

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056882.D
 Acq On : 23 Jul 2019 16:38
 Operator : JC/SP
 Sample : K3618-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-072219

Quant Time: Jul 24 01:16:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	234764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	447543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	145200	57.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.96%	
35) Dibromofluoromethane	7.59	113	134375	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.09	98	571740	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.40	95	213526	60.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.24%	

Target Compounds

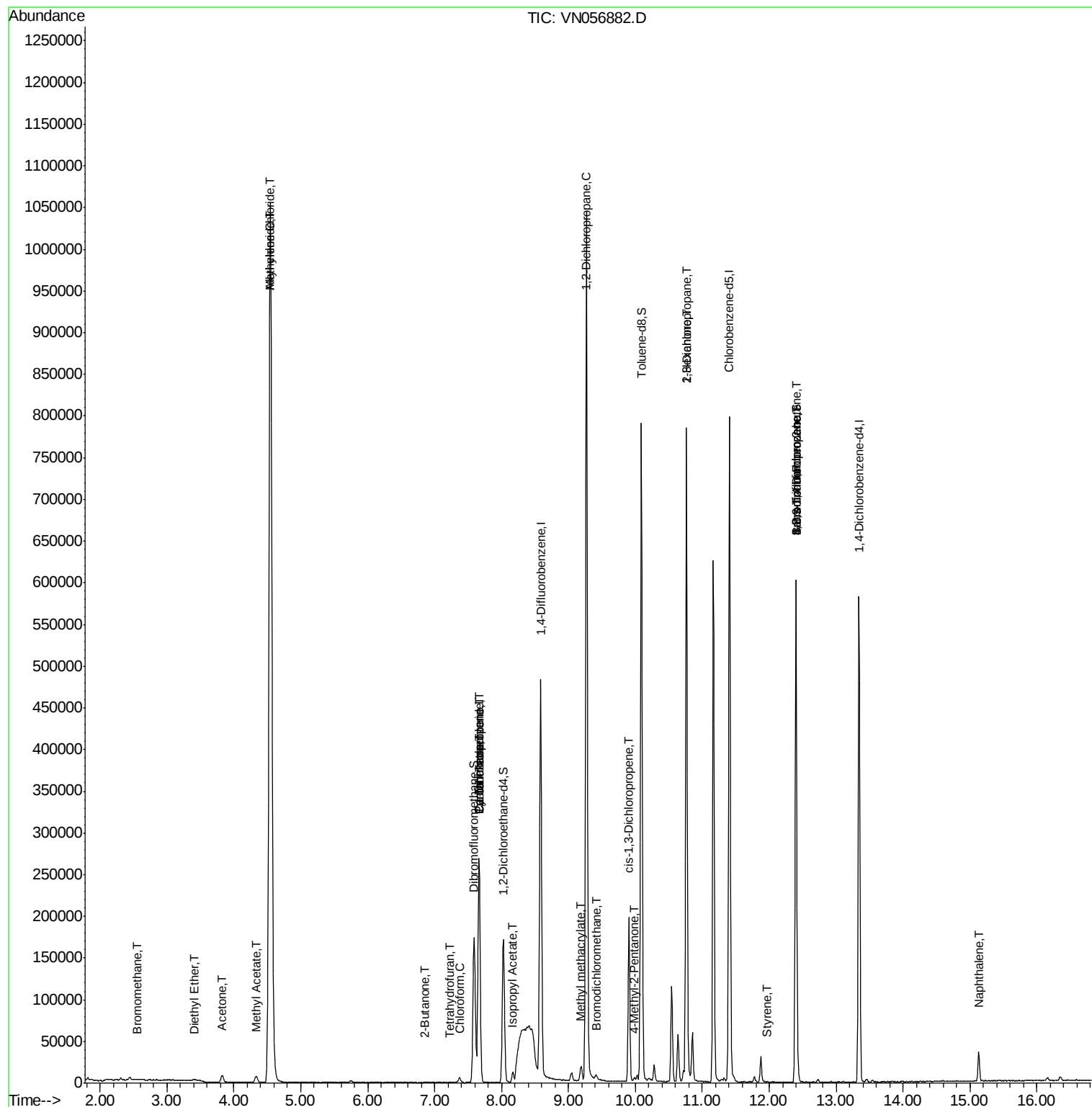
						Qvalue
5) Bromomethane	2.56	94	485	0.265	ug/l #	68
8) Diethyl Ether	3.40	74	529	0.386	ug/l #	27
14) Allyl chloride	4.54	41	32032	8.552	ug/l #	28
16) Acetone	3.82	43	15941	17.678	ug/l	97
18) Methyl Acetate	4.34	43	15100	3.396	ug/l	94
20) Methylene Chloride	4.54	84	828884	307.408	ug/l	99
25) 2-Butanone	6.86	43	2032	1.533	ug/l #	48
29) Tetrahydrofuran	7.23	42	382	0.419	ug/l #	34
30) Chloroform	7.37	83	6786	1.543	ug/l	90
31) Cyclohexane	7.67	56	3574	0.840	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	15994	3.875	ug/l #	45
38) Carbon Tetrachloride	7.66	117	20800	5.294	ug/l #	17
43) Isopropyl Acetate	8.17	43	14416	2.520	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1369	0.396	ug/l #	43
47) Bromodichloromethane	9.40	83	1017	0.254	ug/l #	80
48) Methyl methacrylate	9.18	41	7262	2.537	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	3426	1.004	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	38264	7.888	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	8433	1.664	ug/l #	42
59) 2-Hexanone	10.76	43	110060	46.601	ug/l #	51
70) Styrene	11.97	104	60	0.524	ug/l #	26
71) Bromoform	12.40	173	1289	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	97563	26.795	ug/l #	100
79) 2-Chlorotoluene	12.58	91	171	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1860	Below Cal		87
81) trans-1,4-Dichloro-2-buten	12.40	75	97563	85.820	ug/l #	13
83) tert-Butylbenzene	12.74	119	96	Below Cal	#	28
95) Naphthalene	15.13	128	32284	7.128	ug/l	99

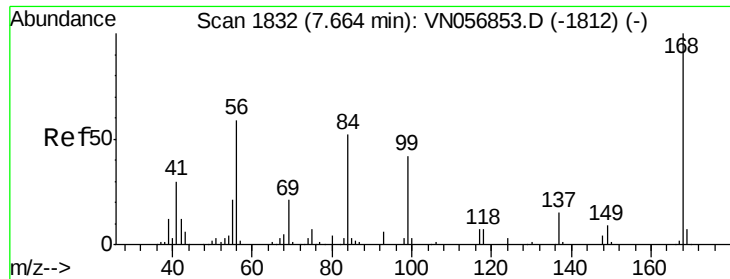
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

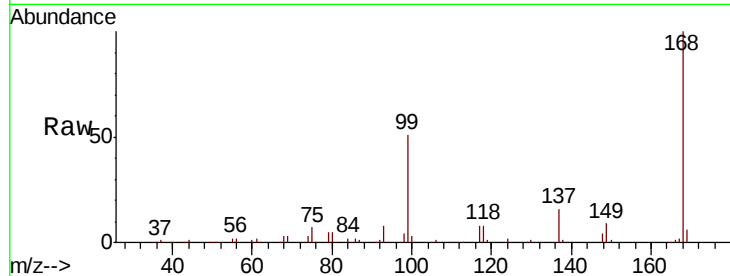
HD-02-072219

Tot Ion:168 Resp: 234764

Ion Ratio Lower Upper

168 100

99 50.9 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

100000

80000

60000

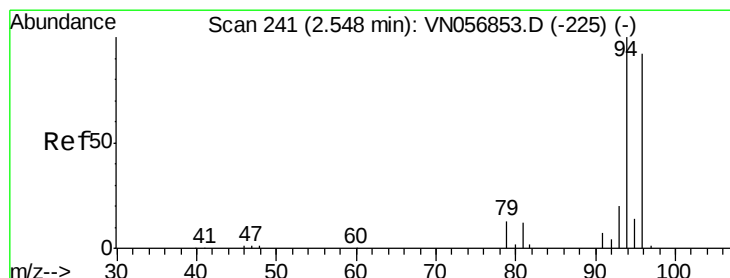
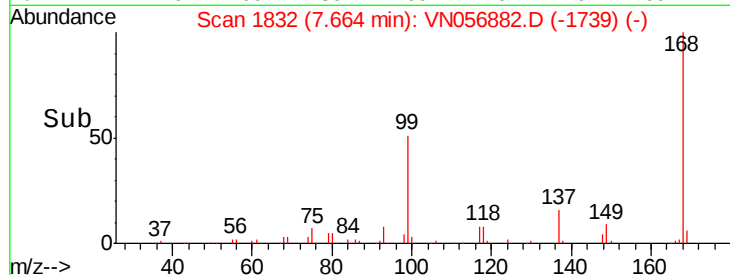
40000

20000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: 0.265 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN056882.D

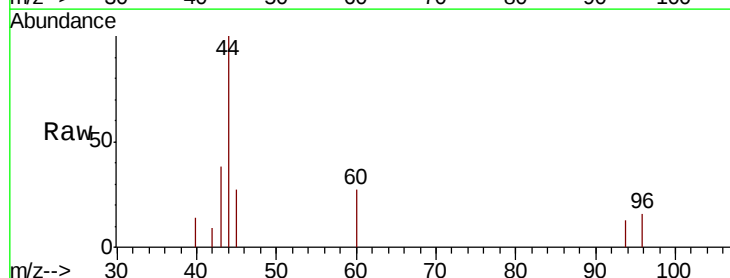
Acq: 23 Jul 2019 16:38

Tgt Ion: 94 Resp: 485

Ion Ratio Lower Upper

94 100

96 122.8 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.56

400

300

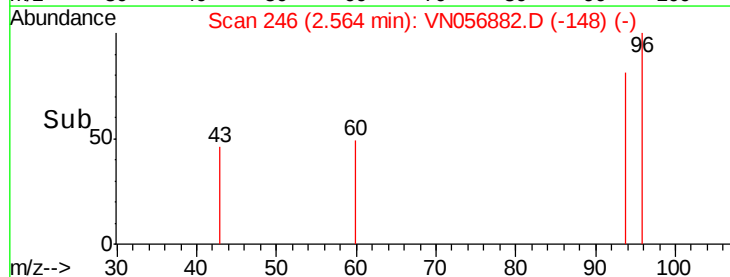
200

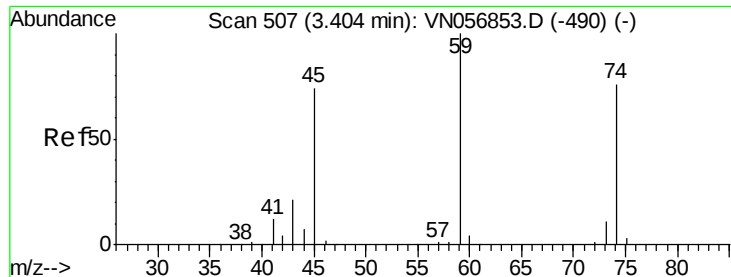
100

0

Time-->

2.54 2.56 2.58 2.60





#8

Diethyl Ether

Concen: 0.386 ug/l

RT: 3.40 min Scan# 506

Delta R.T. -0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

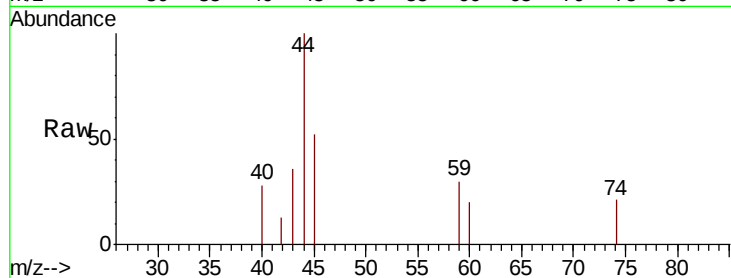
HD-02-072219

Tot Ion: 74 Resp: 529

Ion Ratio Lower Upper

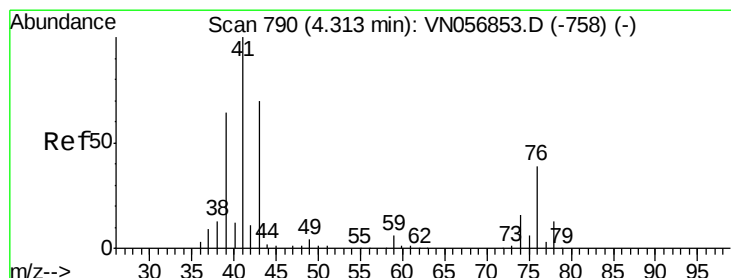
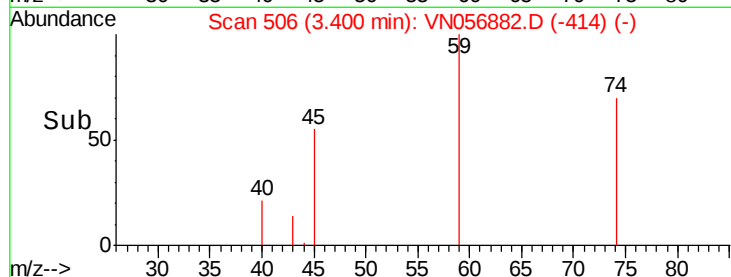
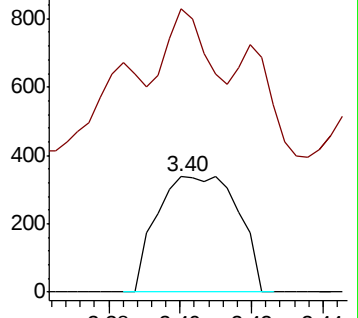
74 100

45 26.1 49.2 147.6#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#14

Allyl chloride

Concen: 8.552 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

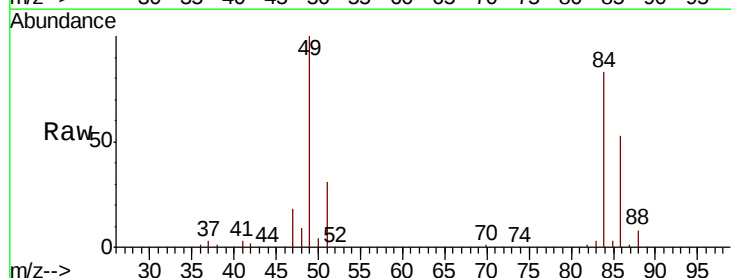
Tgt Ion: 41 Resp: 32032

Ion Ratio Lower Upper

41 100

39 0.0 47.8 71.6#

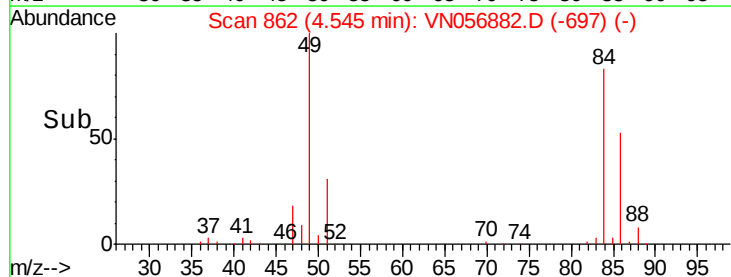
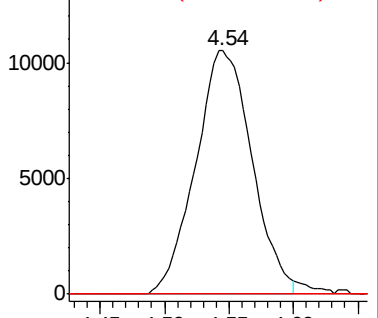
76 0.0 27.9 41.9#

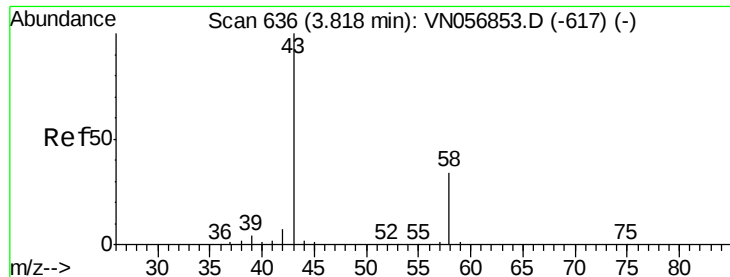


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 17.678 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

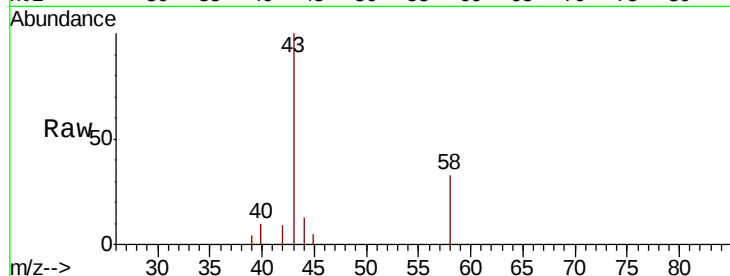
HD-02-072219

Tot Ion: 43 Resp: 15941

Ion Ratio Lower Upper

43 100

58 32.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

5000

4000

3000

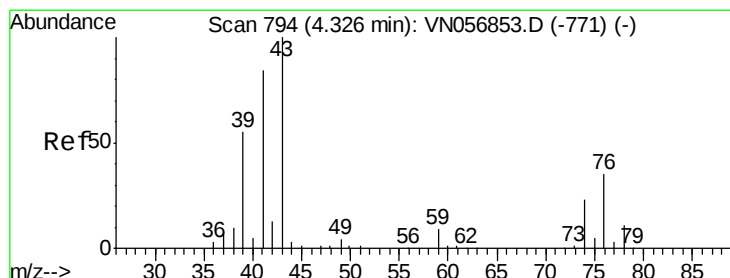
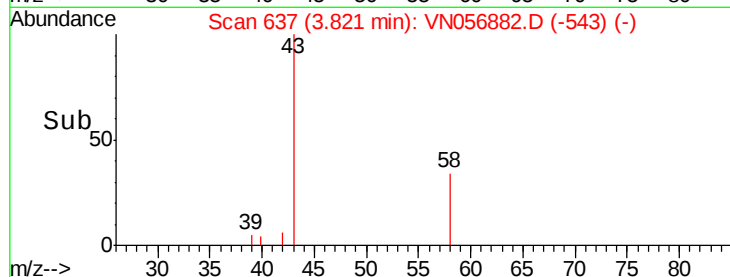
2000

1000

0

Time-->

3.70 3.80 3.90



#18

Methyl Acetate

Concen: 3.396 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056882.D

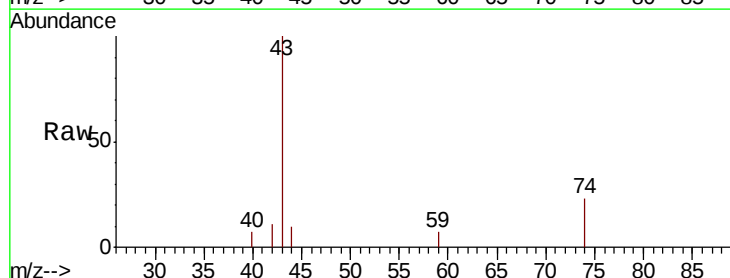
Acq: 23 Jul 2019 16:38

Tgt Ion: 43 Resp: 15100

Ion Ratio Lower Upper

43 100

74 20.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

6000

5000

4000

3000

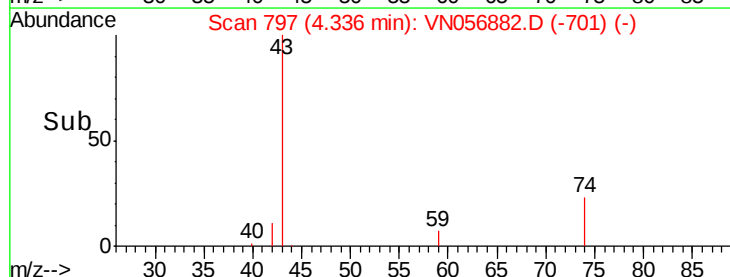
2000

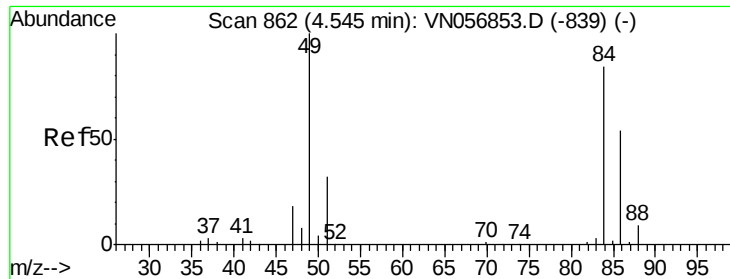
1000

0

Time-->

4.30 4.40

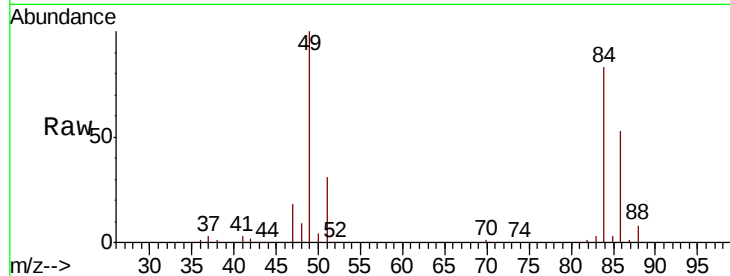




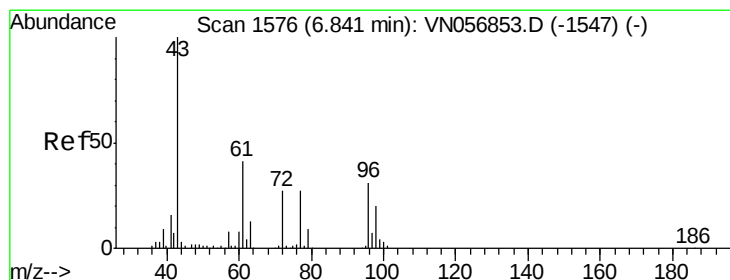
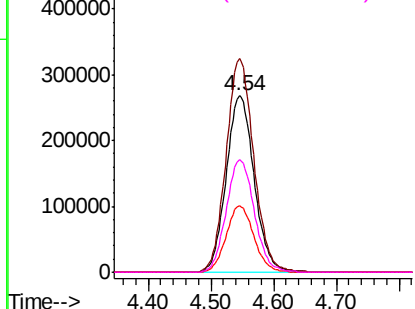
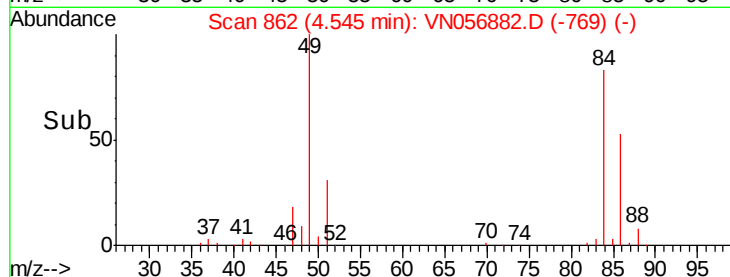
#20
Methvlene Chloride
Concen: 307.408 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Instrument :
MSVOA_N
ClientSampled :
HD-02-072219

Tot Ion:	84	Resp:	828884
Ion	Ratio	Lower	Upper
84	100		
49	121.1	94.9	142.3
51	37.4	29.9	44.9
86	63.8	51.4	77.2

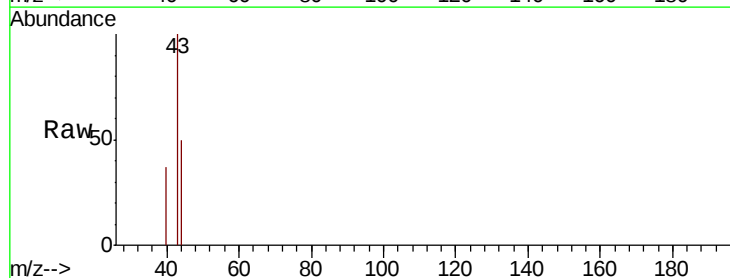


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

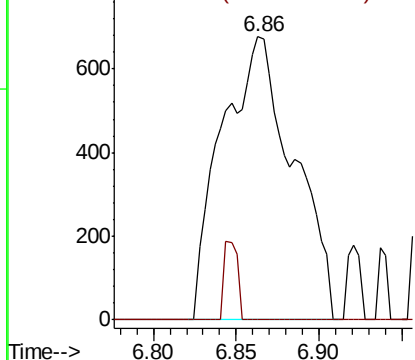
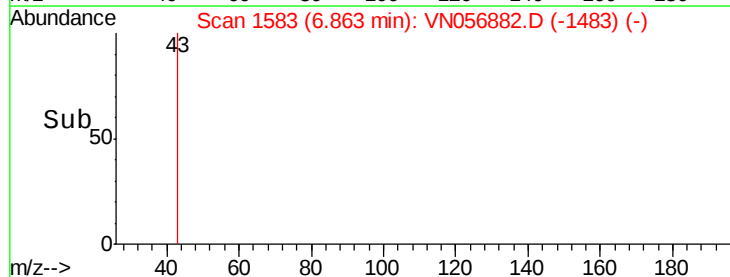


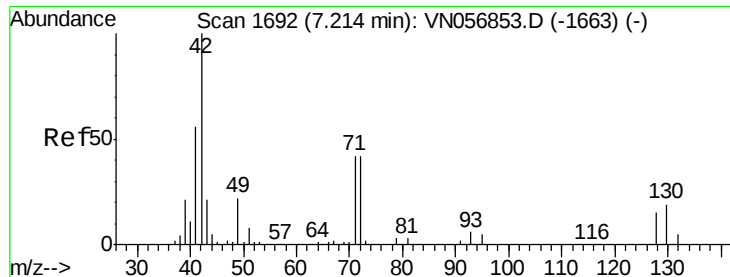
#25
2-Butanone
Concen: 1.533 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Tgt Ion:	43	Resp:	2032
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.419 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

HD-02-072219

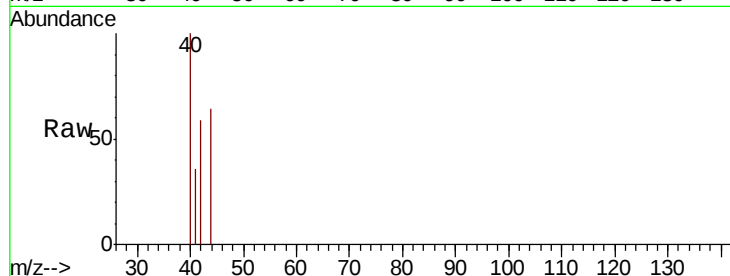
Tot Ion: 42 Resp: 382

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 0.0 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VN056853.D (-1663) (-)

Ion 72.00 (71.70 to 72.70): VN056853.D (-1663) (-)

Ion 71.00 (70.70 to 71.70): VN056853.D (-1663) (-)

7.23

300

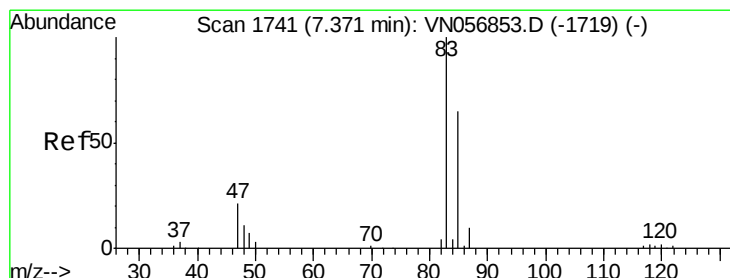
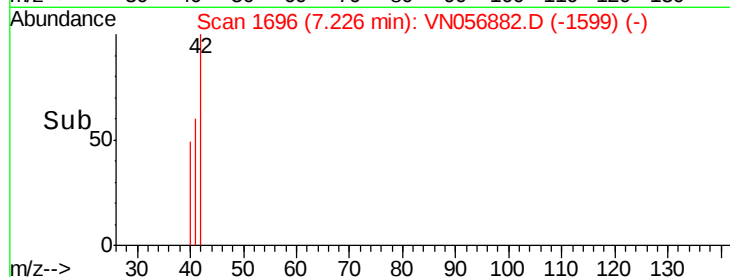
200

100

0

7.20 7.22 7.24

Time-->



#30

Chloroform

Concen: 1.543 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056882.D

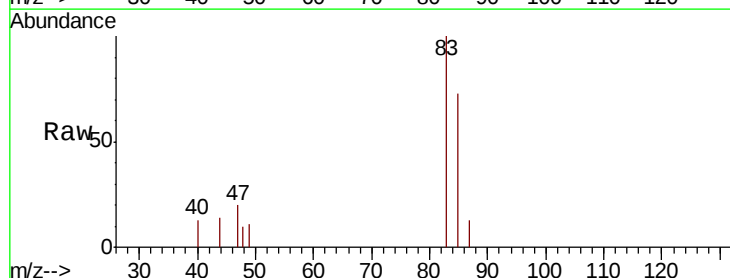
Acq: 23 Jul 2019 16:38

Tgt Ion: 83 Resp: 6786

Ion Ratio Lower Upper

83 100

85 73.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN056853.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN056853.D (-1719) (-)

3000

2500

2000

1500

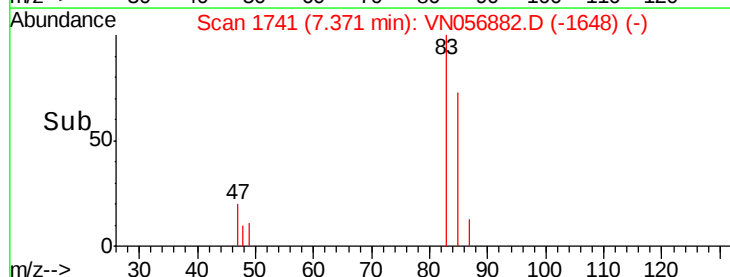
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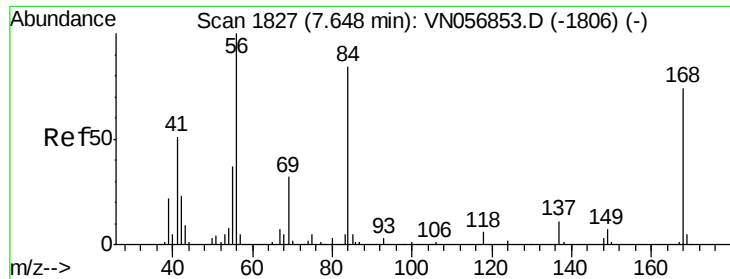
500

0

7.30 7.35 7.40 7.45

Time-->

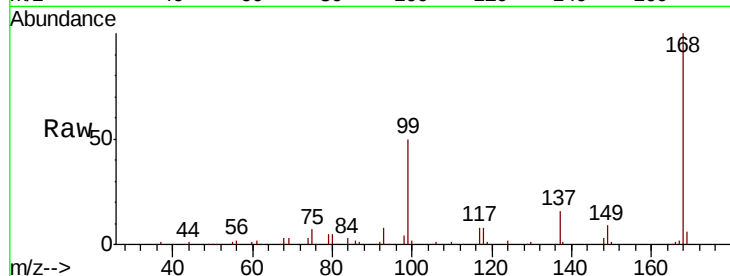




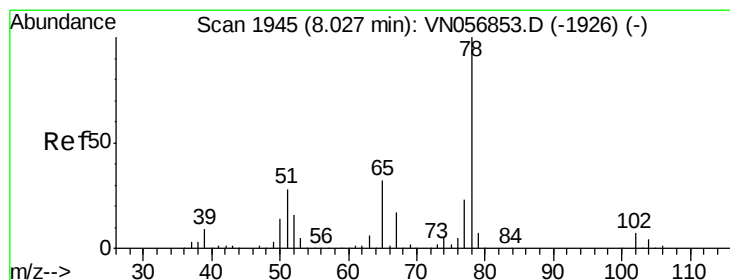
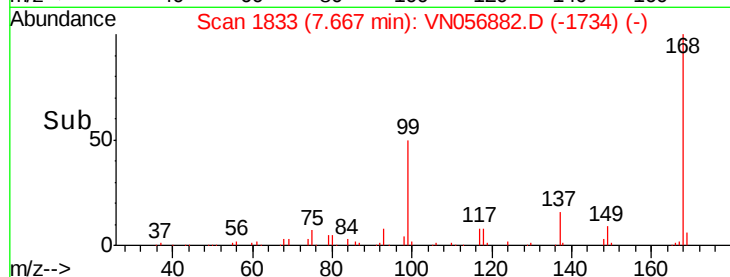
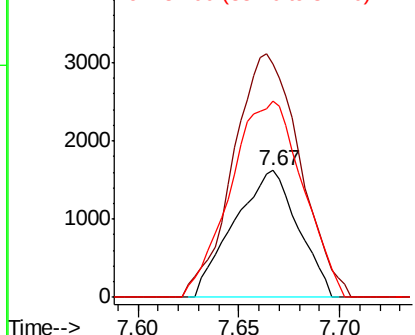
#31
Cyclohexane
Concen: 0.840 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Instrument :
MSVOA_N
ClientSampleId :
HD-02-072219

Tot Ion: 56 Resp: 3574
Ion Ratio Lower Upper
56 100
69 173.3 25.5 38.3#
84 144.9 67.3 100.9#

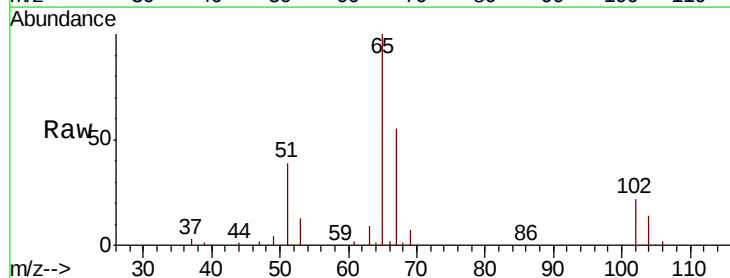


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

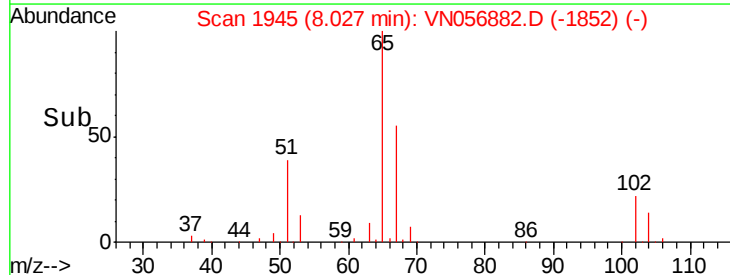
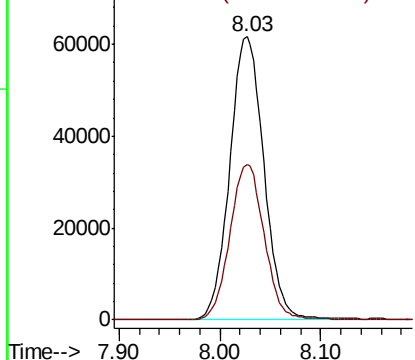


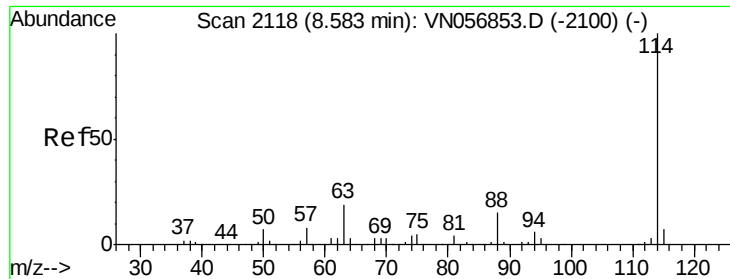
#33
1,2-Dichloroethane-d4
Concen: 57.985 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Tgt Ion: 65 Resp: 145200
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

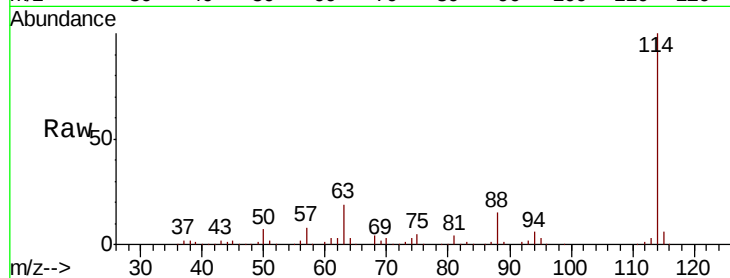




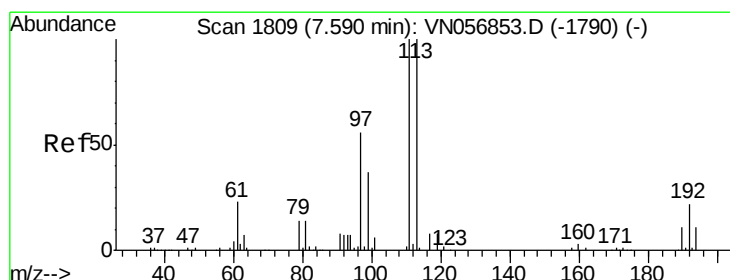
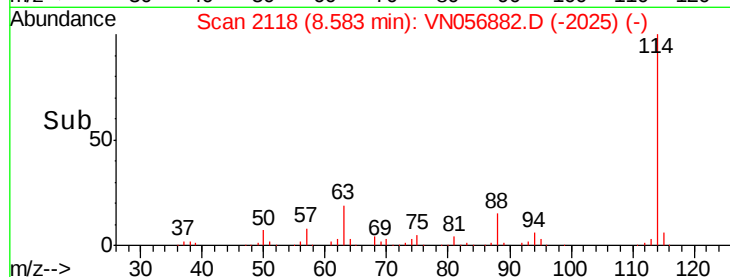
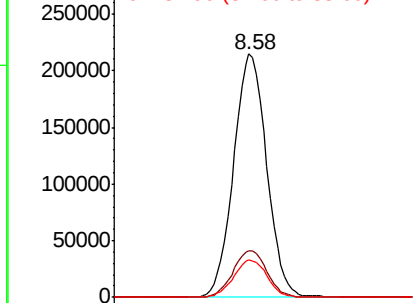
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-072219

Tot Ion:114 Resp: 447543
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 15.3 0.0 31.0

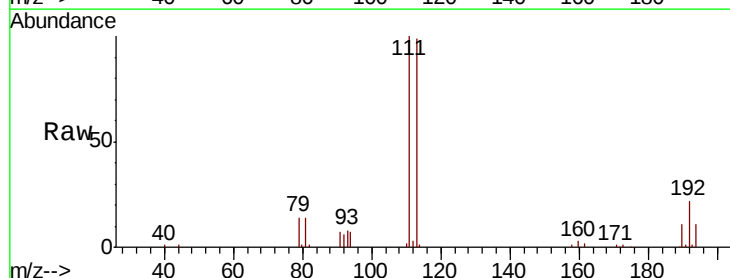


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

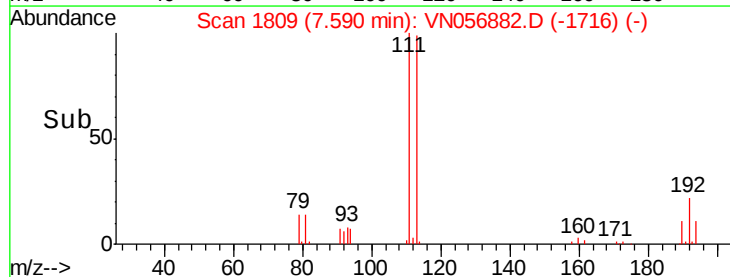
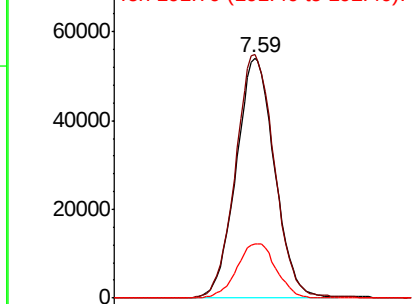


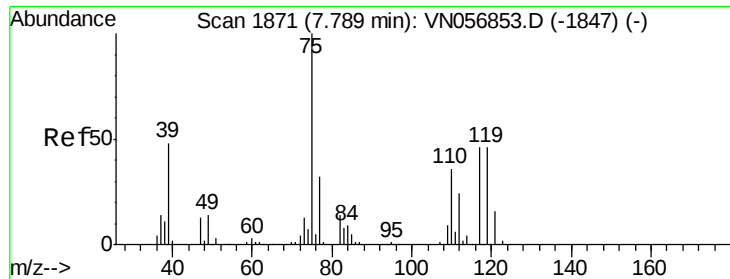
#35
 Dibromofluoromethane
 Concen: 47.370 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

Tgt Ion:113 Resp: 134375
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 23.1 18.5 27.7



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

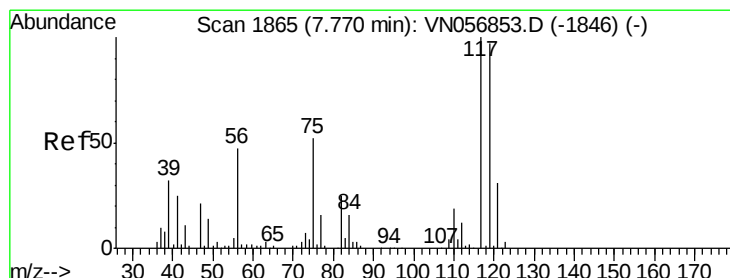
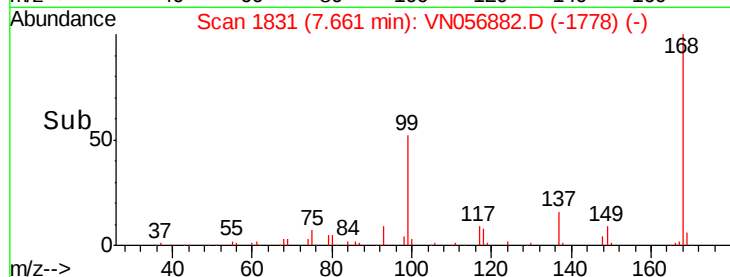
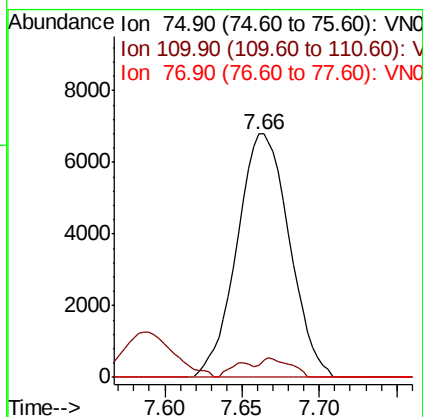
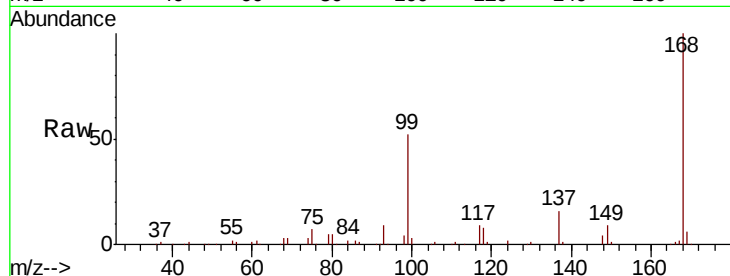




#36
 1,1-Dichloropropene
 Concen: 3.875 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

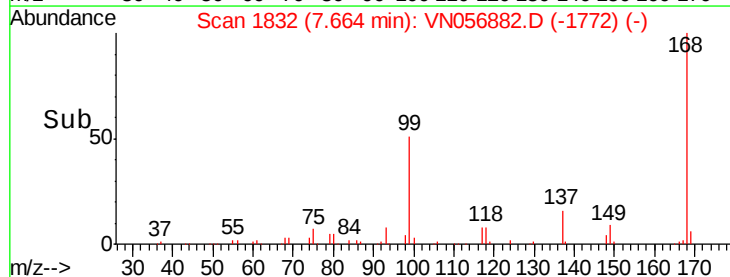
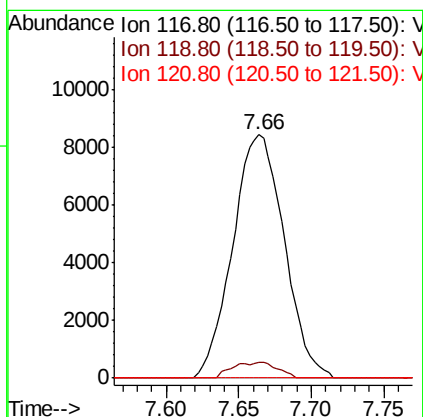
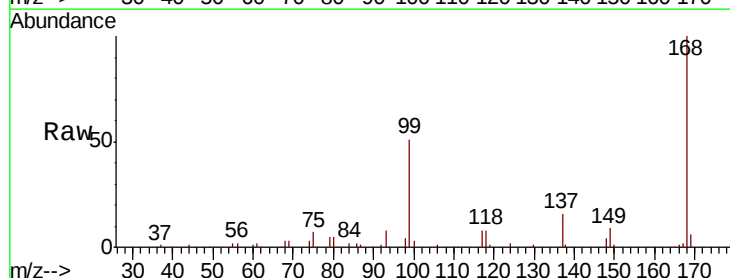
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-072219

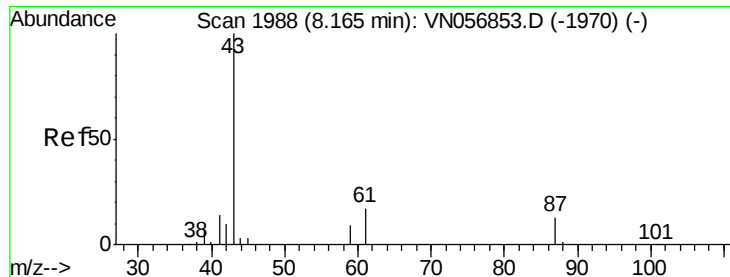
Tot Ion	75	Resp	15994
Ion Ratio	Lower	Upper	
75	100		
110	4.7	17.9	53.7#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.294 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

Tgt Ion	117	Resp	20800
Ion Ratio	Lower	Upper	
117	100		
119	6.5	77.2	115.8#
121	0.0	24.5	36.7#





#43

Isopropyl Acetate

Concen: 2.520 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

HD-02-072219

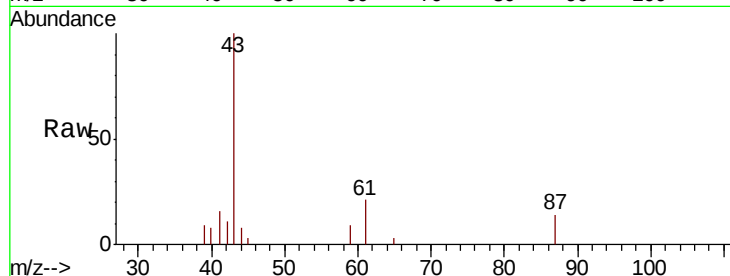
Tot Ion: 43 Resp: 14416

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

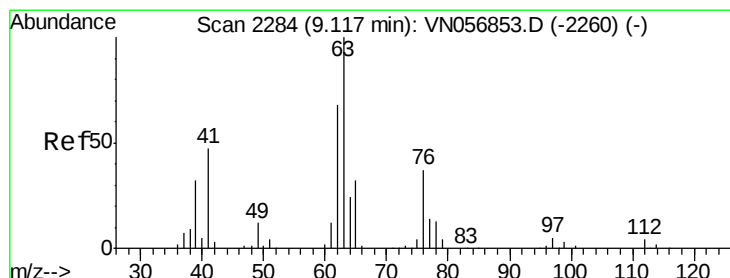
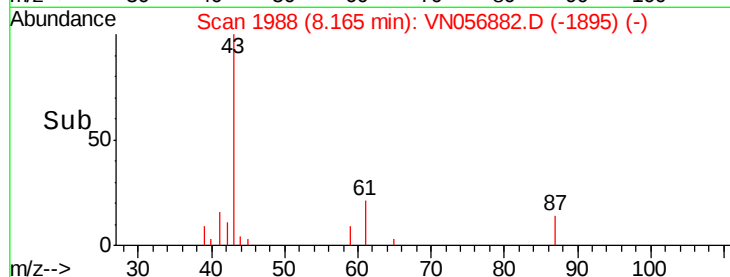
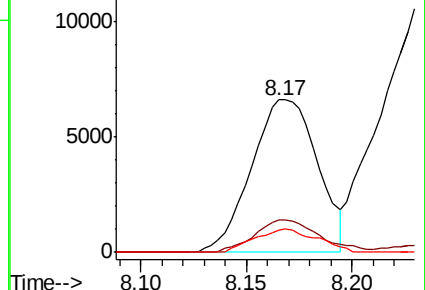
87 14.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.396 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.16 min

Lab File: VN056882.D

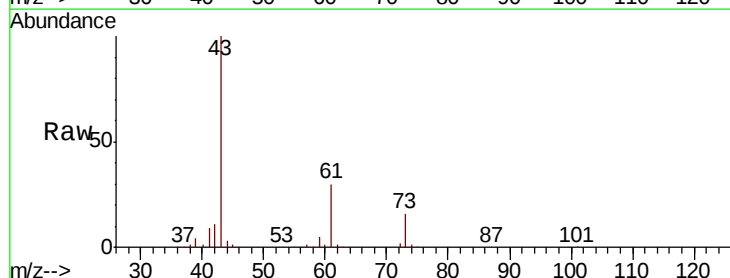
Acq: 23 Jul 2019 16:38

Tgt Ion: 63 Resp: 1369

Ion Ratio Lower Upper

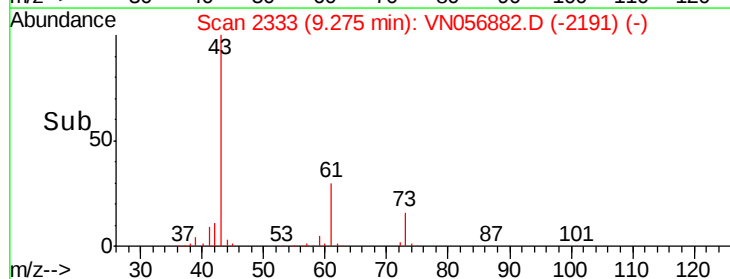
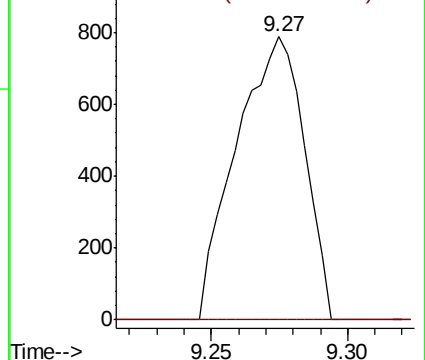
63 100

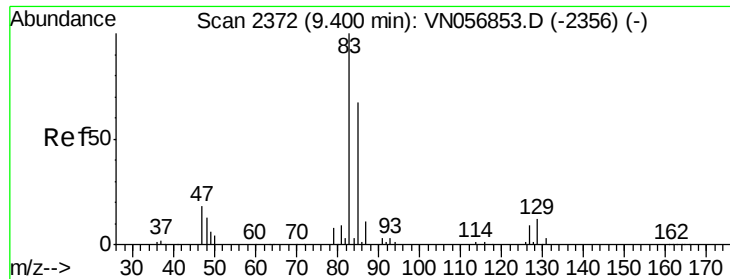
65 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.254 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

HD-02-072219

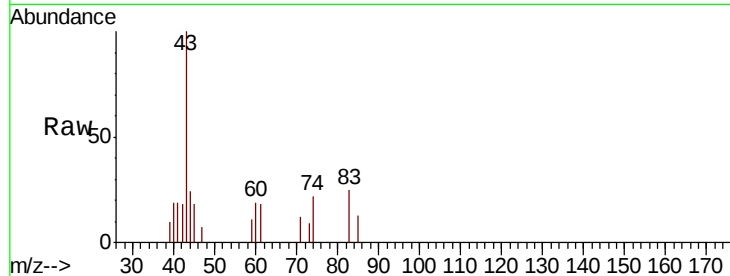
Tot Ion: 83 Resp: 1017

Ion Ratio Lower Upper

83 100

85 51.6 53.4 80.2#

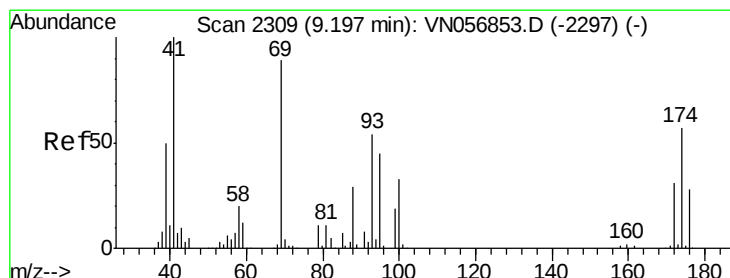
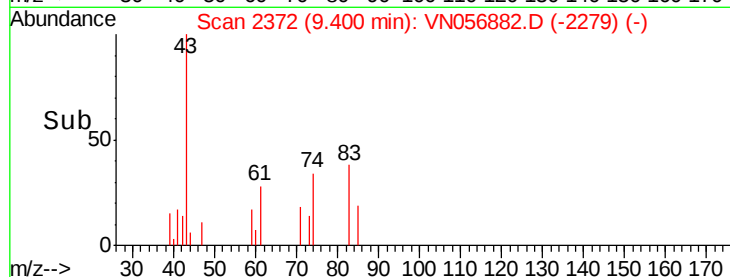
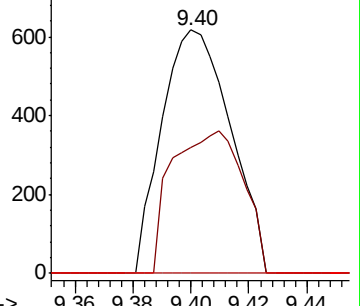
127 0.0 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 2.537 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

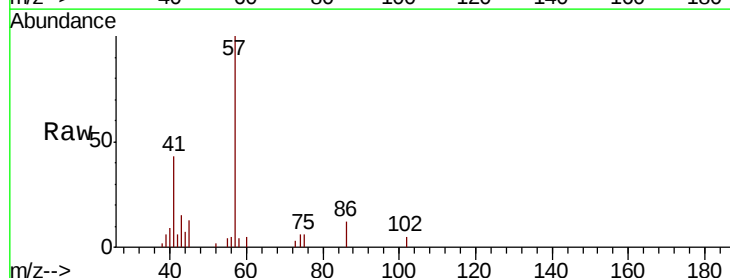
Tgt Ion: 41 Resp: 7262

Ion Ratio Lower Upper

41 100

69 0.0 71.1 106.7#

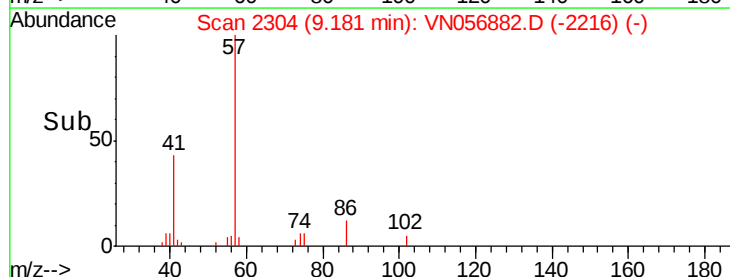
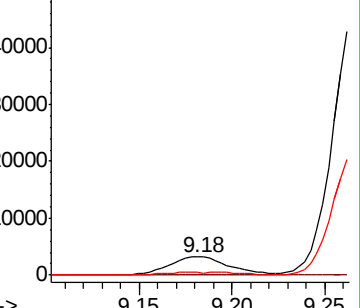
39 0.0 40.6 60.8#

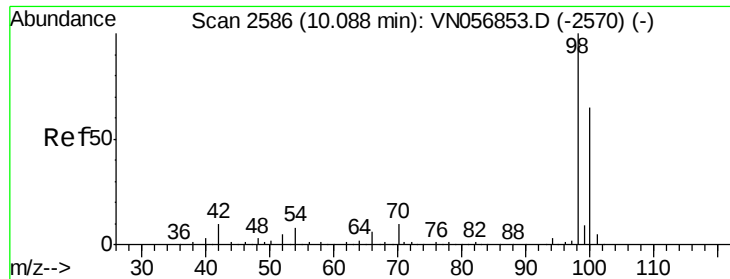


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.683 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampled :

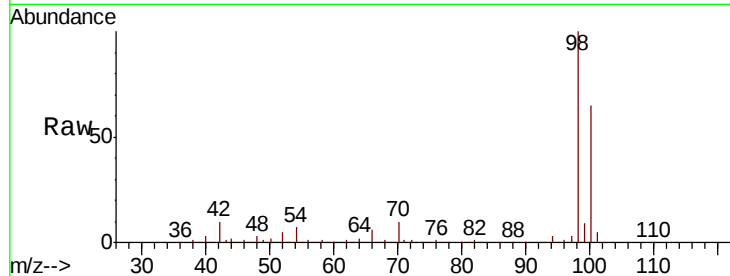
HD-02-072219

Tot Ion: 98 Resp: 571740

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN056853.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056853.D (-2570) (-)

10.09

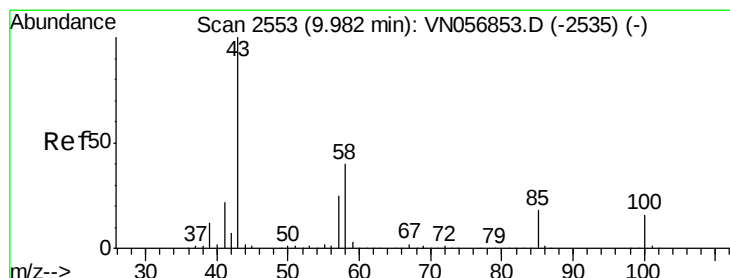
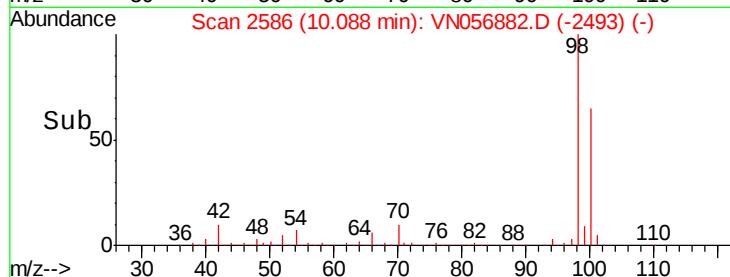
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.004 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056882.D

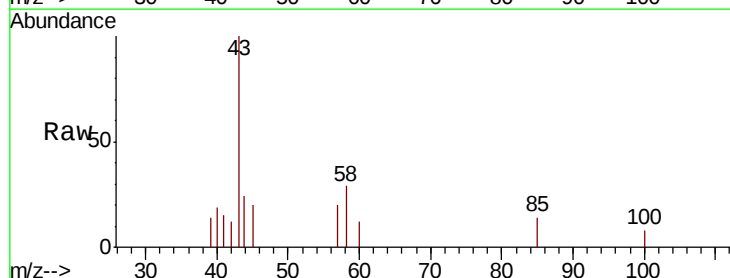
Acq: 23 Jul 2019 16:38

Tgt Ion: 43 Resp: 3426

Ion Ratio Lower Upper

43 100

58 33.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN056853.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN056853.D (-2535) (-)

4000

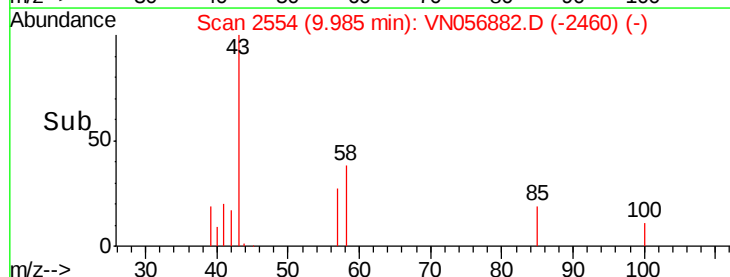
3000

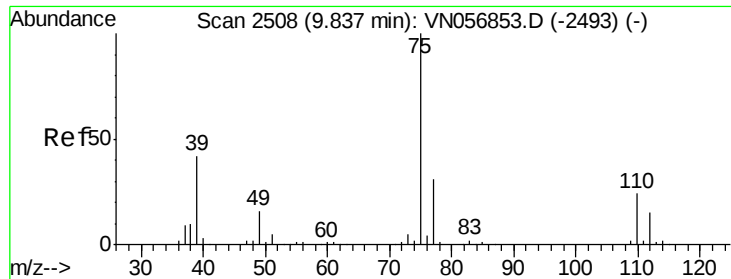
2000

1000

0

Time-->

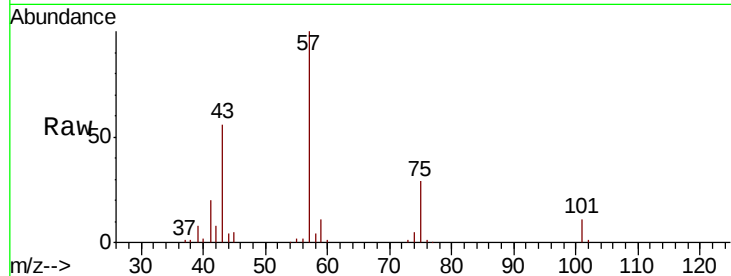




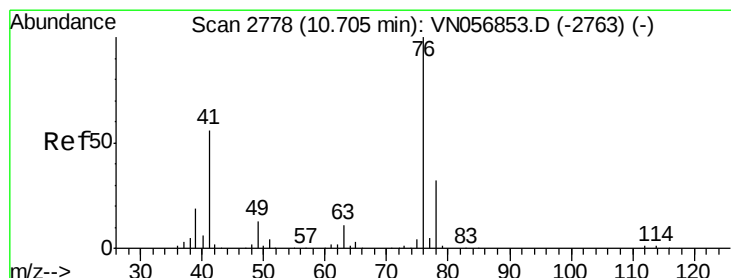
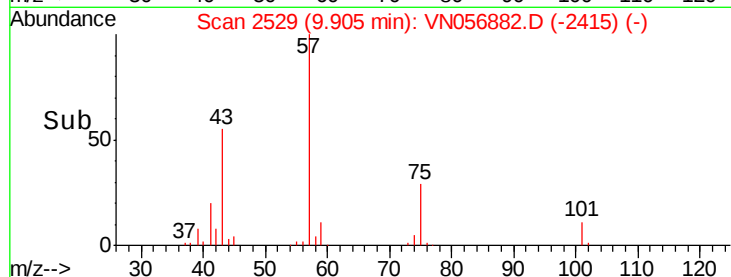
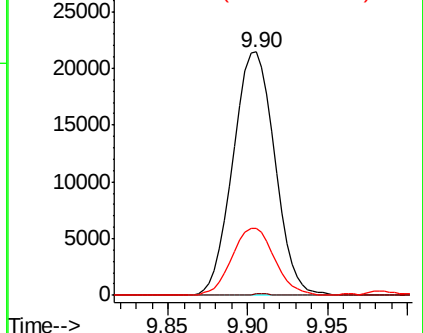
#54
 cis-1,3-Dichloropropene
 Concen: 7.888 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-072219

Tot Ion: 75 Resp: 38264
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.1 37.7#
 39 27.8 33.4 50.2#

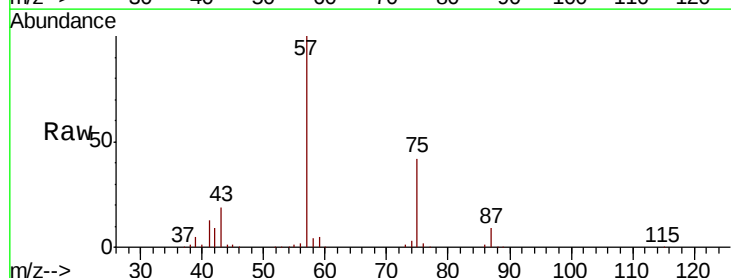


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0

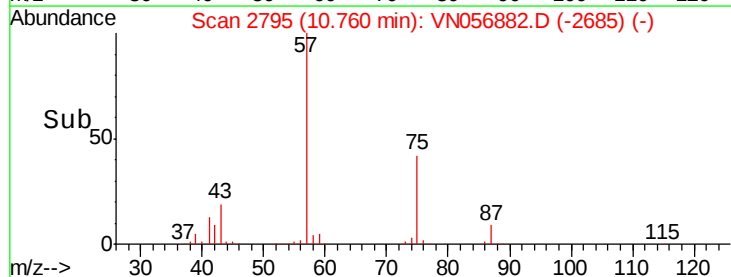
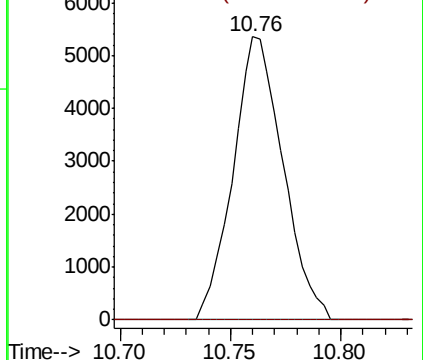


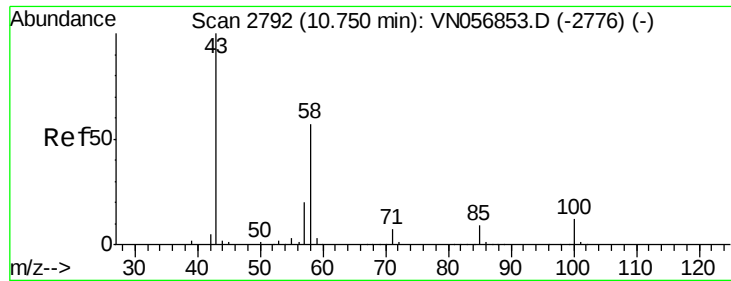
#57
 1,3-Dichloropropane
 Concen: 1.664 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

Tgt Ion: 76 Resp: 8433
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

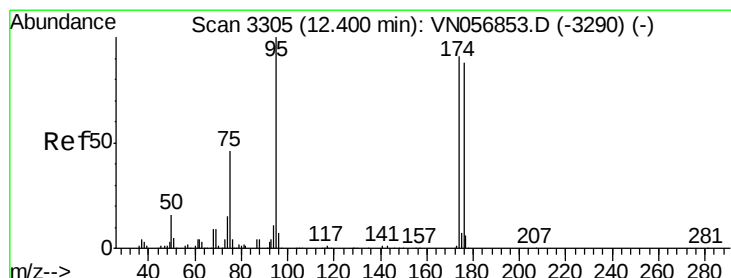
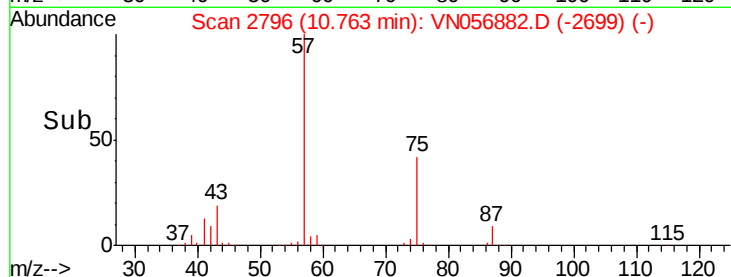
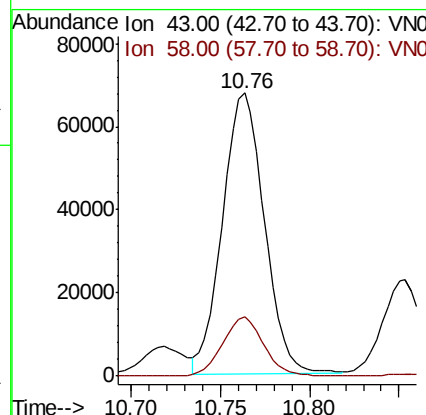
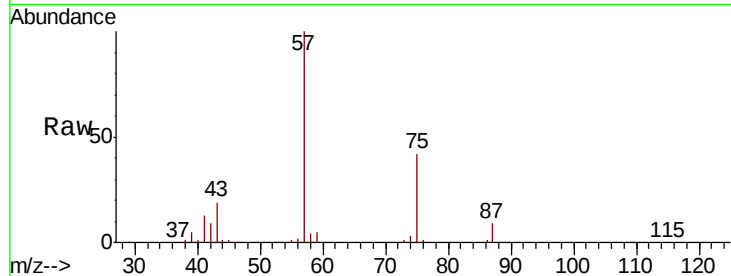




#59
2-Hexanone
Concen: 46.601 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

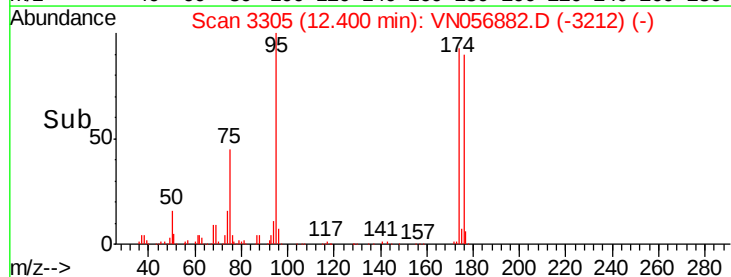
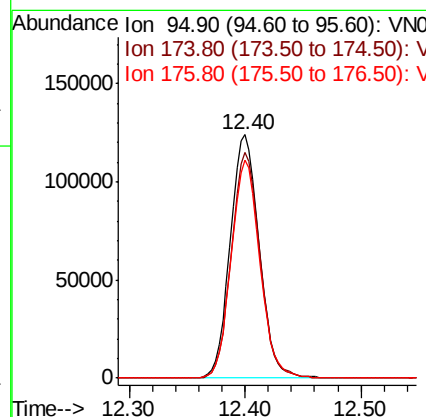
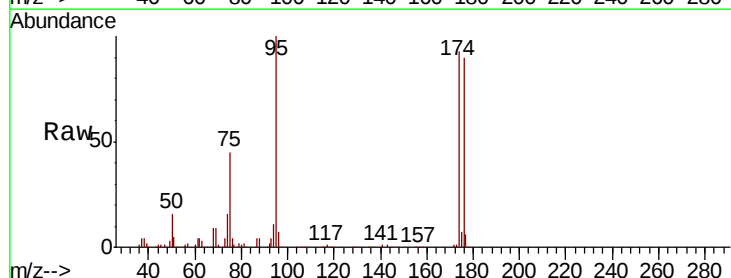
Instrument :
MSVOA_N
ClientSampled :
HD-02-072219

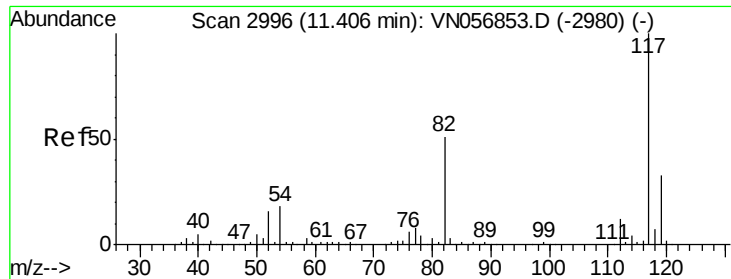
Tot Ion: 43 Resp: 110060
Ion Ratio Lower Upper
43 100
58 20.7 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 60.122 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Tgt Ion: 95 Resp: 213526
Ion Ratio Lower Upper
95 100
174 91.5 0.0 183.4
176 88.5 0.0 175.8

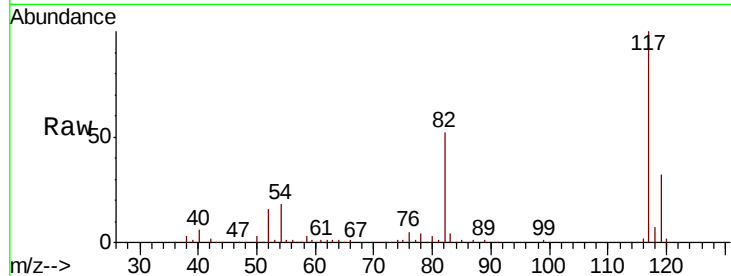




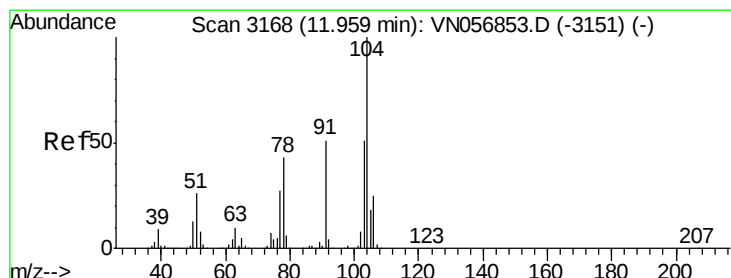
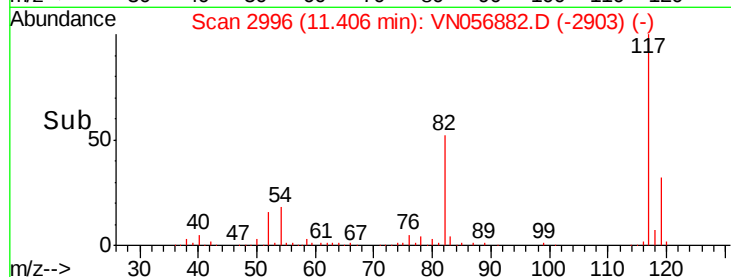
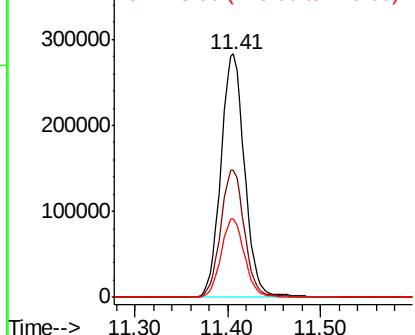
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Instrument :
MSVOA_N
ClientSampleId :
HD-02-072219

Tot Ion:117 Resp: 501563
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.2 26.4 39.6

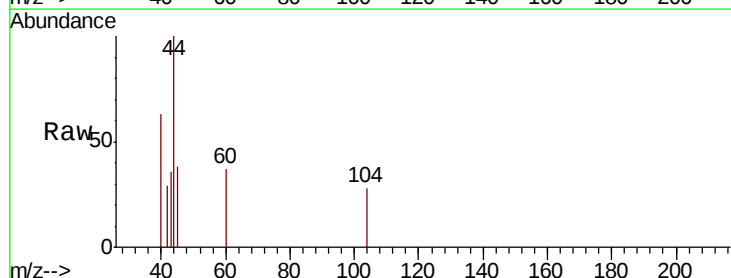


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

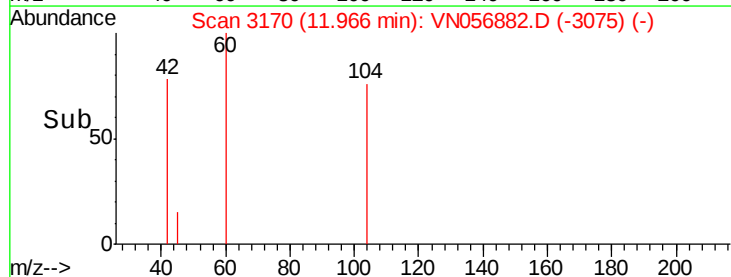
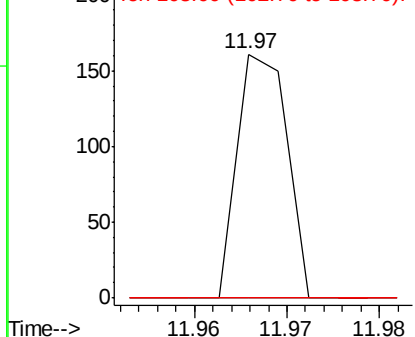


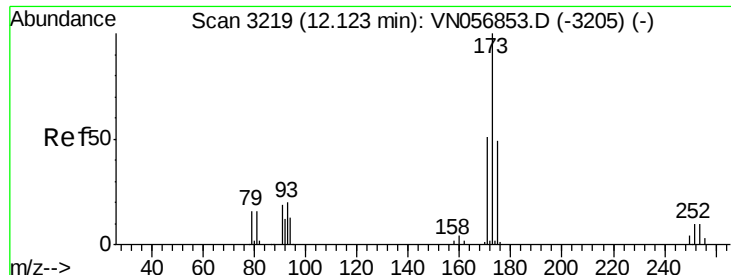
#70
Styrene
Concen: 0.524 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.01 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Tgt Ion:104 Resp: 60
Ion Ratio Lower Upper
104 100
78 0.0 38.1 57.1#
103 0.0 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.473 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

HD-02-072219

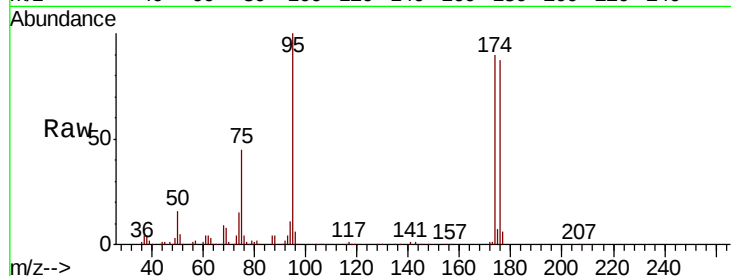
Tot Ion:173 Resp: 1289

Ion Ratio Lower Upper

173 100

175 951.8 24.1 72.3#

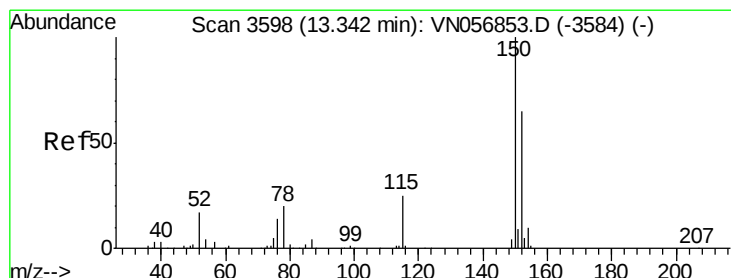
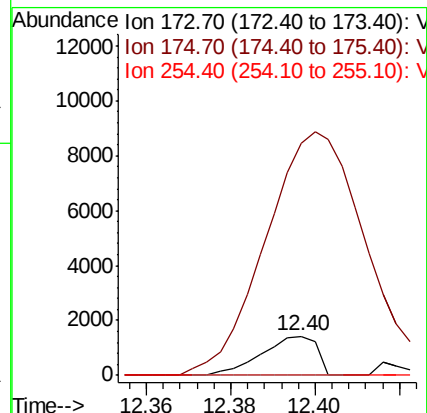
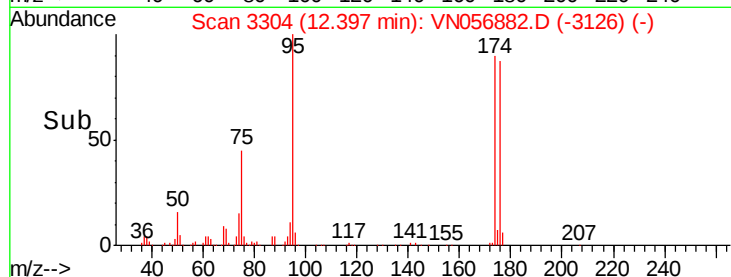
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

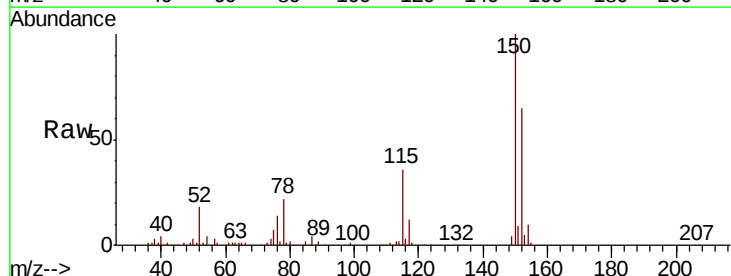
Tgt Ion:152 Resp: 175692

Ion Ratio Lower Upper

152 100

115 55.8 27.6 82.7

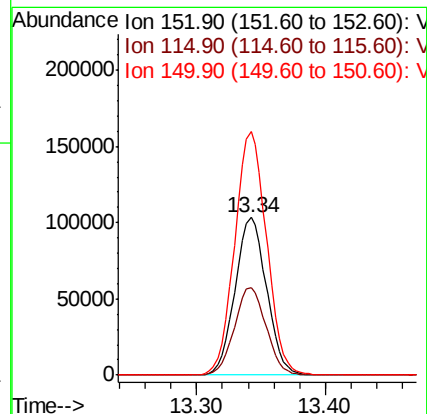
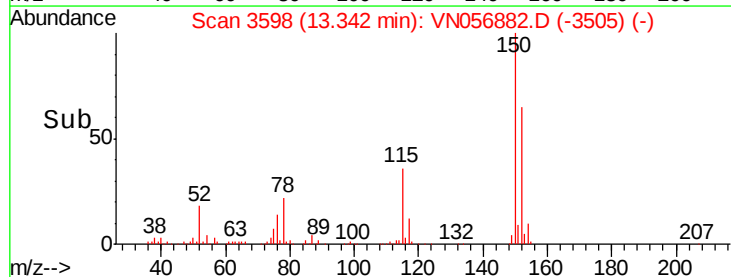
150 155.8 0.0 343.0

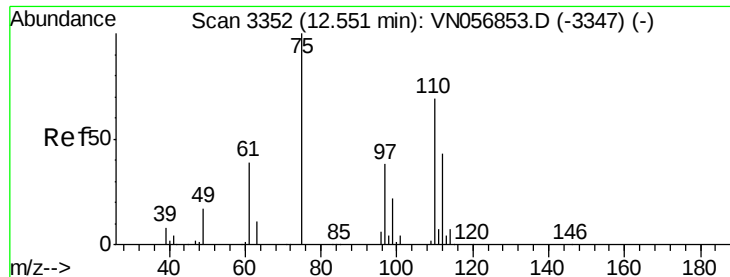


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.795 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

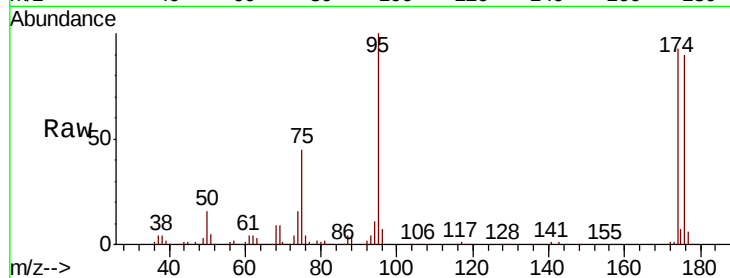
HD-02-072219

Tot Ion: 75 Resp: 97563

Ion Ratio Lower Upper

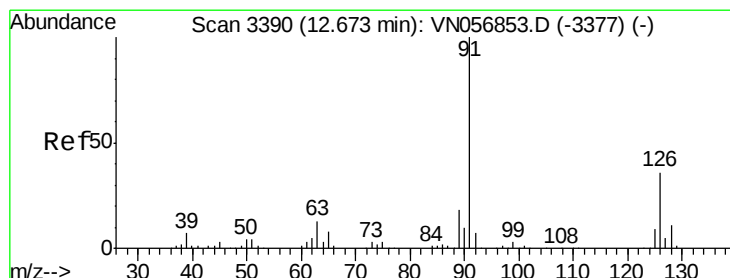
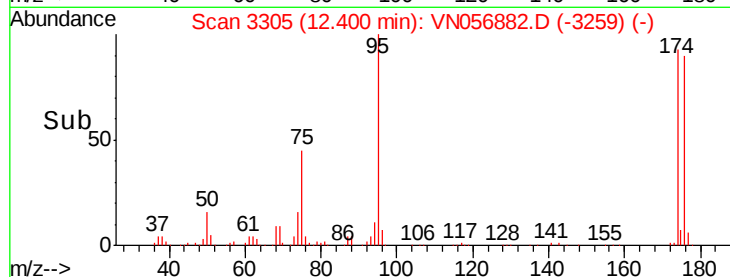
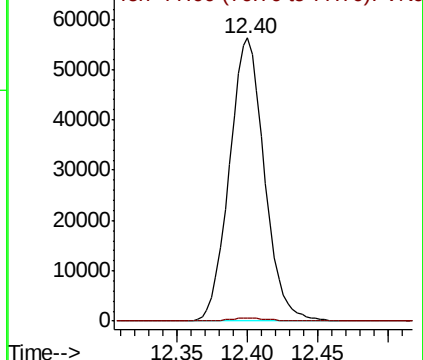
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.58 min Scan# 3362

Delta R.T. -0.09 min

Lab File: VN056882.D

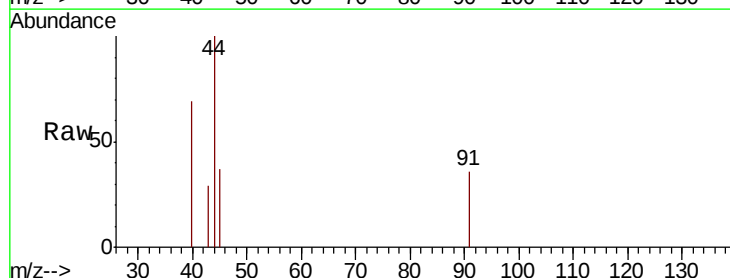
Acq: 23 Jul 2019 16:38

Tgt Ion: 91 Resp: 171

Ion Ratio Lower Upper

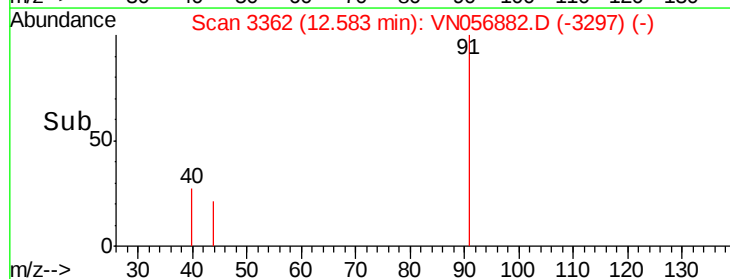
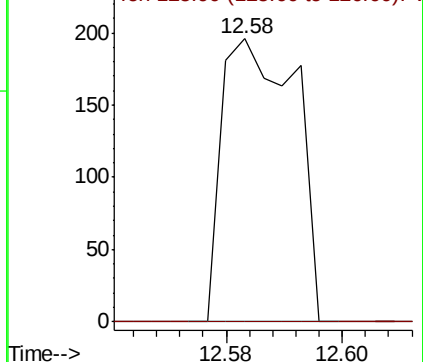
91 100

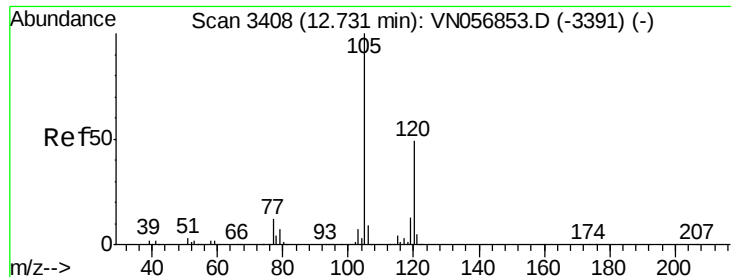
126 0.0 17.8 53.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampled :

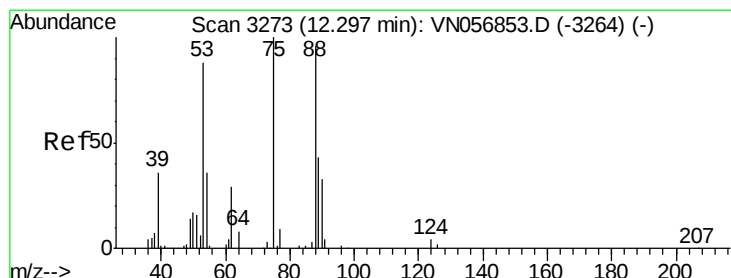
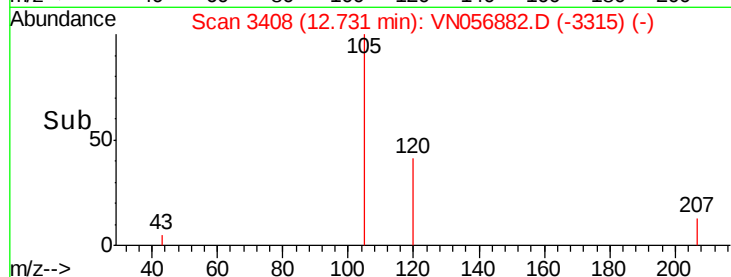
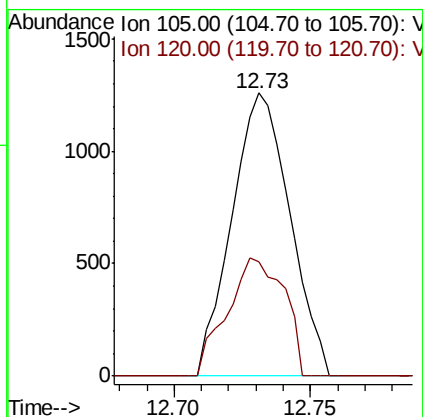
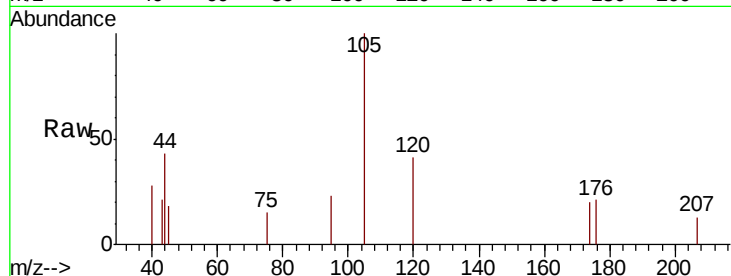
HD-02-072219

Tot Ion:105 Resp: 1860

Ion Ratio Lower Upper

105 100

120 40.8 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 85.820 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

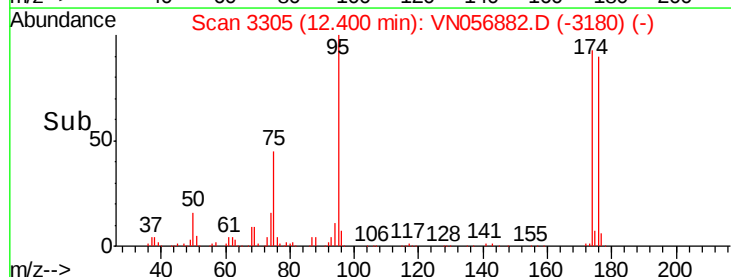
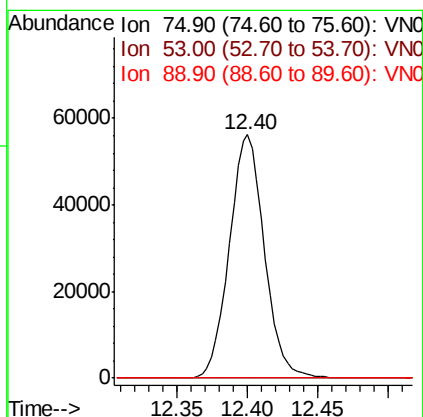
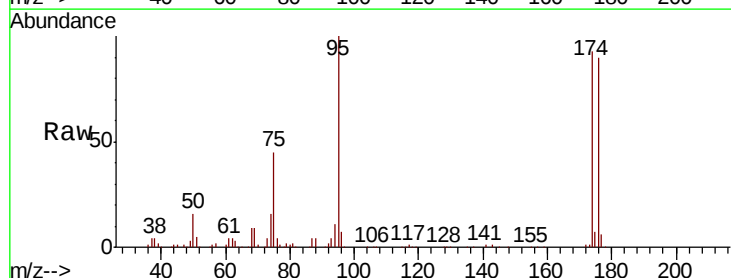
Tgt Ion: 75 Resp: 97563

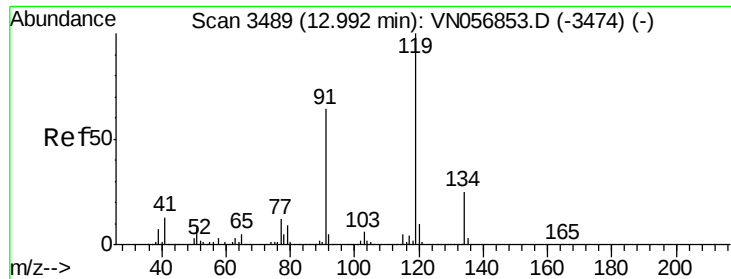
Ion Ratio Lower Upper

75 100

53 0.0 72.3 108.5#

89 0.0 36.2 54.4#

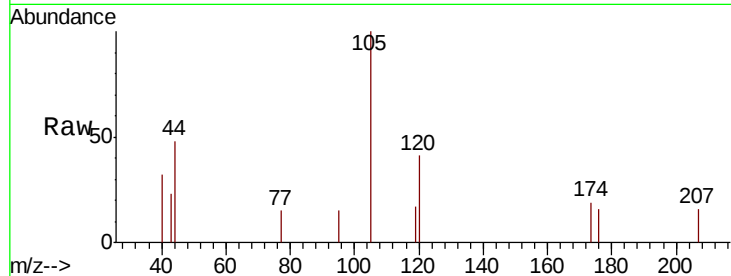




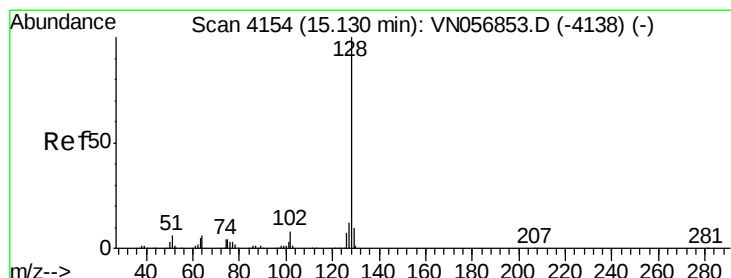
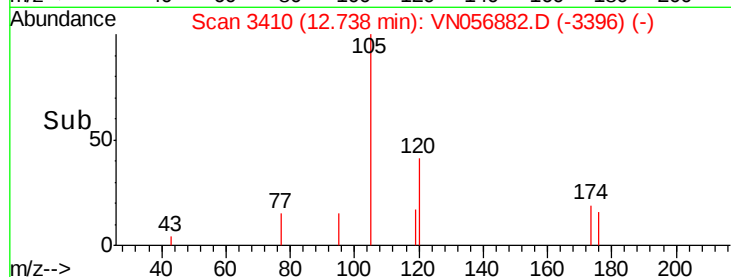
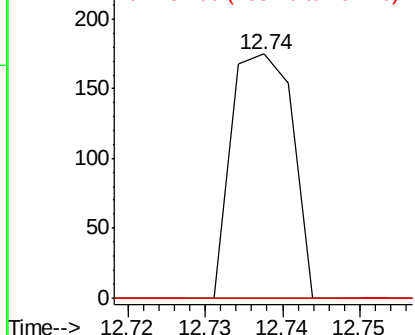
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.74 min Scan# 3410
Delta R.T. -0.25 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Instrument :
MSVOA_N
ClientSampled :
HD-02-072219

Tot Ion:119 Resp: 96
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 0.0 12.2 36.6#

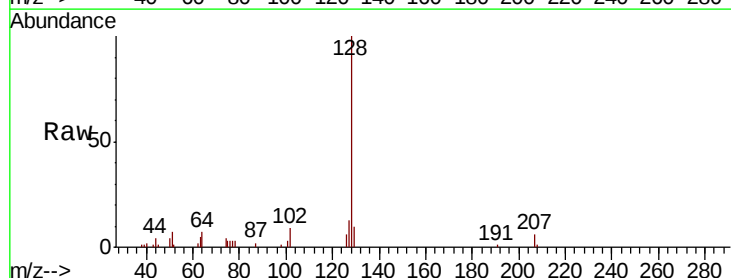


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#95
Naphthalene
Concen: 7.128 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Tgt Ion:128 Resp: 32284
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

