

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057019.D
 Acq On : 31 Jul 2019 17:00
 Operator : JC/SP
 Sample : K3618-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-073019

Quant Time: Aug 01 01:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	584717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	859558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	736600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241751	50.00	ug/l	0.00

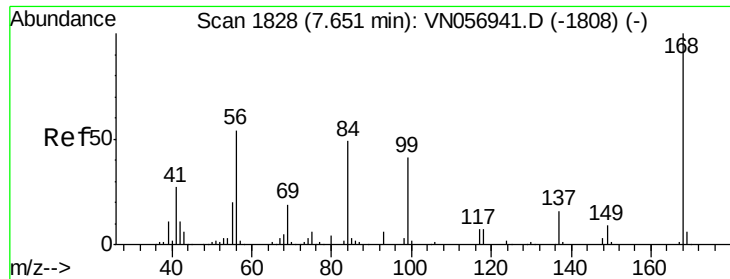
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	291648	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.58	113	261163	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	10.08	98	1020020	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	295005	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	3928	4.855	ug/l #	74
14) Allyl chloride	4.53	41	2184	0.261	ug/l #	29
16) Acetone	3.81	43	31440	14.499	ug/l	98
18) Methyl Acetate	4.32	43	8988	1.299	ug/l #	70
20) Methylene Chloride	4.54	84	128635	20.594	ug/l	98
25) 2-Butanone	6.83	43	1616	0.526	ug/l #	48
31) Cyclohexane	7.65	56	9355	0.951	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	36578	4.836	ug/l #	48
38) Carbon Tetrachloride	7.65	117	49405	6.906	ug/l #	17
43) Isopropyl Acetate	8.17	43	29834	2.980	ug/l #	81
45) 1,2-Dichloropropane	9.26	63	2053	0.329	ug/l #	44
48) Methyl methacrylate	9.17	41	9498	1.965	ug/l #	12
49) 1,4-Dioxane	9.26	88	29	0.291	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4115	0.692	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	63070	7.075	ug/l #	63
56) Ethyl methacrylate	10.54	69	1029	1.878	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13498	1.450	ug/l #	42
59) 2-Hexanone	10.76	43	170316	39.305	ug/l #	50
70) Styrene	11.96	104	126	1.874	ug/l #	43
71) Bromoform	12.40	173	2464	0.625	ug/l #	1
74) N-amyl acetate	11.87	43	16986	2.800	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.55	83	63	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	134789	27.454	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5232	0.305	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	134789	88.210	ug/l #	15
85) sec-Butylbenzene	13.17	105	4369	0.223	ug/l	94
90) Hexachloroethane	13.89	117	2692	0.899	ug/l #	3
95) Naphthalene	15.12	128	8153	4.325	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampled :

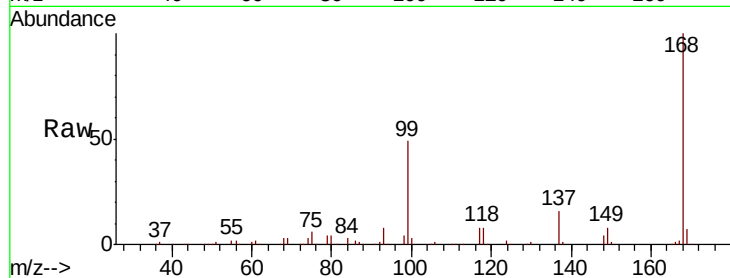
HD-01-073019

Tot Ion:168 Resp: 584717

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

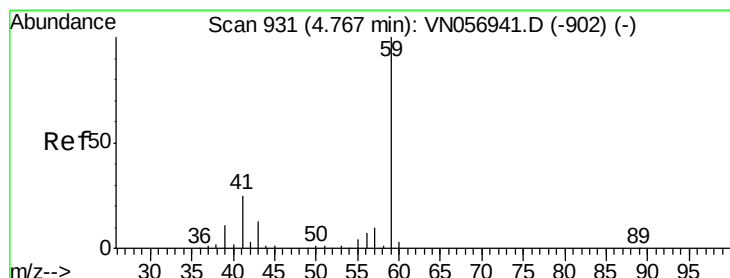
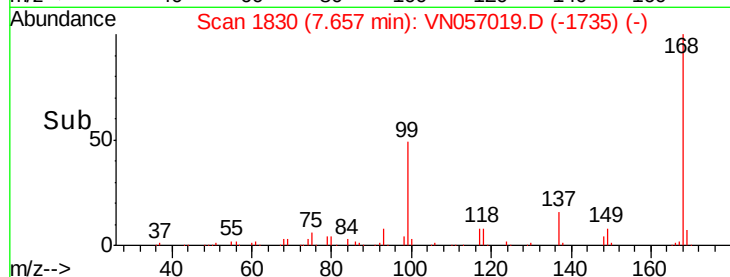
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.855 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.04 min

Lab File: VN057019.D

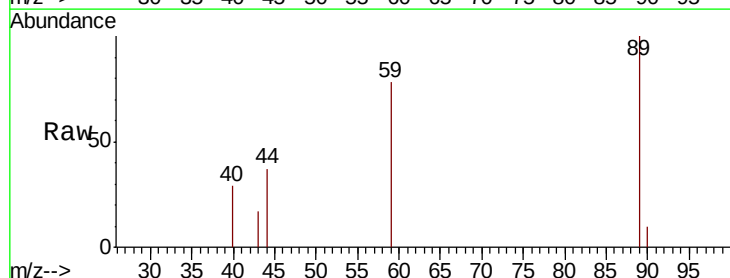
Acq: 31 Jul 2019 17:00

Tgt Ion: 59 Resp: 3928

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

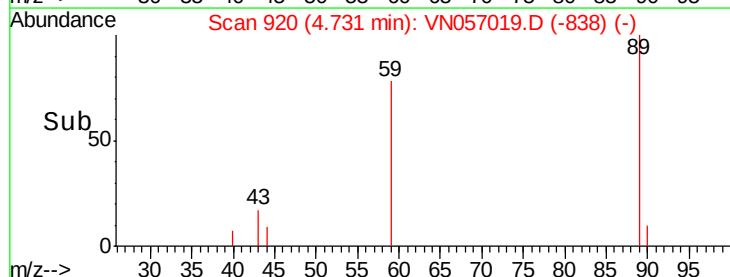
4.73

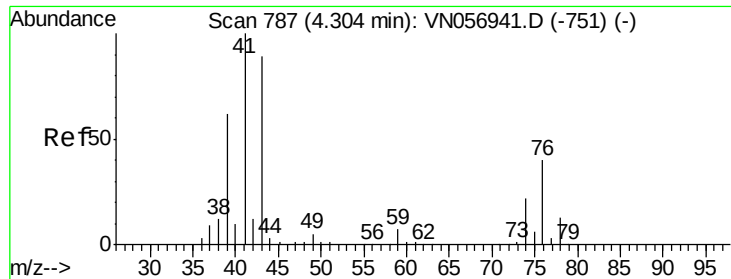
1000

500

0

Time-->

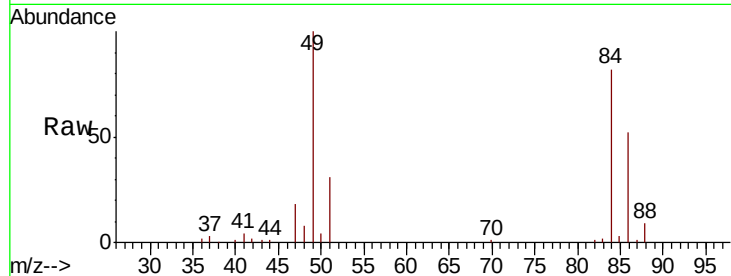




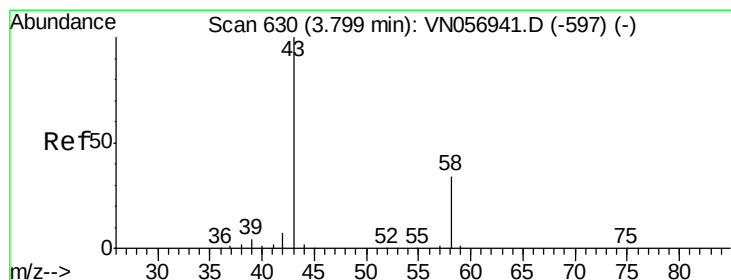
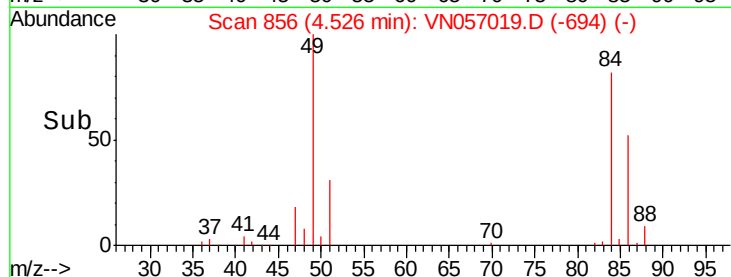
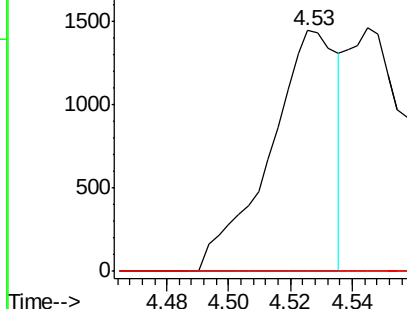
#14
Allvl chloride
Concen: 0.261 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.22 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :
HD-01-073019

Tot Ion: 41 Resp: 2184
Ion Ratio Lower Upper
41 100
39 0.0 46.4 69.6#
76 0.0 28.4 42.6#

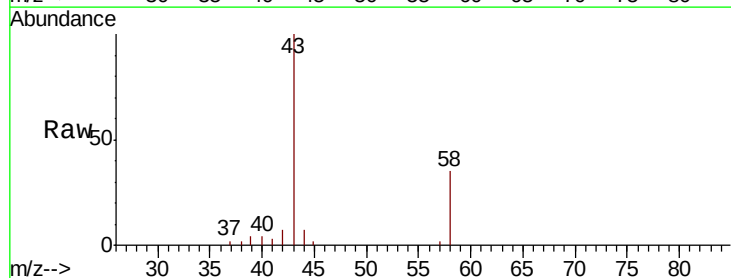


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

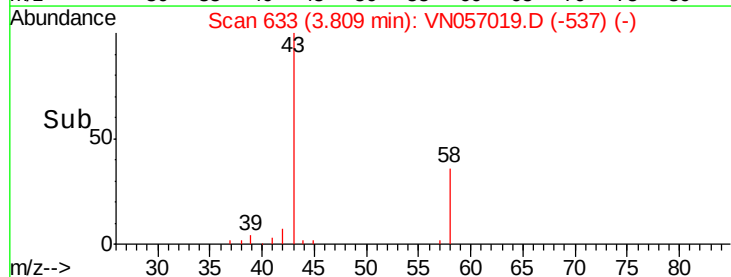
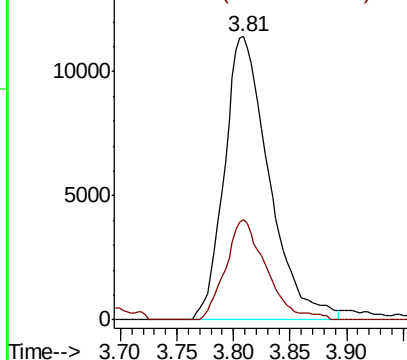


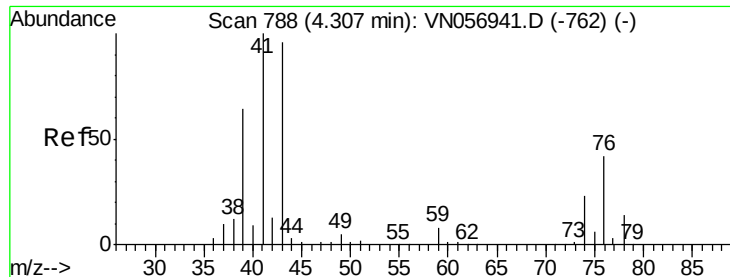
#16
Acetone
Concen: 14.499 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion: 43 Resp: 31440
Ion Ratio Lower Upper
43 100
58 35.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

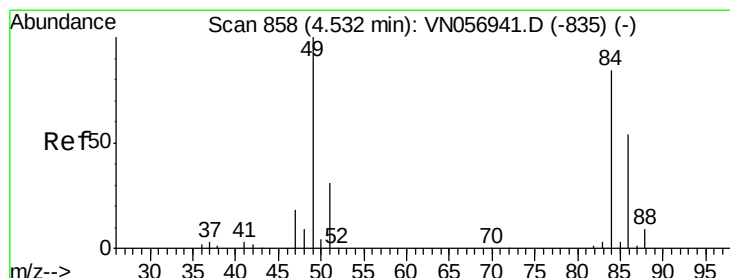
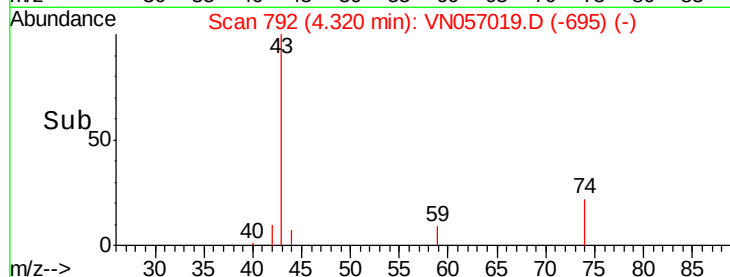
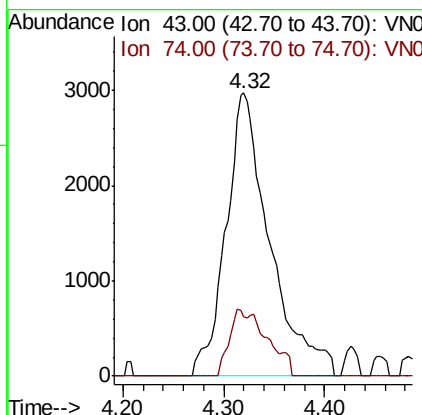
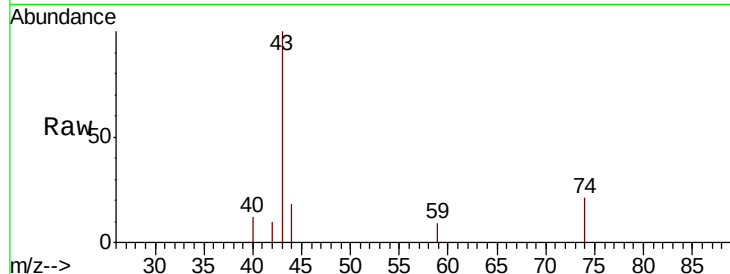




#18
Methvl Acetate
Concen: 1.299 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

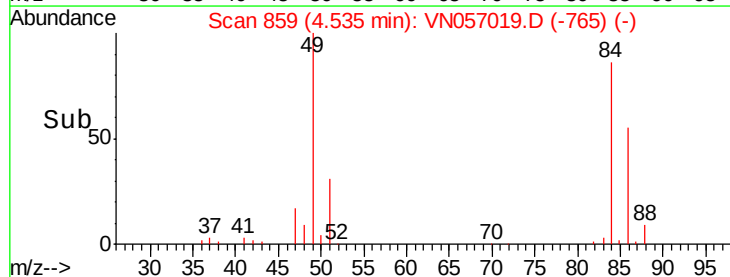
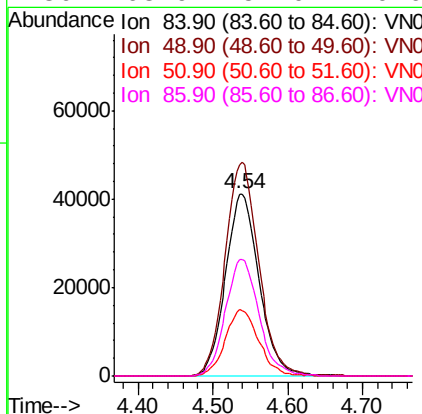
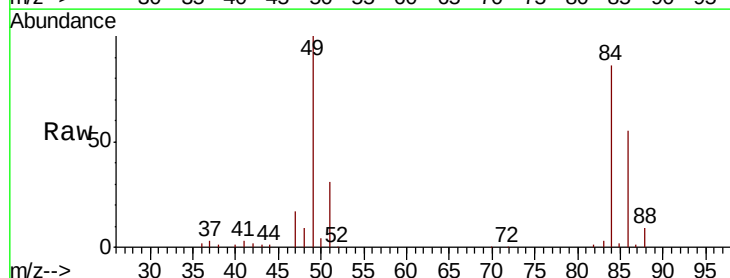
Instrument :
MSVOA_N
ClientSampleId :
HD-01-073019

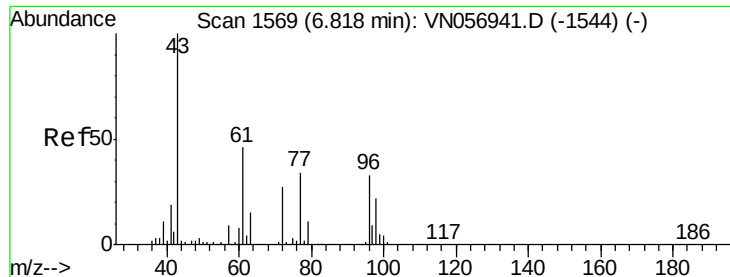
Tot Ion: 43 Resp: 8988
Ion Ratio Lower Upper
43 100
74 9.5 19.7 29.5#



#20
Methylene Chloride
Concen: 20.594 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion: 84 Resp: 128635
Ion Ratio Lower Upper
84 100
49 116.2 95.2 142.8
51 36.3 29.7 44.5
86 63.9 51.0 76.6

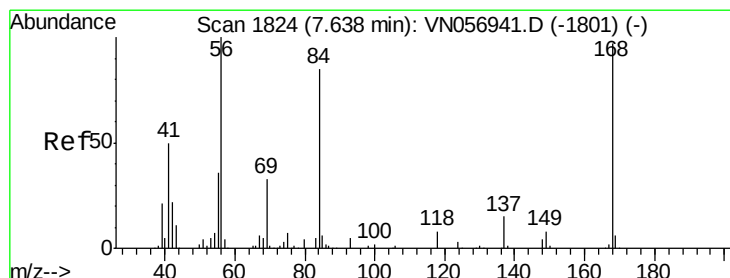
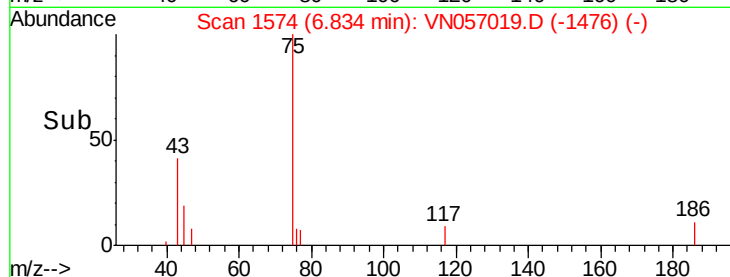
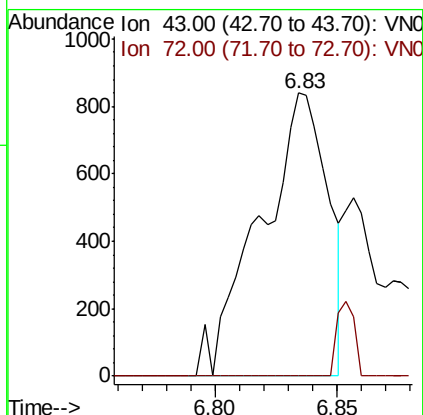
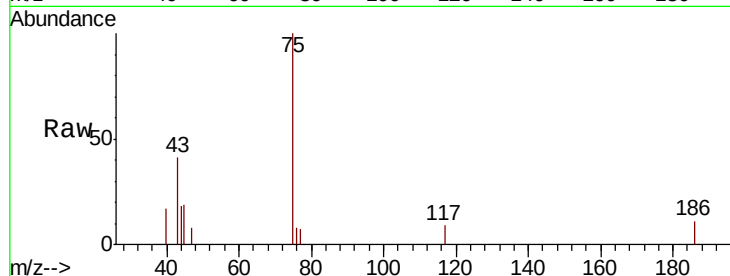




#25
2-Butanone
Concen: 0.526 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

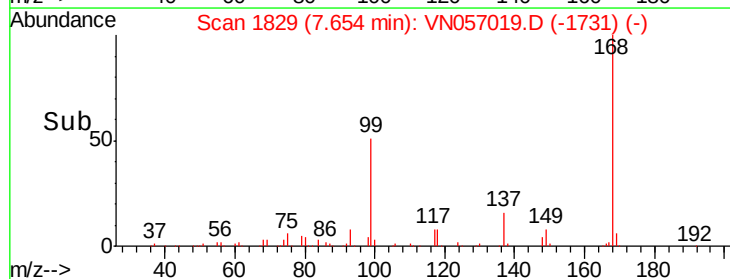
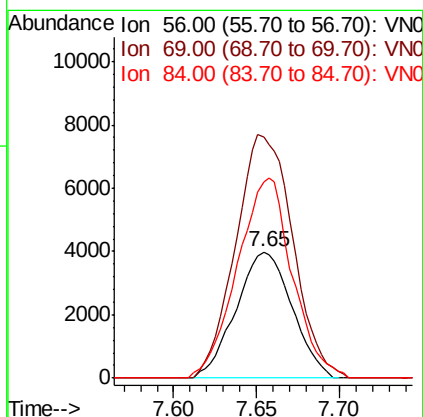
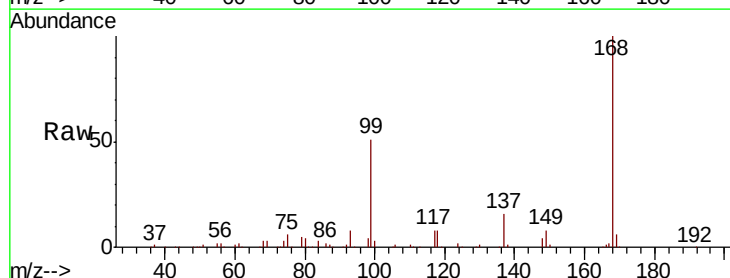
Instrument :
MSVOA_N
ClientSampleId :
HD-01-073019

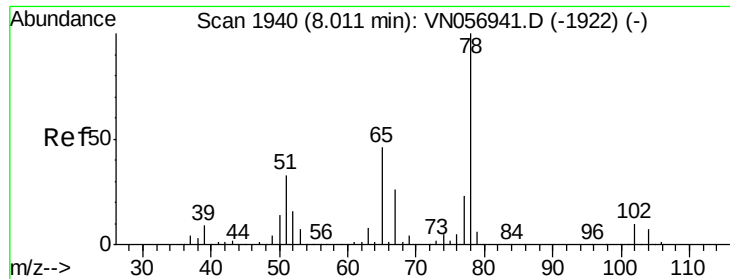
Tot Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#31
Cyclohexane
Concen: 0.951 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion: 56 Resp: 9355
Ion Ratio Lower Upper
56 100
69 191.6 26.2 39.2#
84 156.1 68.2 102.2#

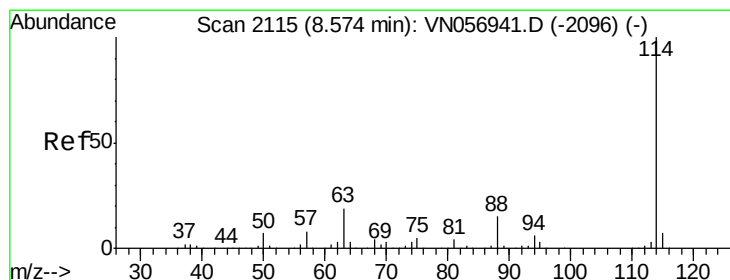
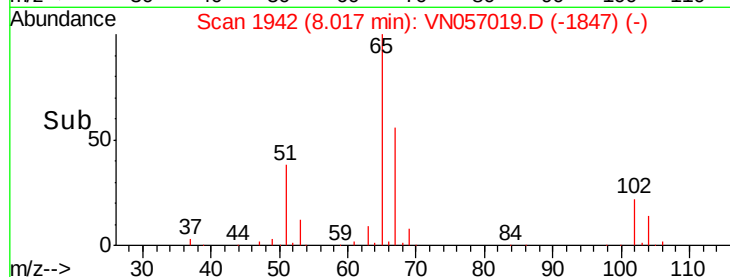
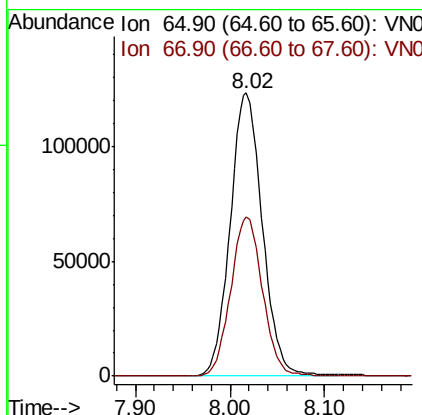
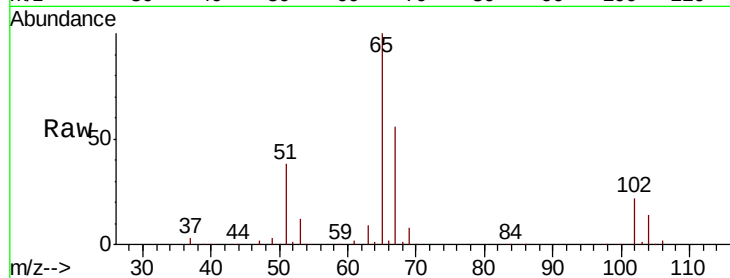




#33
 1,2-Dichloroethane-d4
 Concen: 48.726 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

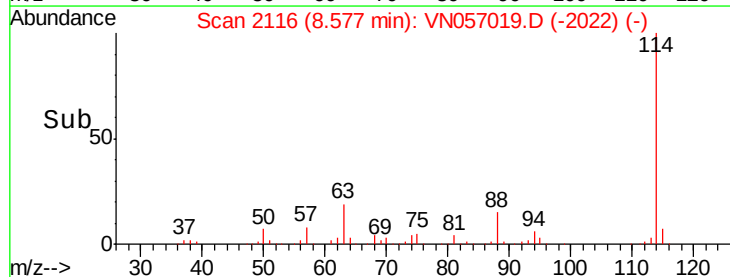
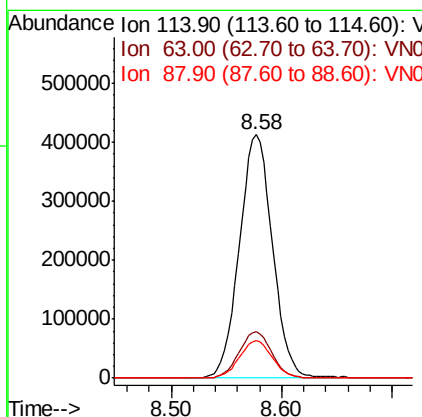
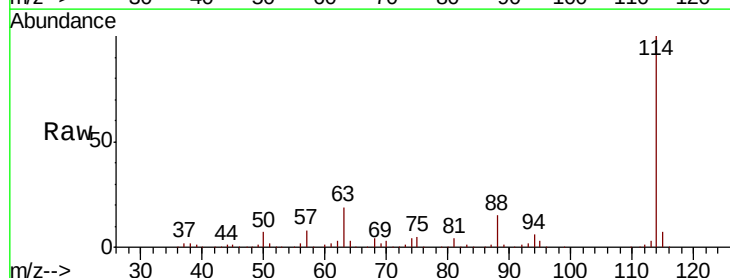
Instrument :
 MSVOA_N
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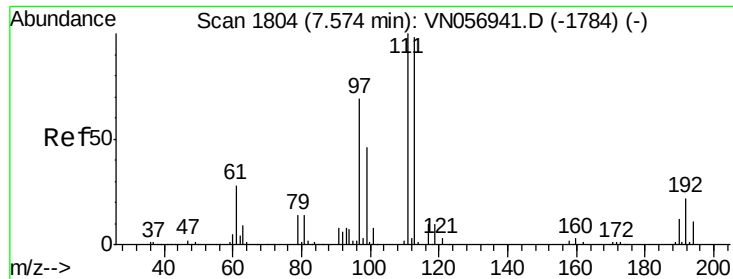
Tot Ion: 65 Resp: 291648
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

Tgt Ion: 114 Resp: 859558
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 15.2 0.0 30.0

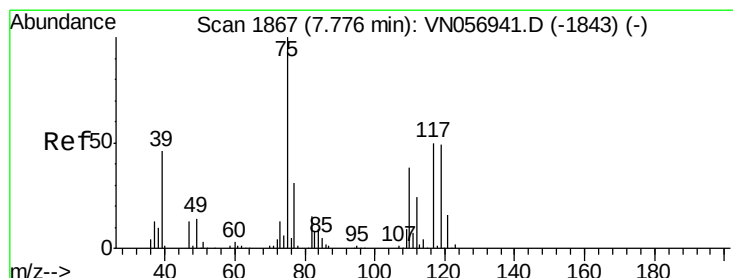
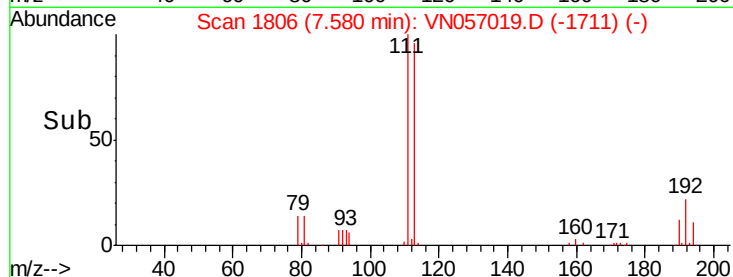
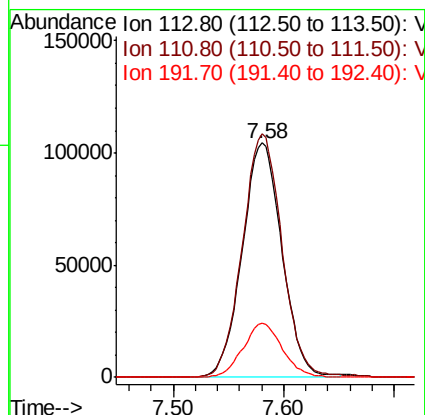
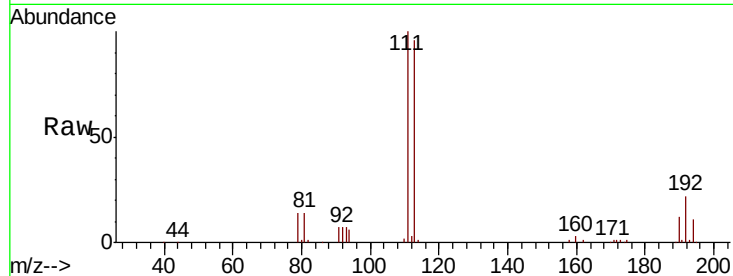




#35
 Dibromofluoromethane
 Concen: 47.462 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

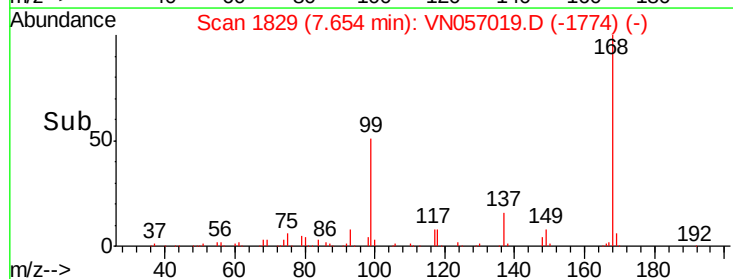
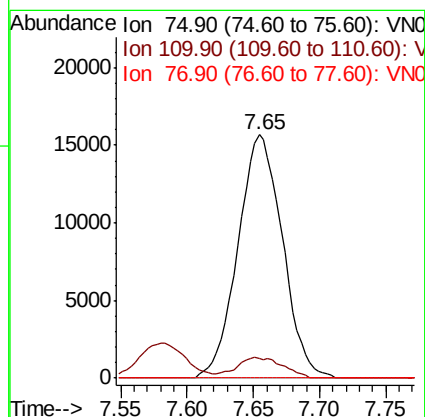
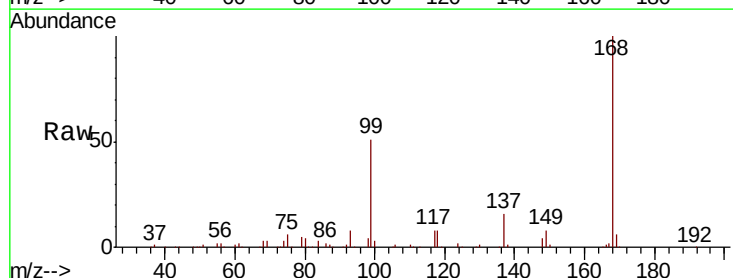
Instrument :
 MSVOA_N
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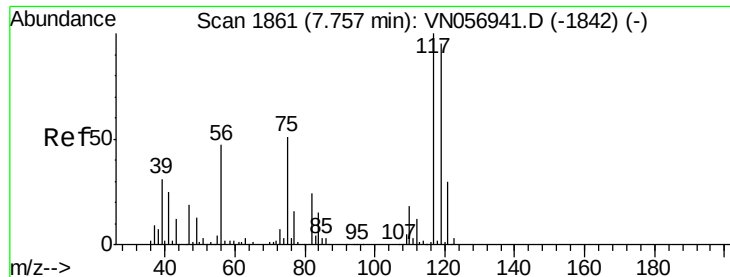
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	22.9	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 4.836 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.6	55.8#
77	0.0	25.2	37.8#





#38

Carbon Tetrachloride

Concen: 6.906 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampled :

HD-01-073019

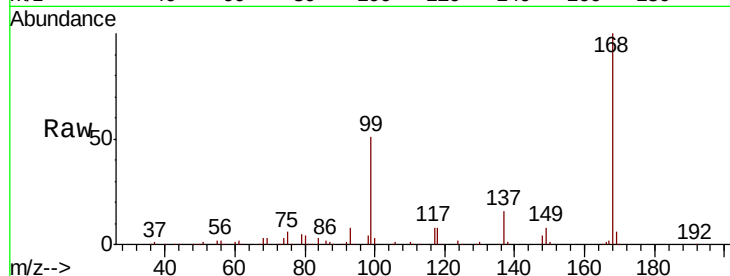
Tot Ion:117 Resp: 49405

Ion Ratio Lower Upper

117 100

119 5.2 75.3 112.9#

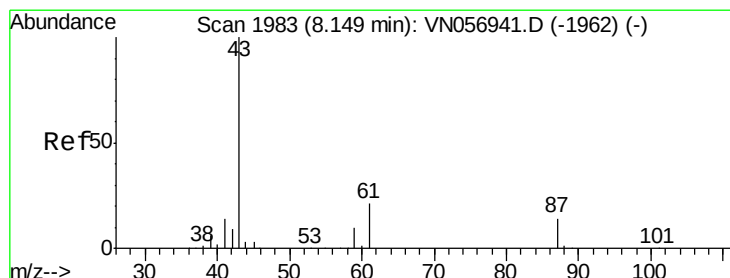
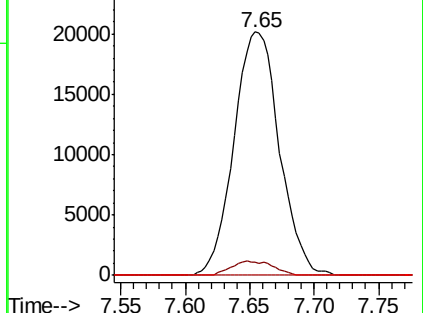
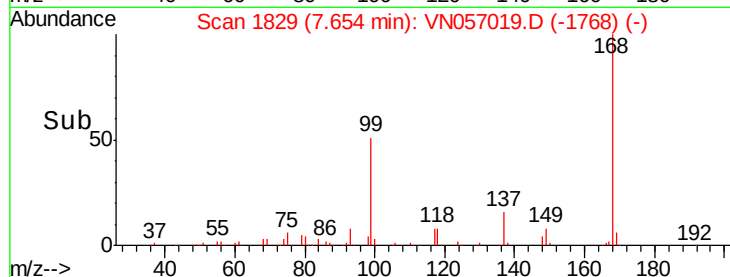
121 0.0 24.2 36.4#



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



#43

Isopropyl Acetate

Concen: 2.980 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

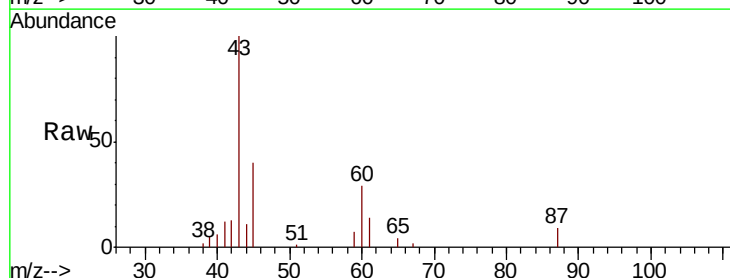
Tgt Ion: 43 Resp: 29834

Ion Ratio Lower Upper

43 100

61 16.3 23.0 34.6#

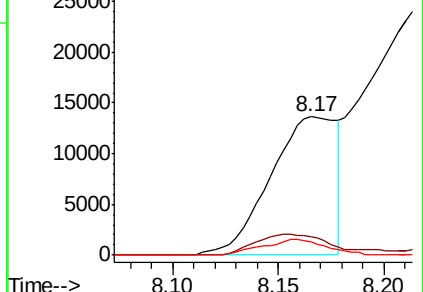
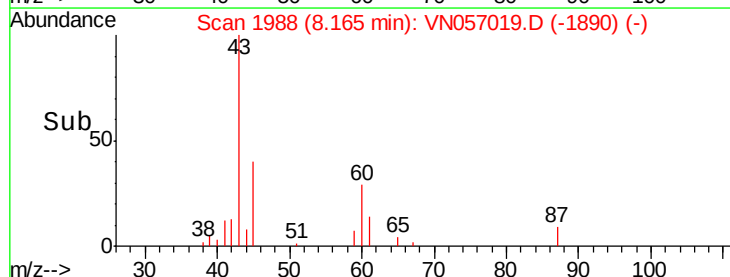
87 10.9 11.7 17.5#

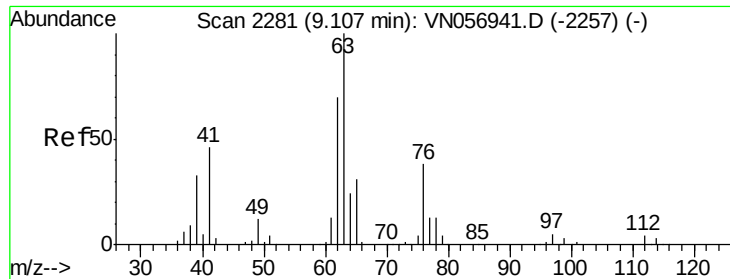


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

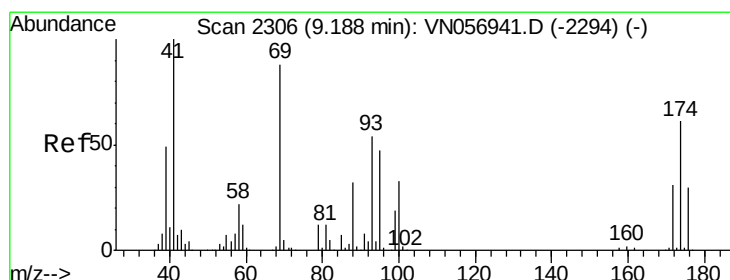
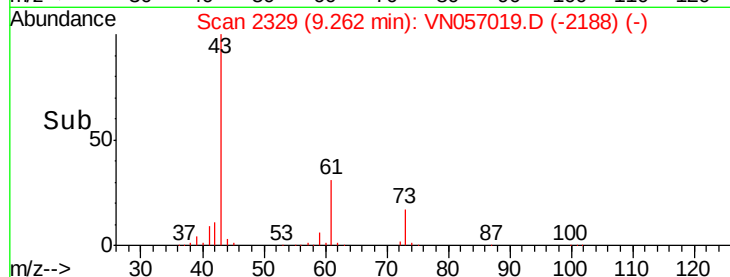
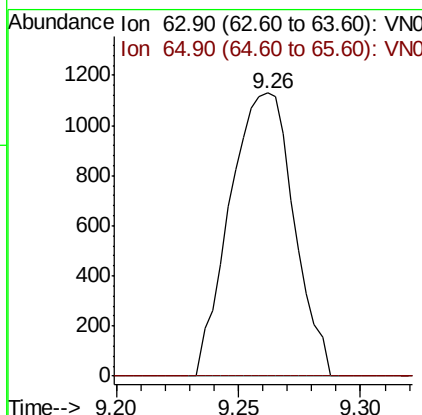
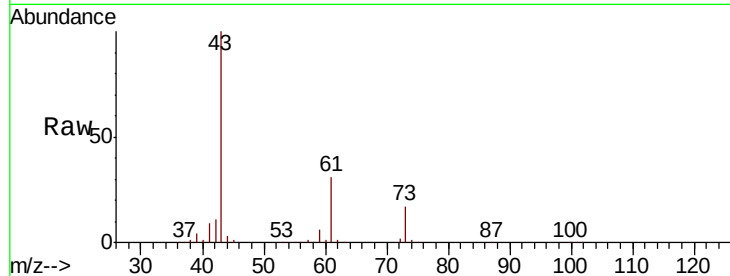




#45
 1,2-Dichloropropane
 Concen: 0.329 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

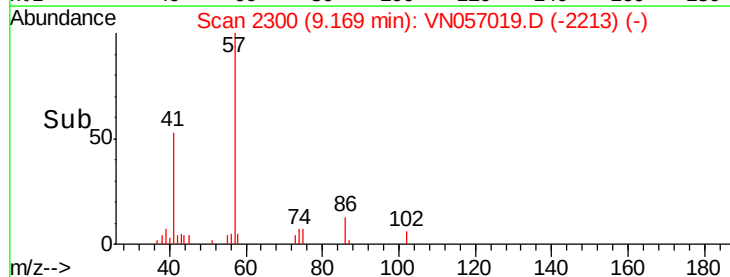
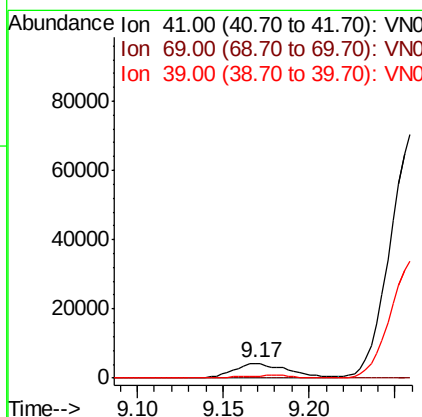
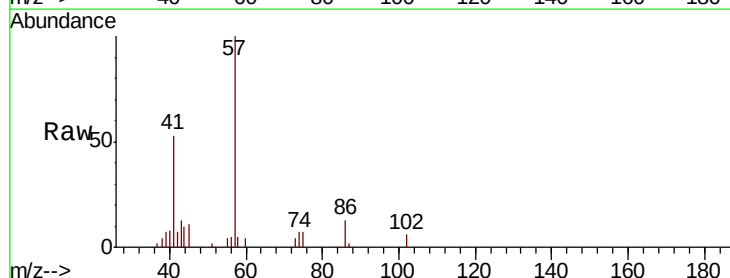
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-073019

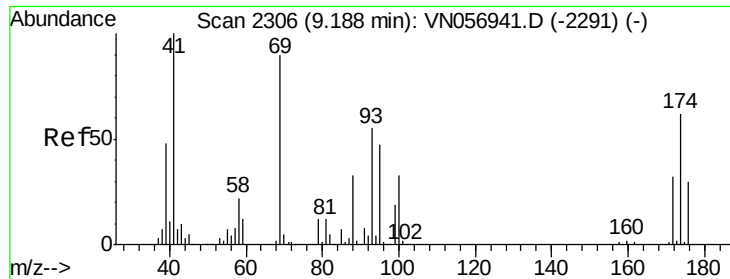
Tot Ion: 63 Resp: 2053
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 1.965 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

Tgt Ion: 41 Resp: 9498
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.4 110.0#
 39 0.0 39.9 59.9#





#49

1,4-Dioxane

Concen: 0.291 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.07 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

HD-01-073019

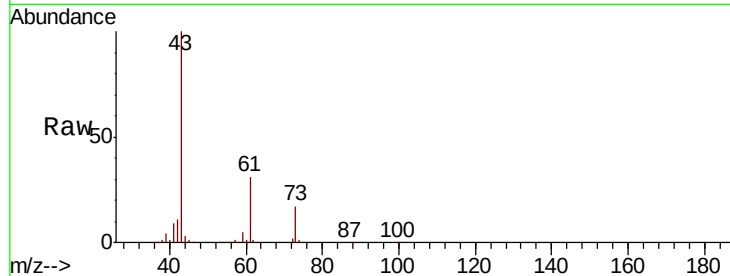
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 5055710.3 22.2 33.2#

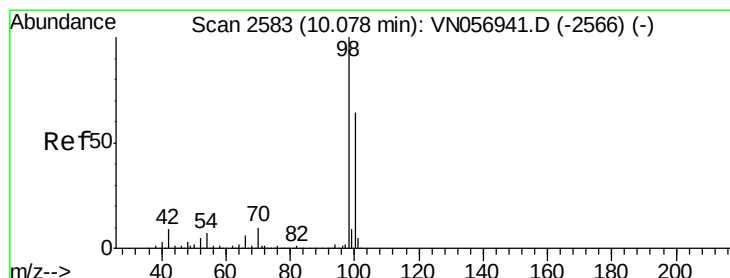
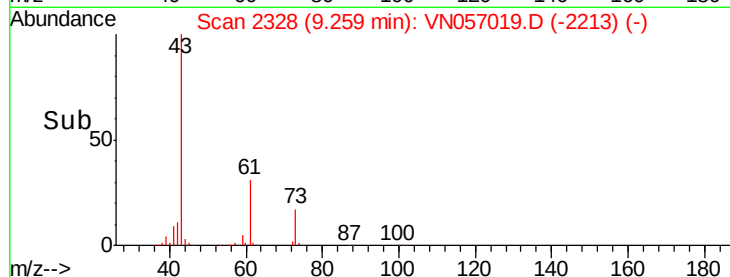
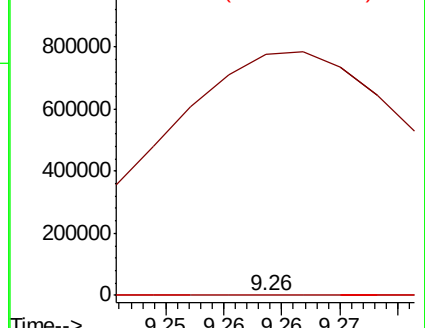
58 24713.8 54.1 81.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.609 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057019.D

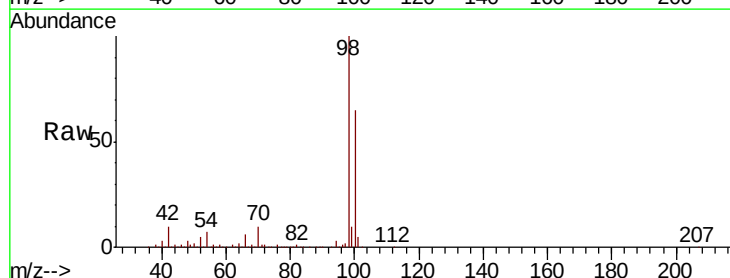
Acq: 31 Jul 2019 17:00

Tgt Ion: 98 Resp: 1020020

Ion Ratio Lower Upper

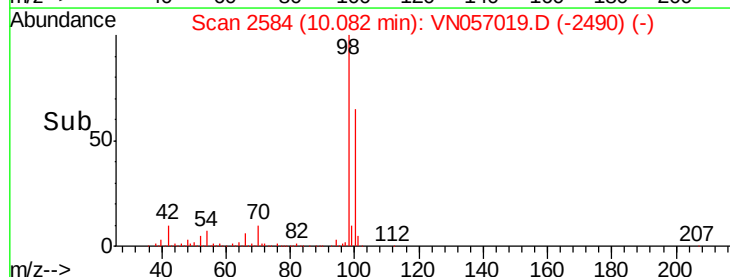
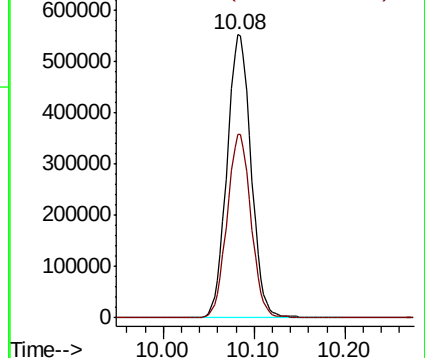
98 100

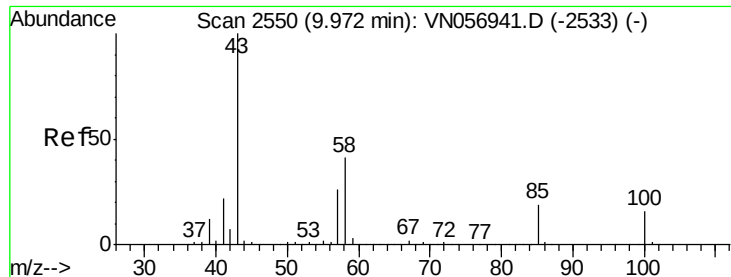
100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.692 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampled :

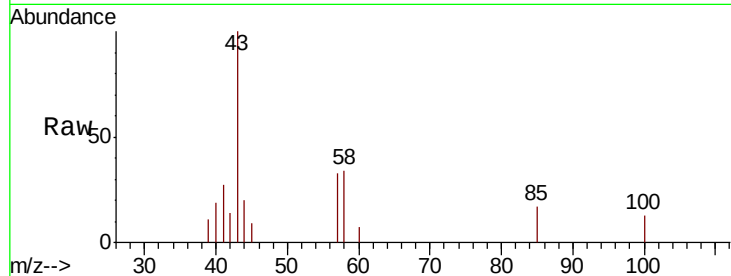
HD-01-073019

Tot Ion: 43 Resp: 4115

Ion Ratio Lower Upper

43 100

58 47.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)

6000

5000

4000

3000

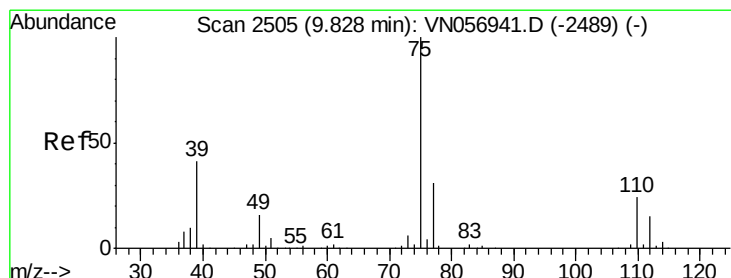
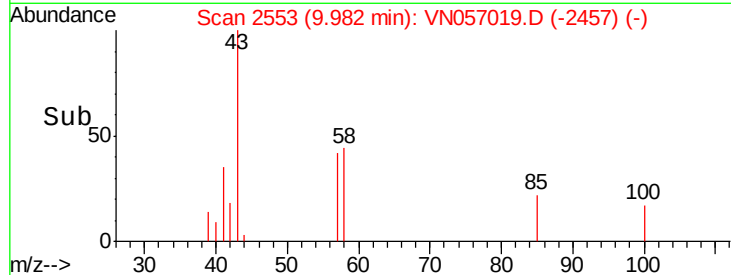
2000

1000

0

9.94 9.96 9.98 10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 7.075 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

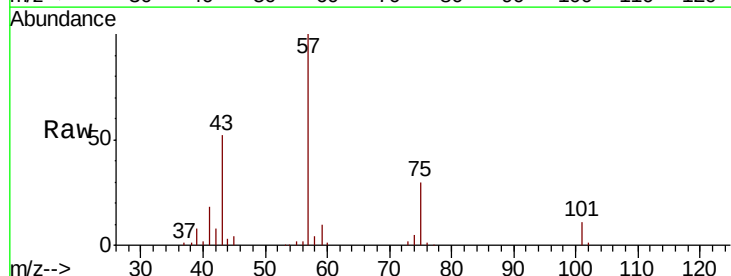
Tgt Ion: 75 Resp: 63070

Ion Ratio Lower Upper

75 100

77 0.6 25.0 37.6#

39 26.7 32.6 49.0#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN056941.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN056941.D (-2489) (-)

50000

40000

30000

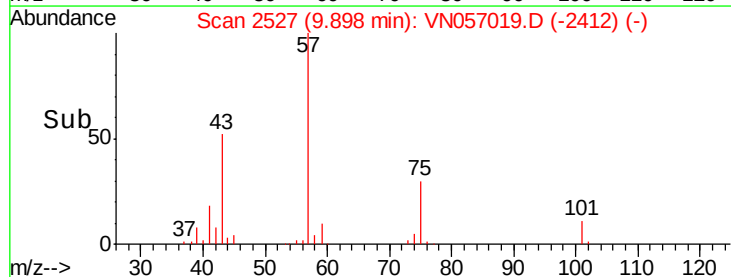
20000

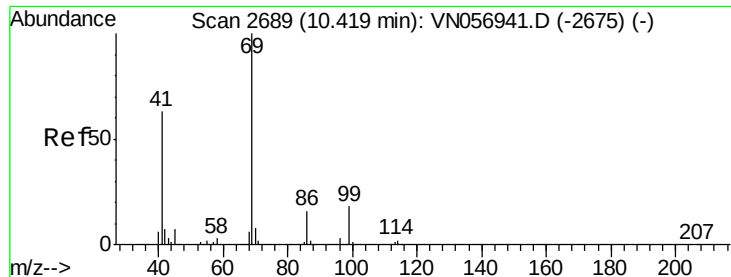
10000

0

9.80 9.90 10.00

Time-->





#56

Ethyl methacrylate

Concen: 1.878 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampled :

HD-01-073019

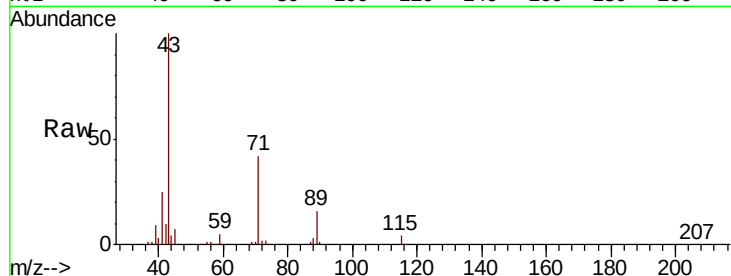
Tot Ion: 69 Resp: 1029

Ion Ratio Lower Upper

69 100

41 3783.8 49.2 73.8#

39 1458.5 23.1 34.7#

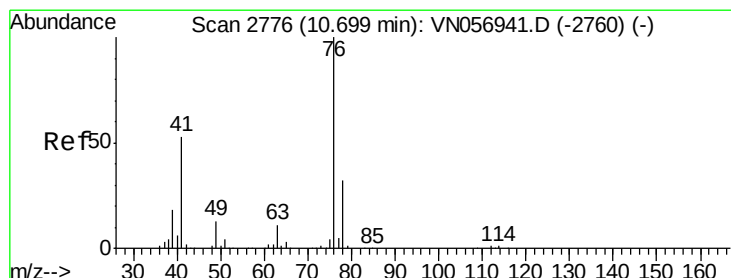
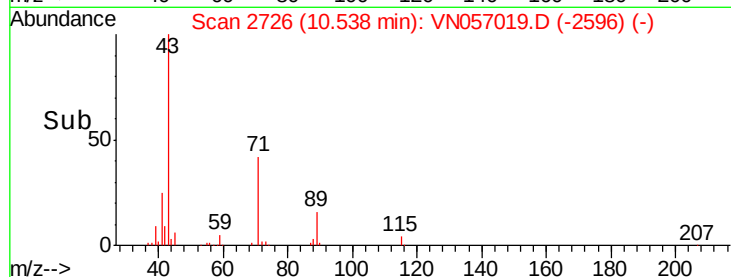
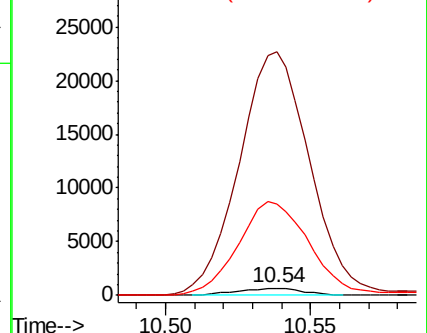


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.450 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN057019.D

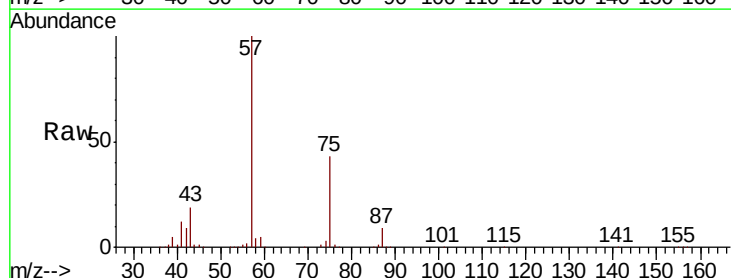
Acq: 31 Jul 2019 17:00

Tgt Ion: 76 Resp: 13498

Ion Ratio Lower Upper

76 100

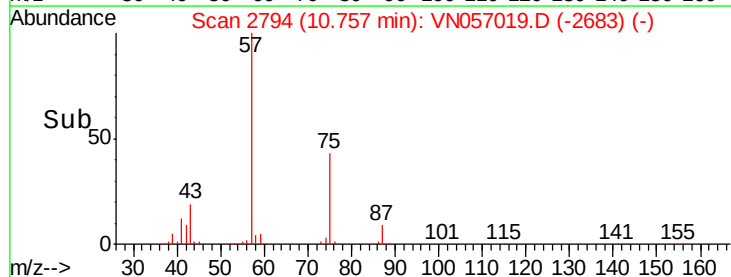
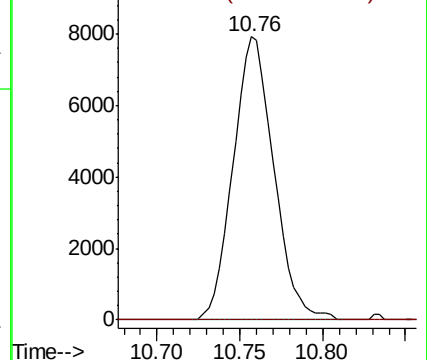
78 0.0 25.9 38.9#

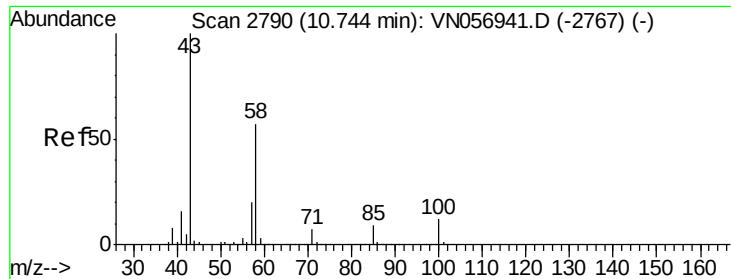


Abundance

Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

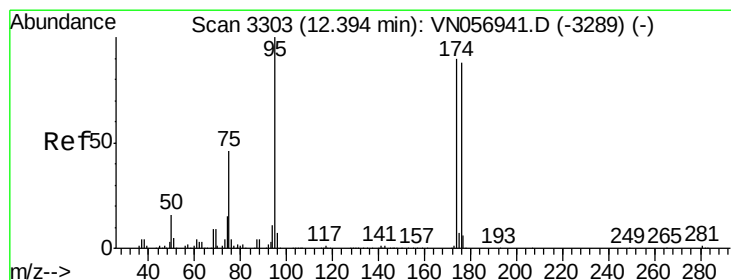
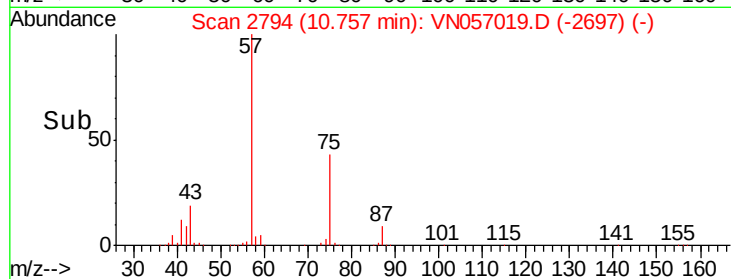
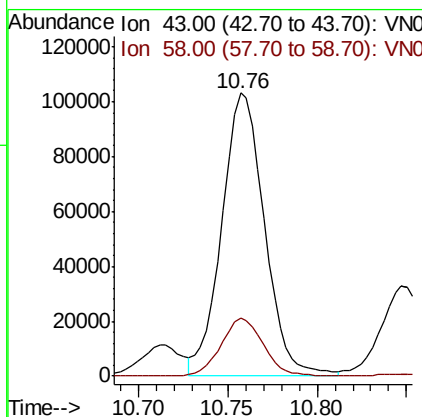
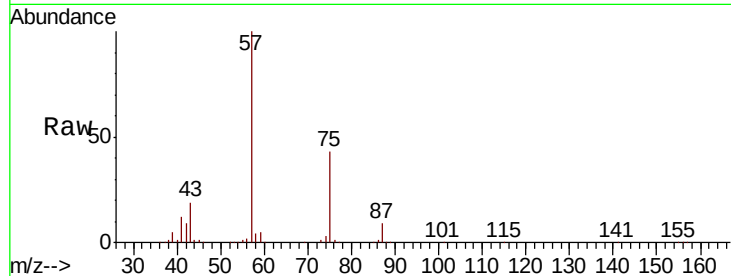




#59
2-Hexanone
Concen: 39.305 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

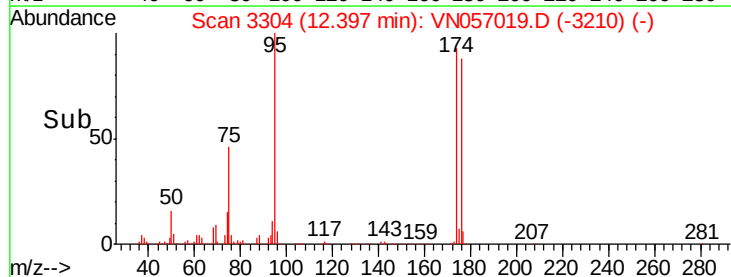
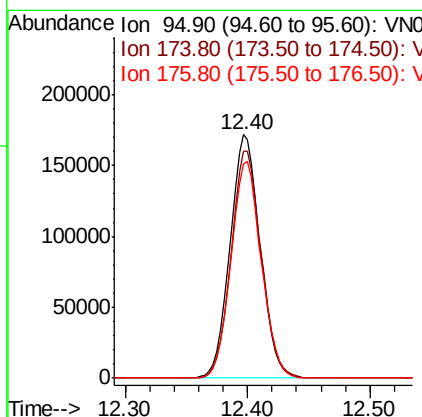
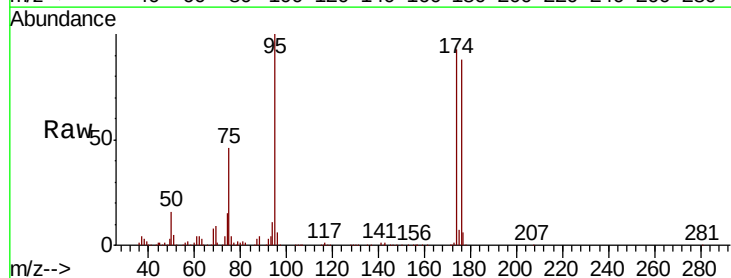
Instrument :
MSVOA_N
ClientSampleId :
HD-01-073019

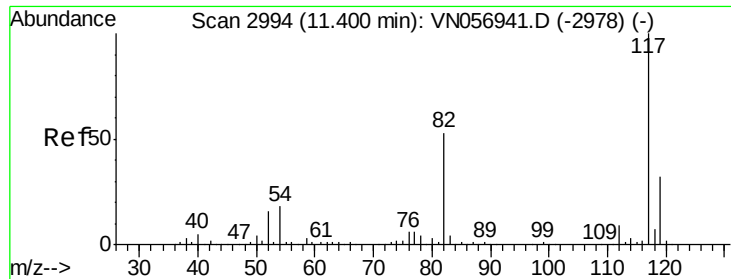
Tot Ion: 43 Resp: 170316
Ion Ratio Lower Upper
43 100
58 20.5 28.5 85.5#



#62
4-Bromofluorobenzene
Concen: 43.185 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion: 95 Resp: 295005
Ion Ratio Lower Upper
95 100
174 93.4 0.0 182.2
176 89.4 0.0 179.4

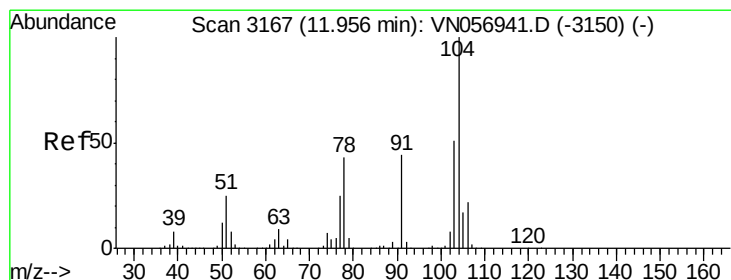
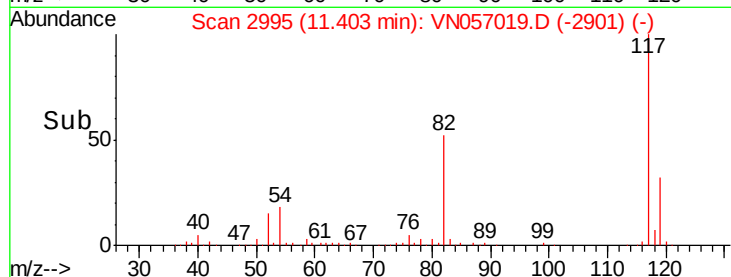
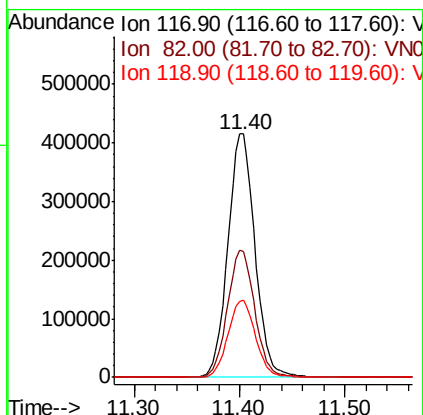
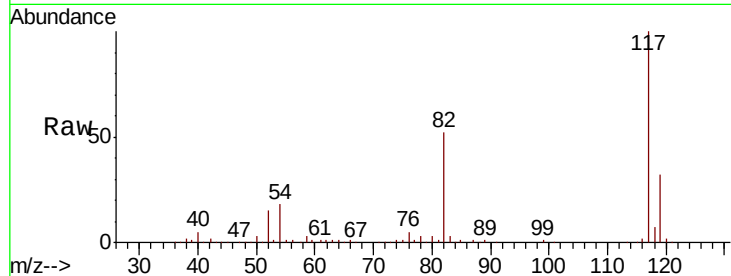




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

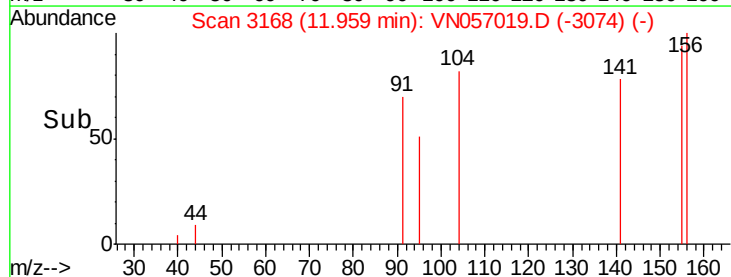
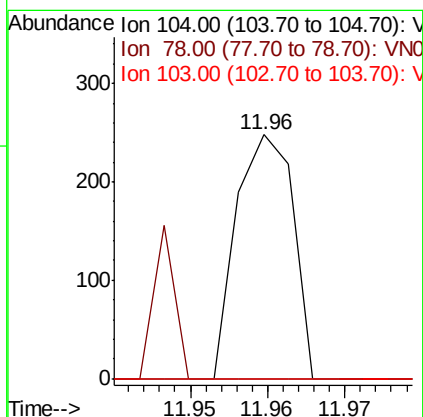
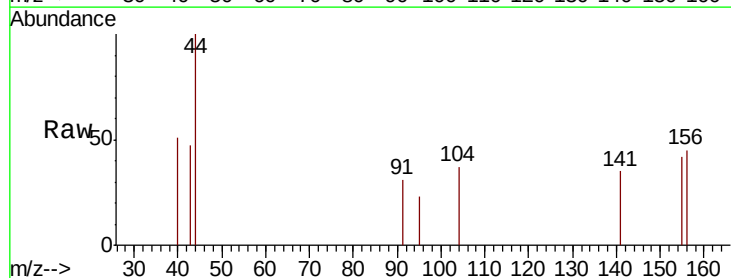
Instrument :
MSVOA_N
ClientSampled :
HD-01-073019

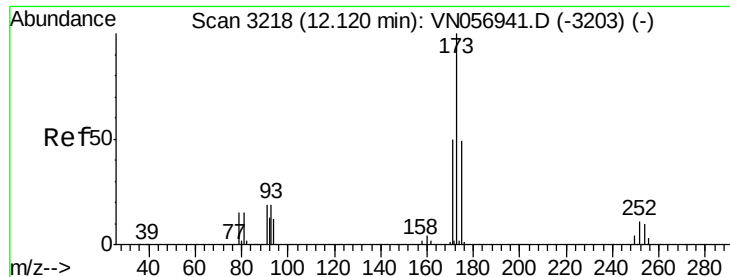
Tot Ion:117 Resp: 736600
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.4
119 31.6 25.8 38.6



#70
Styrene
Concen: 1.874 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion:104 Resp: 126
Ion Ratio Lower Upper
104 100
78 23.8 38.1 57.1#
103 0.0 44.3 66.5#





#71

Bromoform

Concen: 0.625 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

HD-01-073019

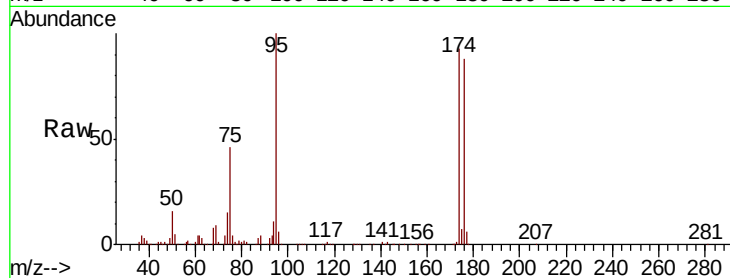
Tot Ion:173 Resp: 2464

Ion Ratio Lower Upper

173 100

175 670.6 24.1 72.4#

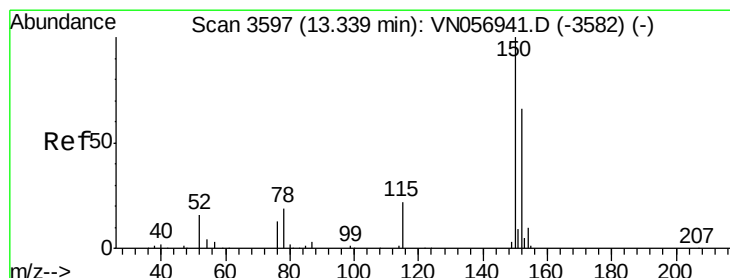
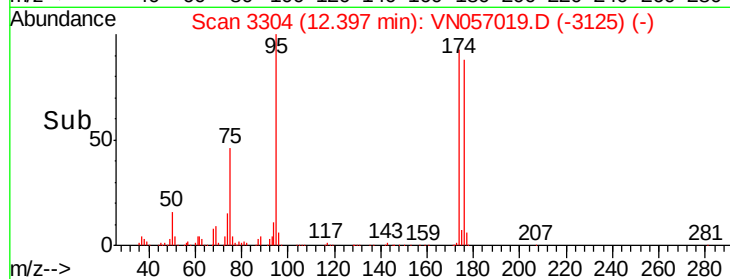
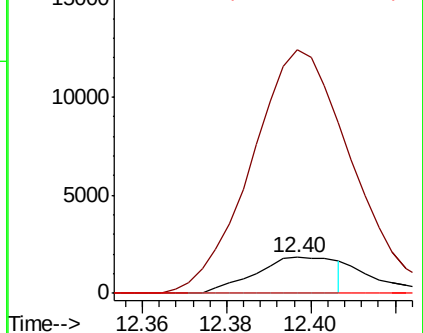
254 0.0 0.1 0.1#



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: VN057019.D

Acq: 31 Jul 2019 17:00

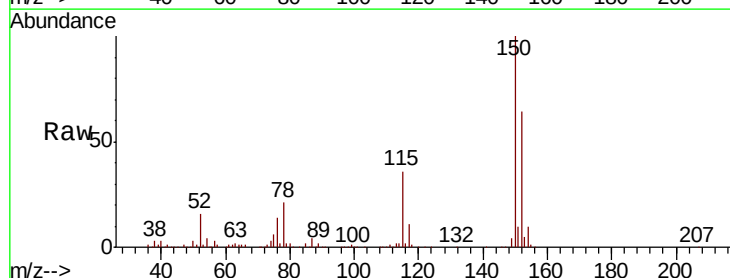
Tgt Ion:152 Resp: 241751

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.6

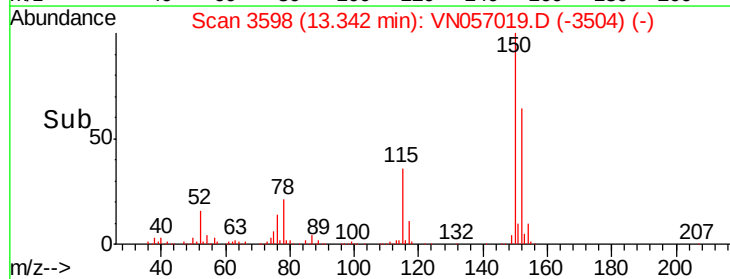
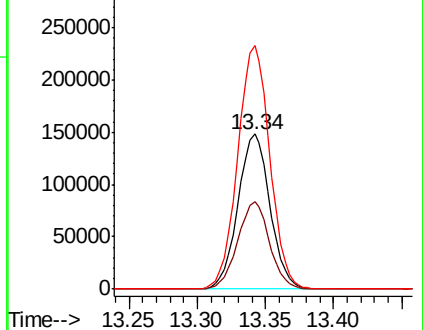
150 157.3 0.0 349.4

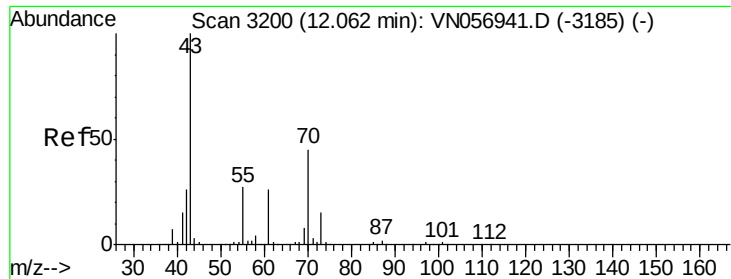


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

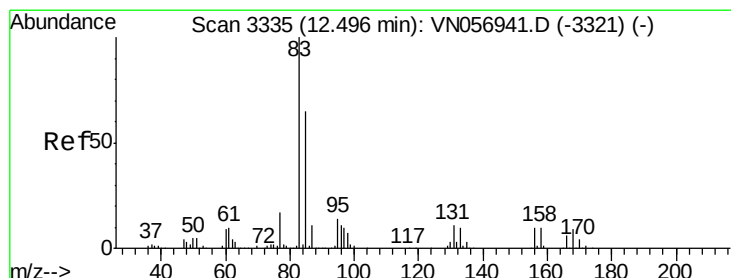
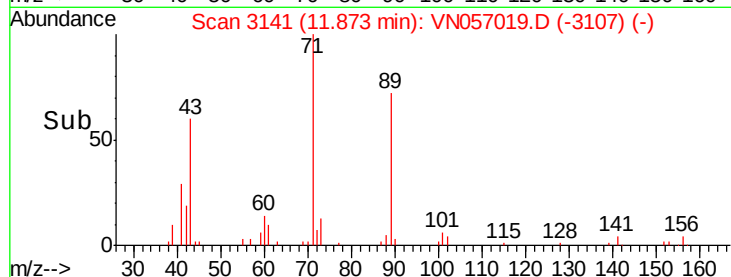
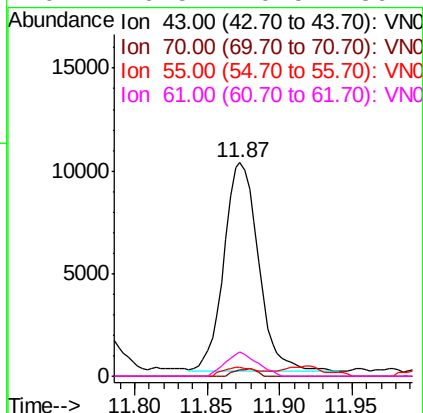
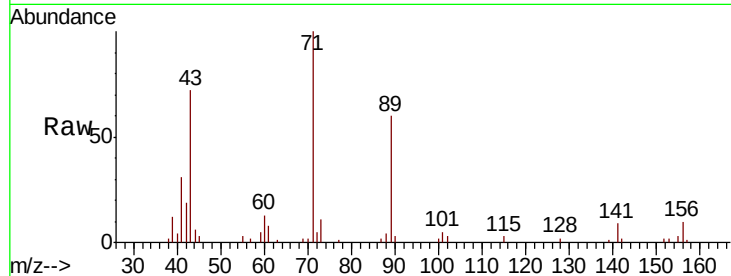




#74
N-amvl acetate
Concen: 2.800 ug/l
RT: 11.87 min Scan# 3141
Delta R.T. -0.19 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

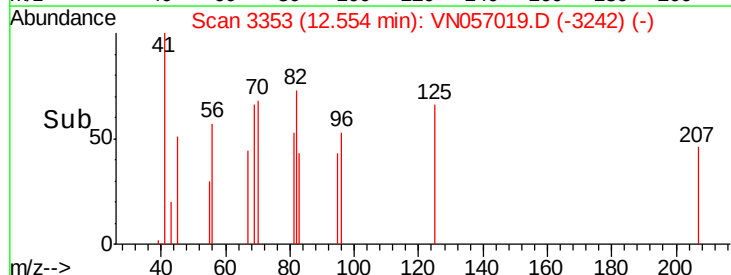
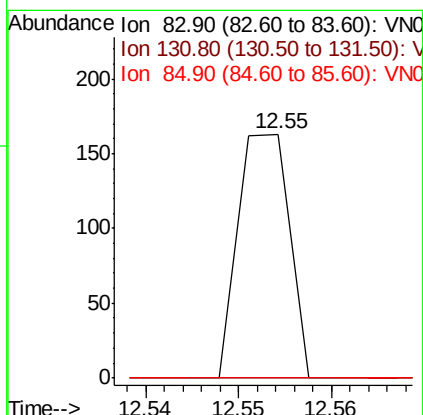
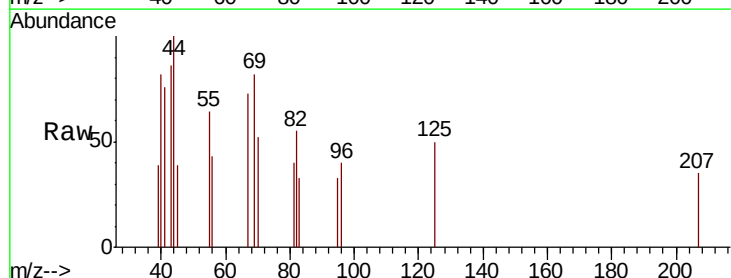
Instrument :
MSVOA_N
ClientSampled :
HD-01-073019

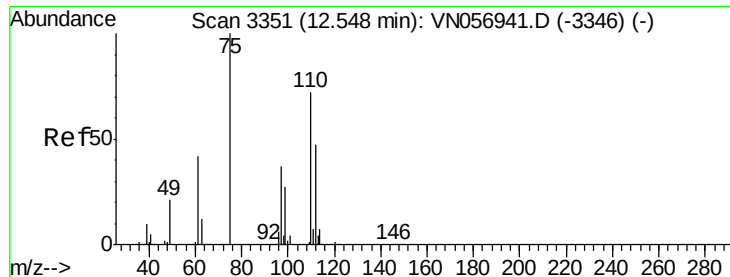
Tot Ion: 43 Resp: 16986
Ion Ratio Lower Upper
43 100
70 2.2 36.5 54.7#
55 4.0 21.4 32.0#
61 10.5 20.5 30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.55 min Scan# 3353
Delta R.T. 0.06 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 0.0 32.5 97.4#





#76

1,2,3-Trichloropropane

Concen: 27.454 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

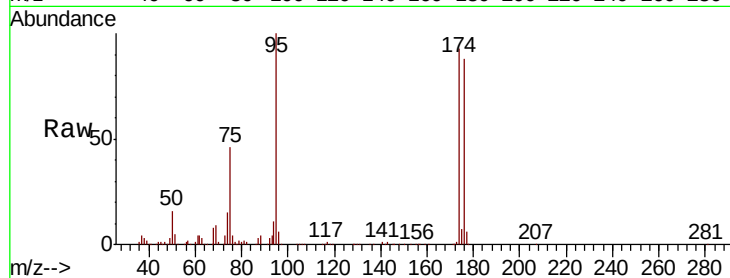
HD-01-073019

Tot Ion: 75 Resp: 134789

Ion Ratio Lower Upper

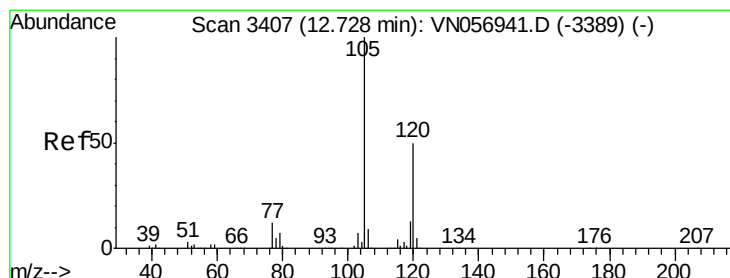
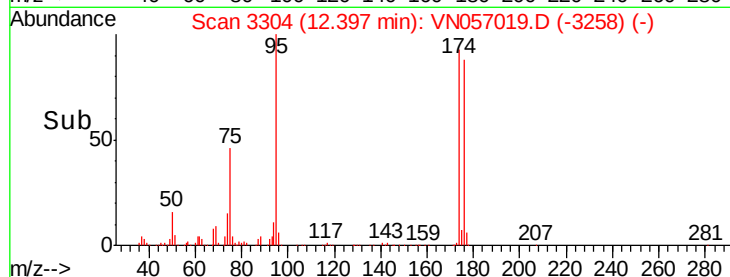
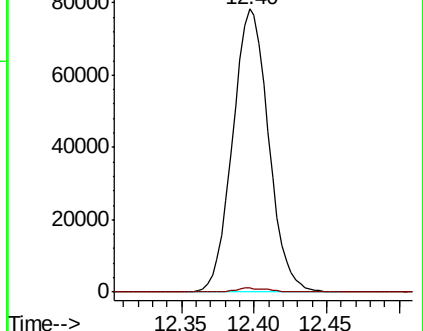
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN056941.D (-3346) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.305 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN057019.D

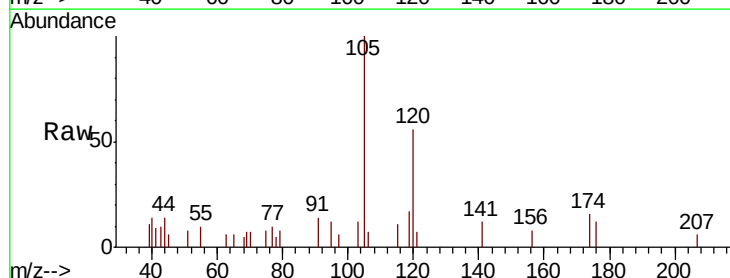
Acq: 31 Jul 2019 17:00

Tgt Ion: 105 Resp: 5232

Ion Ratio Lower Upper

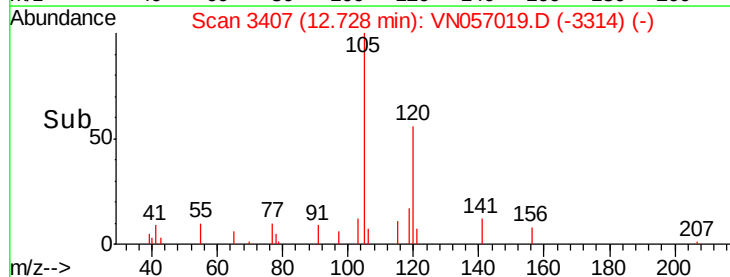
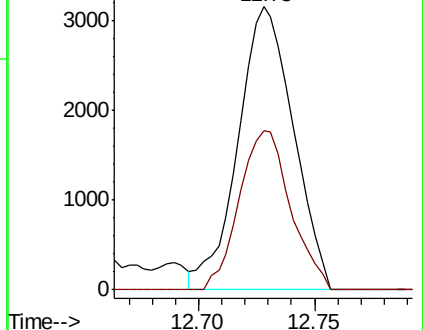
105 100

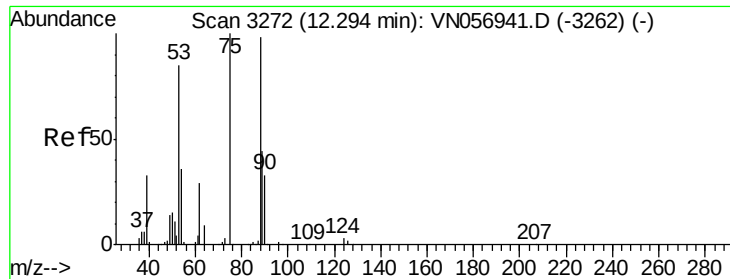
120 52.2 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056941.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN056941.D (-3389) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 88.210 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

HD-01-073019

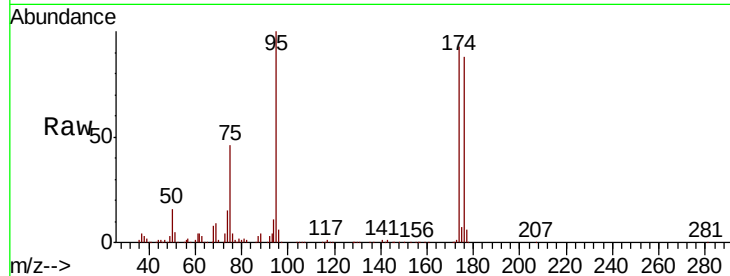
Tot Ion: 75 Resp: 134789

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

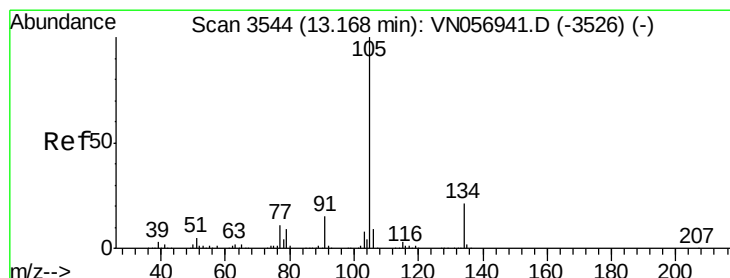
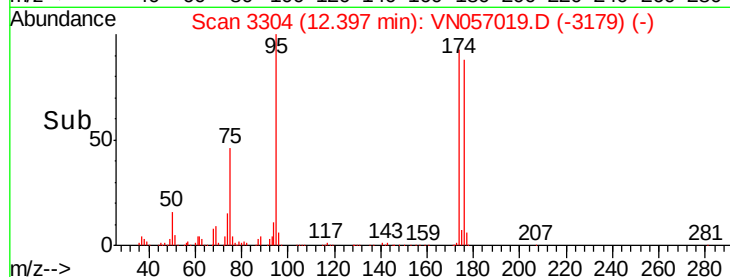
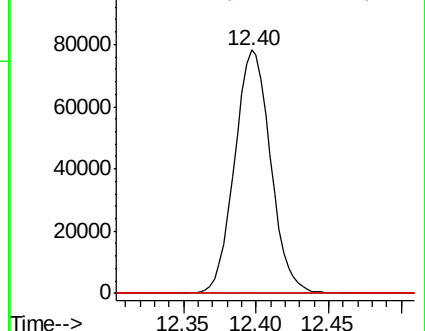
89 0.0 35.8 53.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN056941.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN056941.D (-3262) (-)



#85

sec-Butylbenzene

Concen: 0.223 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057019.D

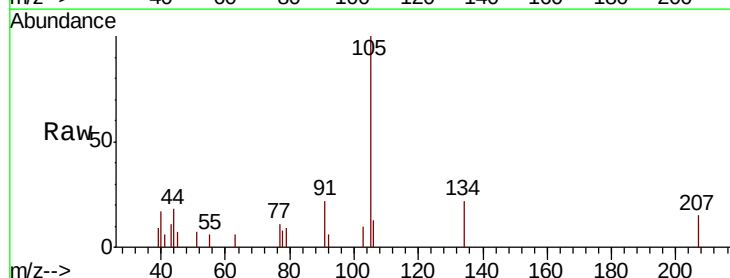
Acq: 31 Jul 2019 17:00

Tgt Ion: 105 Resp: 4369

Ion Ratio Lower Upper

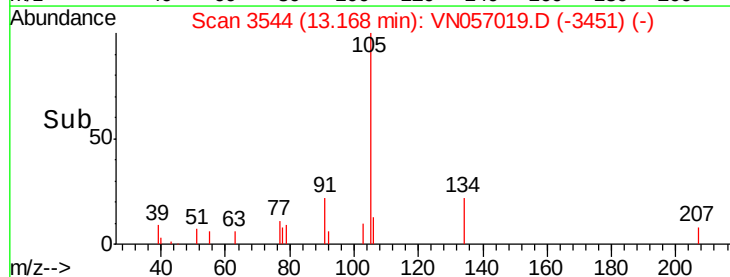
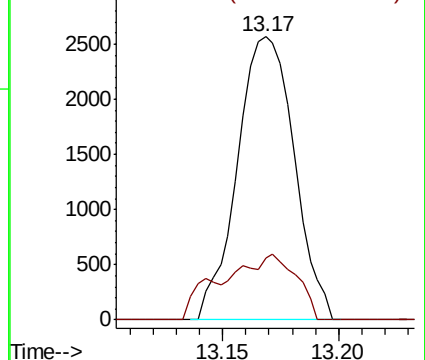
105 100

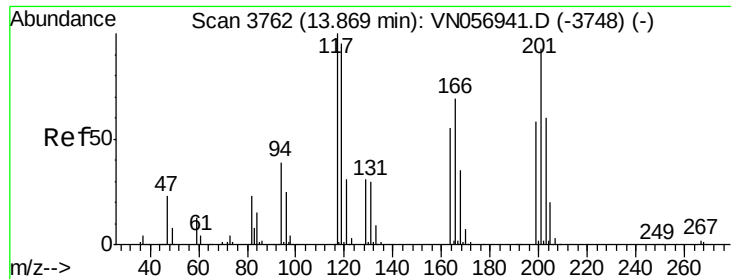
134 23.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): VN056941.D (-3526) (-)

Ion 134.00 (133.70 to 134.70): VN056941.D (-3526) (-)





#90

Hexachloroethane

Concen: 0.899 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.02 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

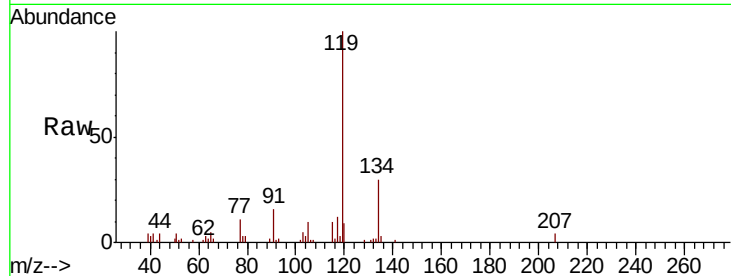
HD-01-073019

Tot Ion:117 Resp: 2692

Ion Ratio Lower Upper

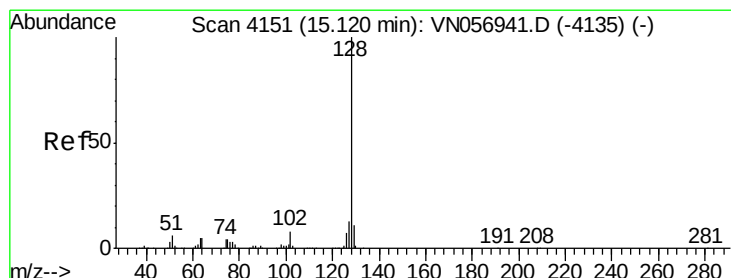
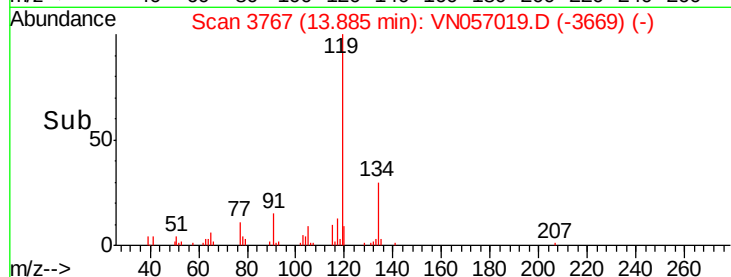
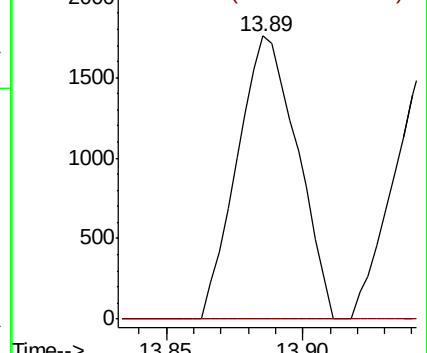
117 100

201 0.0 47.0 141.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.325 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

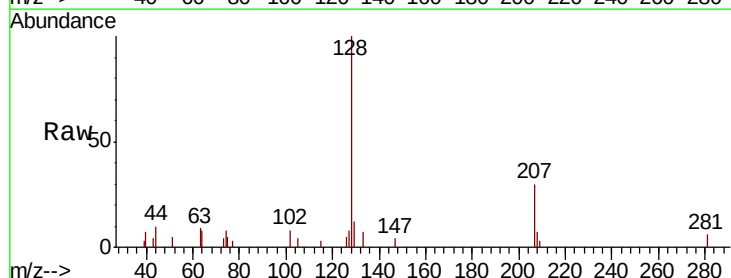
Tgt Ion:128 Resp: 8153

Ion Ratio Lower Upper

128 100

127 9.9 10.0 15.0#

129 12.0 8.7 13.1



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

