

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056497.D
 Acq On : 26 Jun 2019 11:40
 Operator : JC/SP
 Sample : PB120917TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 07:37:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	365777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	620442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	636099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	213534	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	184016	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	10.09	98	789459	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.40	95	260636	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

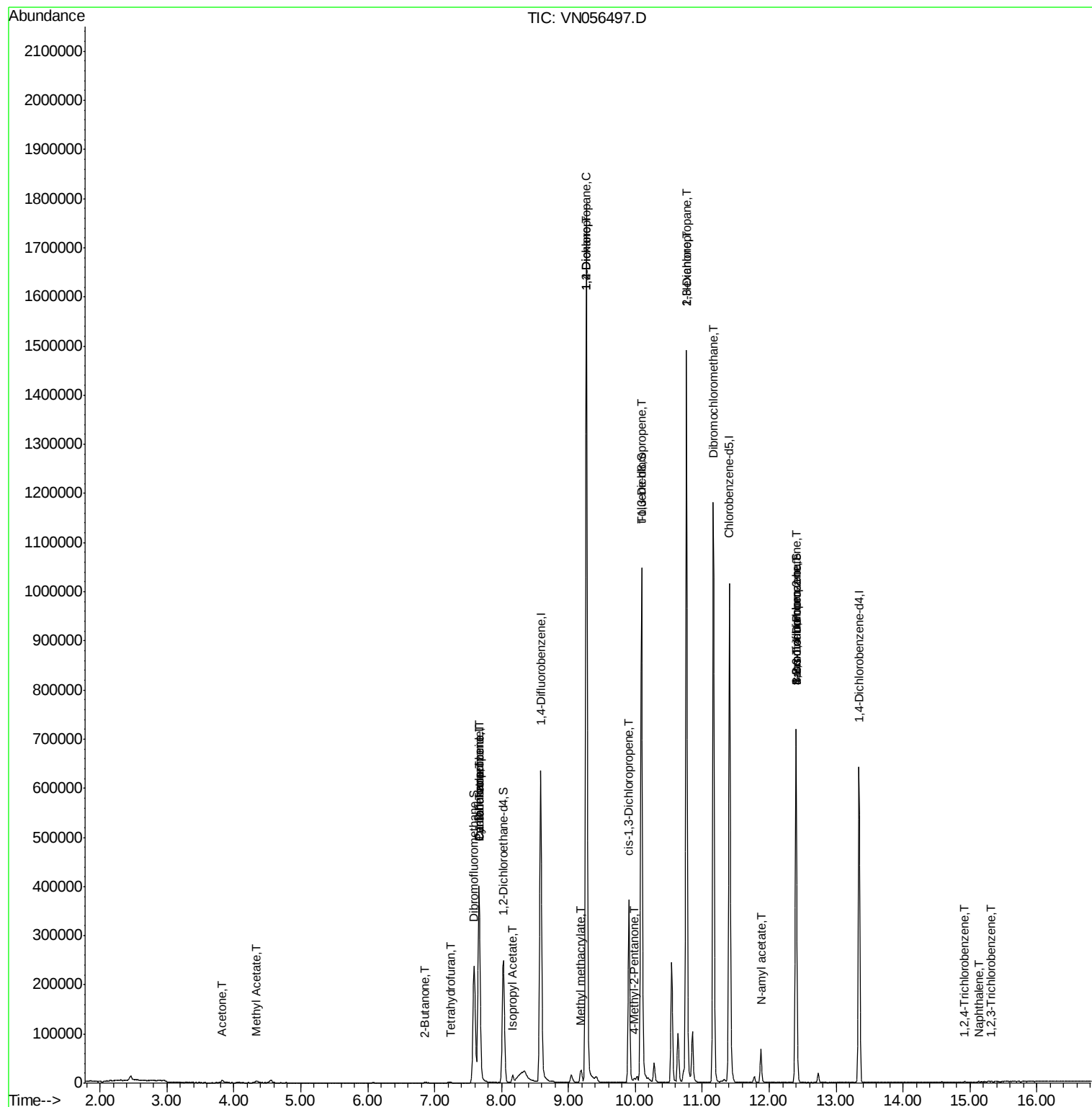
					Qvalue	
16) Acetone	3.82	43	8552	4.211	ug/l	96
18) Methyl Acetate	4.34	43	8384	1.262	ug/l #	76
25) 2-Butanone	6.85	43	878	0.327	ug/l #	49
29) Tetrahydrofuran	7.22	42	1572	0.957	ug/l #	68
31) Cyclohexane	7.66	56	5842	0.933	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23140	4.237	ug/l #	49
38) Carbon Tetrachloride	7.66	117	31588	6.615	ug/l #	15
43) Isopropyl Acetate	8.17	43	17042	2.059	ug/l	93
45) 1,2-Dichloropropane	9.27	63	2081	0.463	ug/l #	43
48) Methyl methacrylate	9.18	41	10129	2.443	ug/l #	12
49) 1,4-Dioxane	9.26	88	158	1.836	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4980	0.932	ug/l	99
53) t-1,3-Dichloropropene	10.09	75	115	2.910	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	70913	11.813	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	15696	2.263	ug/l #	42
59) 2-Hexanone	10.76	43	212622	54.162	ug/l #	51
60) Dibromochloromethane	11.17	129	30	2.389	ug/l #	10
71) Bromoform	12.40	173	1846	3.639	ug/l #	1
73) Isopropylbenzene	12.26	105	139	Below Cal	#	48
74) N-amyl acetate	11.88	43	21531	3.625	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	120791	31.213	ug/l #	100
79) 2-Chlorotoluene	12.67	91	63	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	10867	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	120791	110.935	ug/l #	8
83) tert-Butylbenzene	12.99	119	66	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.91	180	300	5.696	ug/l #	68
94) Hexachlorobutadiene	15.01	225	95	Below Cal	#	18
95) Naphthalene	15.14	128	968	5.346	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	481	4.611	ug/l #	60

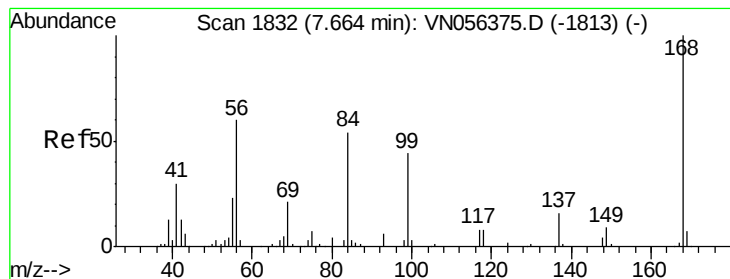
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 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: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

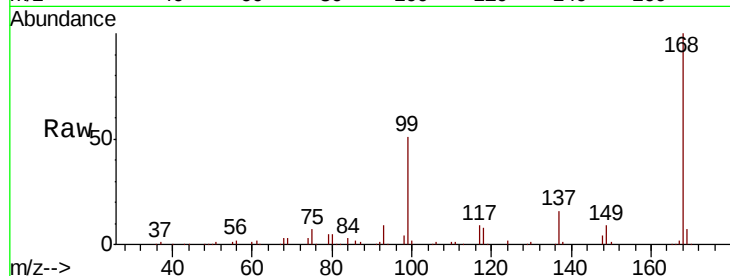
ClientSampleId :

Tot Ion:168 Resp: 365777

Ion Ratio Lower Upper

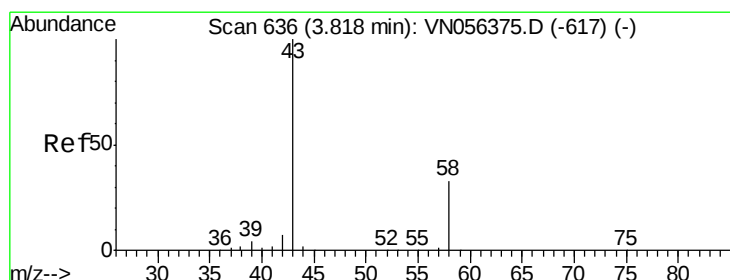
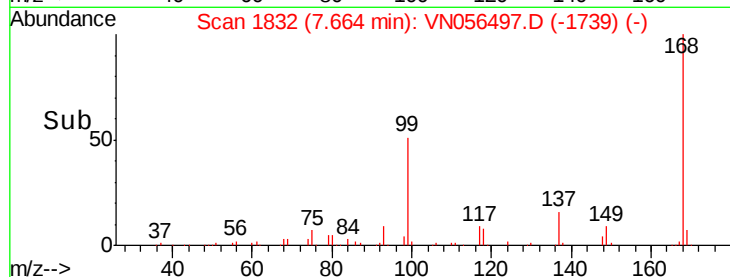
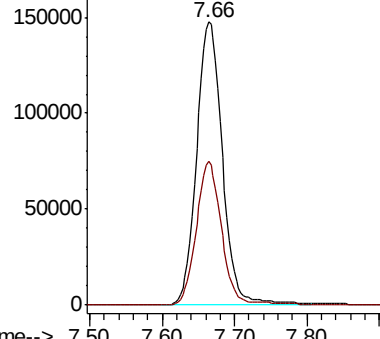
168 100

99 50.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 4.211 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056497.D

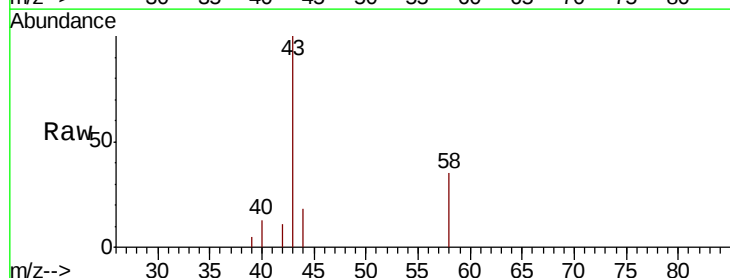
Acq: 26 Jun 2019 11:40

Tgt Ion: 43 Resp: 8552

Ion Ratio Lower Upper

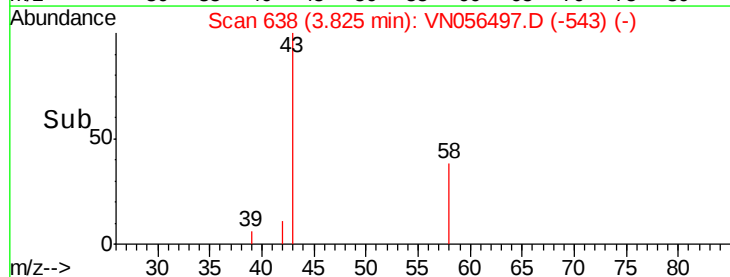
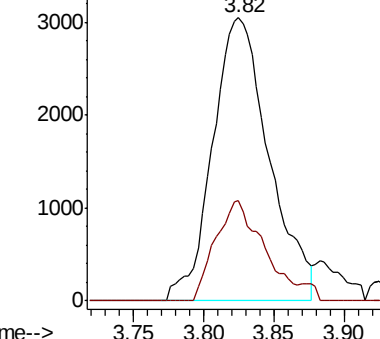
43 100

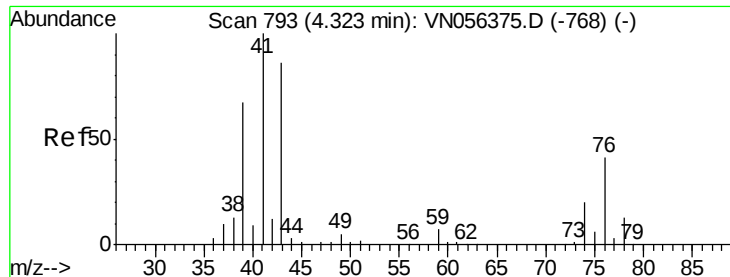
58 35.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#18

Methyl Acetate

Concen: 1.262 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

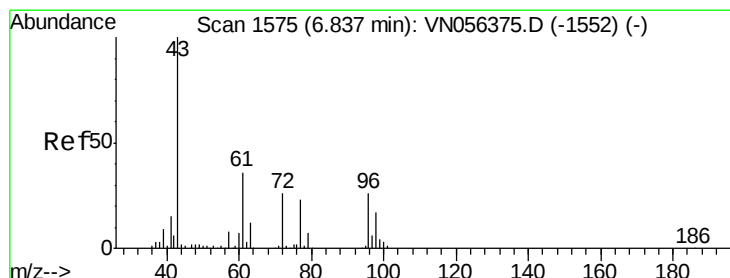
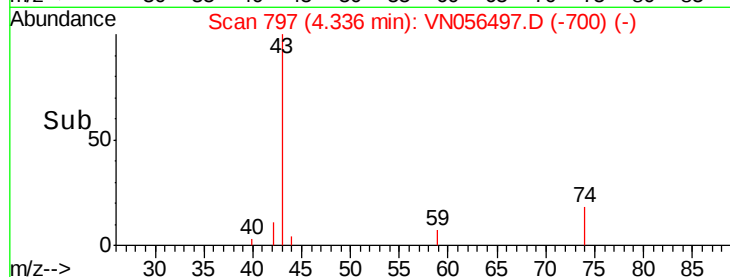
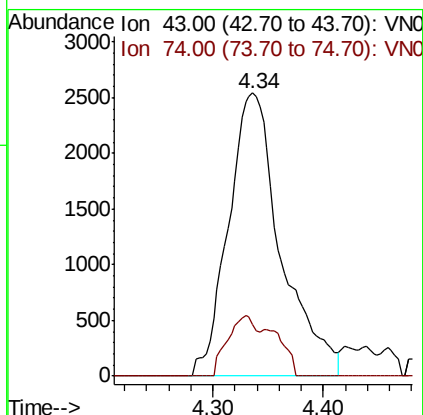
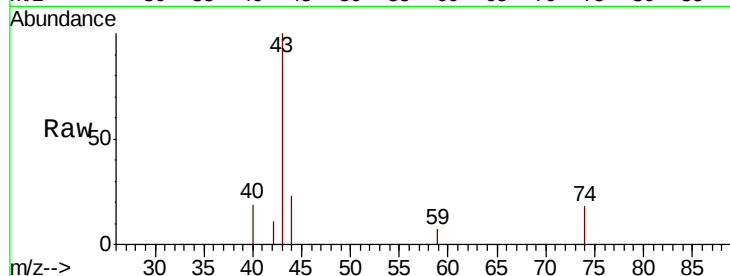
ClientSampled :

Tot Ion: 43 Resp: 8384

Ion Ratio Lower Upper

43 100

74 12.0 19.2 28.8#



#25

2-Butanone

Concen: 0.327 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN056497.D

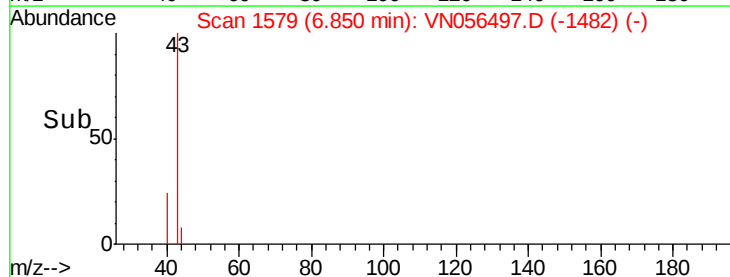
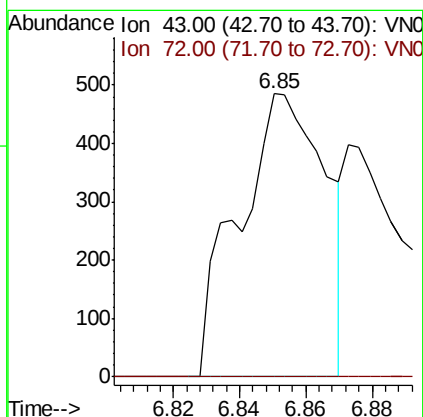
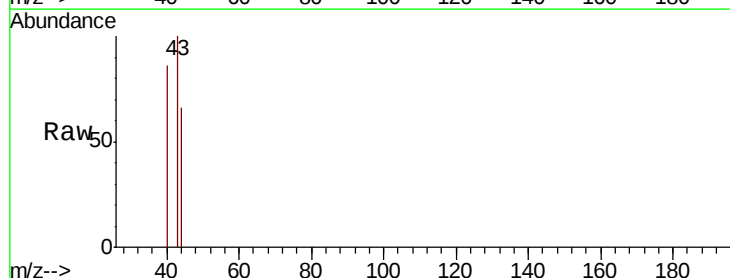
Acq: 26 Jun 2019 11:40

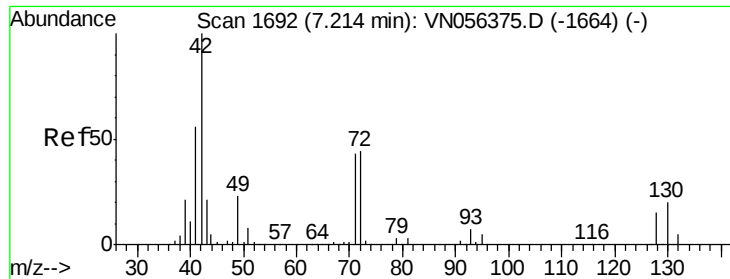
Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#





#29

Tetrahydrofuran

Concen: 0.957 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

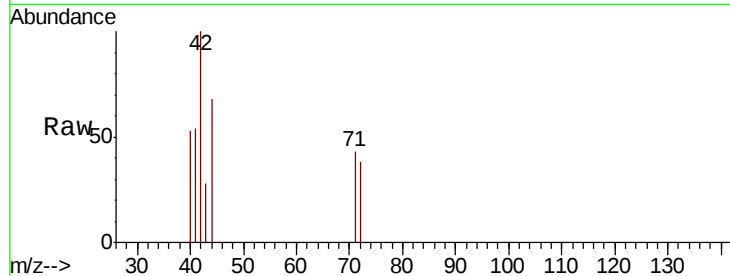
Tot Ion: 42 Resp: 1572

Ion Ratio Lower Upper

42 100

72 27.0 34.7 52.1#

71 16.7 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.22

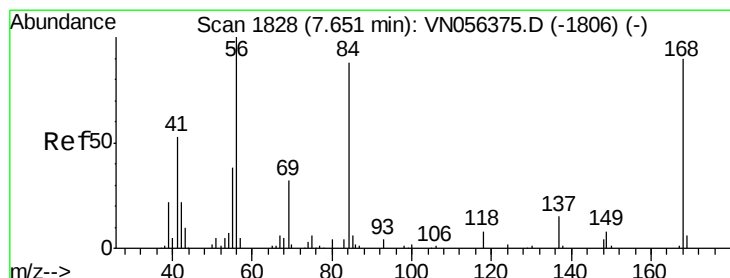
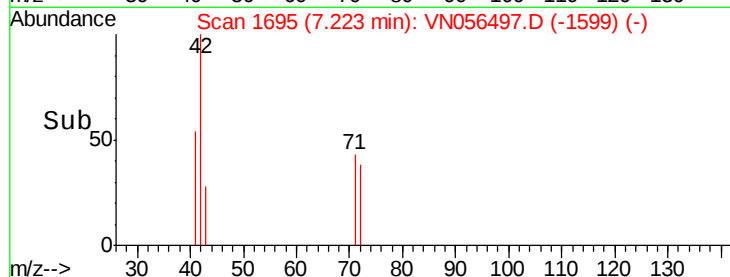
600

400

200

0

Time--> 7.15 7.20 7.25 7.30



#31

Cyclohexane

Concen: 0.933 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

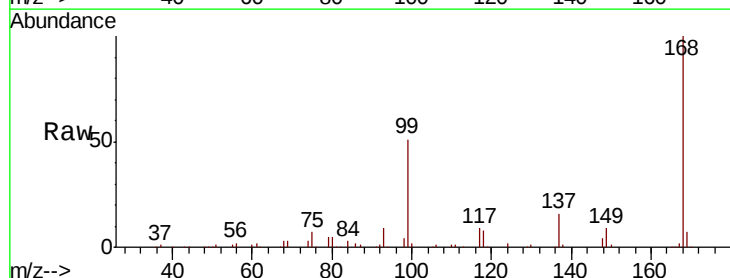
Tgt Ion: 56 Resp: 5842

Ion Ratio Lower Upper

56 100

69 193.0 25.8 38.6#

84 174.0 69.4 104.0#



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

7.66

6000

5000

4000

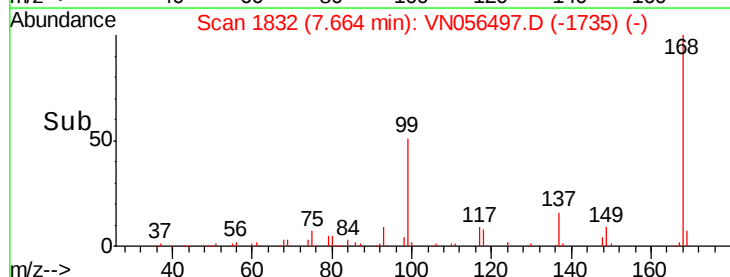
3000

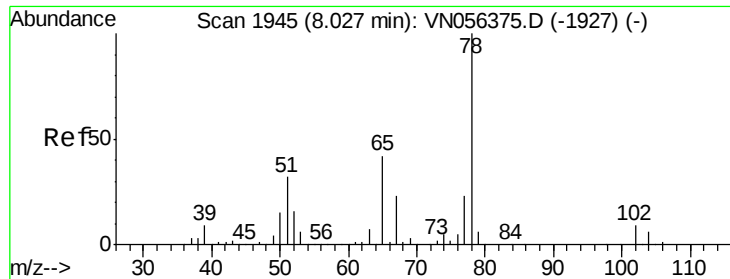
2000

1000

0

Time--> 7.60 7.65 7.70

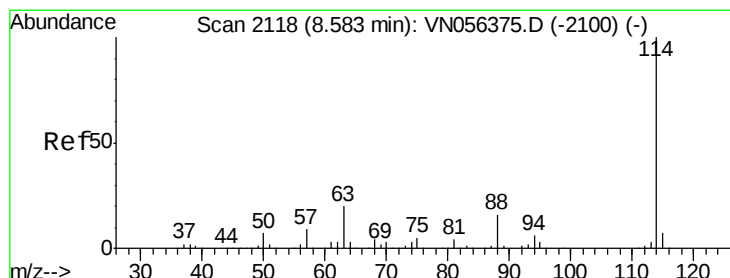
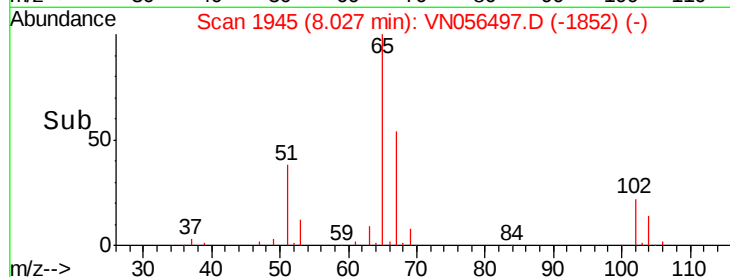
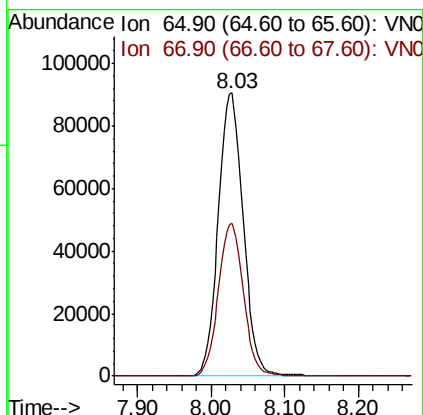
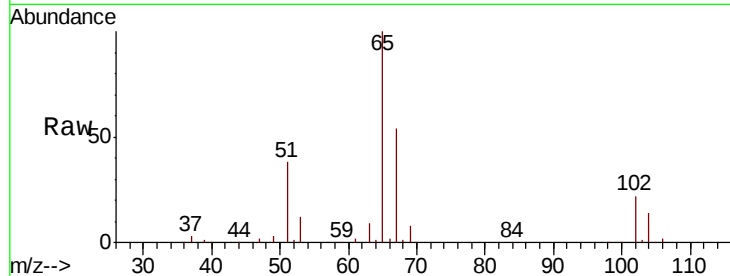




#33
 1,2-Dichloroethane-d4
 Concen: 52.673 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

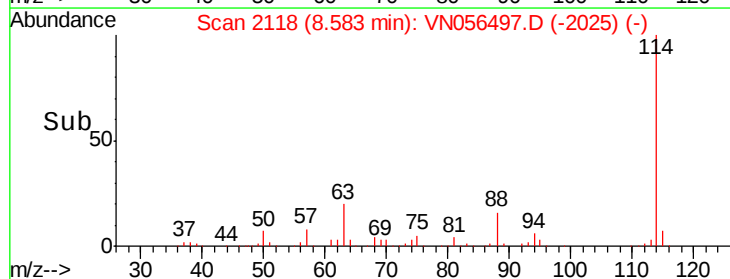
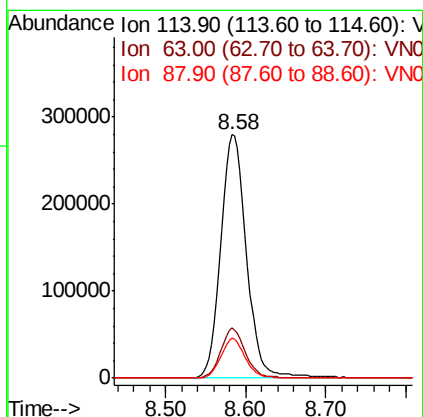
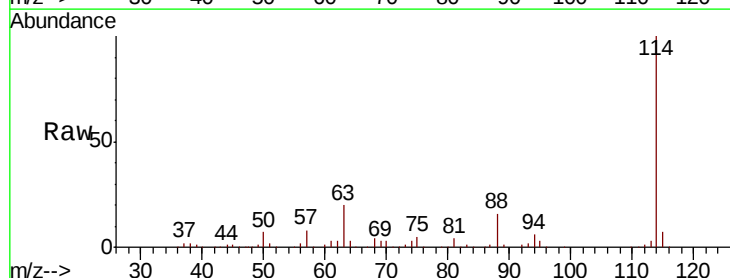
Instrument :
 MSVOA_N
 ClientSampleId :

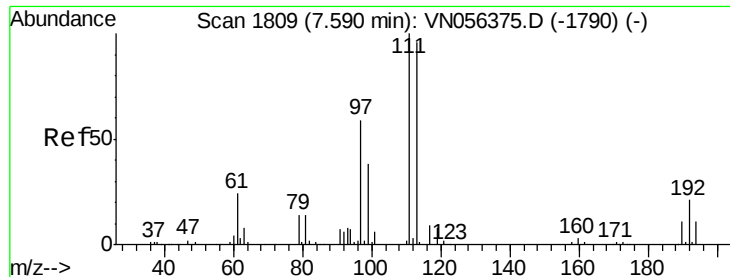
Tot Ion: 65 Resp: 213534
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Tgt Ion: 114 Resp: 620442
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 16.3 0.0 31.4

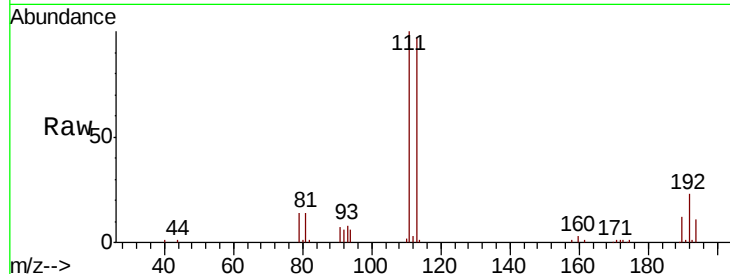




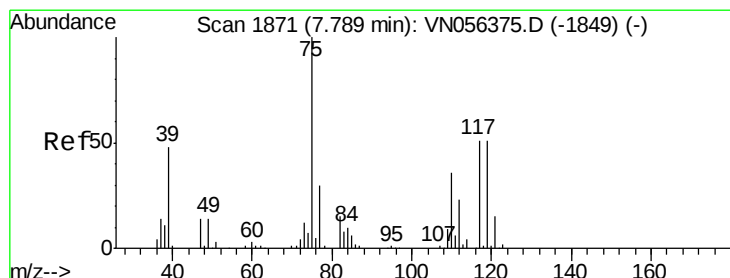
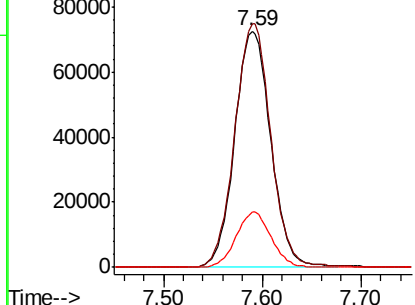
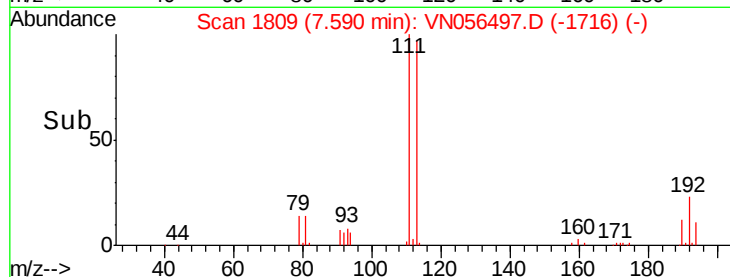
#35
 Dibromofluoromethane
 Concen: 47.543 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	22.6	17.7	26.5

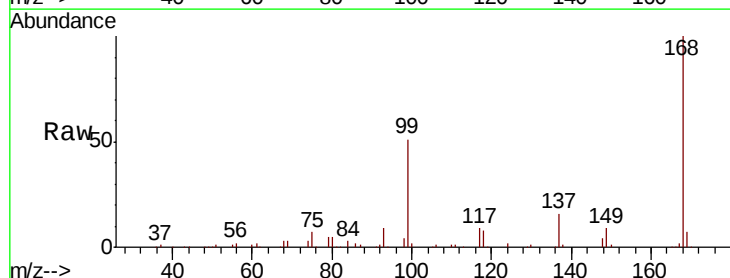


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

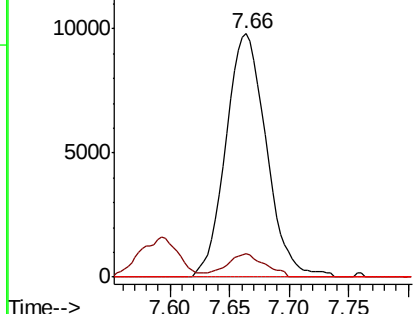
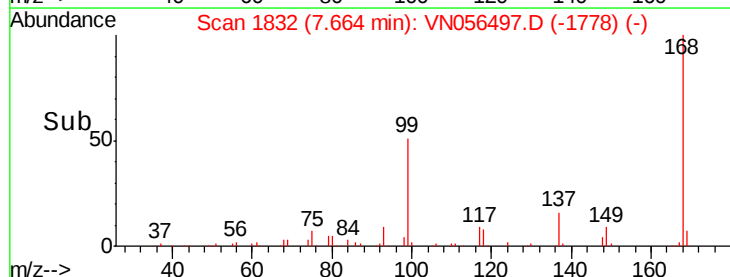


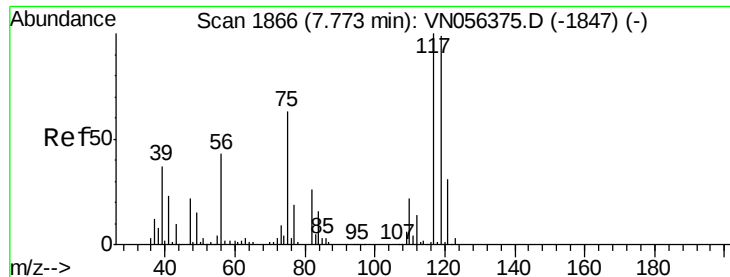
#36
 1,1-Dichloropropene
 Concen: 4.237 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	24.6	36.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.615 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

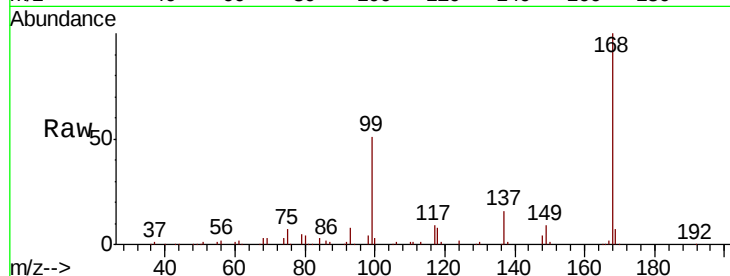
Tot Ion:117 Resp: 31588

Ion Ratio Lower Upper

117 100

119 5.9 79.1 118.7#

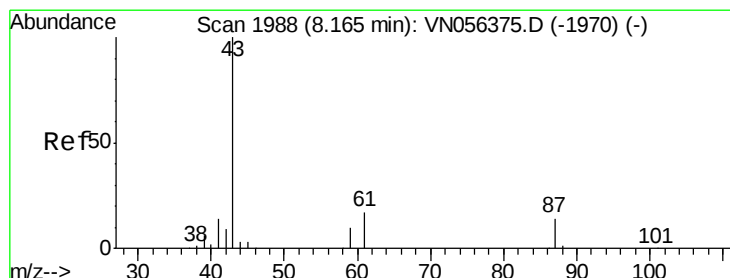
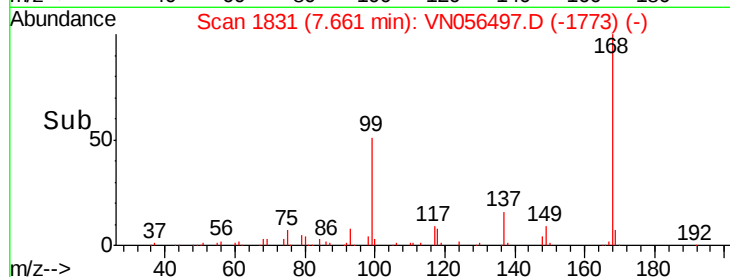
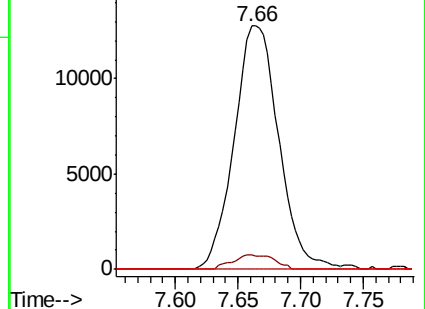
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.059 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

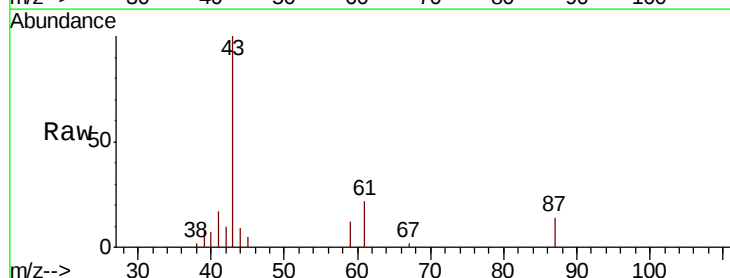
Tgt Ion: 43 Resp: 17042

Ion Ratio Lower Upper

43 100

61 22.8 22.0 33.0

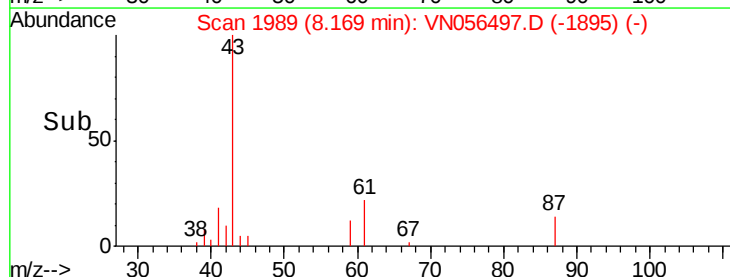
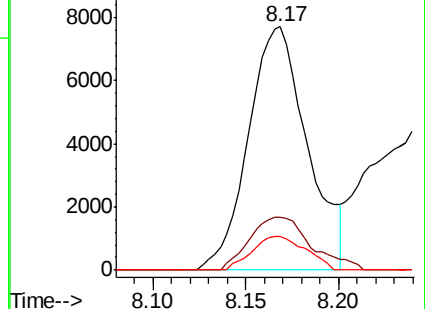
87 12.6 11.0 16.4

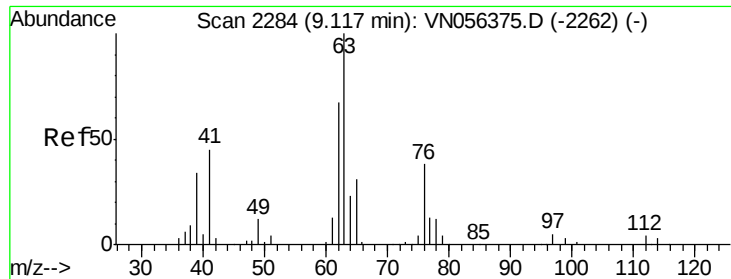


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

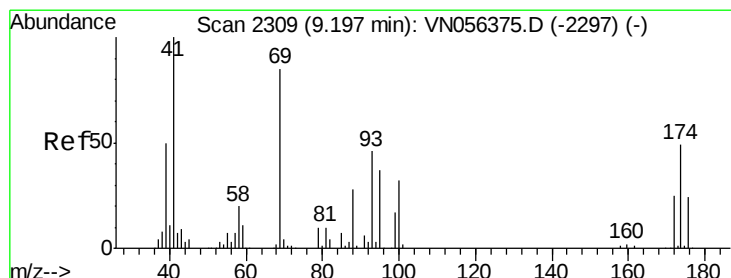
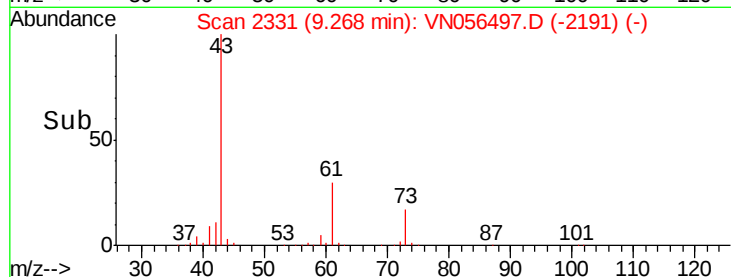
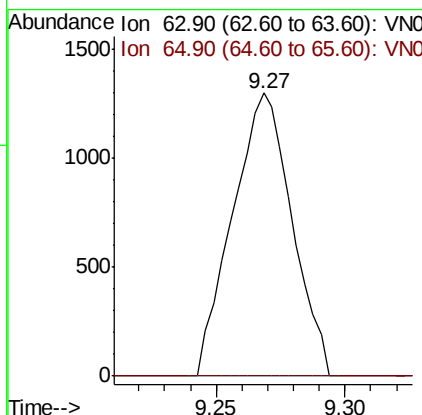
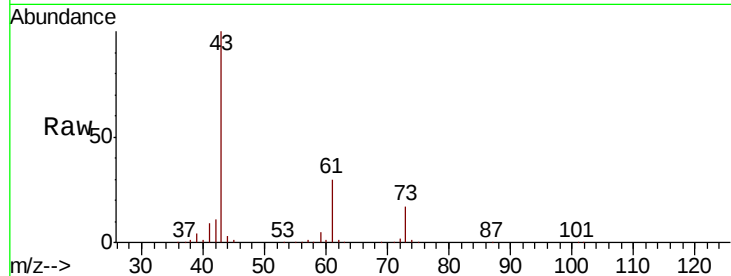




#45
 1,2-Dichloropropane
 Concen: 0.463 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

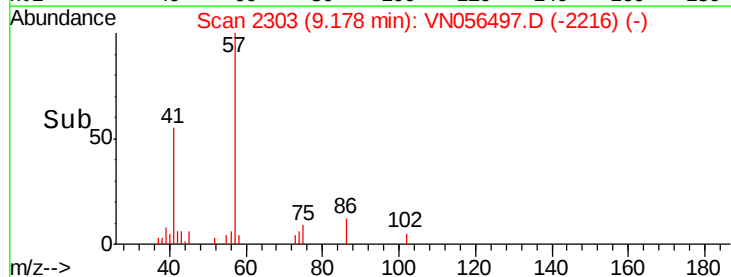
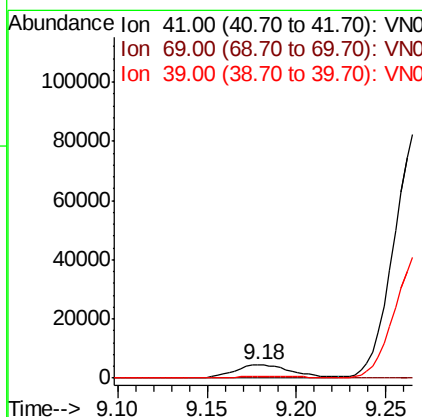
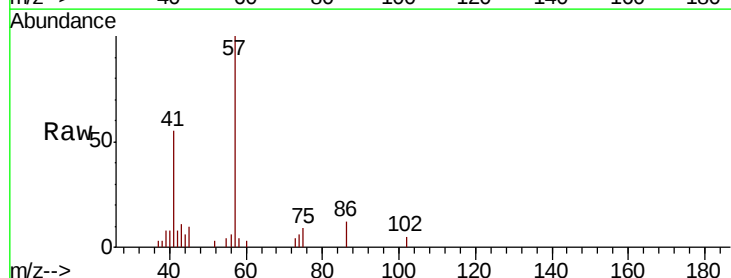
Instrument :
 MSVOA_N
 ClientSampled :

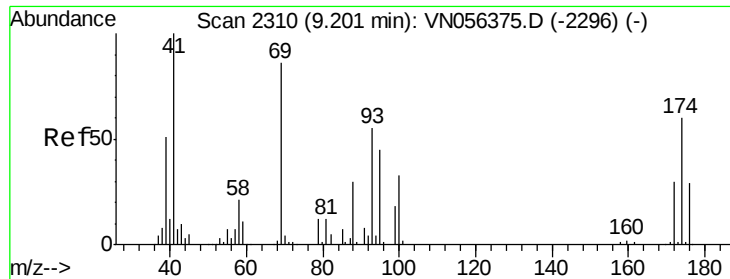
Tot Ion: 63 Resp: 2081
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 2.443 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Tgt Ion: 41 Resp: 10129
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 0.0 42.6 63.8#





#49

1,4-Dioxane

Concen: 1.836 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :

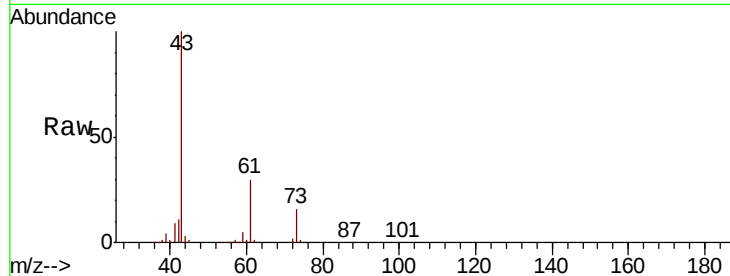
Tot Ion: 88 Resp: 158

Ion Ratio Lower Upper

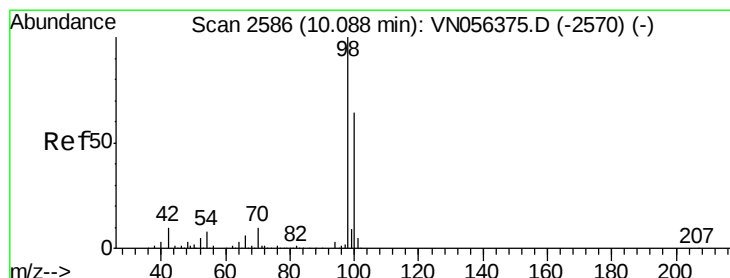
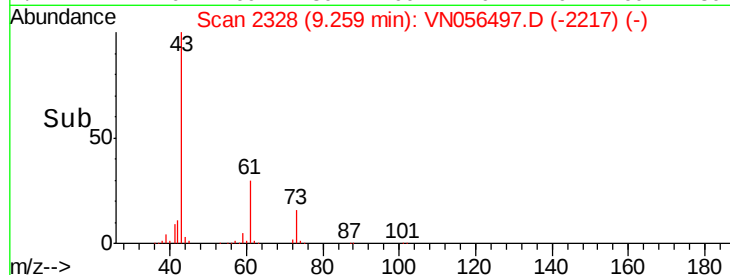
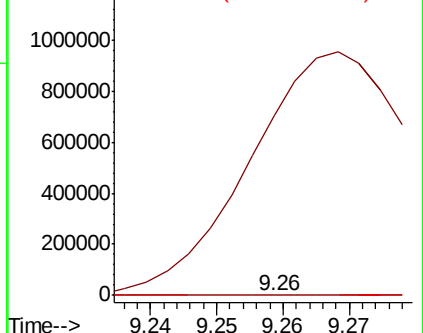
88 100

43 1115465.8 22.0 33.0#

58 4829.1 51.8 77.8#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO



#50

Toluene-d8

Concen: 52.419 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056497.D

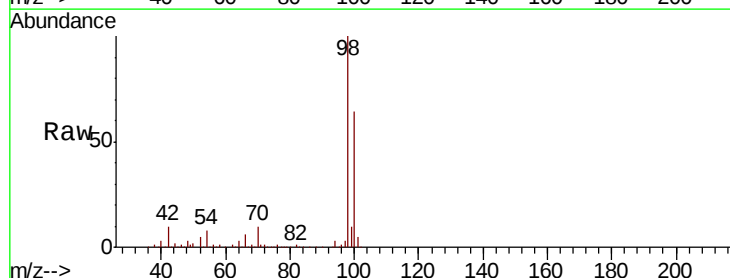
Acq: 26 Jun 2019 11:40

Tgt Ion: 98 Resp: 789459

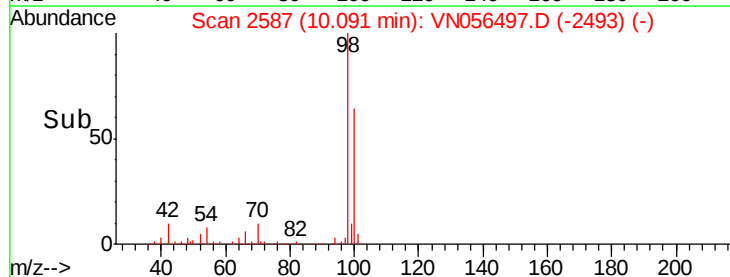
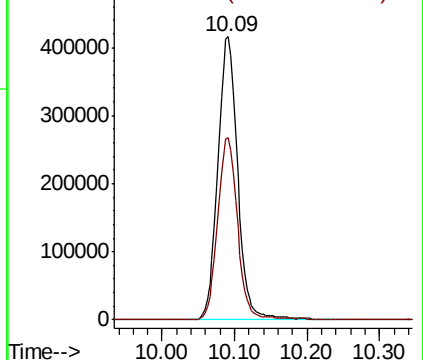
Ion Ratio Lower Upper

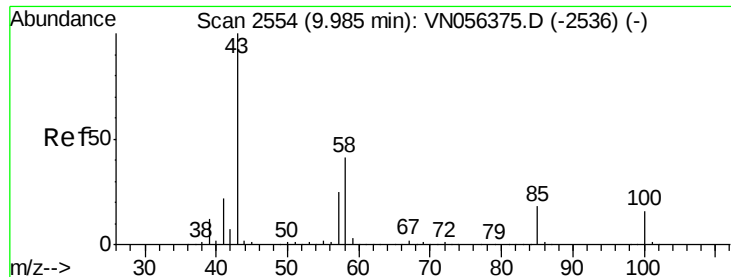
98 100

100 64.4 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 0.932 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

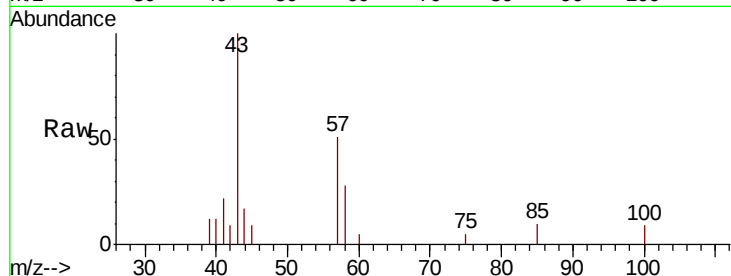
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4980

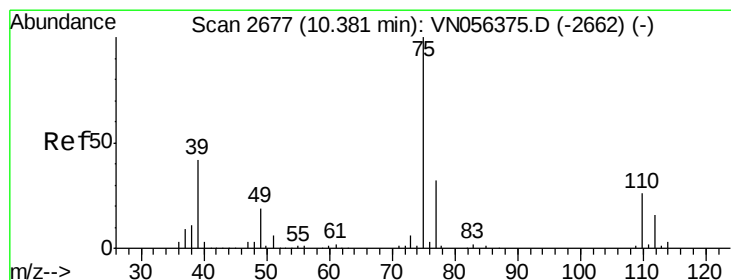
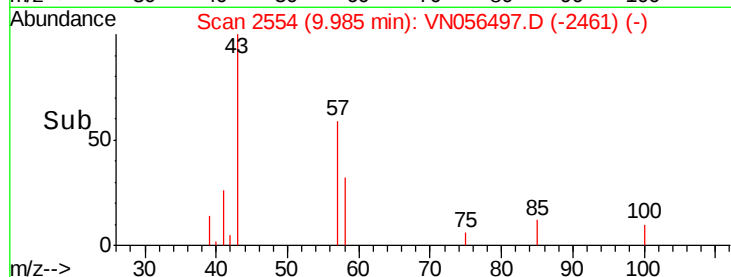
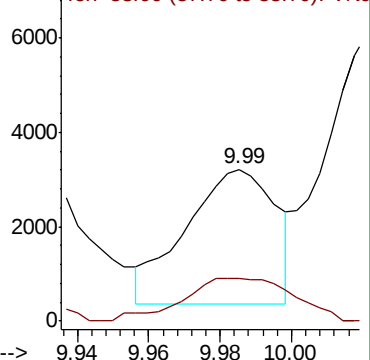
Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.8



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



#53

t-1,3-Dichloropropene

Concen: 2.910 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. -0.29 min

Lab File: VN056497.D

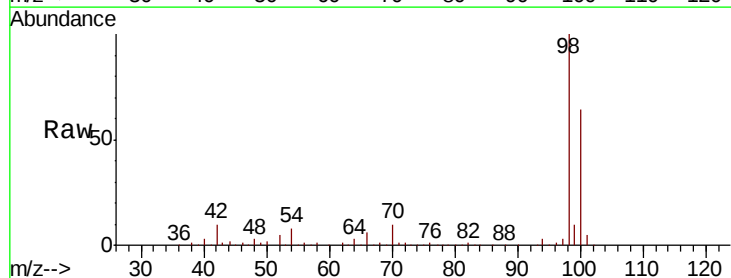
Acq: 26 Jun 2019 11:40

Tgt Ion: 75 Resp: 115

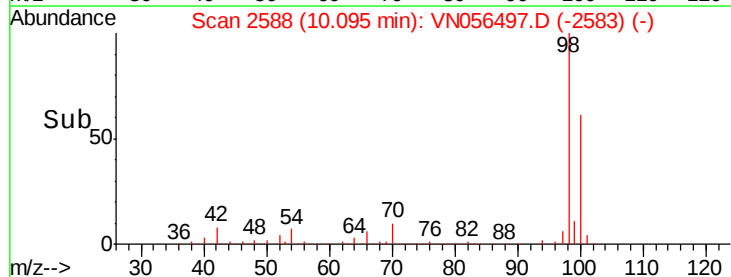
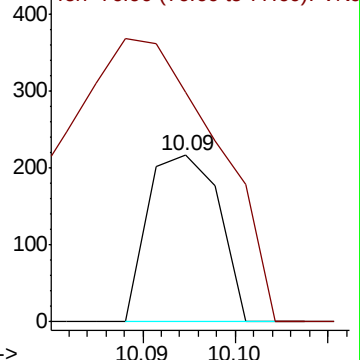
Ion Ratio Lower Upper

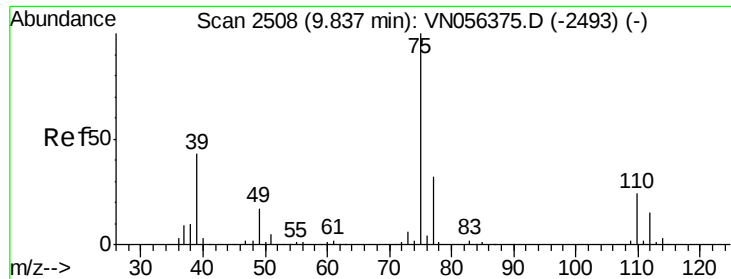
75 100

77 137.8 25.4 38.2#



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

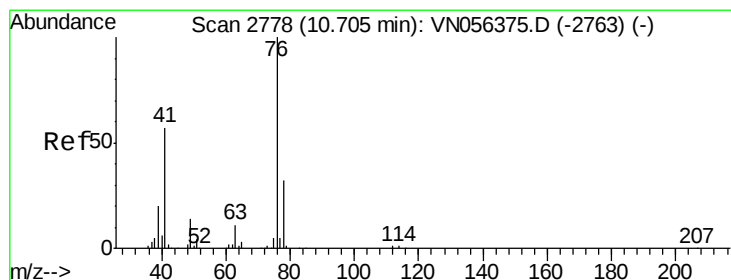
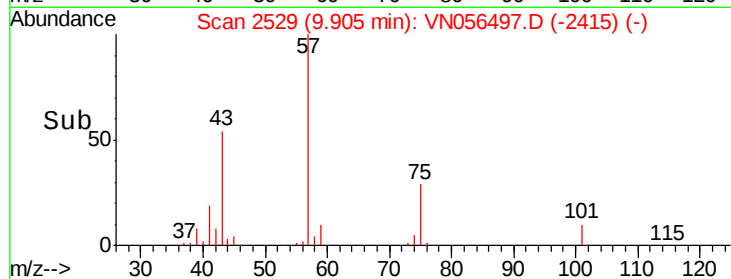
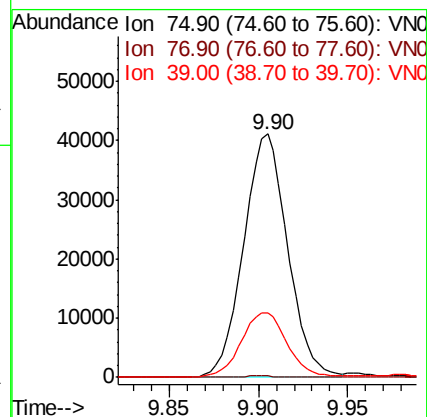
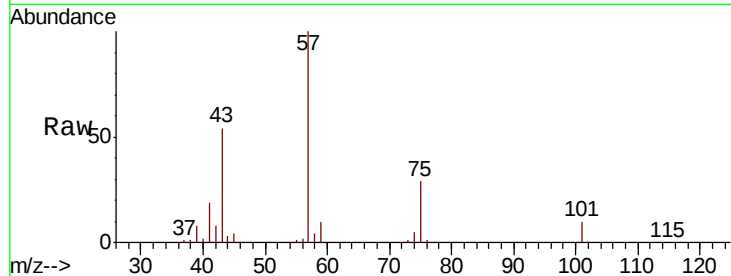




#54
 cis-1,3-Dichloropropene
 Concen: 11.813 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

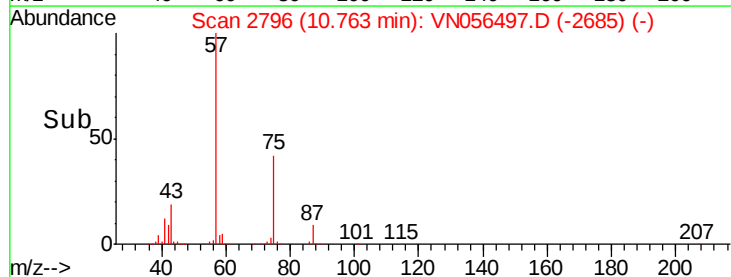
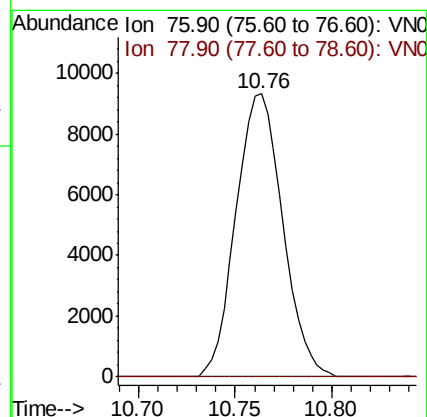
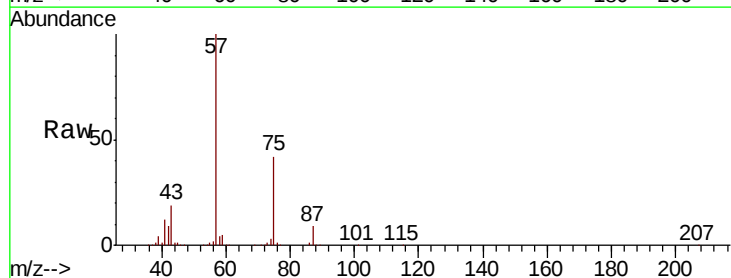
Instrument :
 MSVOA_N
 ClientSampled :

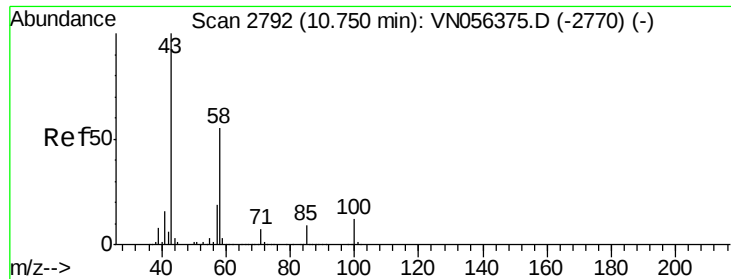
Tot Ion: 75 Resp: 70913
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.2 37.8#
 39 26.5 34.2 51.4#



#57
 1,3-Dichloropropane
 Concen: 2.263 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Tgt Ion: 76 Resp: 15696
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

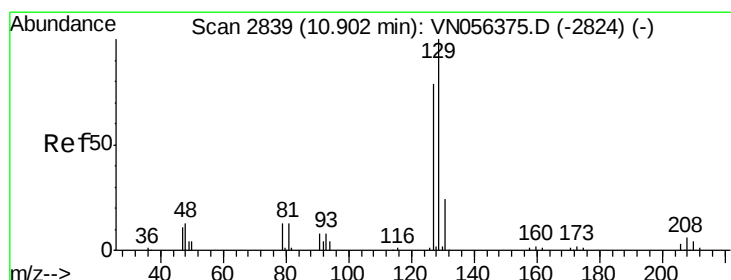
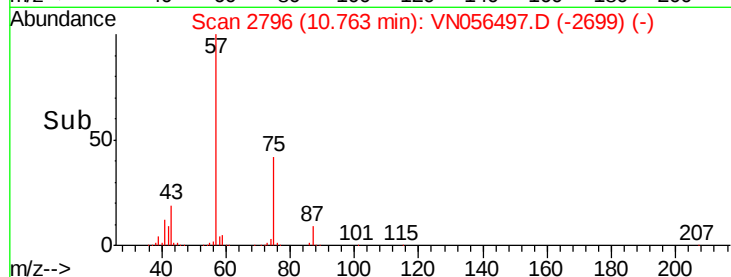
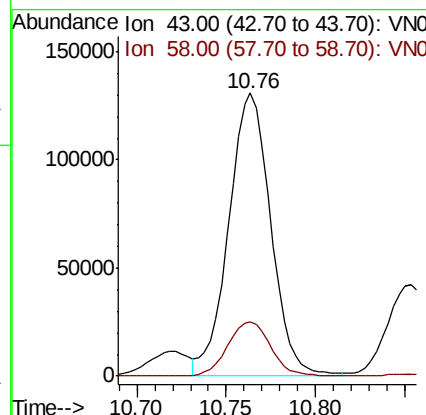
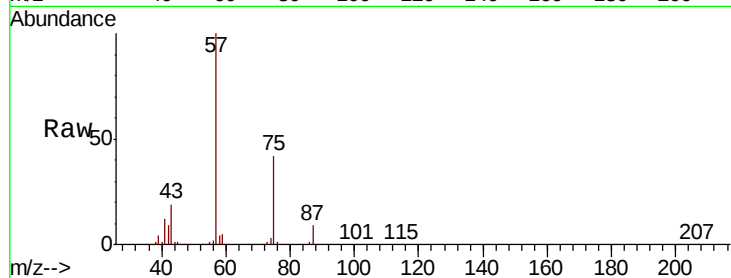




#59
2-Hexanone
Concen: 54.162 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056497.D
Acq: 26 Jun 2019 11:40

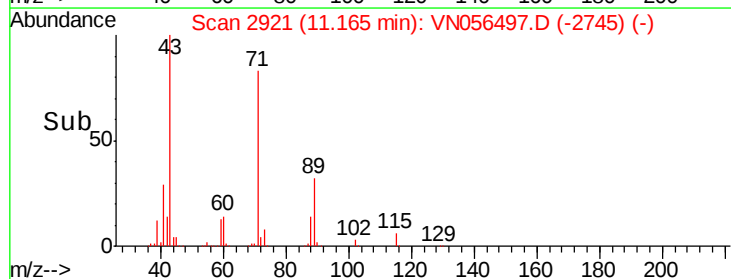
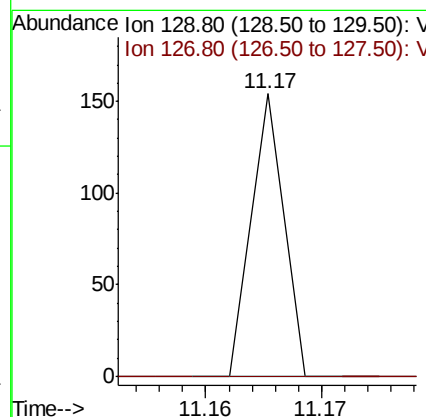
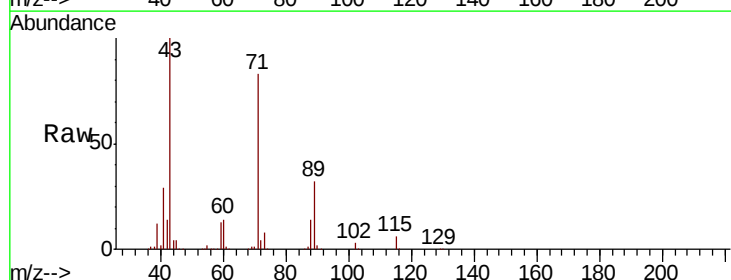
Instrument :
MSVOA_N
ClientSampled :

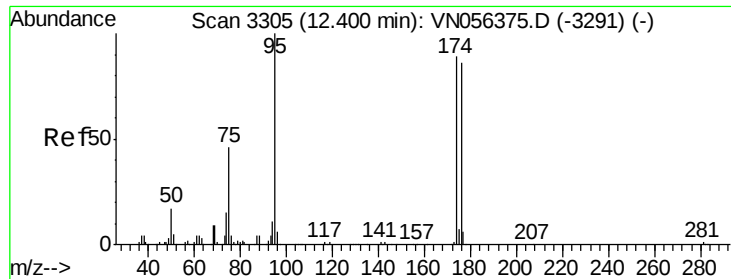
Tot Ion: 43 Resp: 212622
Ion Ratio Lower Upper
43 100
58 19.8 27.8 83.4#



#60
Dibromochloromethane
Concen: 2.389 ug/l
RT: 11.17 min Scan# 2921
Delta R.T. 0.26 min
Lab File: VN056497.D
Acq: 26 Jun 2019 11:40

Tgt Ion: 129 Resp: 30
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 51.914 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

ClientSampled :

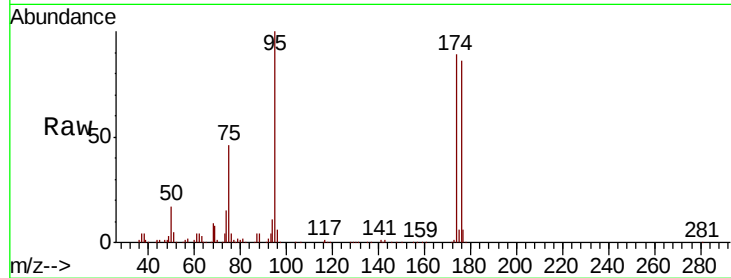
Tot Ion: 95 Resp: 260636

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.4

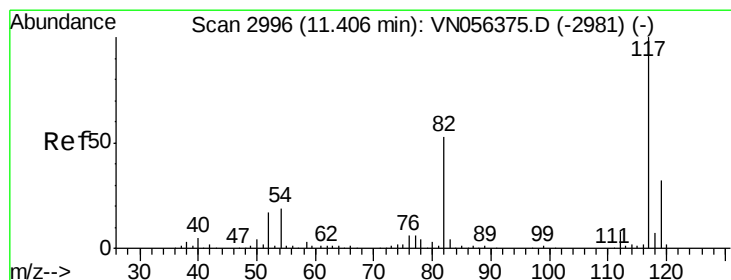
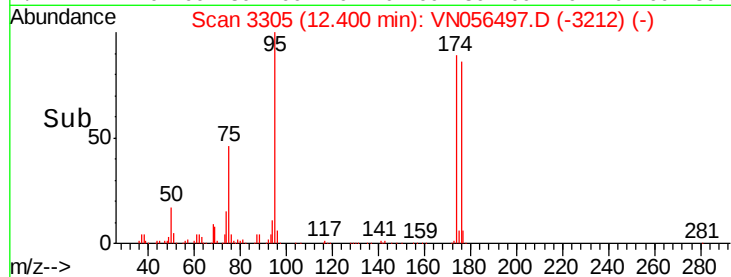
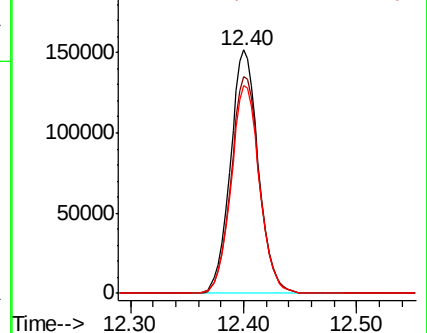
176 86.5 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

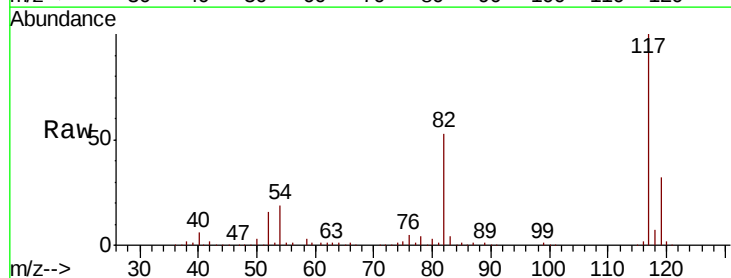
Tgt Ion: 117 Resp: 636099

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

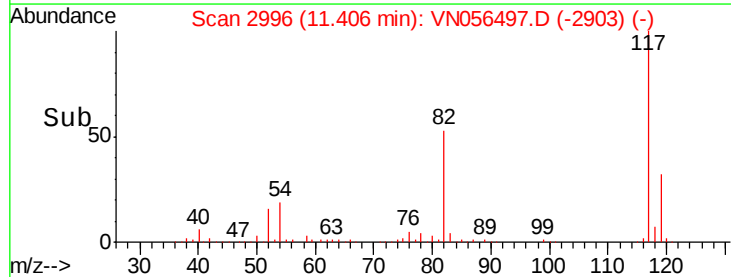
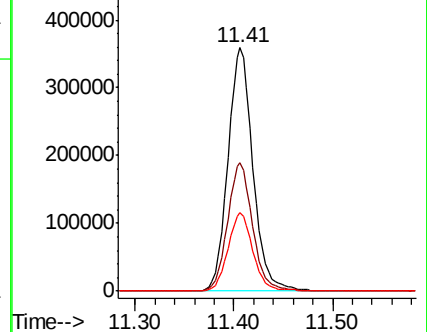
119 32.2 25.3 37.9

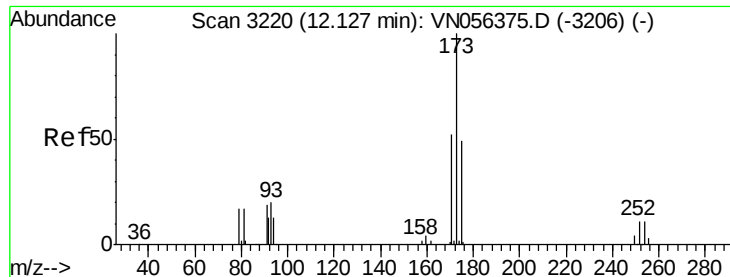


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#71

Bromoform

Concen: 3.639 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

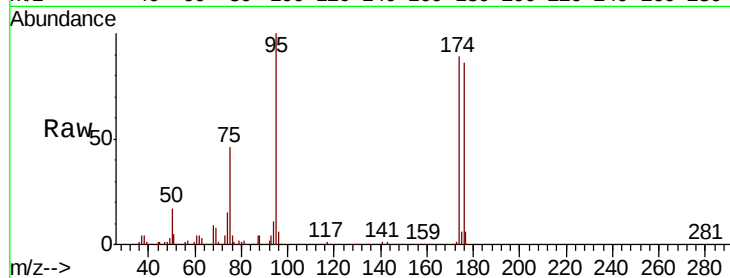
Tot Ion:173 Resp: 1846

Ion Ratio Lower Upper

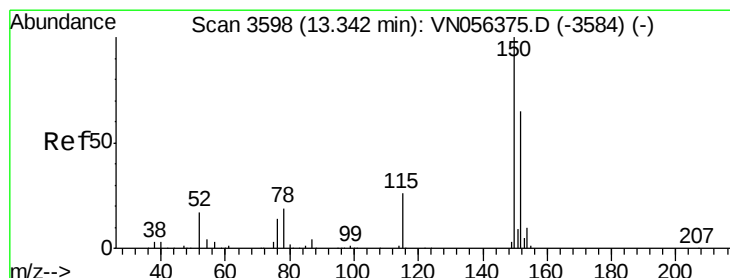
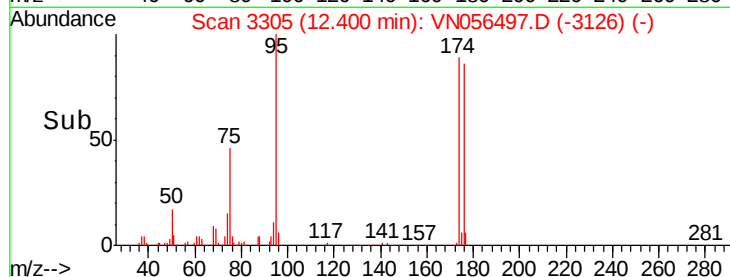
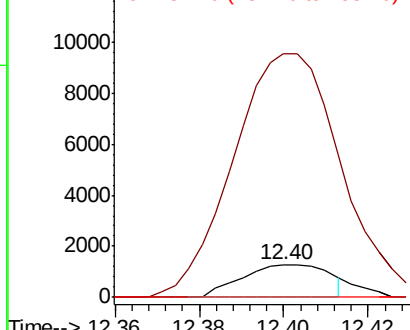
173 100

175 808.3 24.4 73.4#

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: VN056497.D

Acq: 26 Jun 2019 11:40

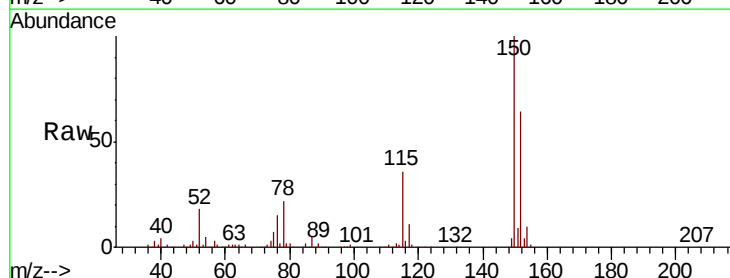
Tgt Ion:152 Resp: 186635

Ion Ratio Lower Upper

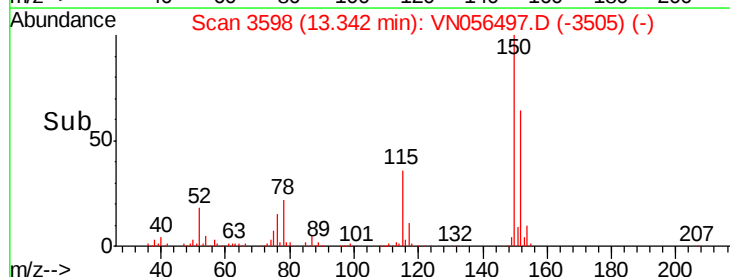
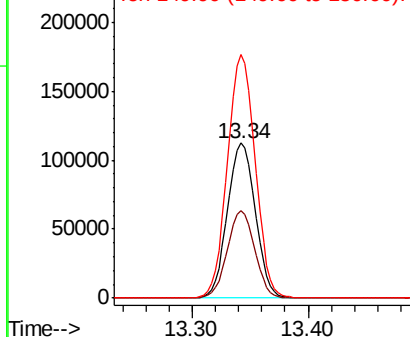
152 100

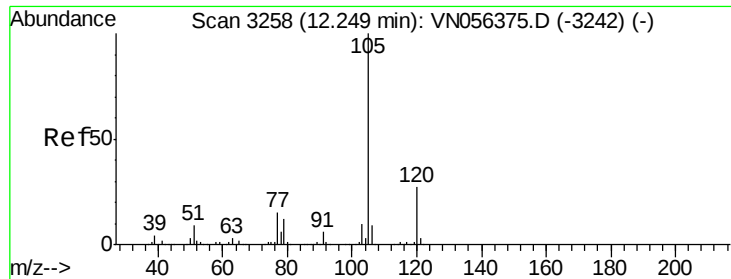
115 55.1 28.1 84.4

150 156.3 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

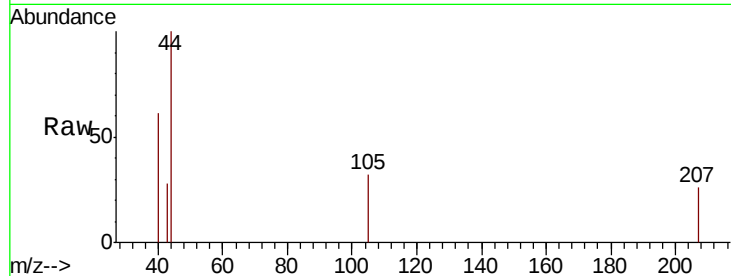
ClientSampleId :

Tot Ion:105 Resp: 139

Ion Ratio Lower Upper

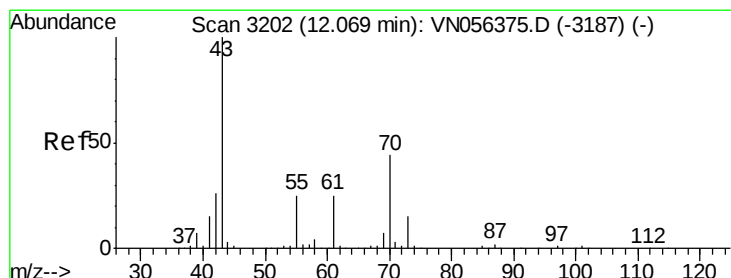
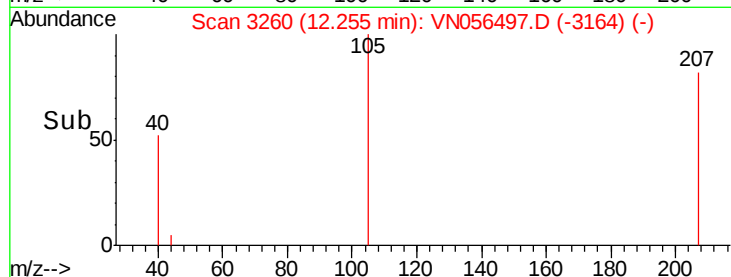
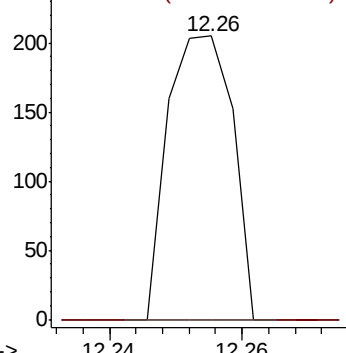
105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3.625 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Tgt Ion: 43 Resp: 21531

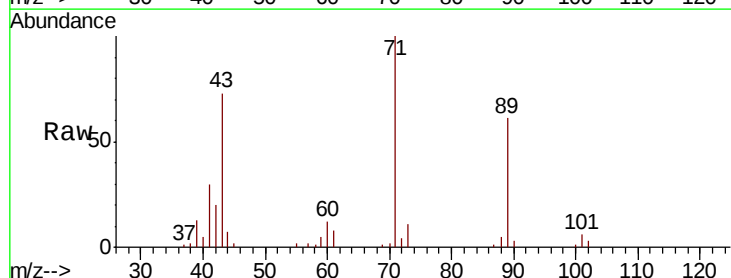
Ion Ratio Lower Upper

43 100

70 1.4 34.9 52.3#

55 3.2 20.4 30.6#

61 10.4 19.8 29.8#

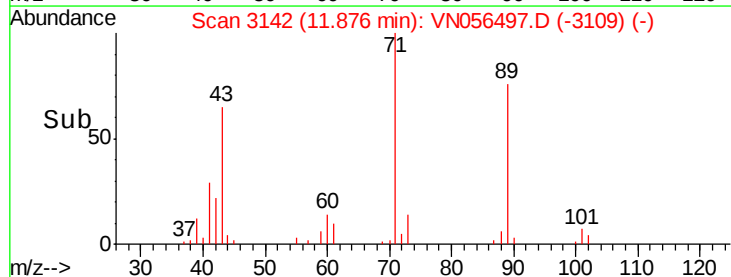
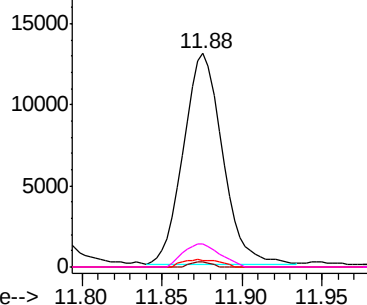


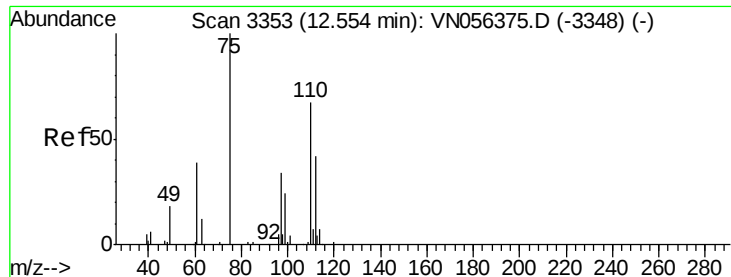
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

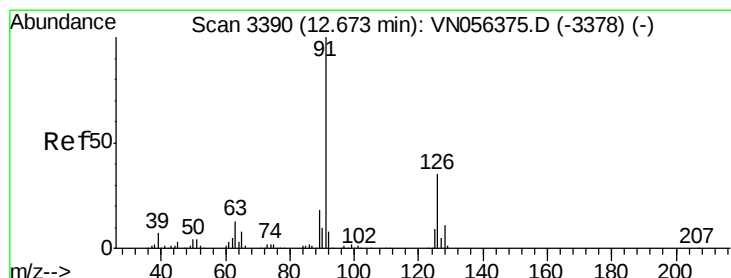
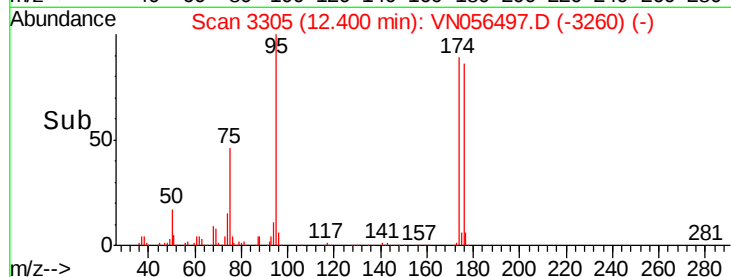
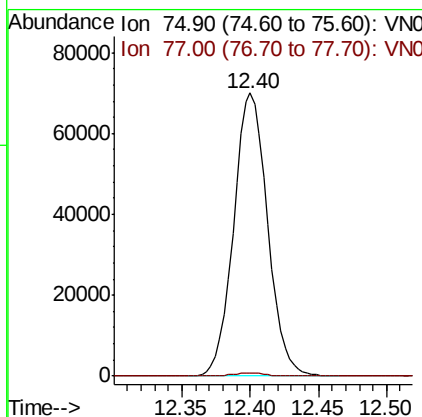
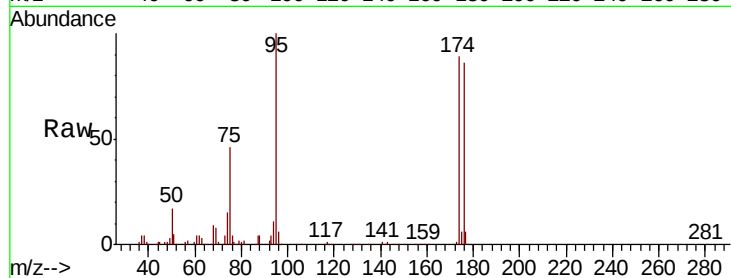




#76
 1,2,3-Trichloropropane
 Concen: 31.213 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

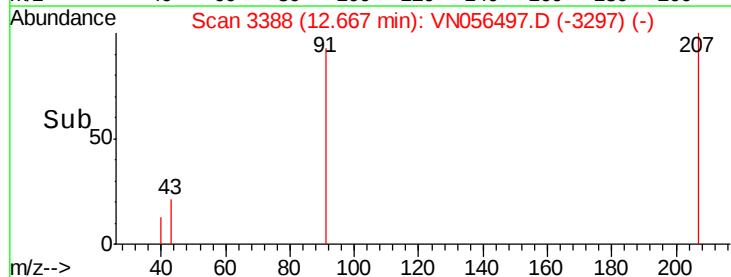
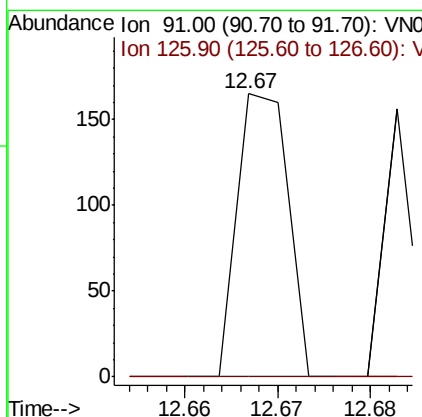
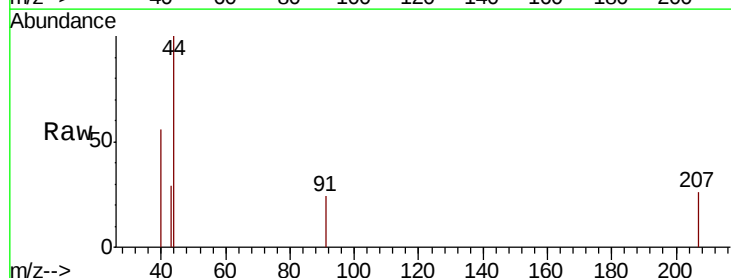
Instrument :
 MSVOA_N
 ClientSampled :

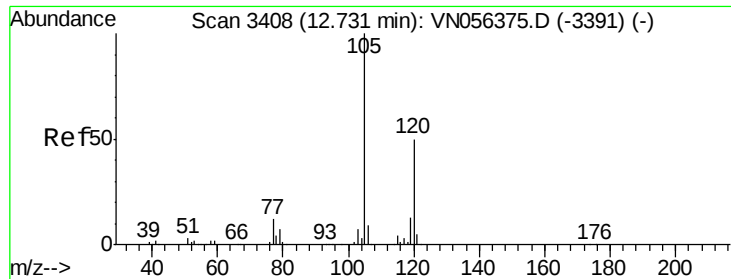
Tot Ion: 75 Resp: 120791
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Tgt Ion: 91 Resp: 63
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.8#





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

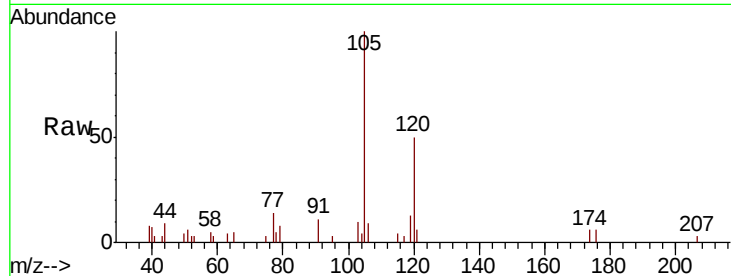
ClientSampleId :

Tot Ion:105 Resp: 10867

Ion Ratio Lower Upper

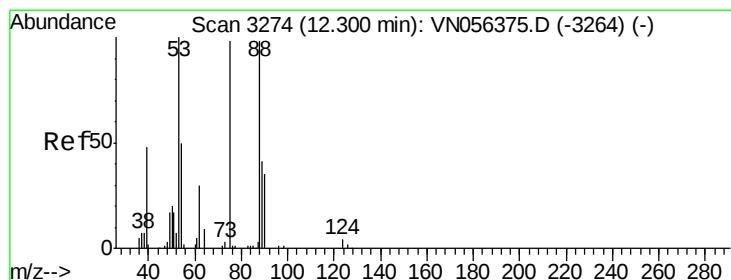
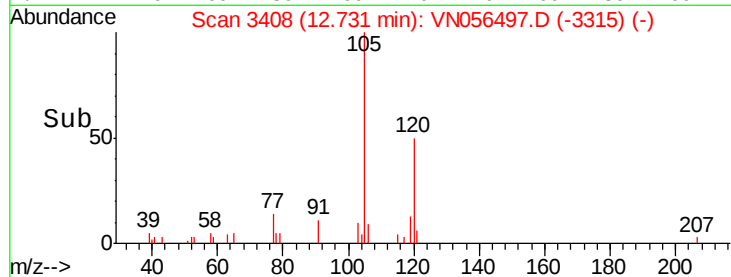
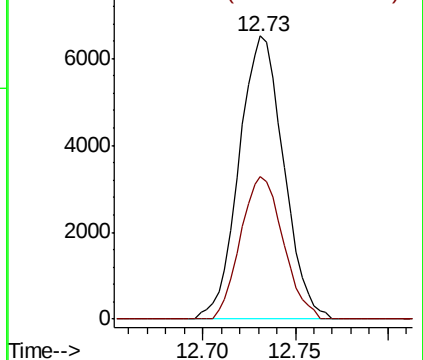
105 100

120 48.0 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 110.935 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

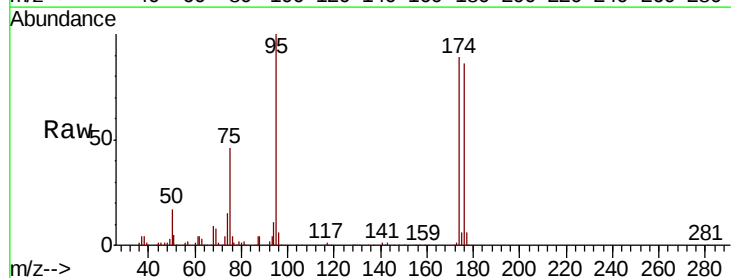
Tgt Ion: 75 Resp: 120791

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

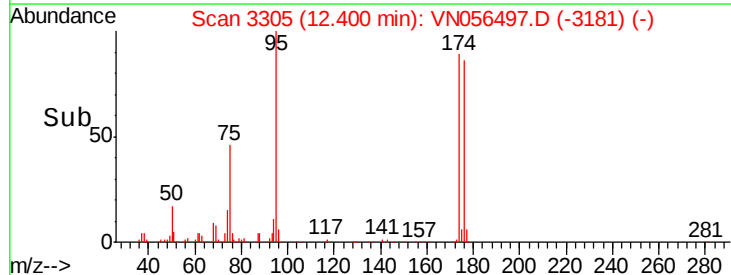
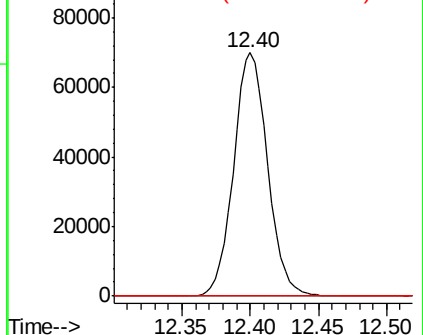
89 0.0 35.0 52.6#

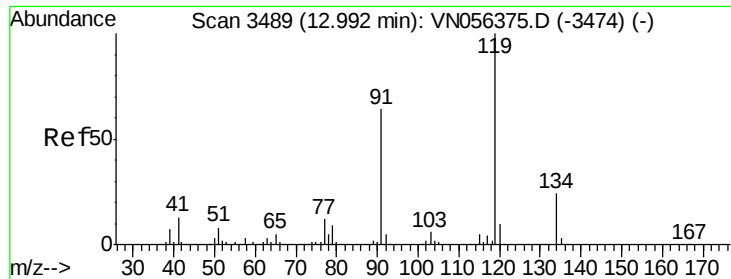


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

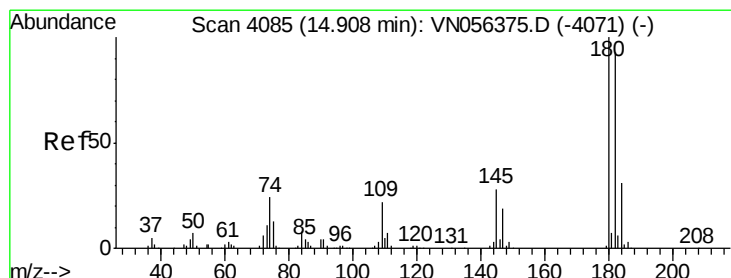
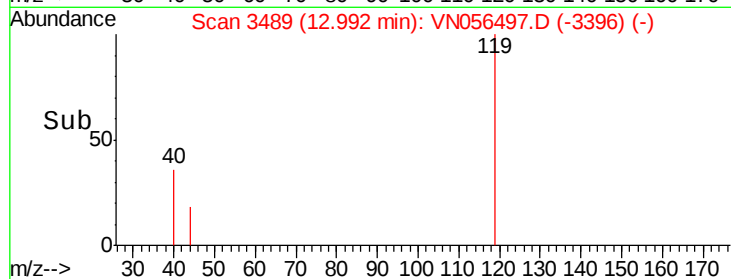
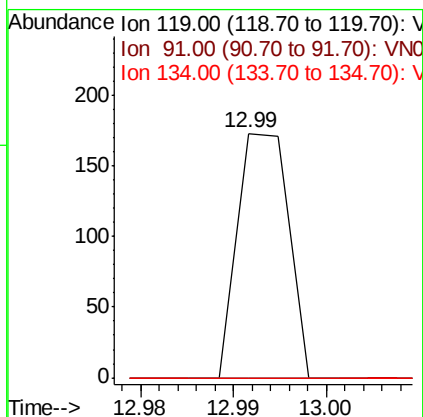
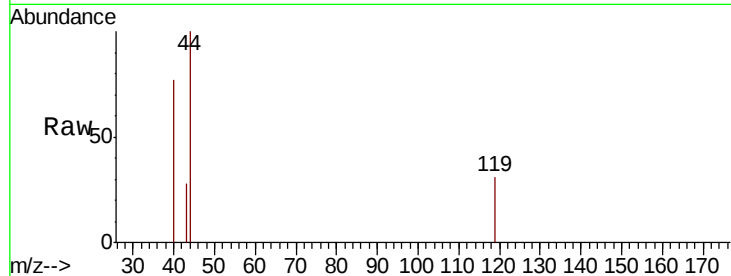




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

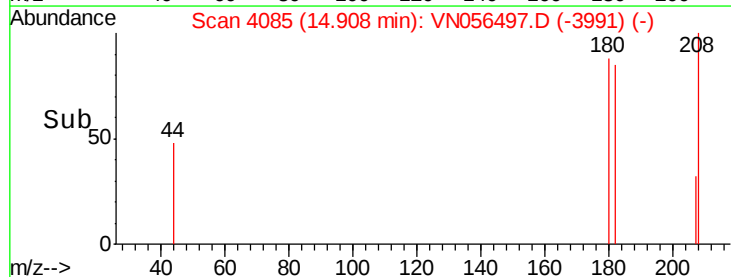
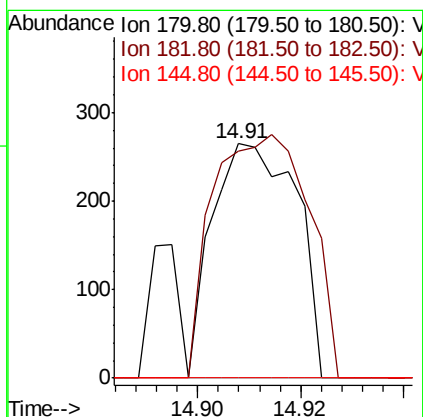
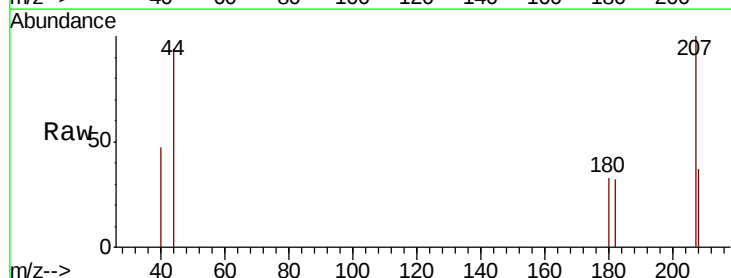
Instrument :
 MSVOA_N
 ClientSampled :

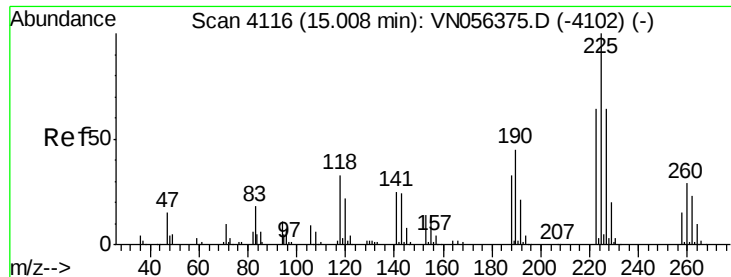
Tot Ion:119 Resp: 66
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.6 94.7#
 134 0.0 13.2 39.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.696 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Tgt Ion:180 Resp: 300
 Ion Ratio Lower Upper
 180 100
 182 118.0 46.9 140.6
 145 0.0 14.4 43.0#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

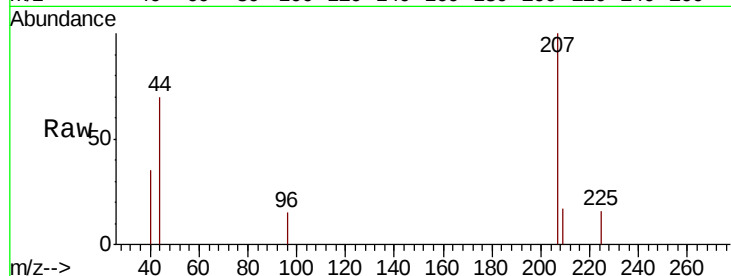
Tot Ion:225 Resp: 95

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.3#

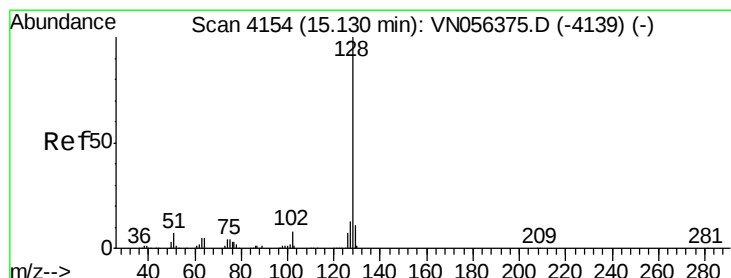
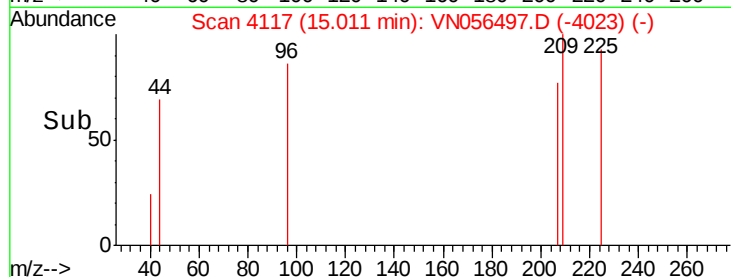
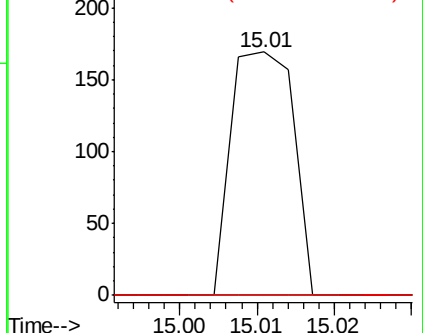
227 0.0 32.1 96.3#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.346 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056497.D

Acq: 26 Jun 2019 11:40

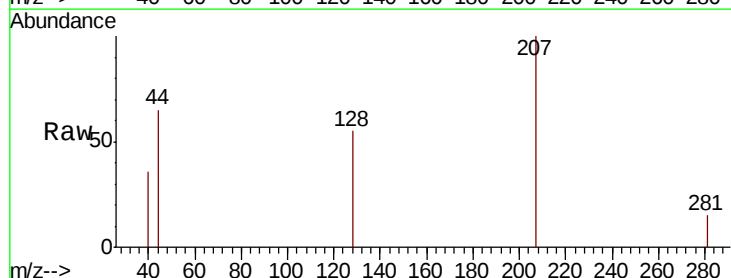
Tgt Ion:128 Resp: 968

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

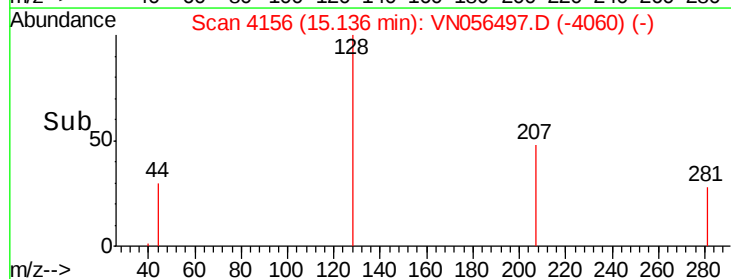
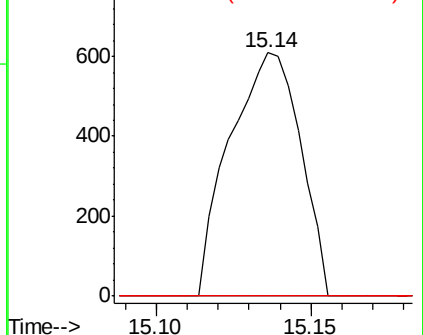
129 0.0 8.6 12.8#

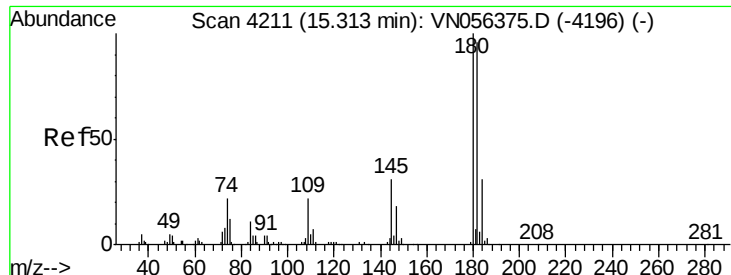


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.611 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056497.D
 Acq: 26 Jun 2019 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	130.6	48.3	144.8
145	0.0	15.4	46.1

