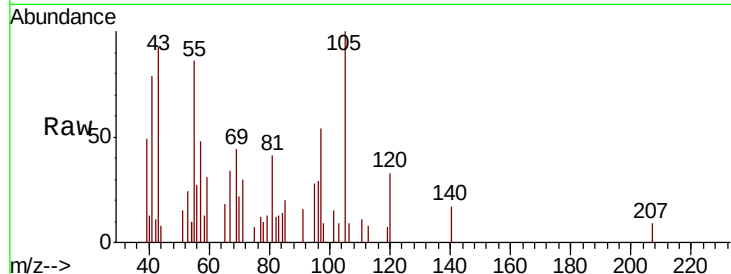




#80
 1,3,5-Trimethylbenzene
 Concen: 11.840 ug/l
 RT: 12.96 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

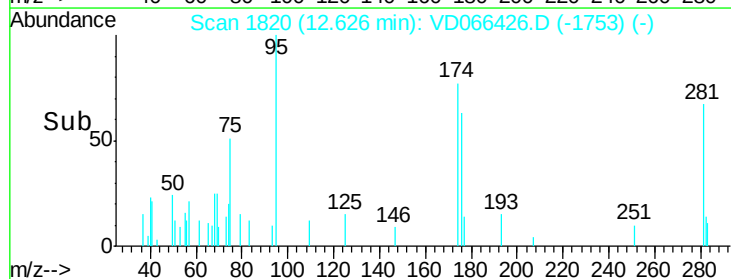
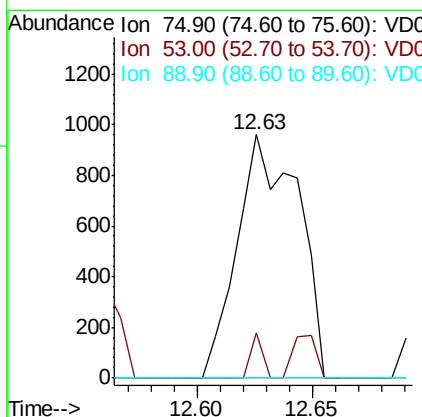
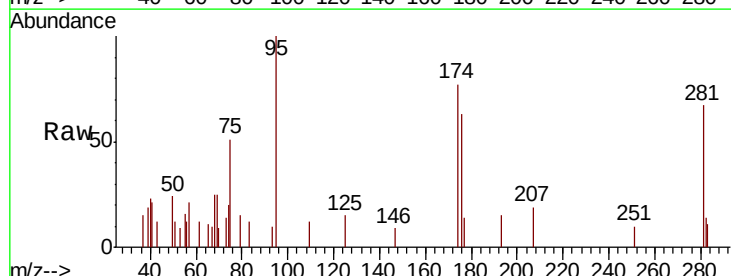
Instrument :
 MSVOA_D
 ClientSampleID :
 20071

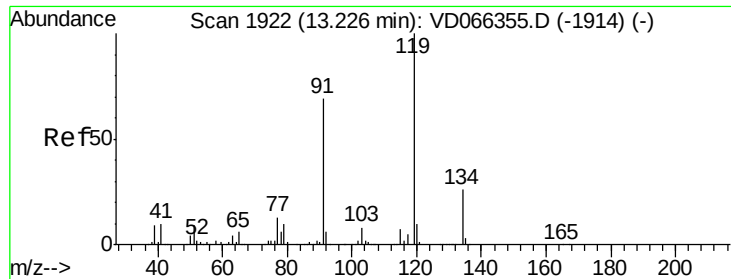
Tot Ion: 105 Resp: 3311
 Ion Ratio Lower Upper
 105 100
 120 54.2 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.646 ug/l
 RT: 12.63 min Scan# 1820
 Delta R.T. 0.09 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

Tgt Ion: 75 Resp: 1757
 Ion Ratio Lower Upper
 75 100
 53 3.5 87.4 131.2#
 89 0.0 39.4 59.0#

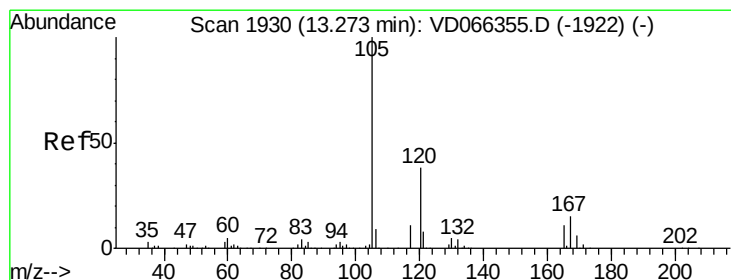
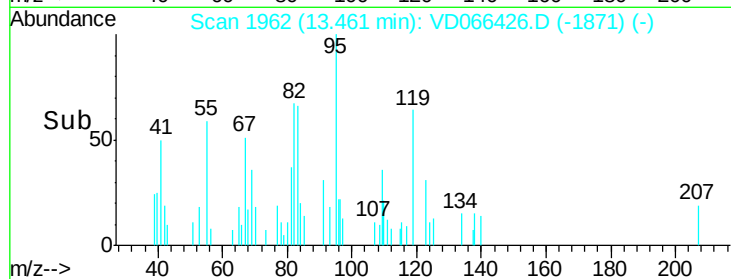
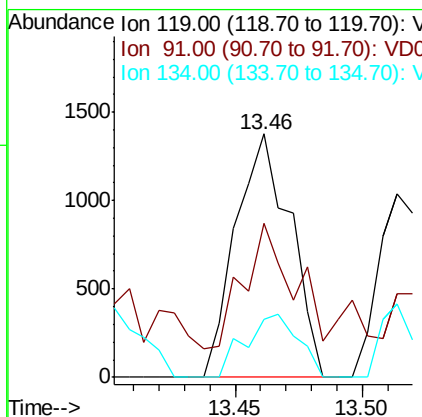
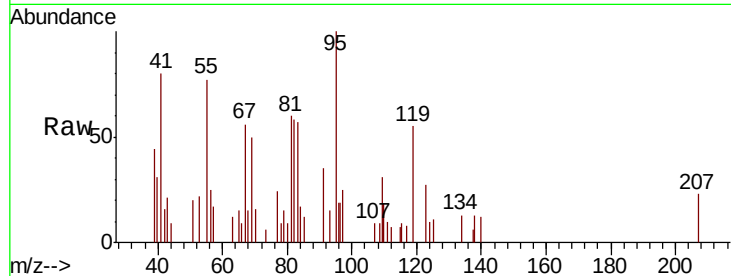




#83
 tert-Butylbenzene
 Concen: 8.538 ug/l
 RT: 13.46 min Scan# 1962
 Delta R.T. 0.24 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

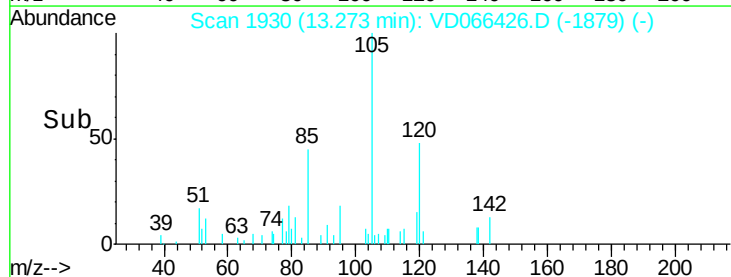
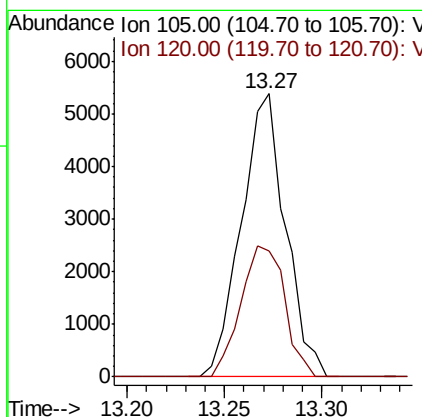
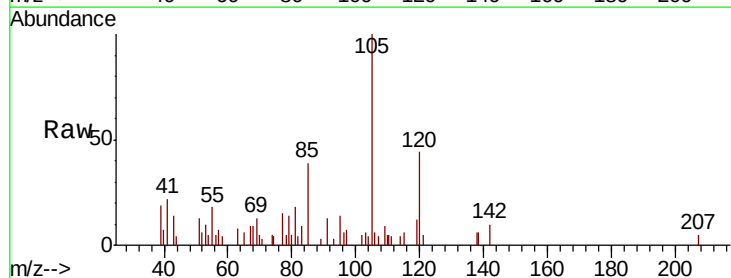
Instrument :
 MSVOA_D
 ClientSampleId :
 20071

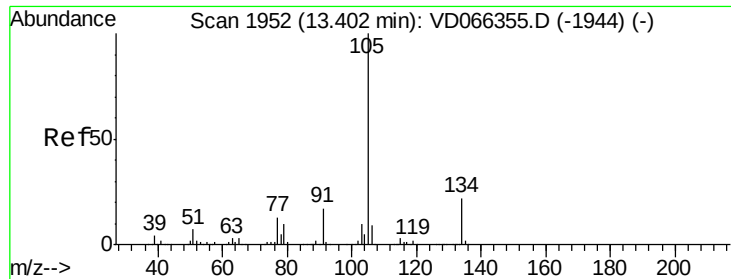
Tot Ion:119 Resp: 2074
 Ion Ratio Lower Upper
 119 100
 91 49.4 33.5 100.5
 134 25.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 30.731 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

Tgt Ion:105 Resp: 8441
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 7.786 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

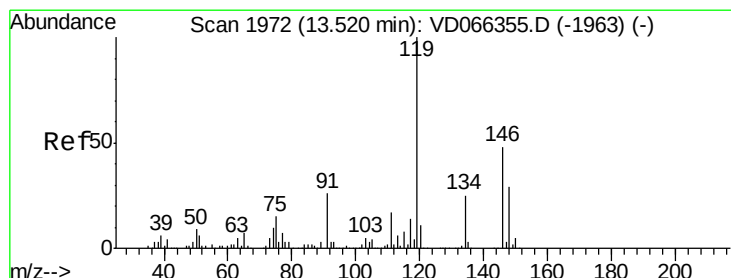
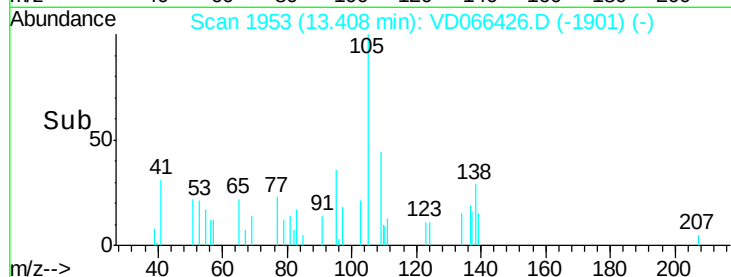
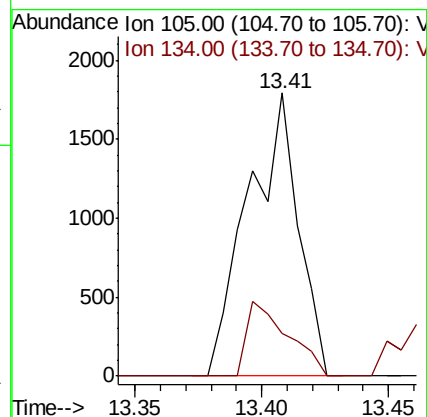
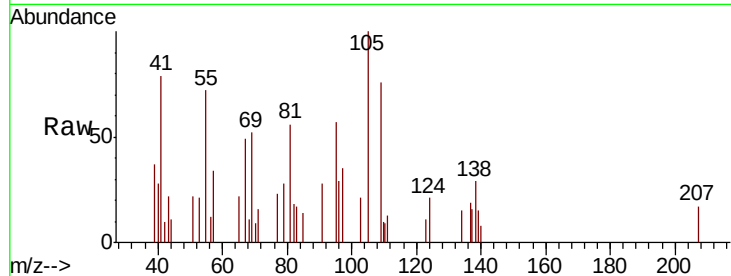
20071

Tot Ion:105 Resp: 2478

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



#86

p-Isopropyltoluene

Concen: 5.468 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

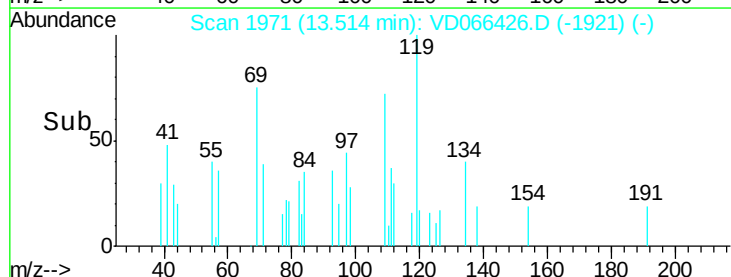
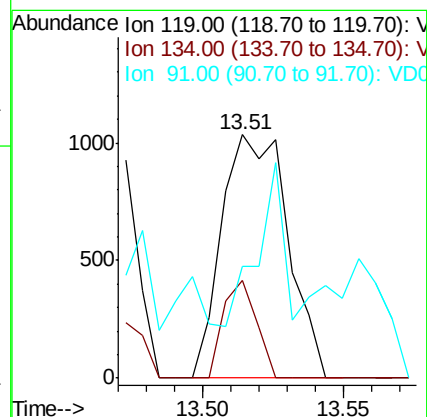
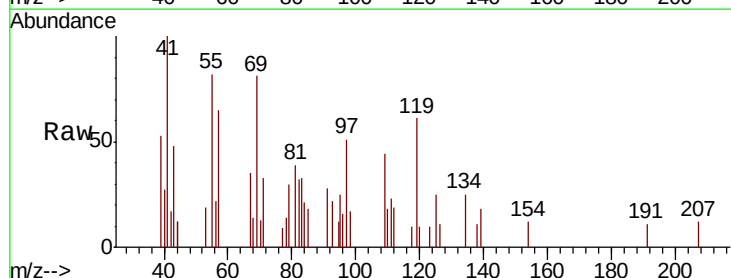
Tgt Ion:119 Resp: 1678

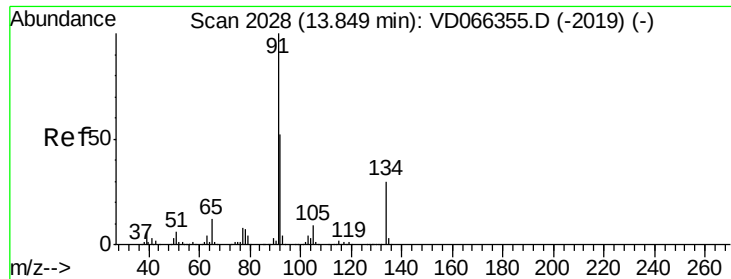
Ion Ratio Lower Upper

119 100

134 20.1 12.8 38.3

91 28.2 12.7 38.0

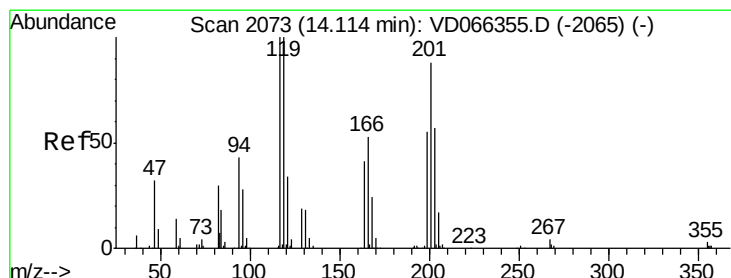
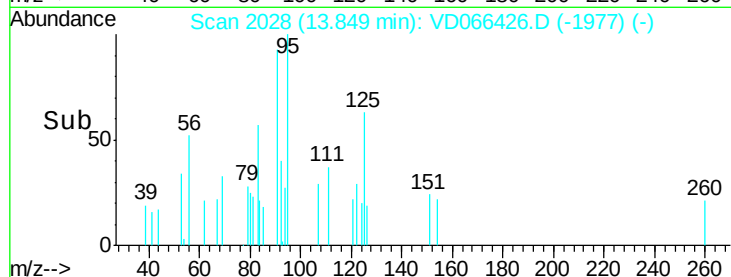
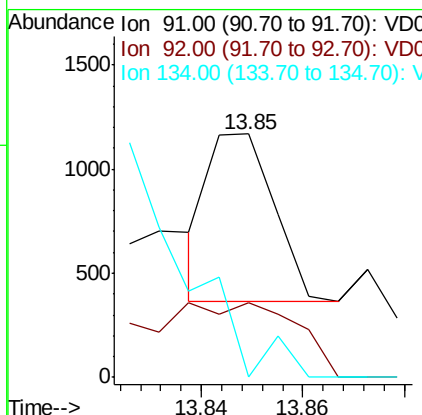
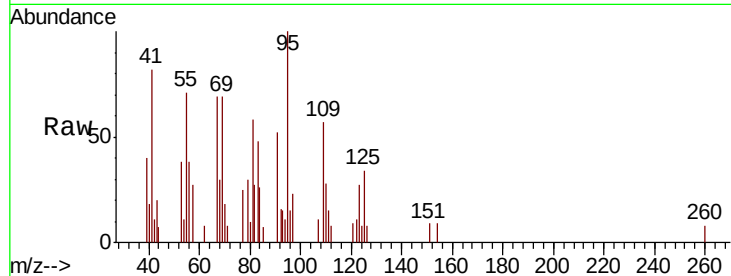




#89
n-Butylbenzene
Concen: 2.670 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

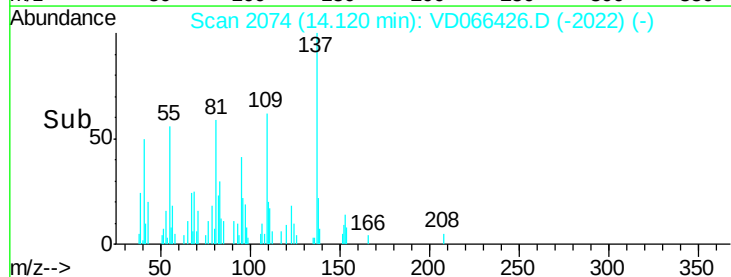
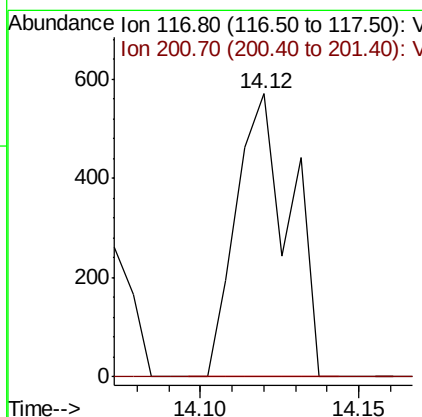
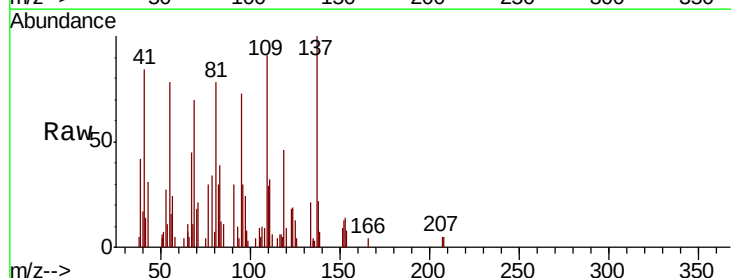
Instrument :
MSVOA_D
ClientSampleId :
20071

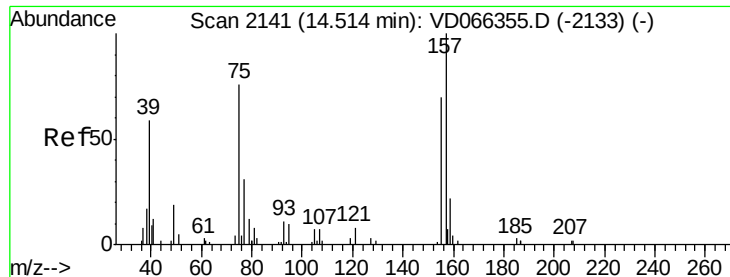
Tot Ion: 91 Resp: 723
Ion Ratio Lower Upper
91 100
92 124.1 26.4 79.0#
134 0.0 14.4 43.4#



#90
Hexachloroethane
Concen: 11.151 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066426.D
Acq: 26 Aug 2020 17:50

Tgt Ion: 117 Resp: 676
Ion Ratio Lower Upper
117 100
201 0.0 45.4 136.2#

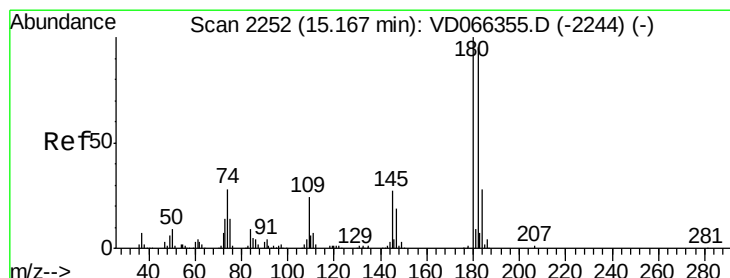
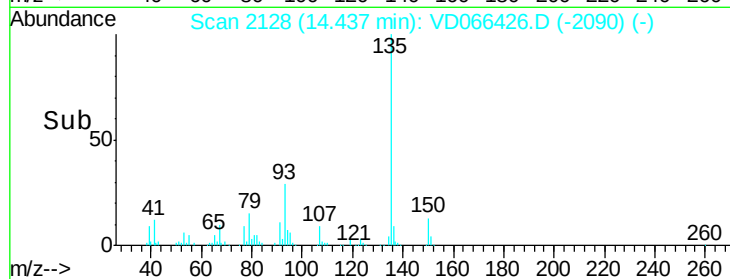
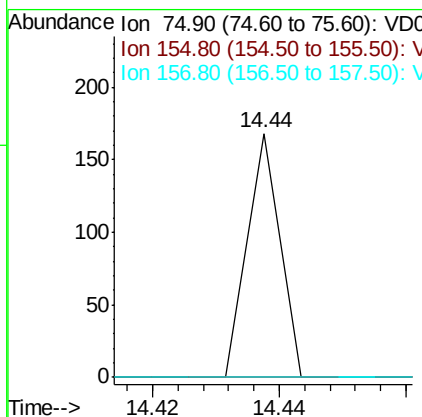
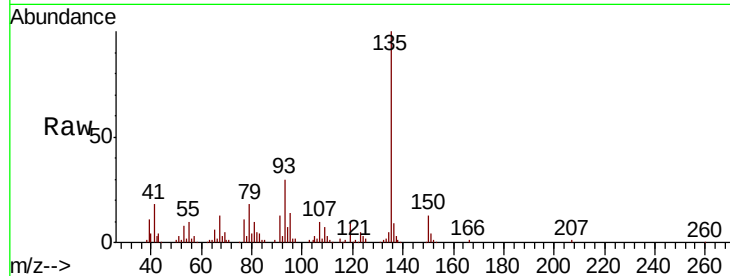




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.080 ug/l
 RT: 14.44 min Scan# 2128
 Delta R.T. -0.08 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

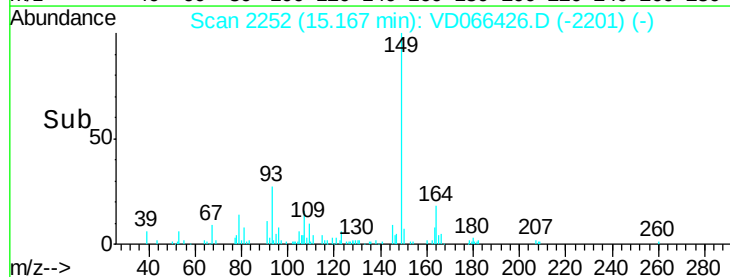
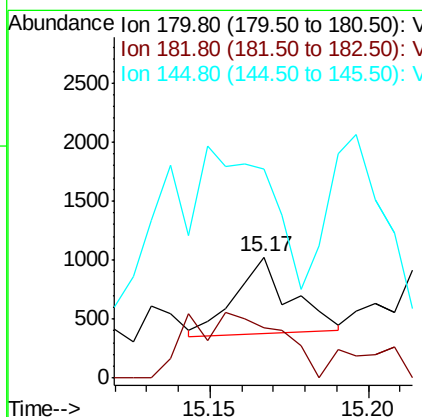
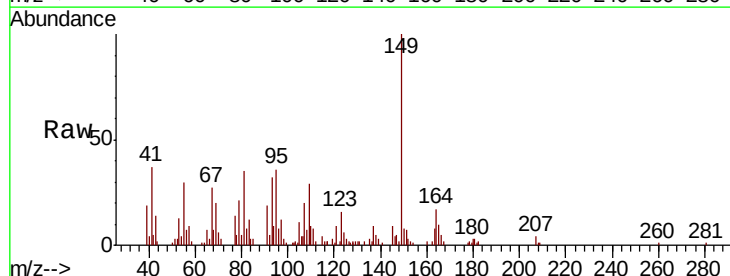
Instrument :
 MSVOA_D
 ClientSampleId :
 20071

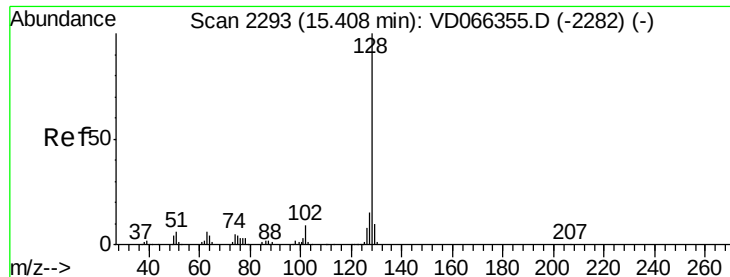
Tot Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.6#
 157 0.0 61.0 183.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 7.495 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066426.D
 Acq: 26 Aug 2020 17:50

Tgt Ion: 180 Resp: 773
 Ion Ratio Lower Upper
 180 100
 182 145.5 48.0 144.0#
 145 698.3 15.2 45.6#





#95

Naphthalene

Concen: 55.024 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampled :

20071

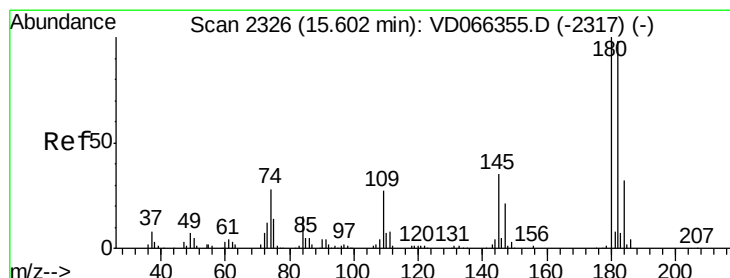
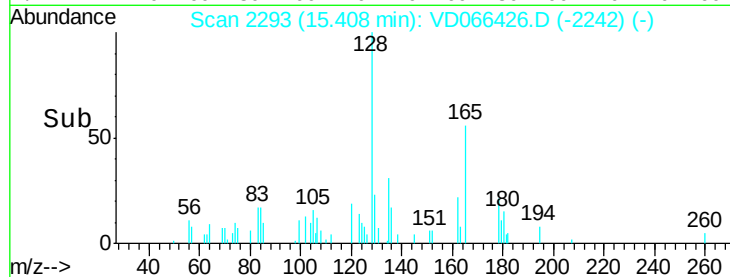
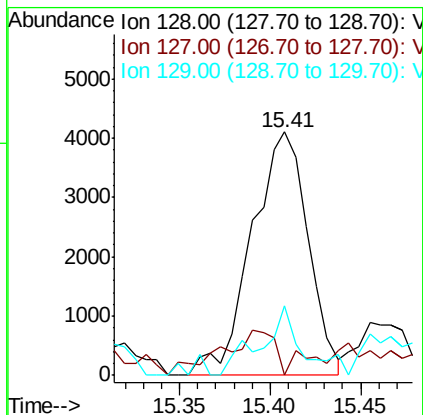
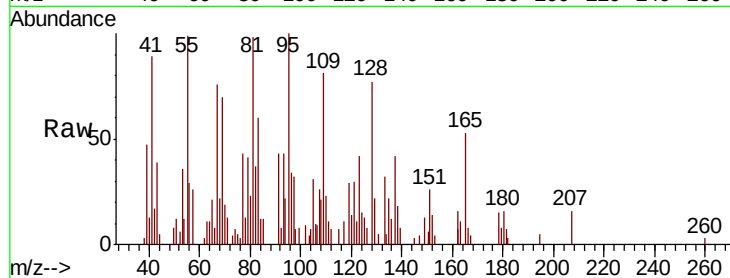
Tot Ion:128 Resp: 8913

Ion Ratio Lower Upper

128 100

127 17.4 10.7 16.1#

129 20.7 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 19.367 ug/l

RT: 15.47 min Scan# 2303

Delta R.T. -0.14 min

Lab File: VD066426.D

Acq: 26 Aug 2020 17:50

Tgt Ion:180 Resp: 1711

Ion Ratio Lower Upper

180 100

182 54.5 46.7 140.0

145 31.3 16.0 48.0

