

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058488.D
 Acq On : 2 Oct 2019 20:20
 Operator : JC/SP
 Sample : K5095-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

Quant Time: Oct 03 05:14:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	371961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	628255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209551	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	282090	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	7.57	113	201437	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
50) Toluene-d8	10.09	98	802002	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.41	95	257679	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1078	0.240	ug/l	98
11) Tert butyl alcohol	4.73	59	584	0.967	ug/l #	71
14) Allyl chloride	4.53	41	179085	28.045	ug/l #	20
16) Acetone	3.80	43	39334	21.228	ug/l	97
18) Methyl Acetate	4.31	43	4550	0.976	ug/l #	84
20) Methylene Chloride	4.53	84	4877637	1140.673	ug/l	90
25) 2-Butanone	6.83	43	8883	3.492	ug/l	97
31) Cyclohexane	7.65	56	9624	1.279	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	34398	5.726	ug/l #	51
37) Ethyl Acetate	6.83	43	8883	1.744	ug/l #	73
38) Carbon Tetrachloride	7.65	117	38614	7.121	ug/l #	16
40) Benzene	8.03	78	216917	12.562	ug/l	97
42) 1,2-Dichloroethane	8.03	62	2452	0.365	ug/l	90
43) Isopropyl Acetate	8.16	43	185195	19.336	ug/l #	83
45) 1,2-Dichloropropane	9.26	63	1907	0.412	ug/l #	43
48) Methyl methacrylate	9.18	41	5792	1.328	ug/l #	13
49) 1,4-Dioxane	9.26	88	63	1.080	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4905	0.997	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	35600	5.303	ug/l #	65
56) Ethyl methacrylate	10.54	69	1732	0.288	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5567	0.789	ug/l #	43
59) 2-Hexanone	10.76	43	94758	26.452	ug/l #	52
60) Dibromochloromethane	10.63	129	2188	Below Cal	#	11
64) Tetrachloroethene	10.63	164	2101	0.610	ug/l	93
65) Chlorobenzene	11.44	112	1122728	104.144	ug/l	99
68) m/p-Xylenes	11.62	106	2092	0.285	ug/l	99
71) Bromoform	12.41	173	1210	1.170	ug/l #	1
74) N-amyl acetate	12.04	43	4361	0.708	ug/l #	46
76) 1,2,3-Trichloropropane	12.41	75	142197	37.152	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3252	0.251	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.41	75	142197	112.834	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	6620	0.510	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	16444	2.510	ug/l	90
91) 1,2-Dichlorobenzene	13.66	146	6958	1.100	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

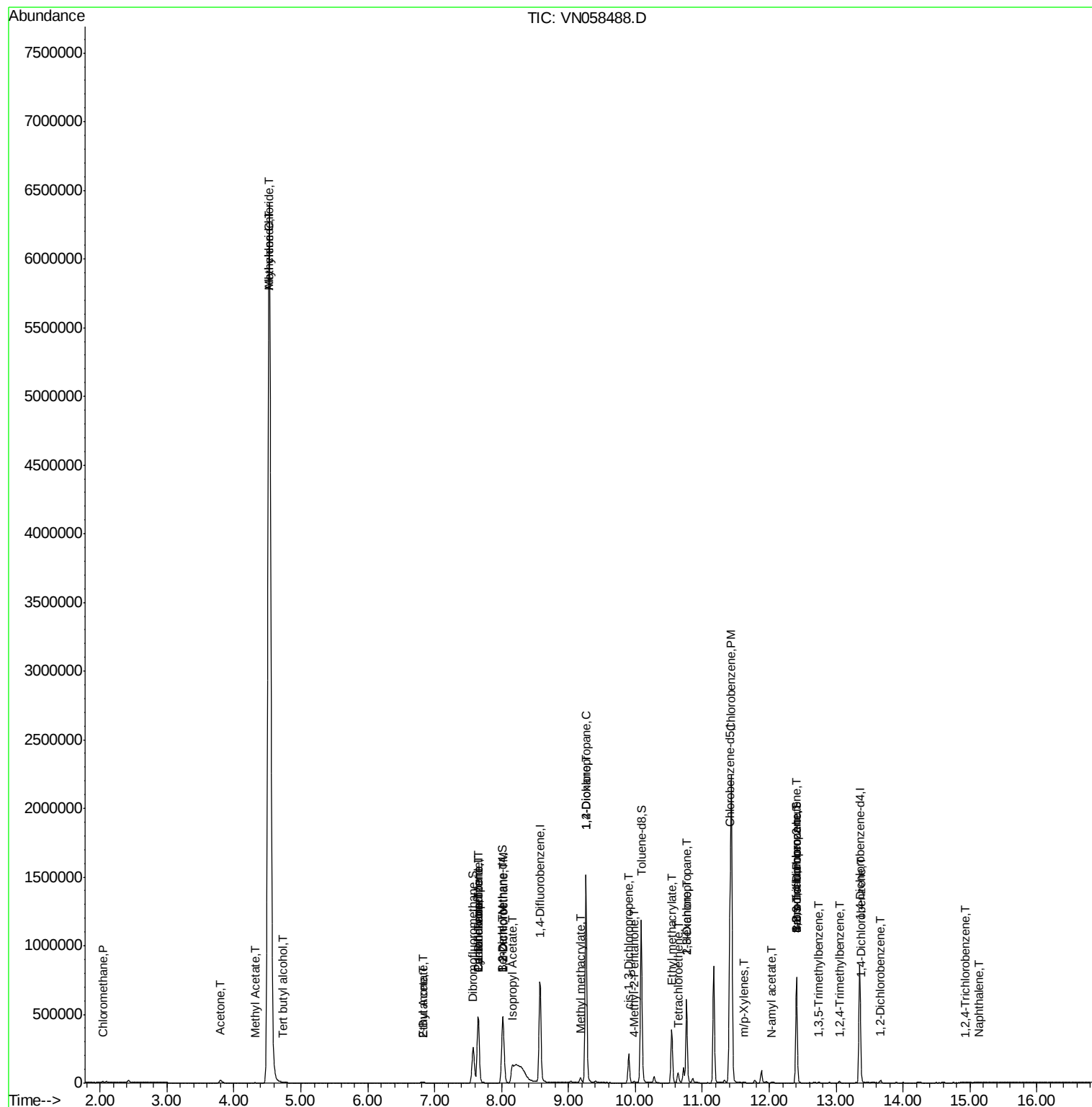
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	705	0.202	ug/l	96
95) Naphthalene	15.14	128	4973	0.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	30	Below Cal	#	1

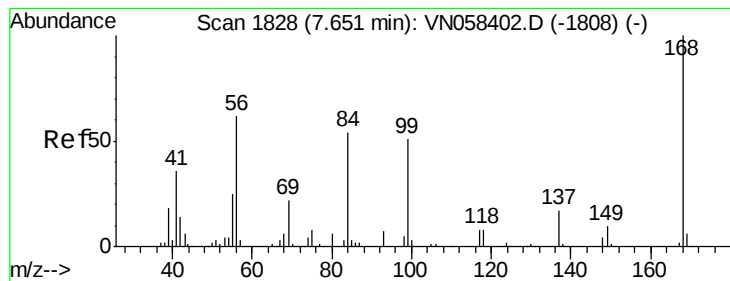
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

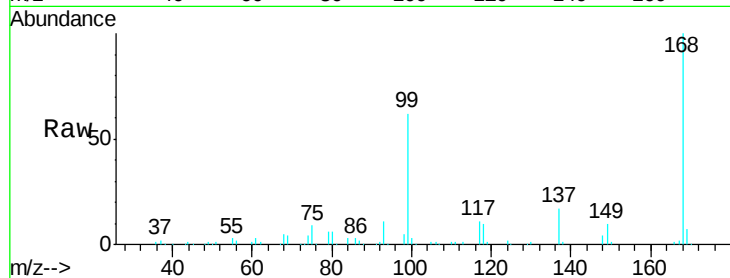
COMPOSITE-1

Tgt Ion: 168 Resp: 371961

Ion Ratio Lower Upper

168 100

99 61.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

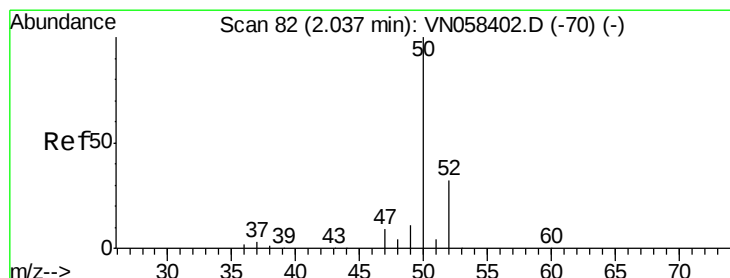
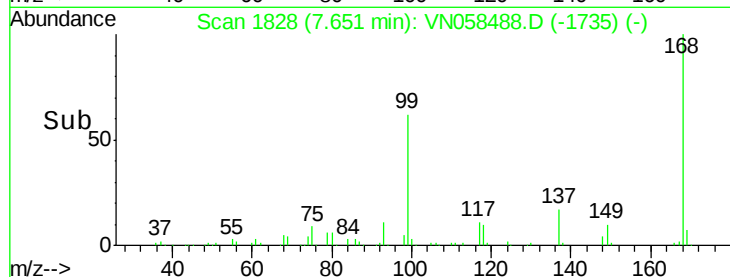
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.240 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058488.D

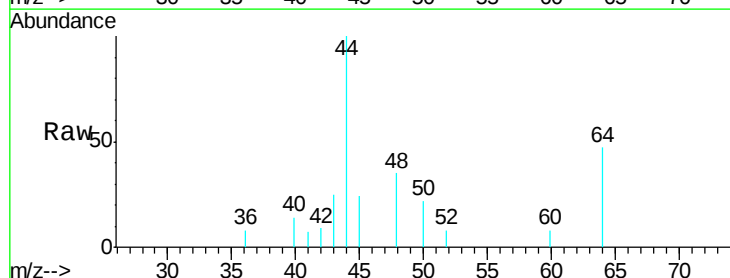
Acq: 2 Oct 2019 20:20

Tgt Ion: 50 Resp: 1078

Ion Ratio Lower Upper

50 100

52 33.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

800

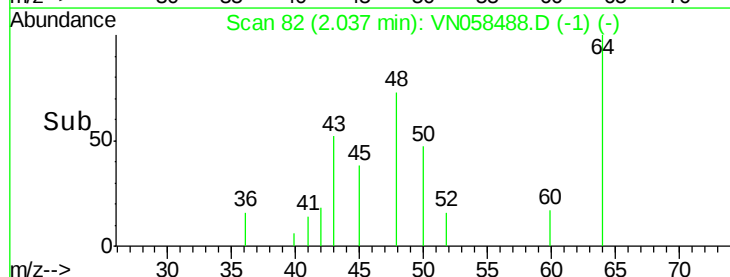
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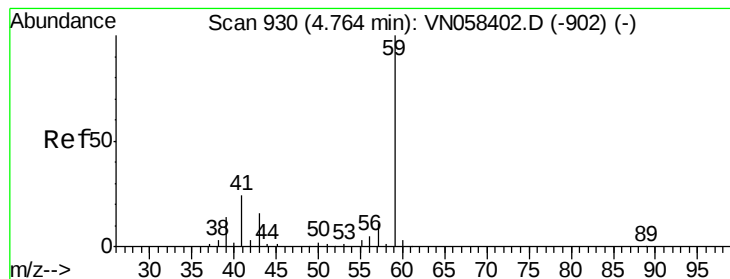
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200

0

Time-->



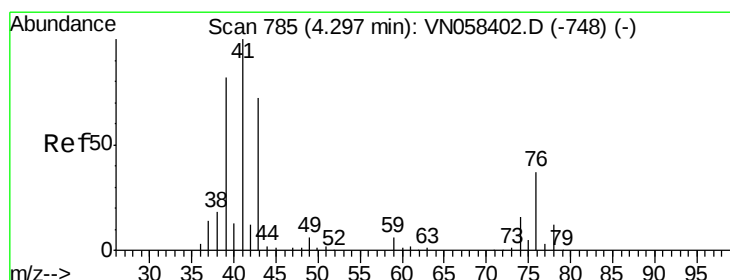
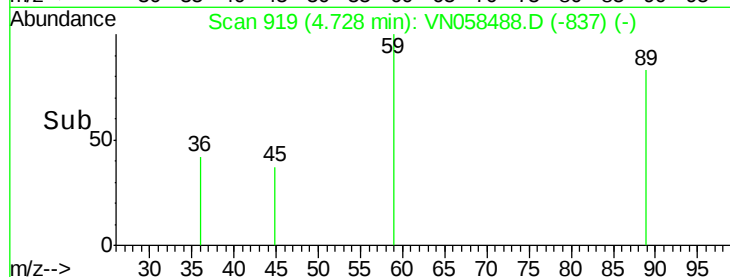
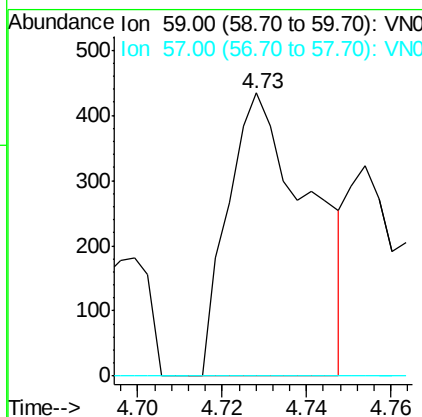
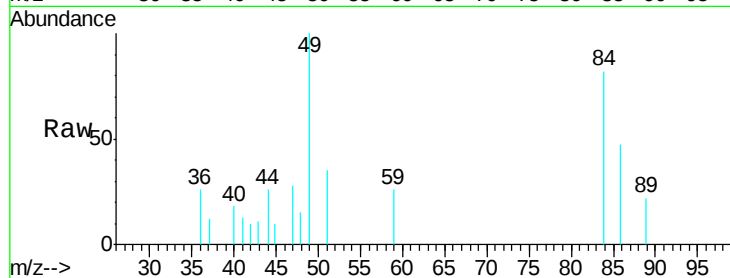


#11

Tert butyl alcohol
 Concen: 0.967 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.04 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

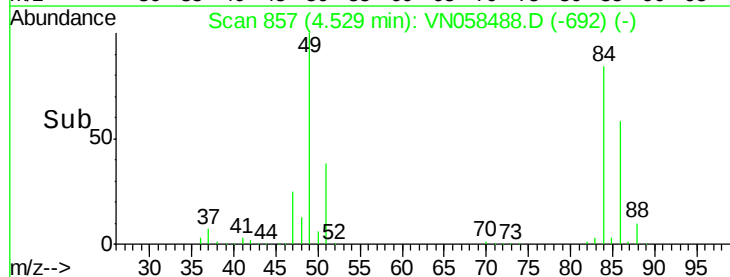
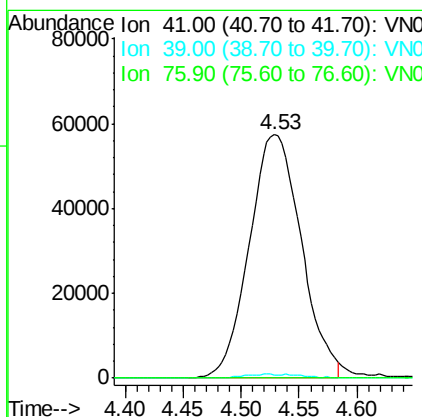
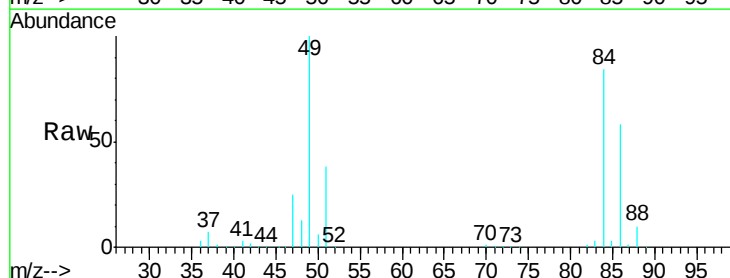
Tgt Ion: 59 Resp: 584
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

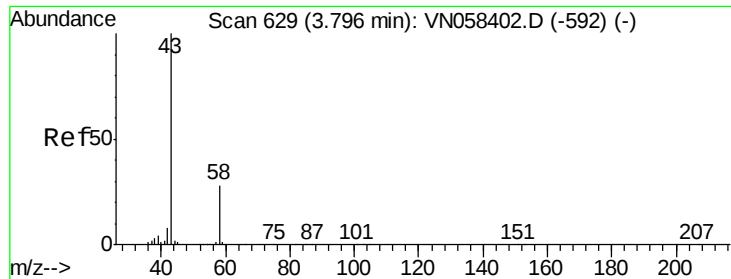


#14

Allyl chloride
 Concen: 28.045 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. 0.23 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Tgt Ion: 41 Resp: 179085
 Ion Ratio Lower Upper
 41 100
 39 1.0 62.3 93.5#
 76 0.0 26.9 40.3#

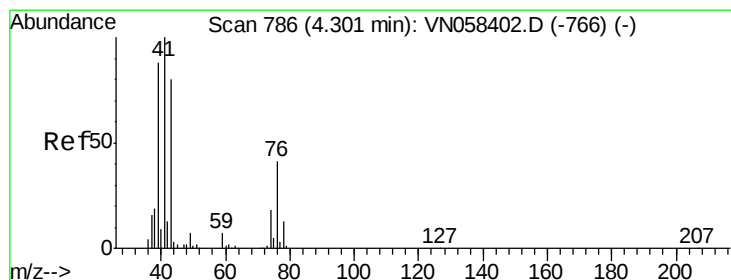
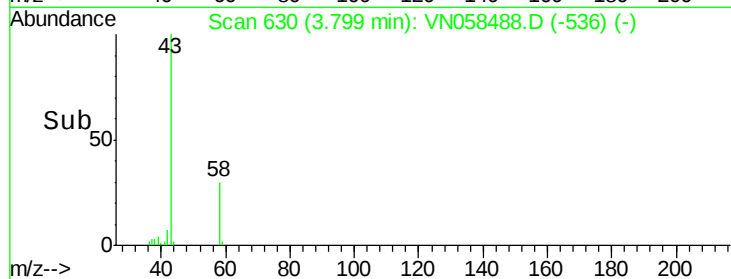
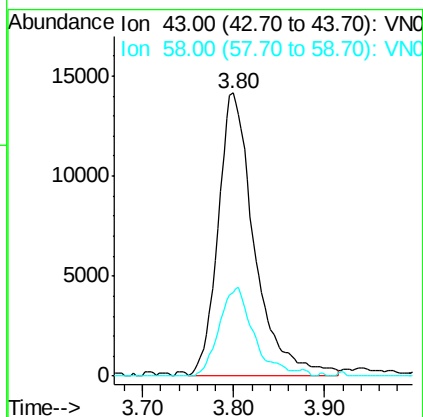
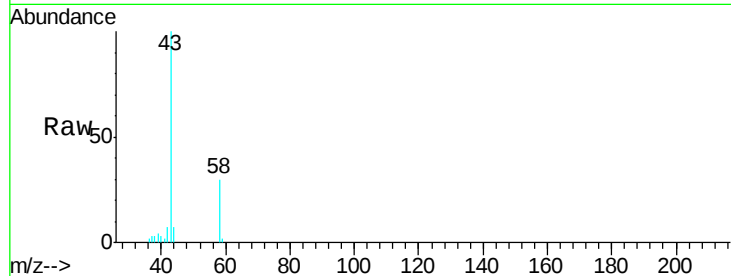




#16
Acetone
Concen: 21.228 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

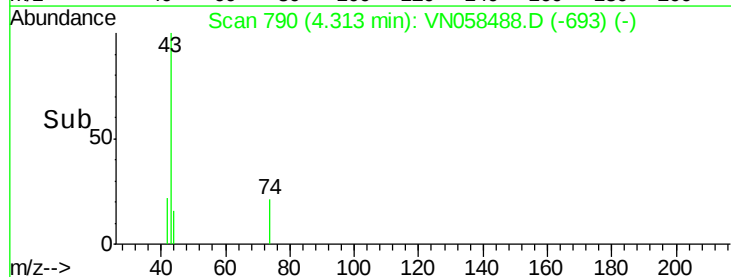
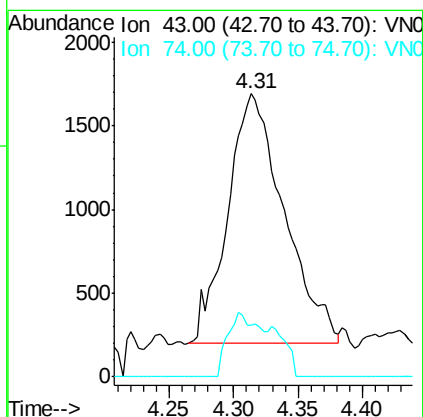
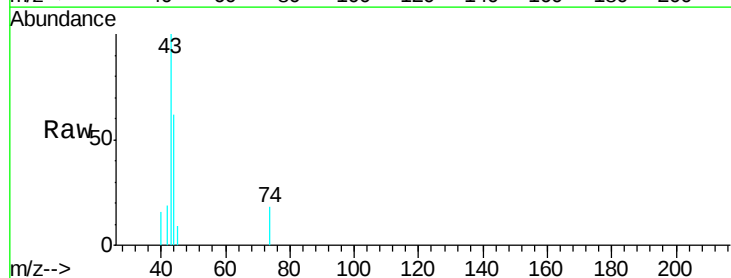
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

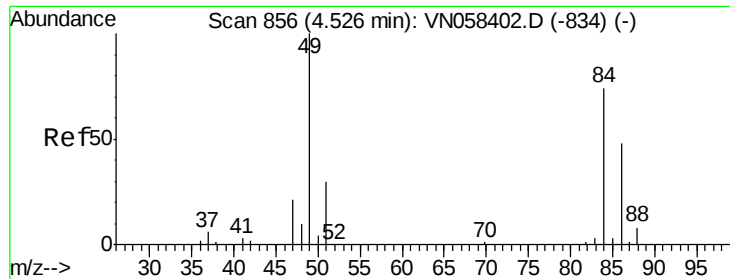
Tgt Ion: 43 Resp: 39334
Ion Ratio Lower Upper
43 100
58 29.6 22.4 33.6



#18
Methyl Acetate
Concen: 0.976 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion: 43 Resp: 4550
Ion Ratio Lower Upper
43 100
74 14.9 18.0 27.0#



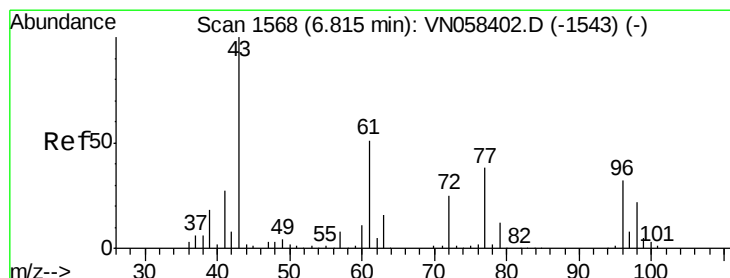
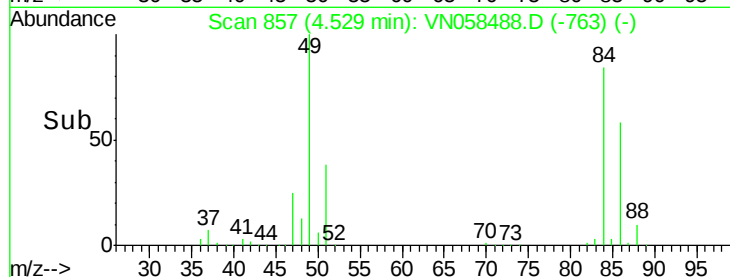
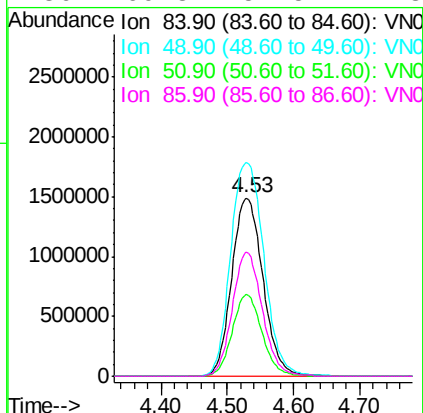
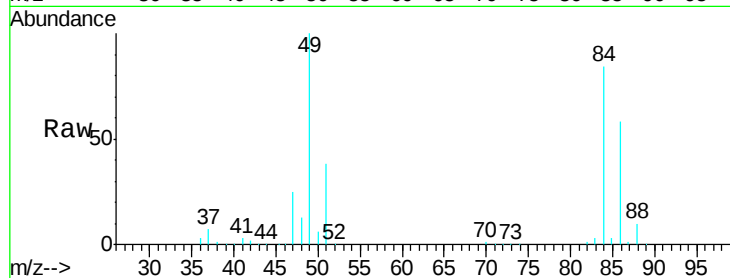


#20
Methylene Chloride
Concen: 1140.673 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-1

Tgt Ion: 84 Resp: 4877637

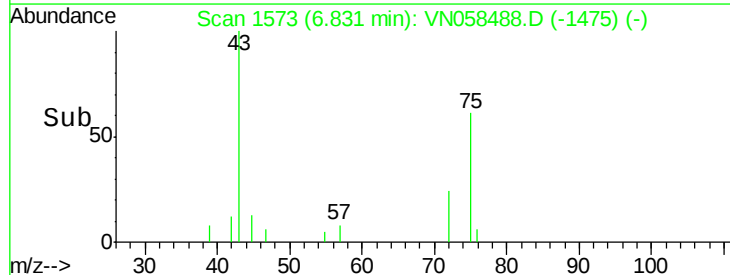
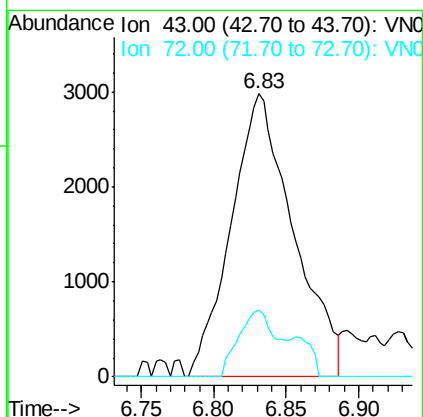
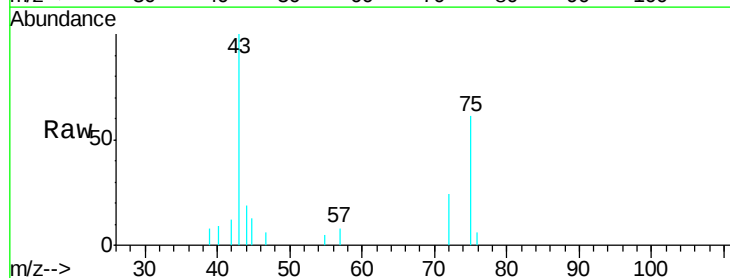
Ion	Ratio	Lower	Upper
84	100		
49	119.8	107.9	161.9
51	45.9	32.8	49.2
86	69.8	51.5	77.3

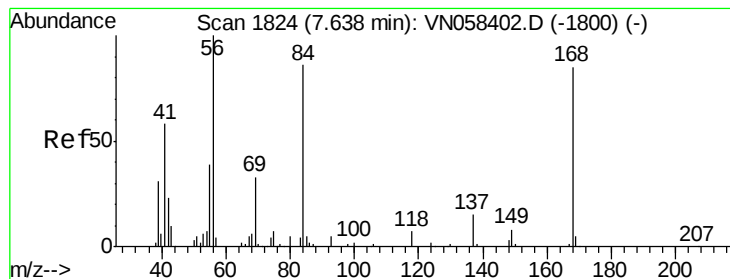


#25
2-Butanone
Concen: 3.492 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion: 43 Resp: 8883

Ion	Ratio	Lower	Upper
43	100		
72	23.9	20.2	30.4





#31

Cyclohexane

Concen: 1.279 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-1

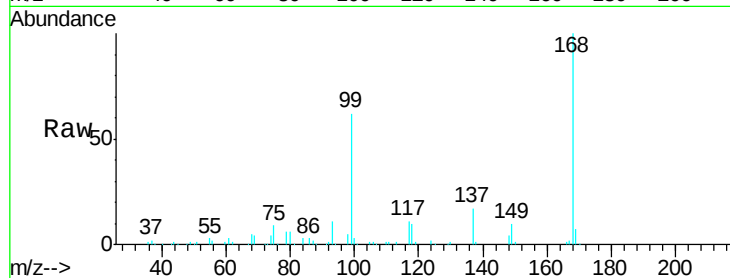
Tgt Ion: 56 Resp: 9624

Ion Ratio Lower Upper

56 100

69 174.2 26.2 39.4#

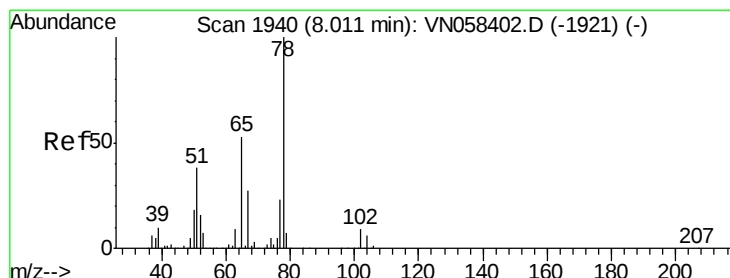
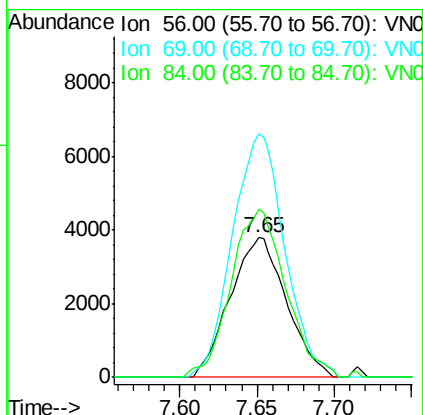
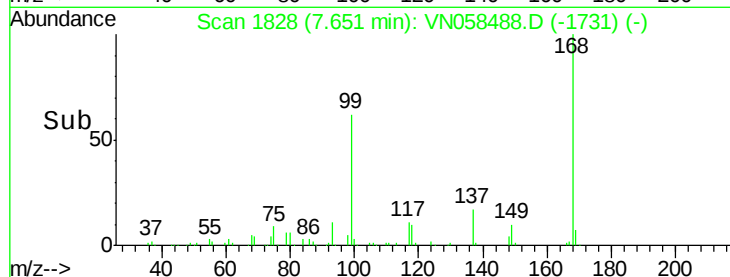
84 120.3 67.6 101.4#



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: 51.897 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058488.D

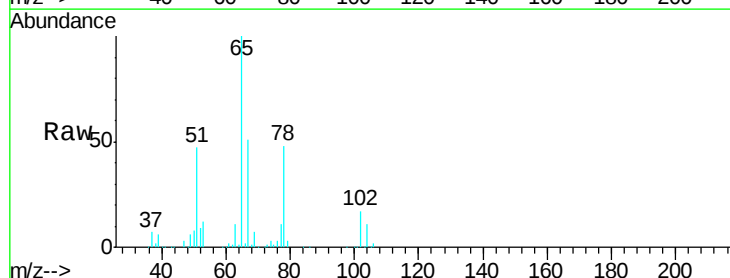
Acq: 2 Oct 2019 20:20

Tgt Ion: 65 Resp: 282090

Ion Ratio Lower Upper

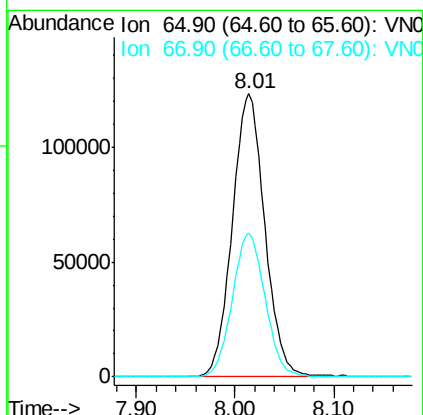
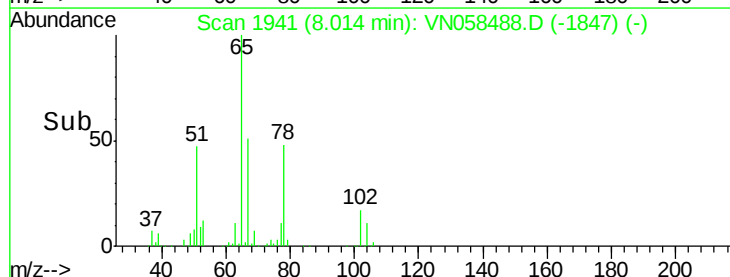
65 100

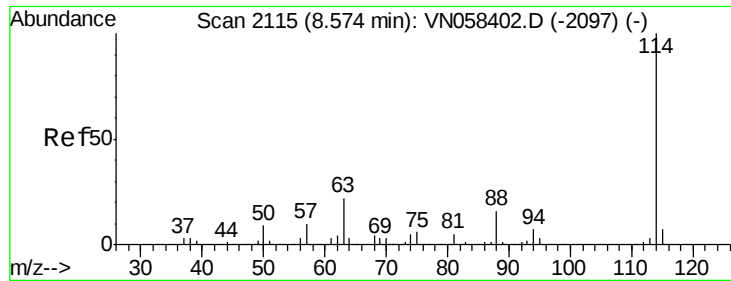
67 51.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

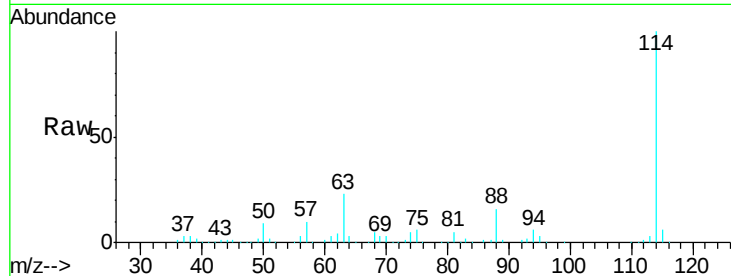




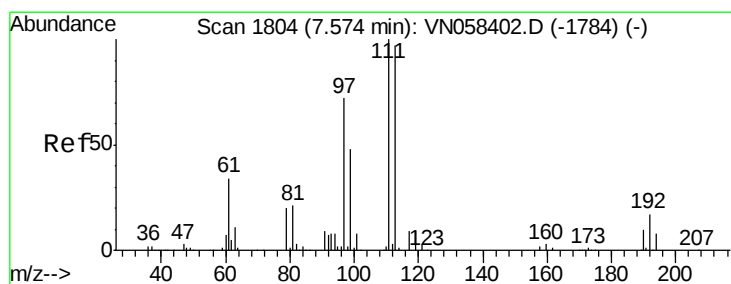
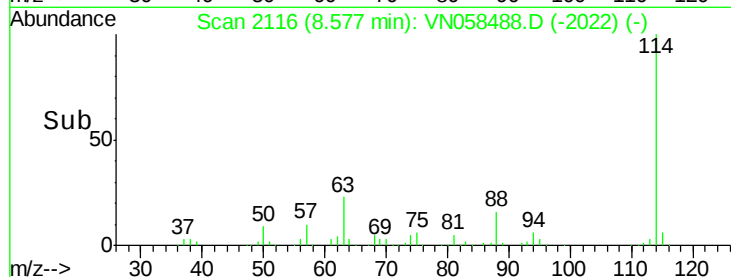
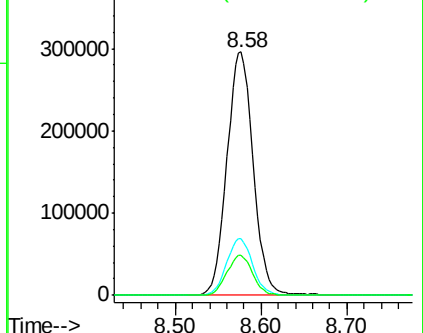
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:114 Resp: 628255
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.5 0.0 32.2

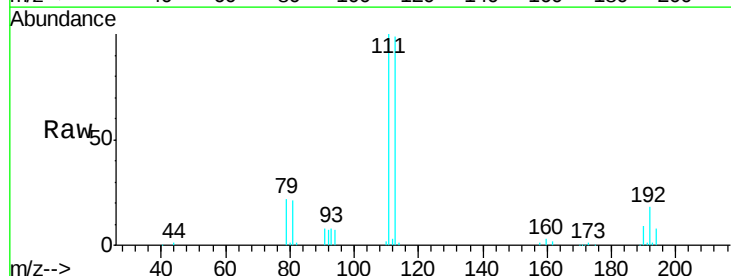


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

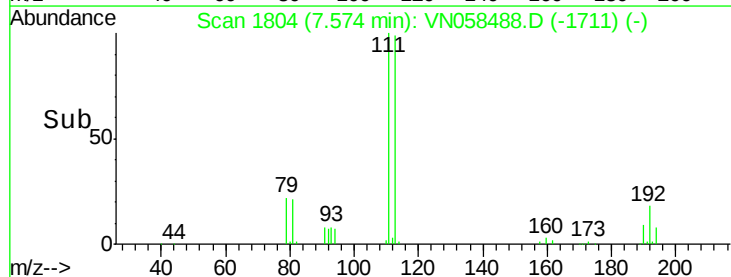
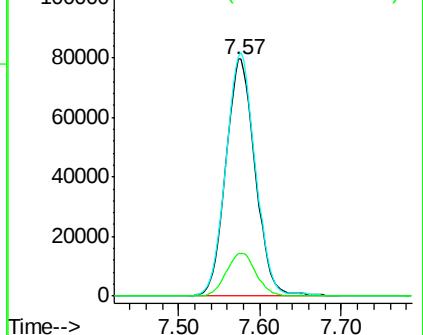


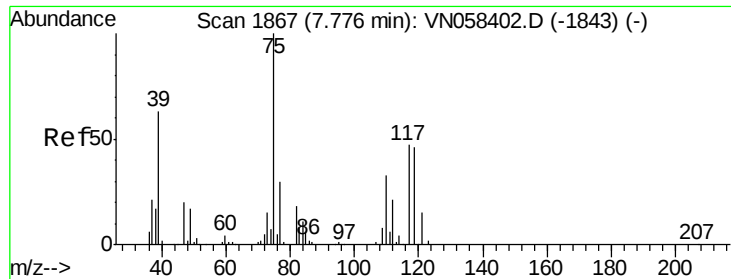
#35
 Dibromofluoromethane
 Concen: 52.314 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Tgt Ion:113 Resp: 201437
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.2
 192 18.3 14.9 22.3



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: 5.726 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-1

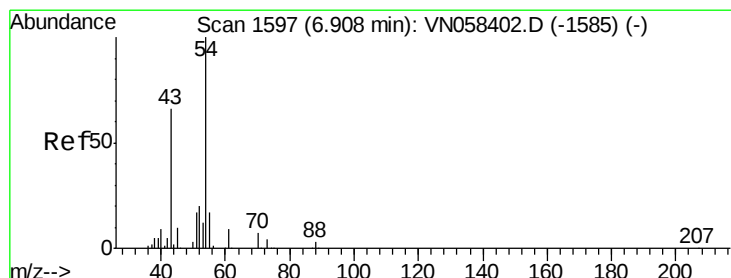
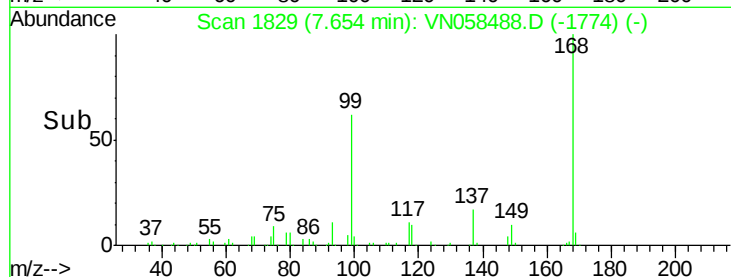
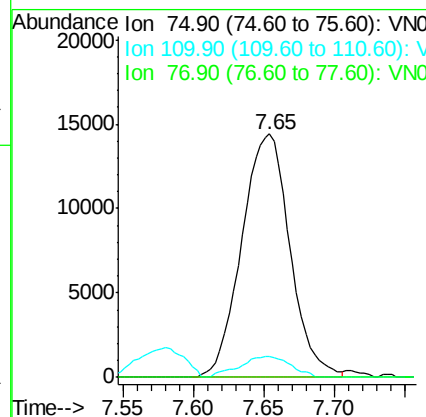
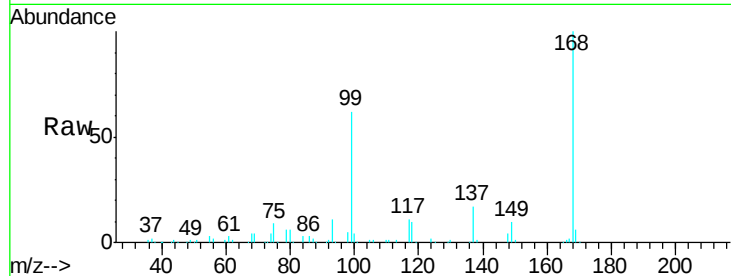
Tgt Ion: 75 Resp: 34398

Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.2#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 1.744 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.08 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

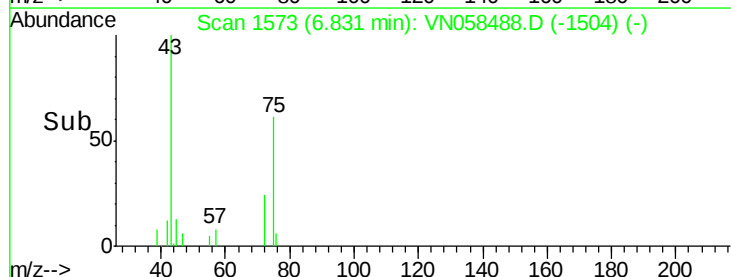
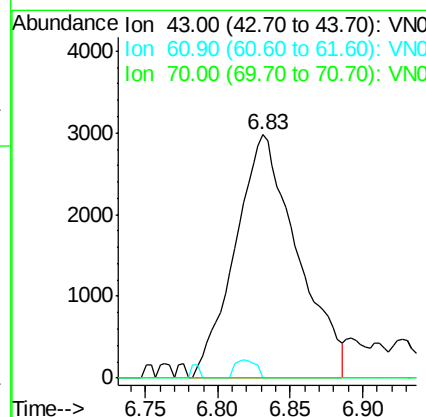
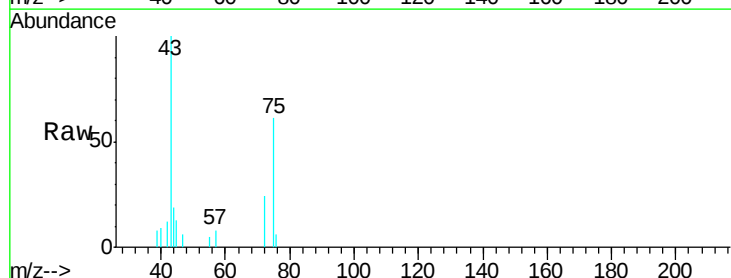
Tgt Ion: 43 Resp: 8883

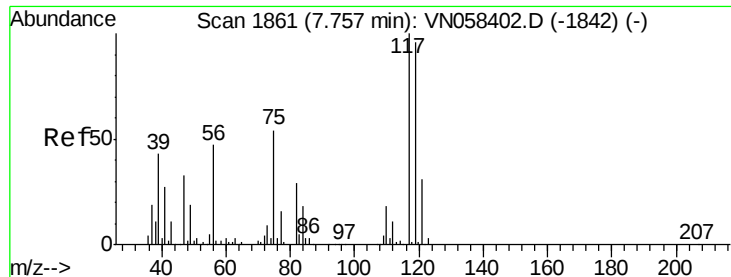
Ion Ratio Lower Upper

43 100

61 2.5 10.5 15.7#

70 0.0 7.8 11.6#

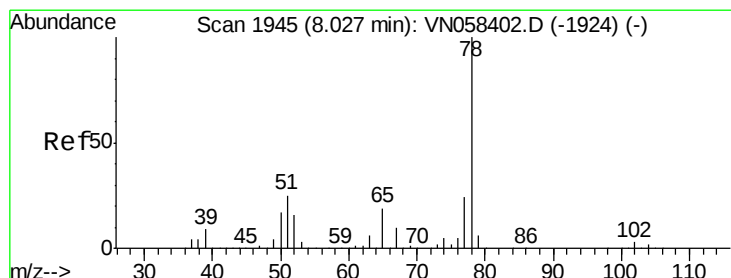
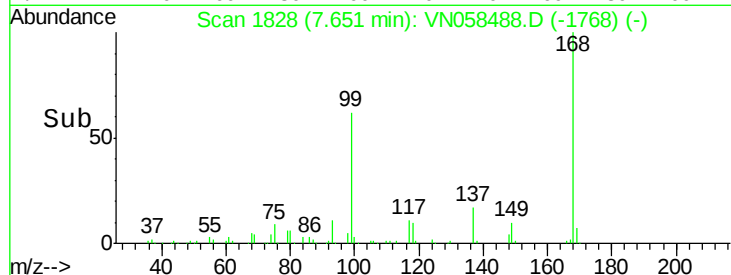
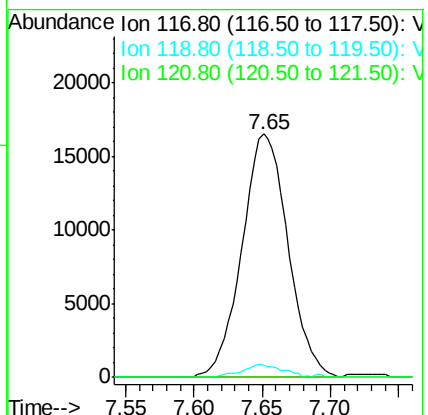
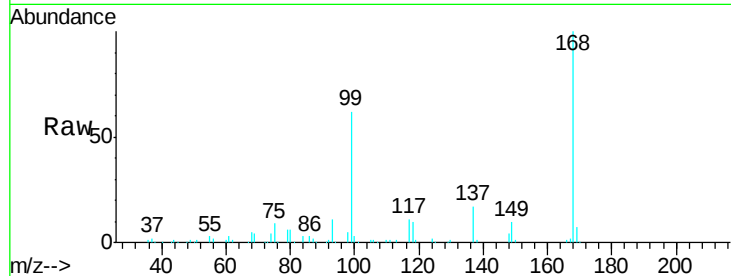




#38
Carbon Tetrachloride
Concen: 7.121 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

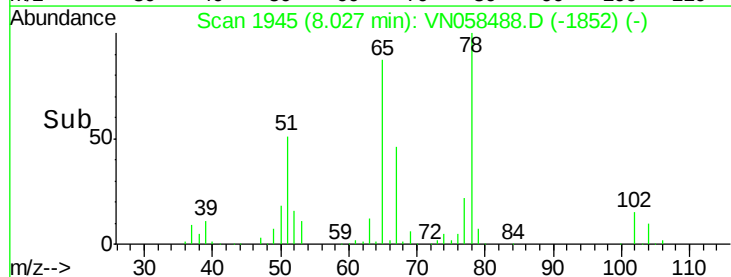
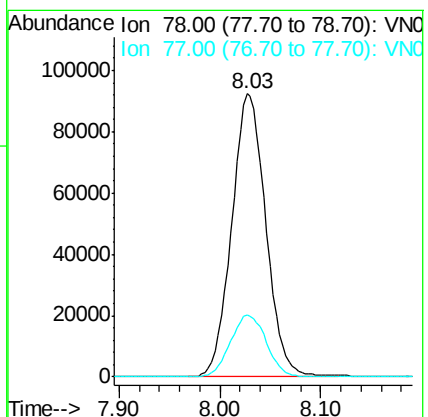
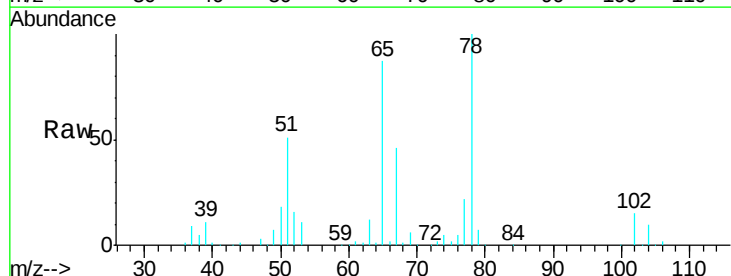
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

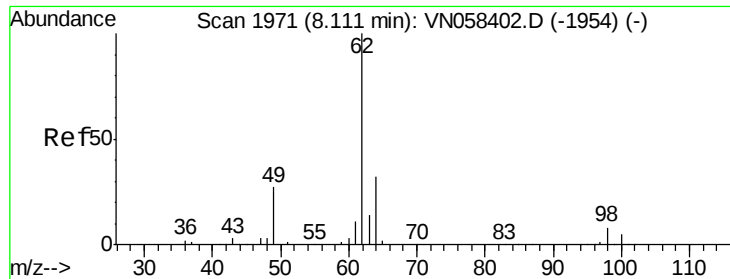
Tgt Ion:117 Resp: 38614
Ion Ratio Lower Upper
117 100
119 4.7 76.6 115.0#
121 0.0 24.7 37.1#



#40
Benzene
Concen: 12.562 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion: 78 Resp: 216917
Ion Ratio Lower Upper
78 100
77 21.9 18.9 28.3

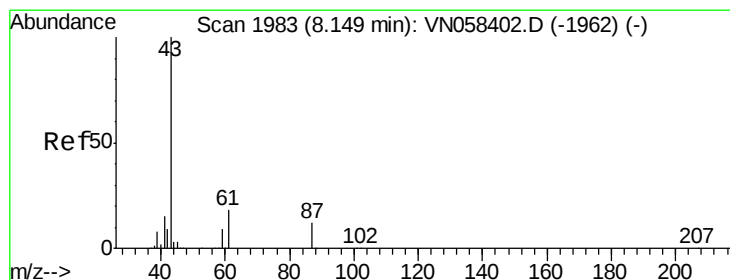
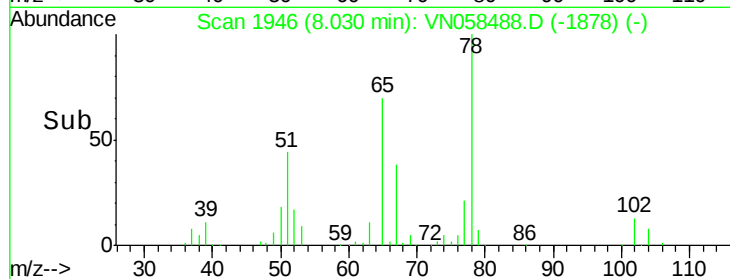
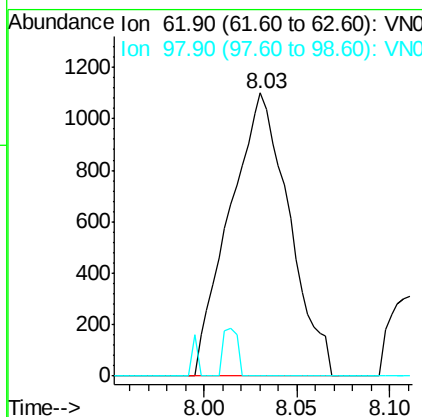
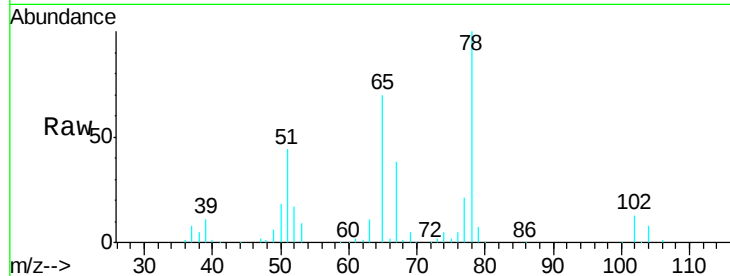




#42
 1,2-Dichloroethane
 Concen: 0.365 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.08 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

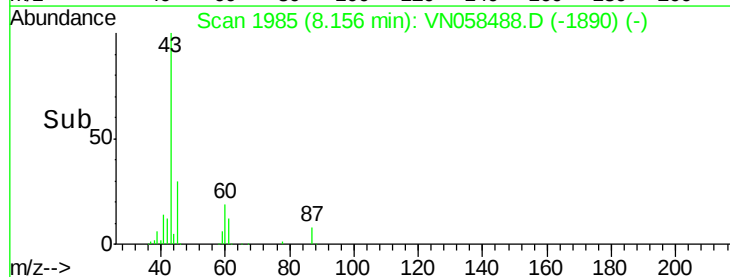
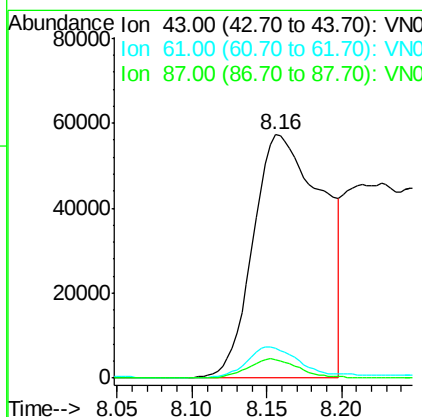
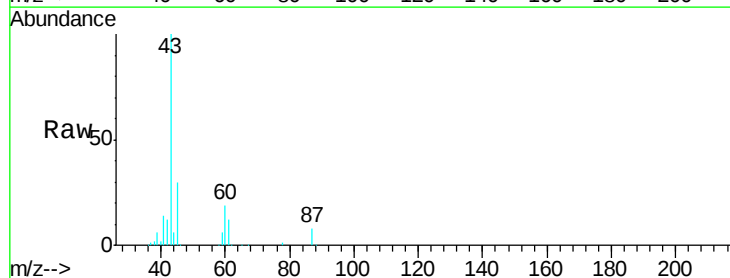
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

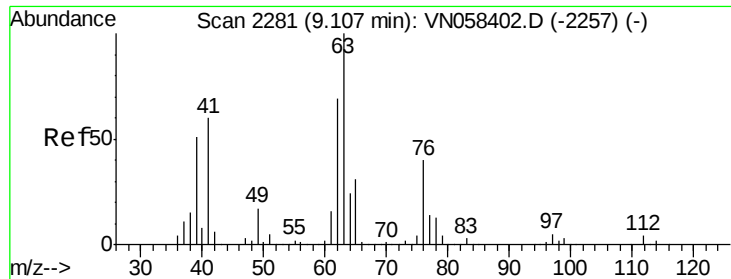
Tgt Ion: 62 Resp: 2452
 Ion Ratio Lower Upper
 62 100
 98 4.2 0.0 15.6



#43
 Isopropyl Acetate
 Concen: 19.336 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Tgt Ion: 43 Resp: 185195
 Ion Ratio Lower Upper
 43 100
 61 10.8 14.8 22.2#
 87 5.7 9.7 14.5#

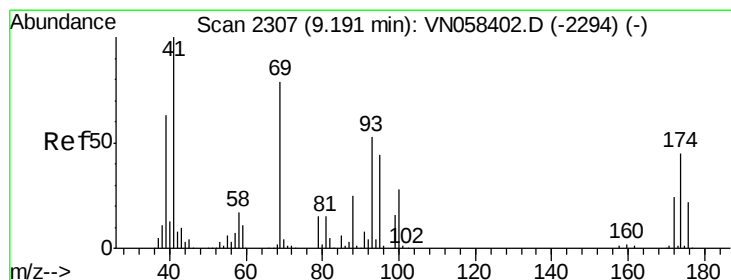
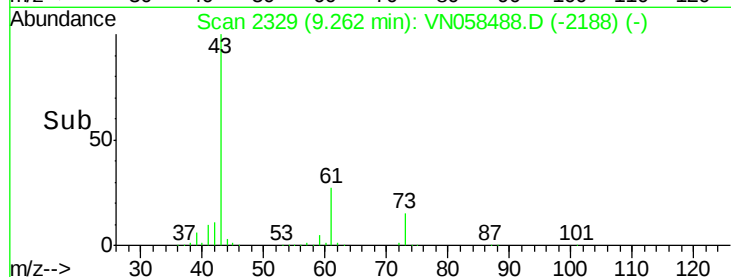
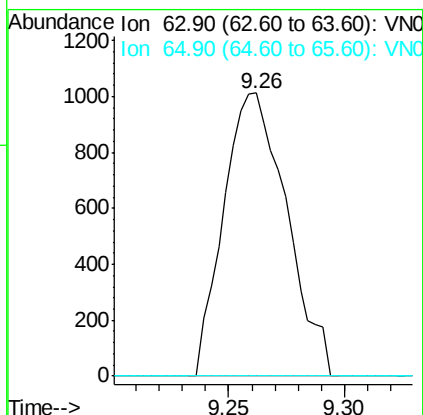
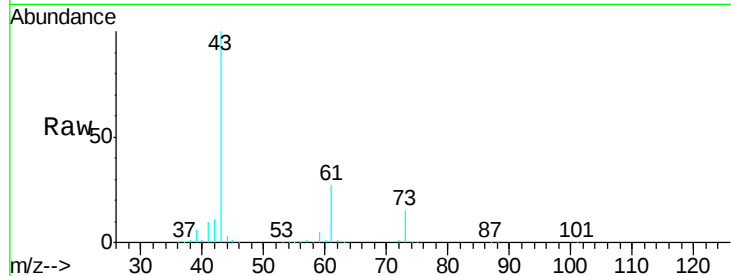




#45
 1,2-Dichloropropane
 Concen: 0.412 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

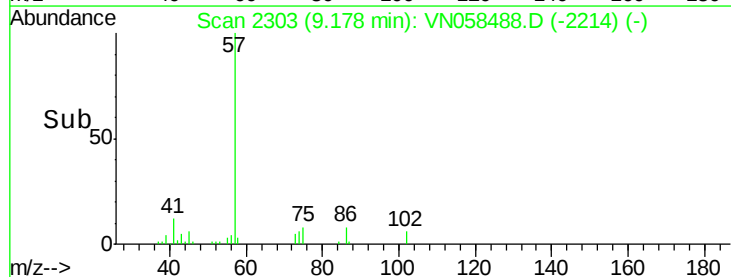
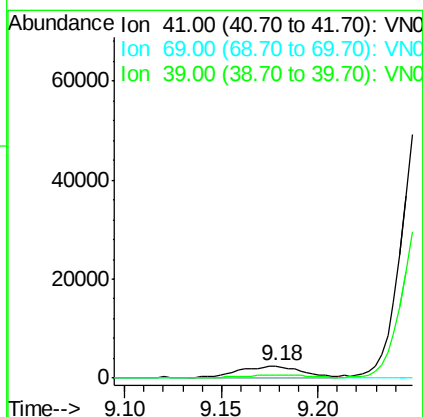
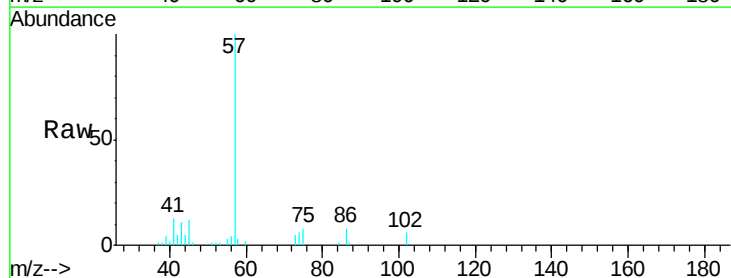
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

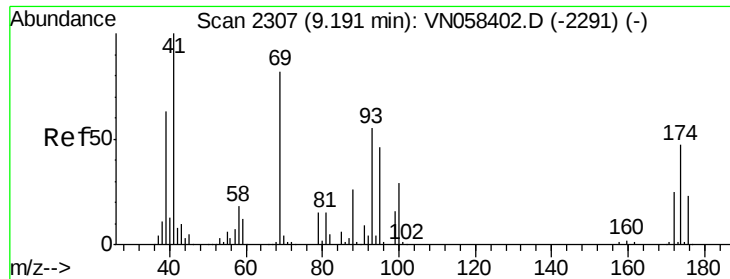
Tgt Ion: 63 Resp: 1907
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.328 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Tgt Ion: 41 Resp: 5792
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.7 97.1#
 39 0.0 52.9 79.3#





#49

1,4-Dioxane

Concen: 1.080 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-1

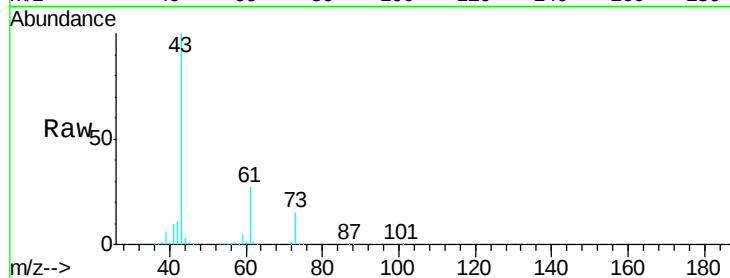
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 2405176.2 31.1 46.7#

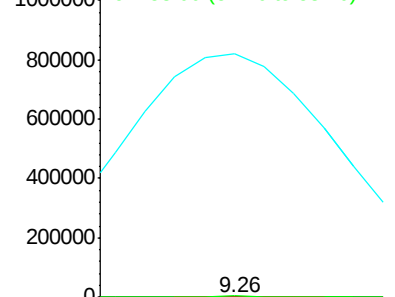
58 10550.8 58.1 87.1#



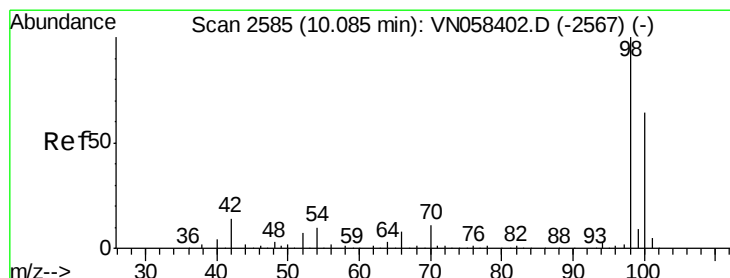
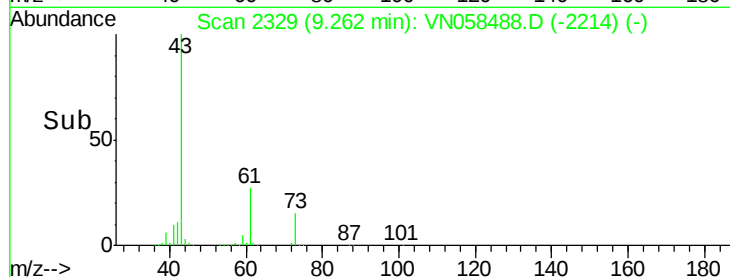
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 53.169 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058488.D

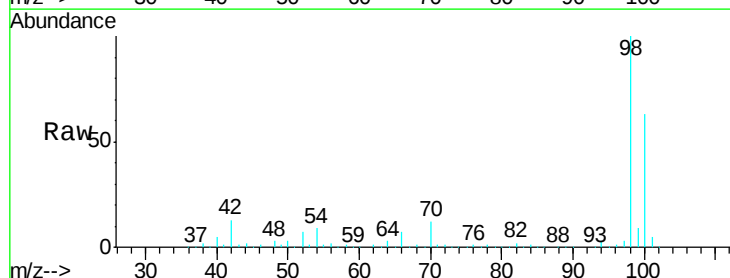
Acq: 2 Oct 2019 20:20

Tgt Ion: 98 Resp: 802002

Ion Ratio Lower Upper

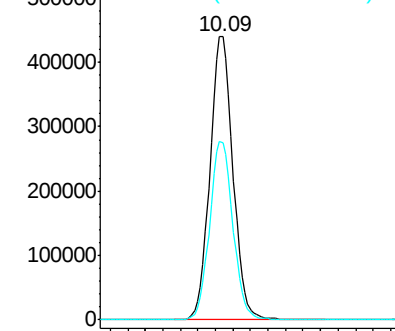
98 100

100 63.8 51.0 76.6

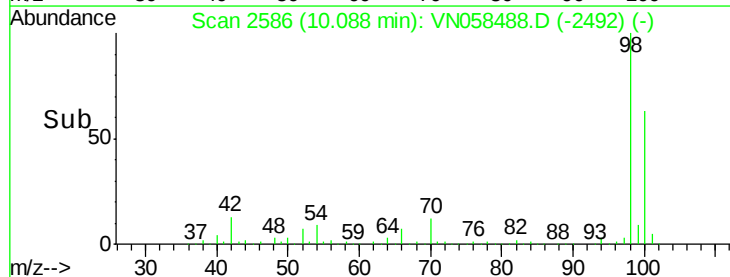


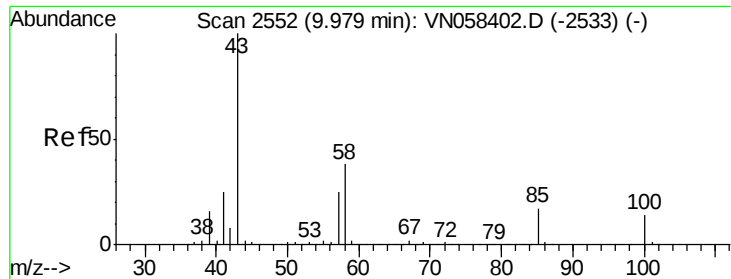
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.997 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

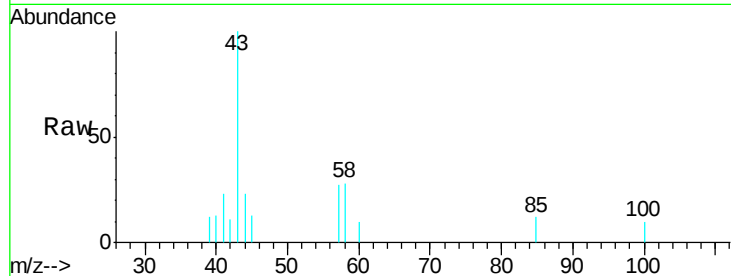
COMPOSITE-1

Tgt Ion: 43 Resp: 4905

Ion Ratio Lower Upper

43 100

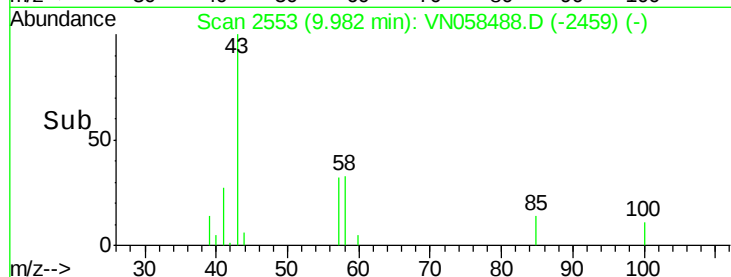
58 45.0 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058402.D (-2533) (-)

Time-->

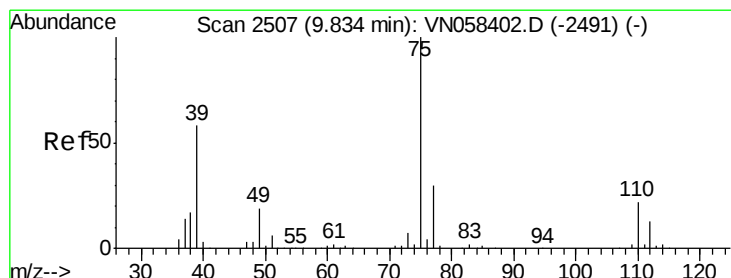


Abundance

Ion 43.00 (42.70 to 43.70): VN058488.D (-2459) (-)

Ion 58.00 (57.70 to 58.70): VN058488.D (-2459) (-)

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.303 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

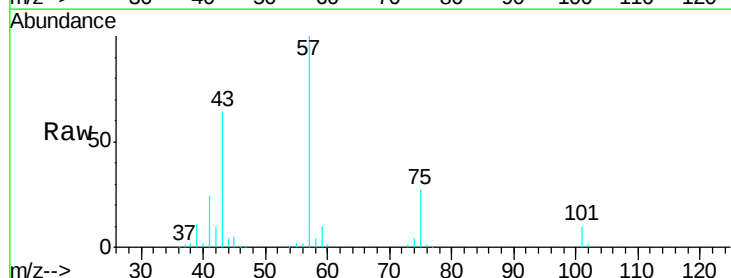
Tgt Ion: 75 Resp: 35600

Ion Ratio Lower Upper

75 100

77 0.7 24.2 36.4#

39 39.1 46.4 69.6#

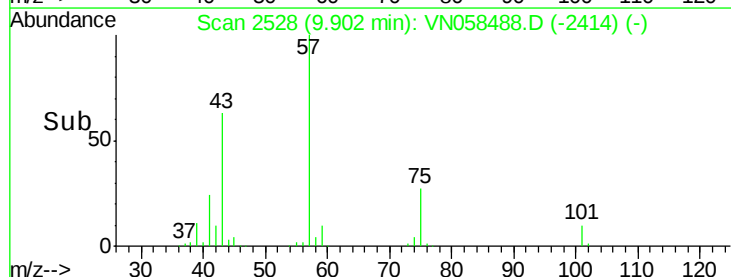


Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-2491) (-)

Ion 76.90 (76.60 to 77.60): VN058402.D (-2491) (-)

Ion 39.00 (38.70 to 39.70): VN058402.D (-2491) (-)

Time-->



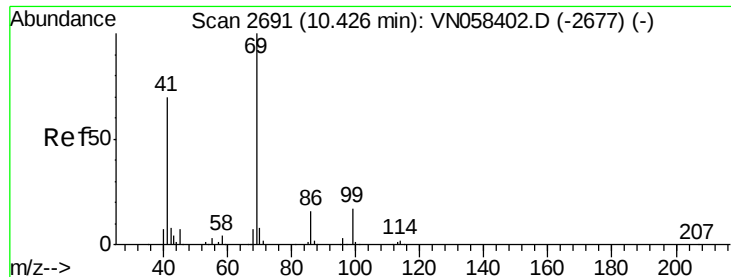
Abundance

Ion 74.90 (74.60 to 75.60): VN058488.D (-2414) (-)

Ion 76.90 (76.60 to 77.60): VN058488.D (-2414) (-)

Ion 39.00 (38.70 to 39.70): VN058488.D (-2414) (-)

Time-->



#56

Ethyl methacrylate

Concen: 0.288 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-1

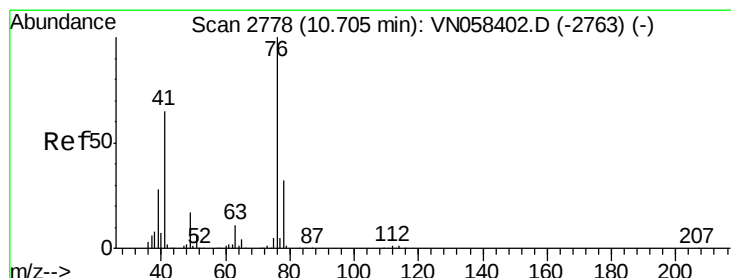
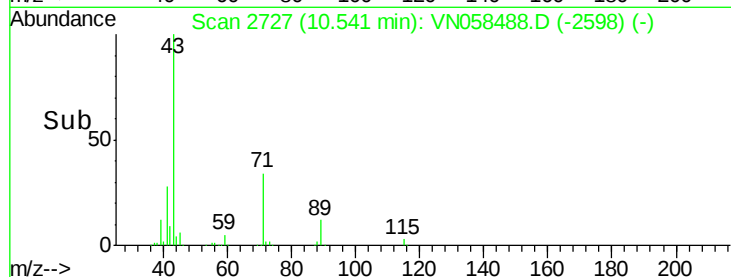
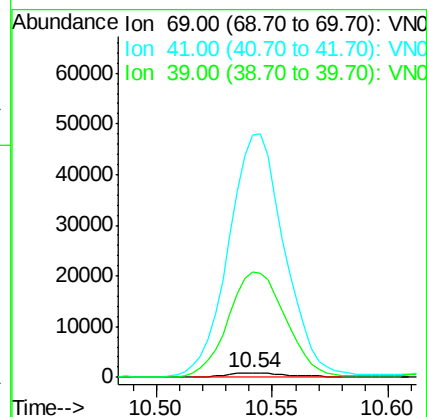
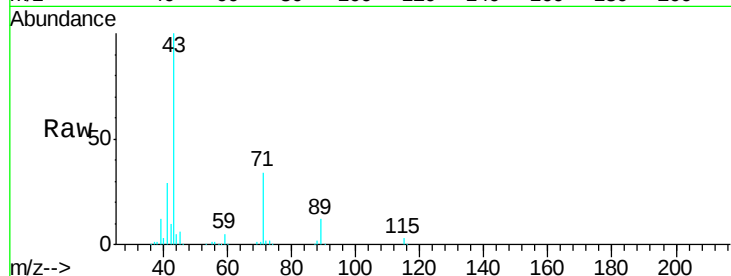
Tgt Ion: 69 Resp: 1732

Ion Ratio Lower Upper

69 100

41 4668.9 56.3 84.5#

39 2091.6 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.789 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058488.D

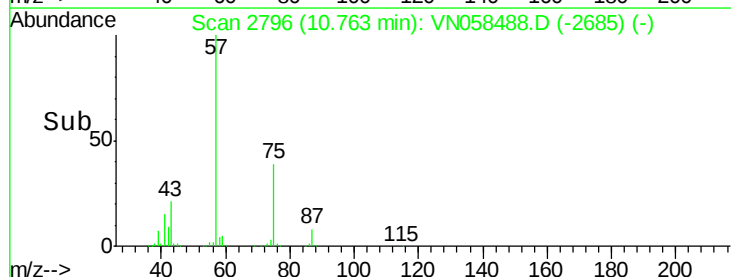
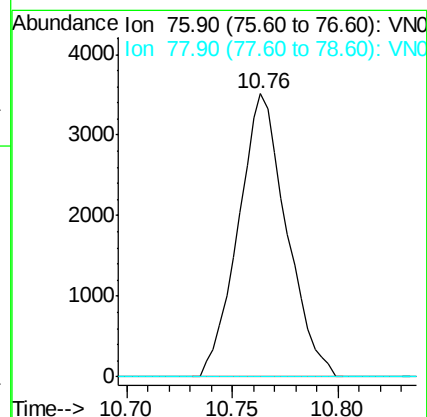
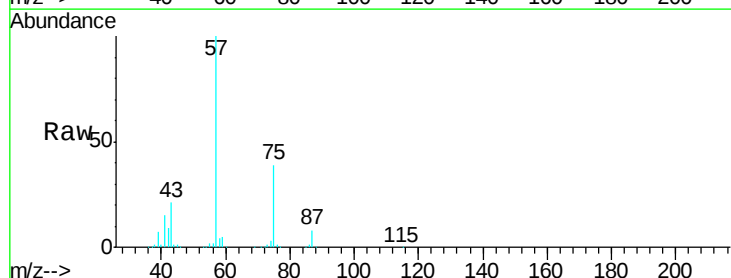
Acq: 2 Oct 2019 20:20

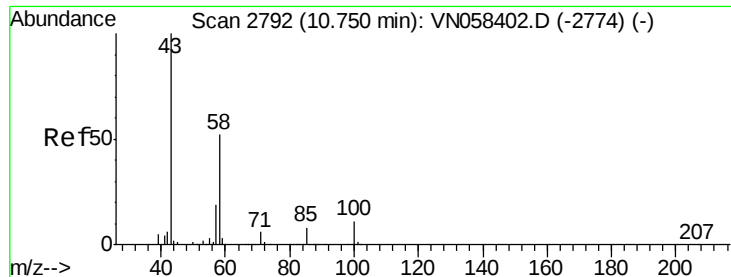
Tgt Ion: 76 Resp: 5567

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

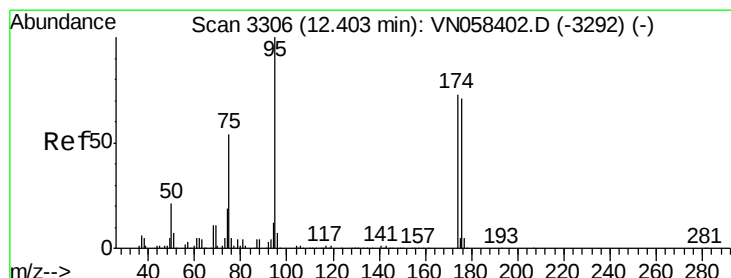
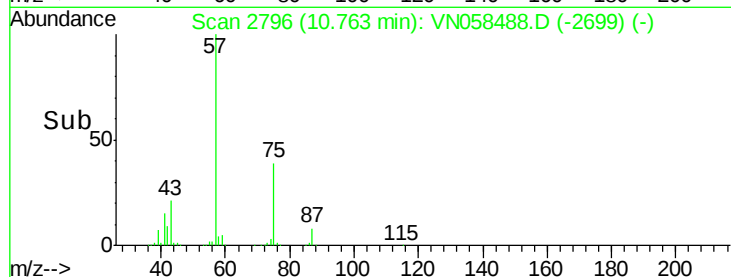
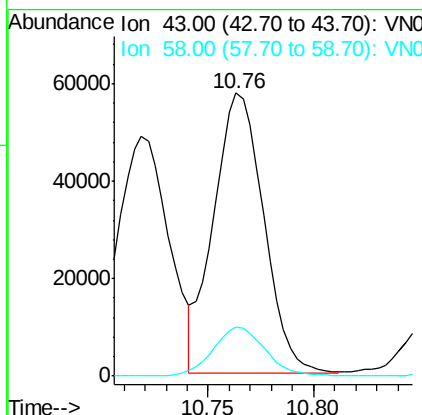
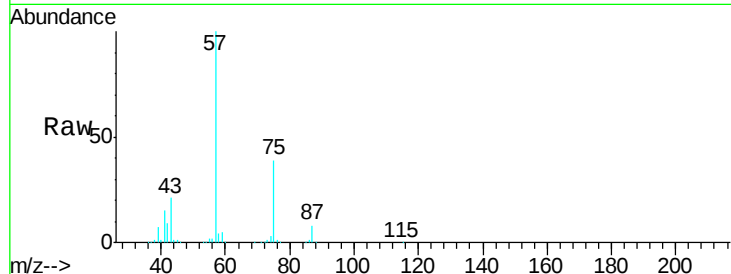




#59
2-Hexanone
Concen: 26.452 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

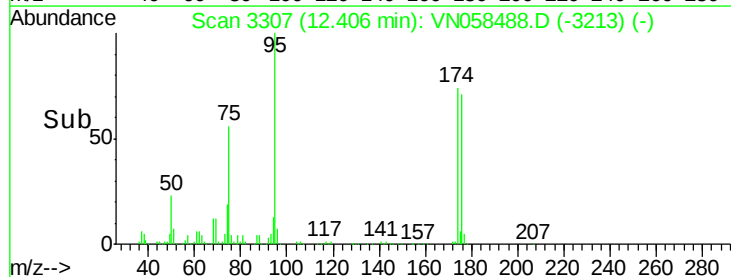
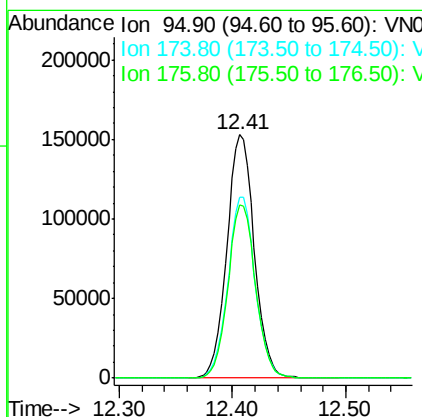
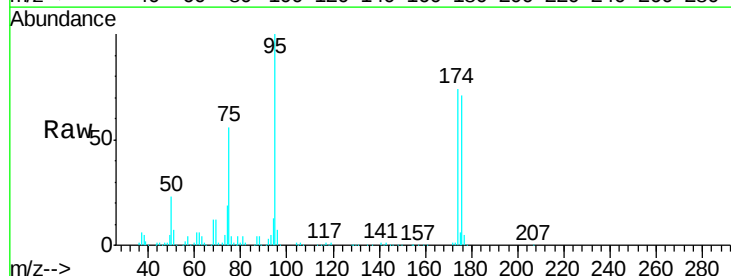
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

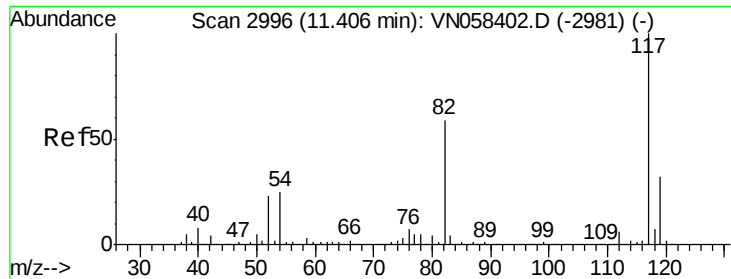
Tgt Ion: 43 Resp: 94758
Ion Ratio Lower Upper
43 100
58 18.2 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 47.245 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion: 95 Resp: 257679
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.6
176 71.6 0.0 146.2

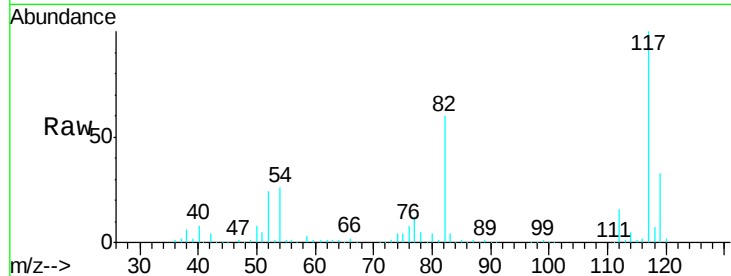




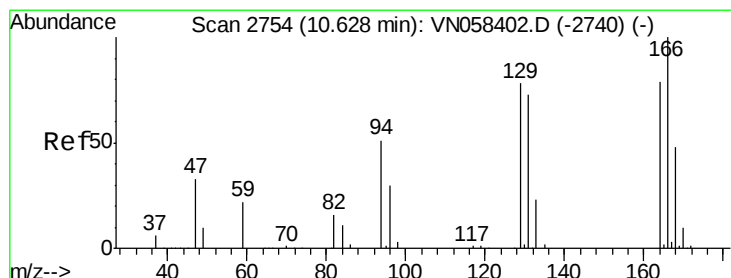
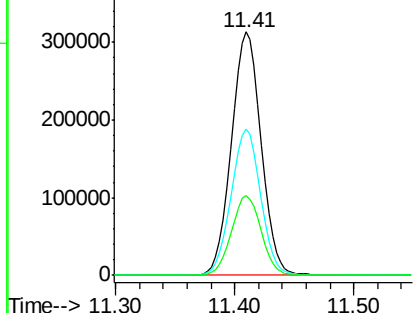
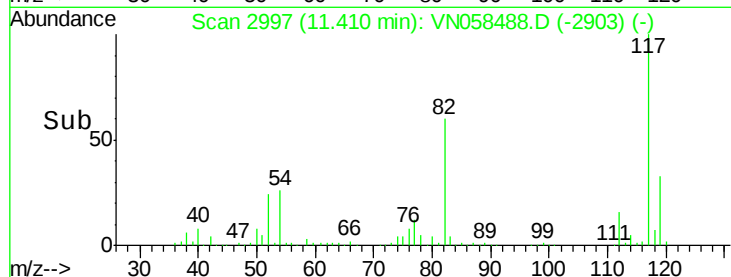
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

Tgt Ion:117 Resp: 542342
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 32.6 25.5 38.3

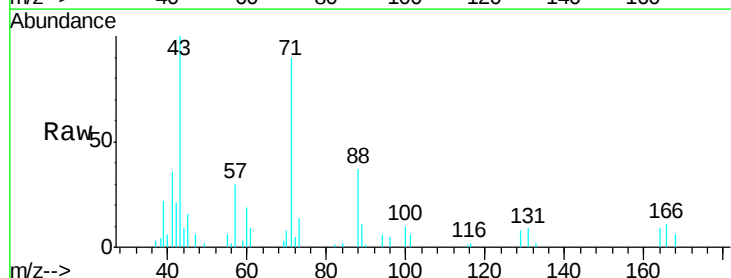


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

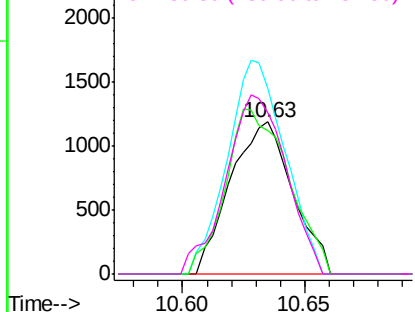
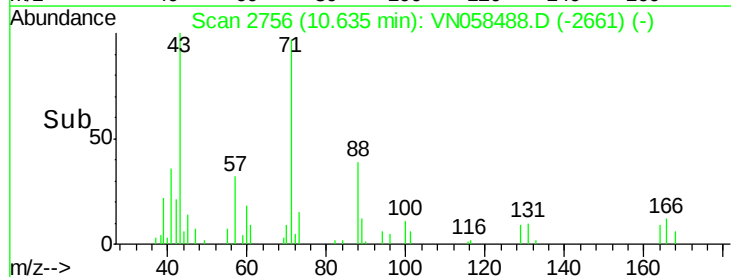


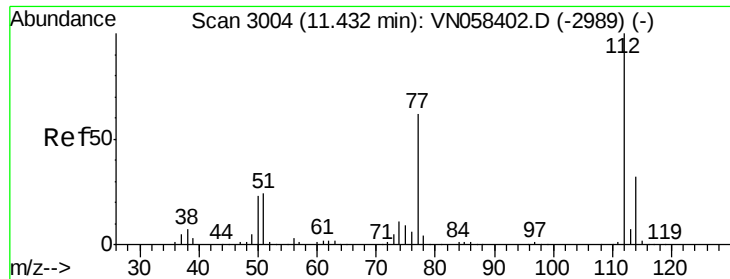
#64
Tetrachloroethene
Concen: 0.610 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.01 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion:164 Resp: 2101
Ion Ratio Lower Upper
164 100
166 122.1 101.1 151.7
129 94.3 79.2 118.8
131 106.1 74.1 111.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

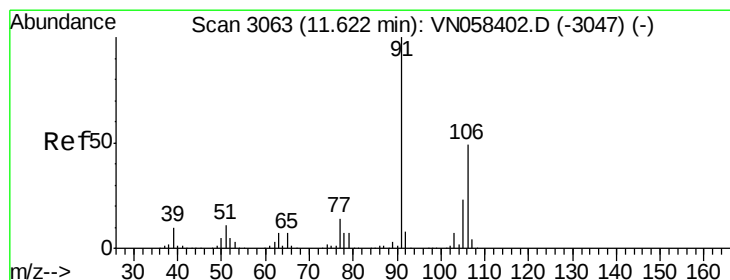
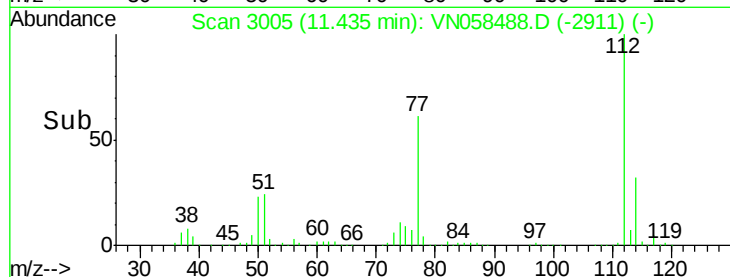
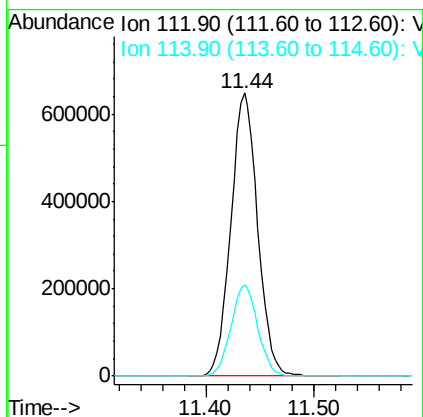
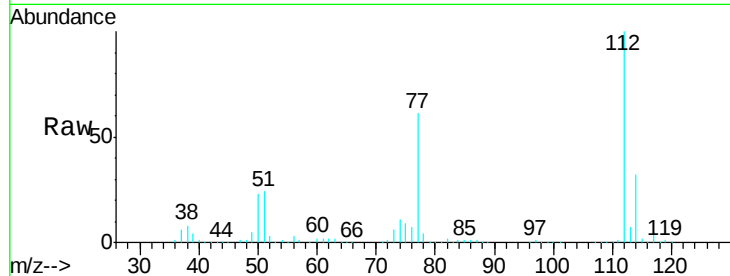




#65
Chlorobenzene
Concen: 104.144 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

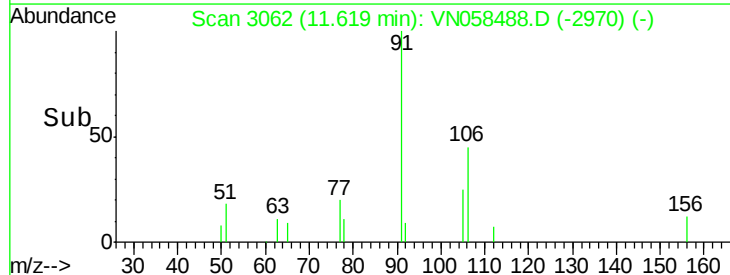
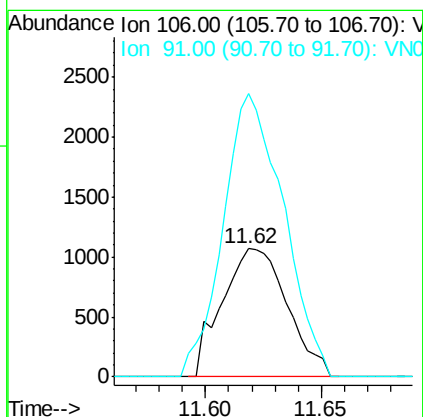
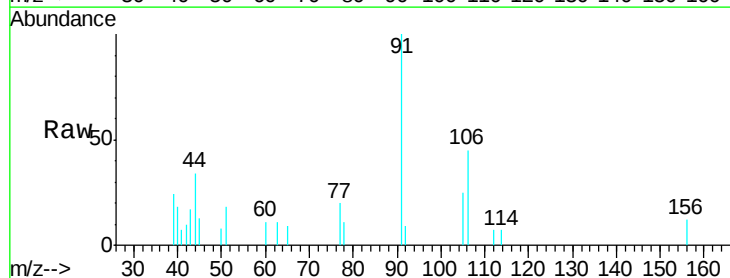
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

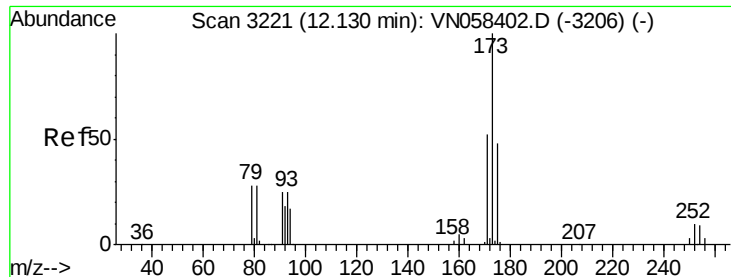
Tgt Ion:112 Resp: 1122728
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion:106 Resp: 2092
Ion Ratio Lower Upper
106 100
91 204.0 165.0 247.4





#71

Bromoform

Concen: 1.170 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-1

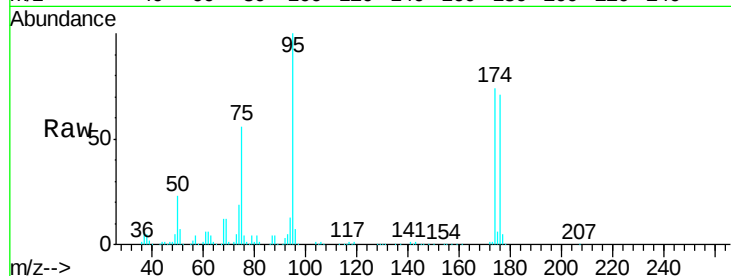
Tgt Ion:173 Resp: 1210

Ion Ratio Lower Upper

173 100

175 962.3 24.3 73.0#

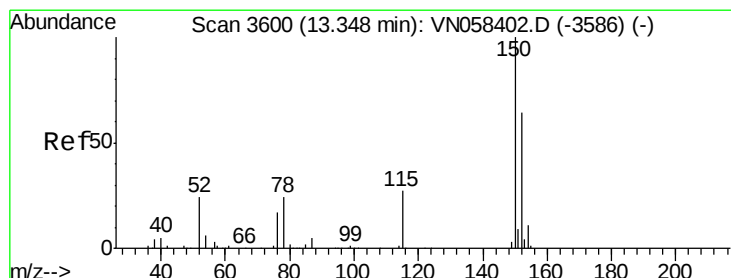
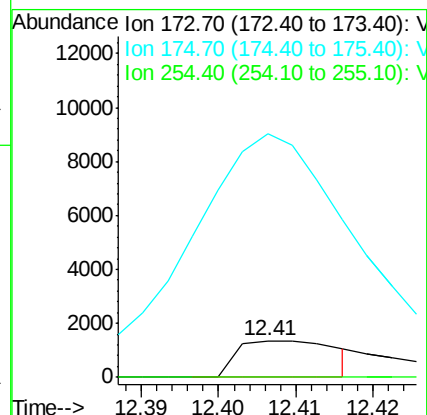
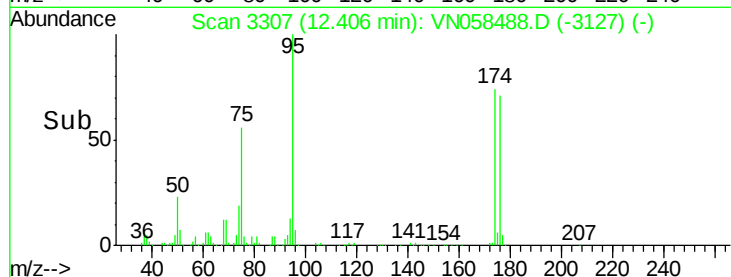
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

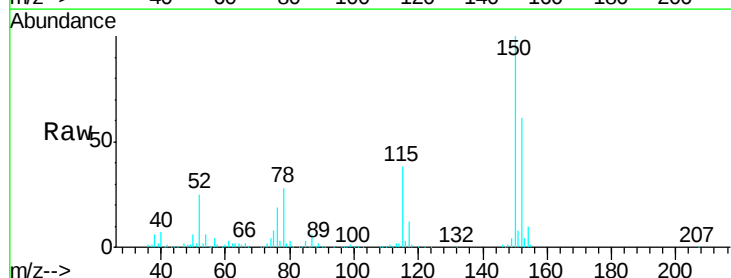
Tgt Ion:152 Resp: 209551

Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

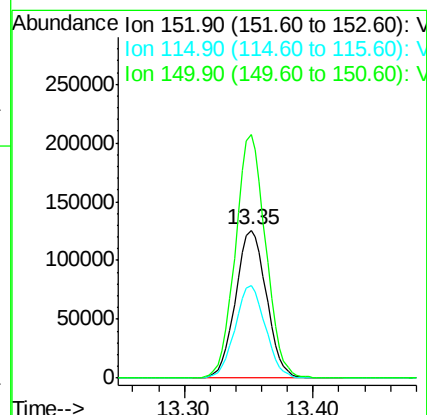
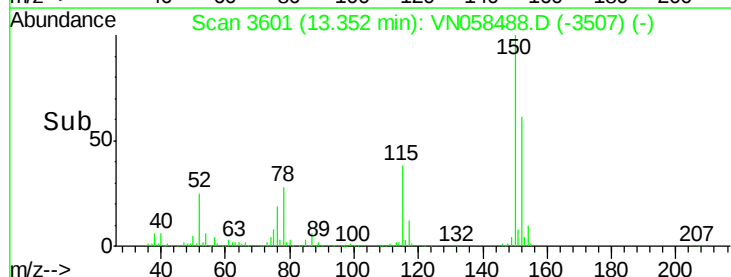
150 161.4 0.0 348.2

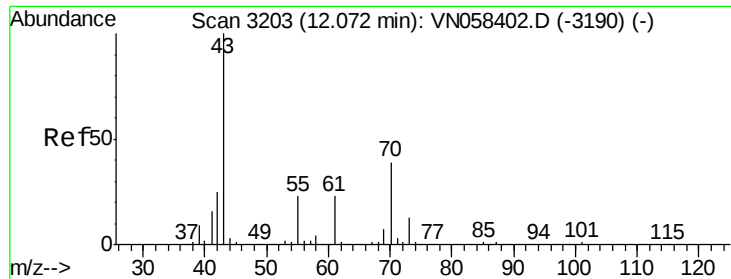


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.708 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-1

Tgt Ion: 43 Resp: 4361

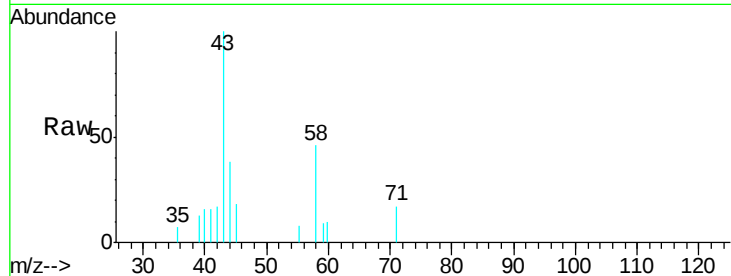
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 1.4 18.2 27.4#

61 0.0 18.3 27.5#

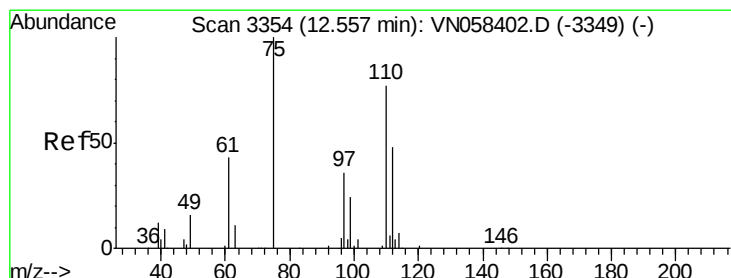
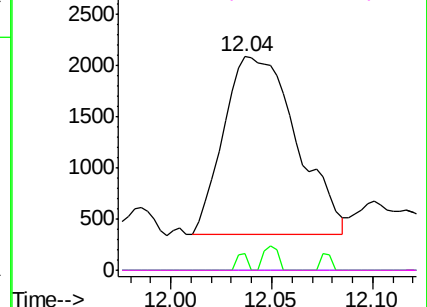
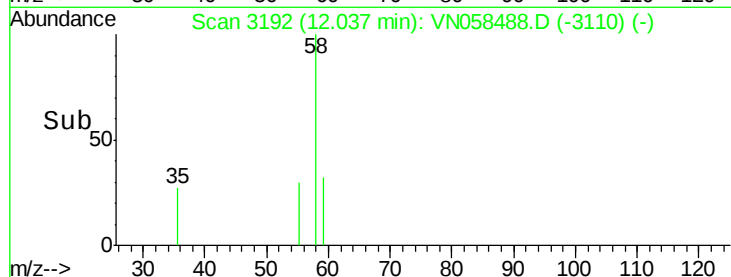


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 37.152 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058488.D

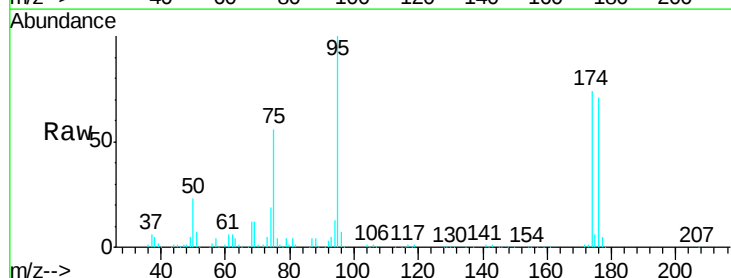
Acq: 2 Oct 2019 20:20

Tgt Ion: 75 Resp: 142197

Ion Ratio Lower Upper

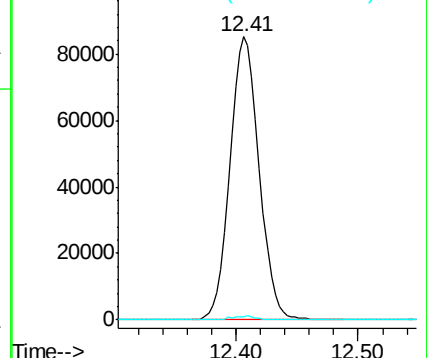
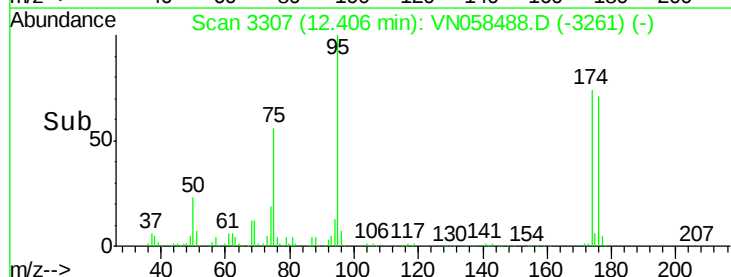
75 100

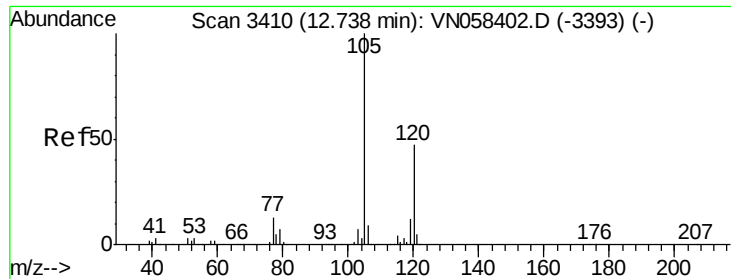
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.251 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

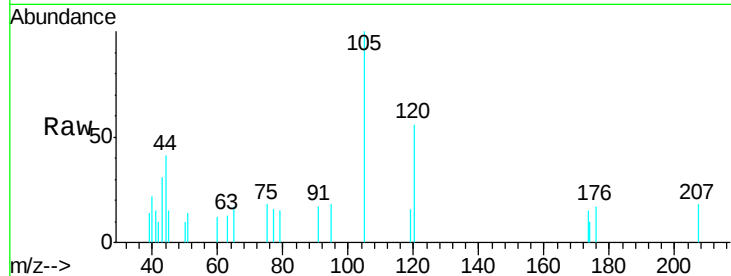
COMPOSITE-1

Tgt Ion: 105 Resp: 3252

Ion Ratio Lower Upper

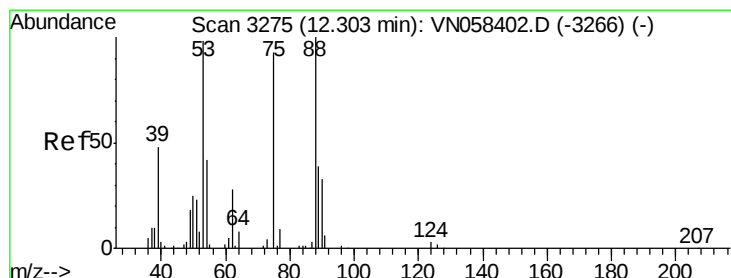
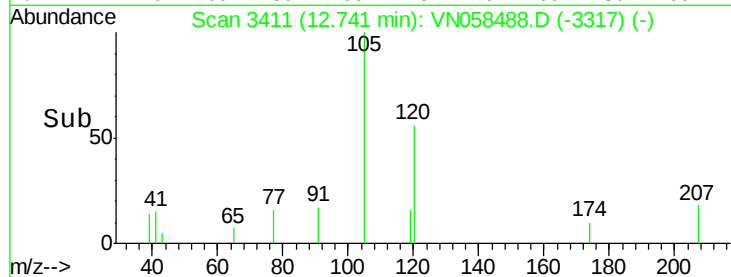
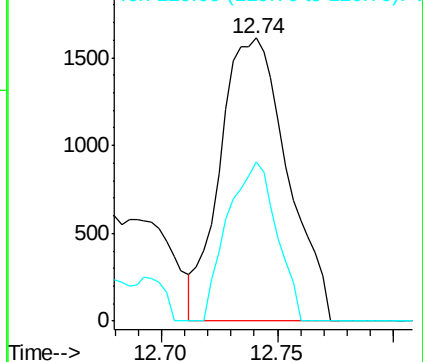
105 100

120 41.2 23.5 70.6



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: 112.834 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

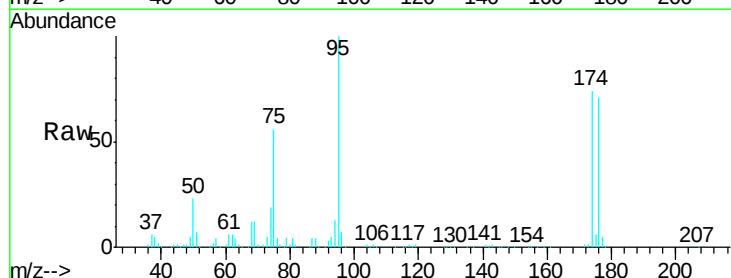
Tgt Ion: 75 Resp: 142197

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

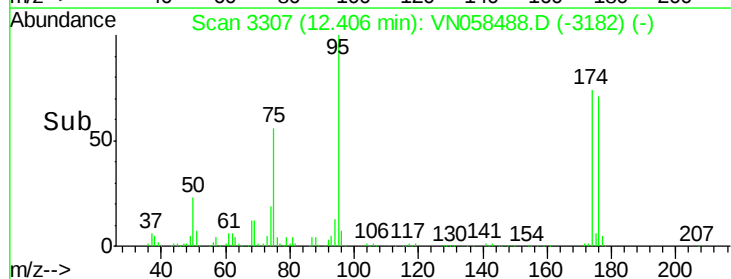
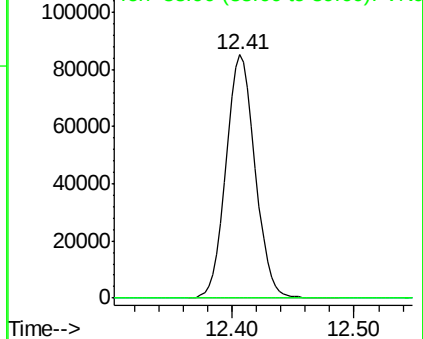
89 0.1 35.0 52.4#

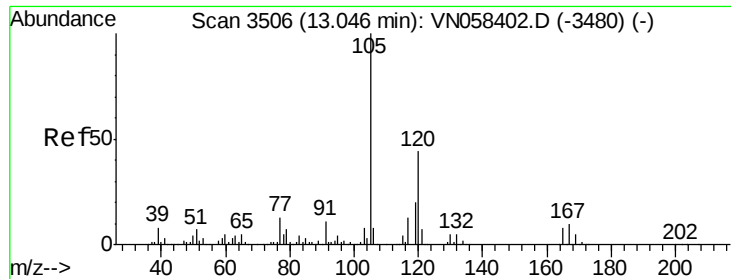


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

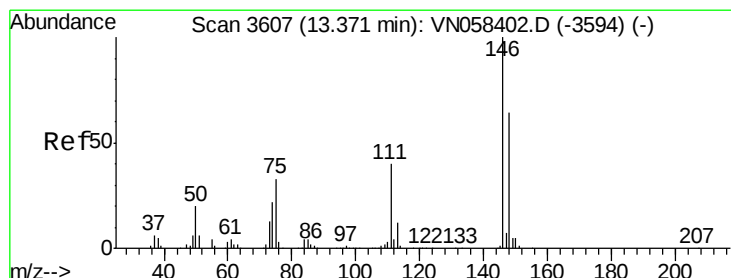
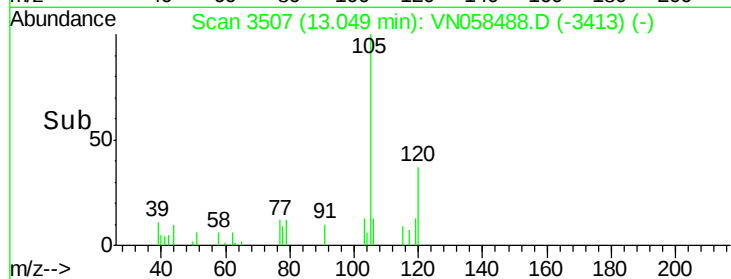
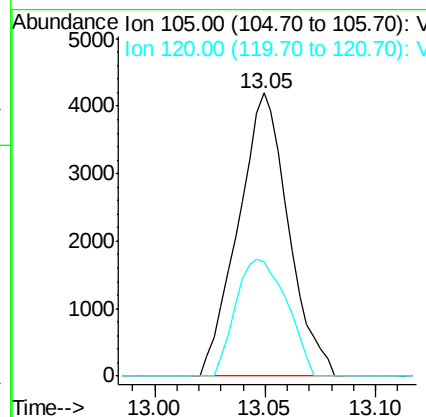
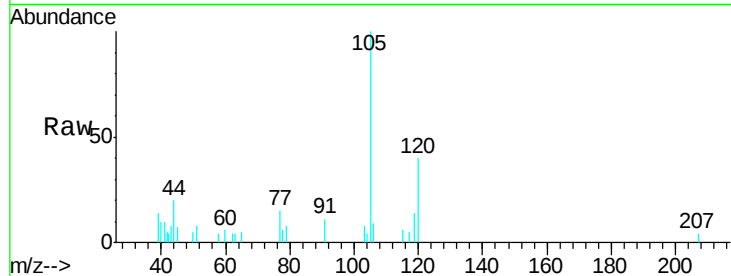




#84
 1,2,4-Trimethylbenzene
 Concen: 0.510 ug/l
 RT: 13.05 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

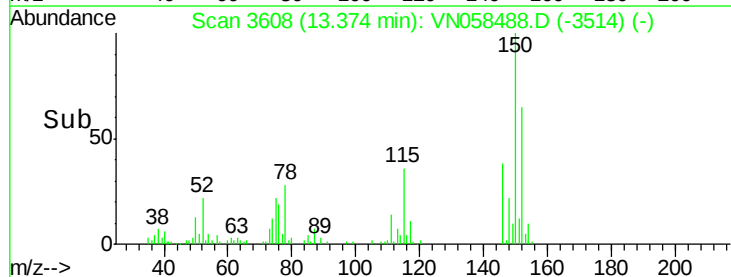
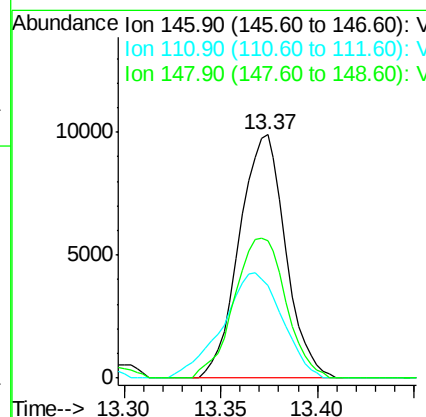
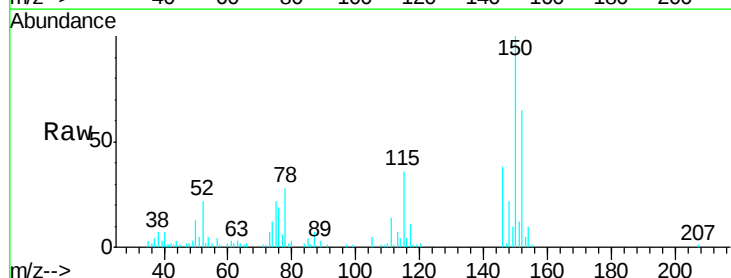
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

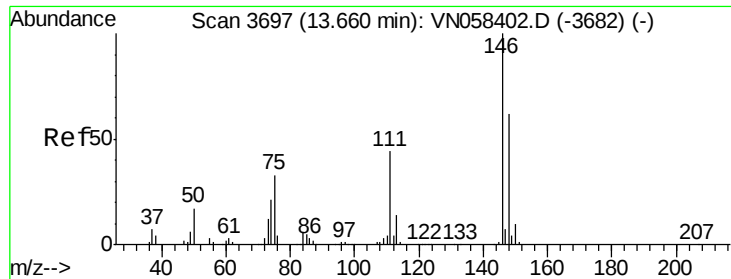
Tgt Ion:105 Resp: 6620
 Ion Ratio Lower Upper
 105 100
 120 41.8 21.7 65.1



#88
 1,4-Dichlorobenzene
 Concen: 2.510 ug/l
 RT: 13.37 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Tgt Ion:146 Resp: 16444
 Ion Ratio Lower Upper
 146 100
 111 55.5 20.5 61.6
 148 64.3 31.5 94.5

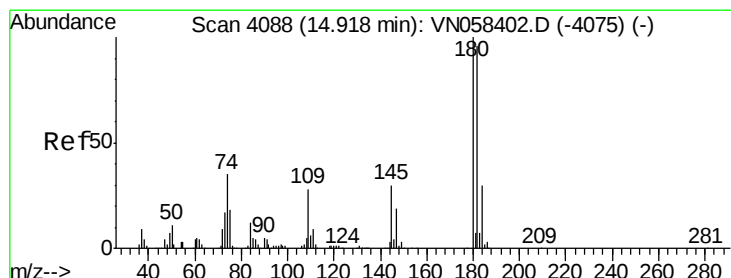
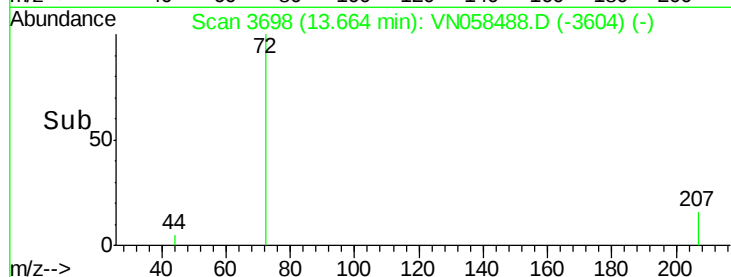
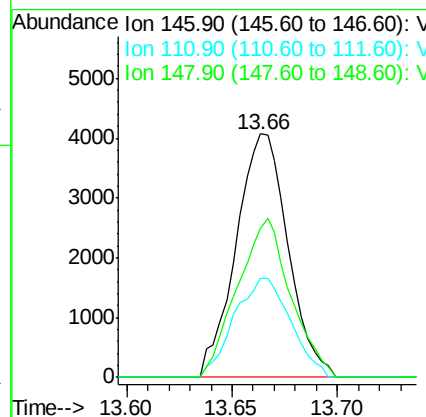
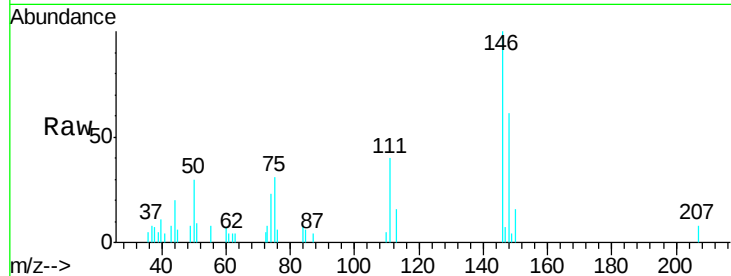




#91
 1,2-Dichlorobenzene
 Concen: 1.100 ug/l
 RT: 13.66 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

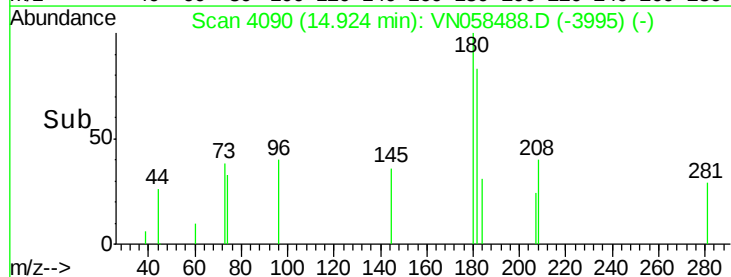
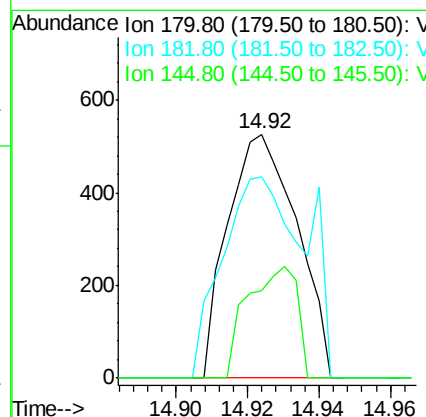
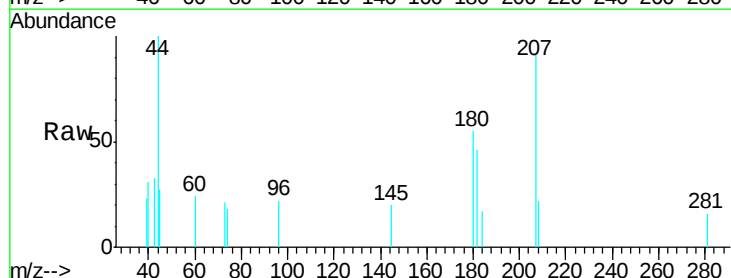
Instrument :
 MSVOA_N
 ClientSampled :
 COMPOSITE-1

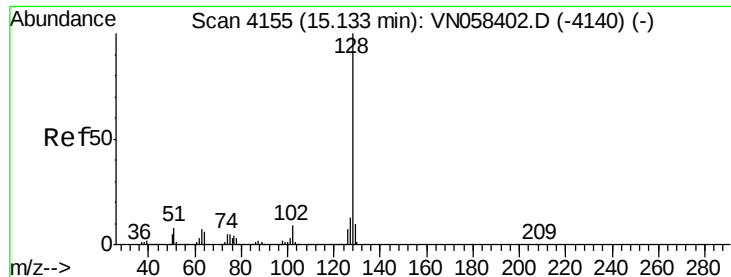
Tgt Ion:146 Resp: 6958
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.3
 148 66.8 31.5 94.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.202 ug/l
 RT: 14.92 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Tgt Ion:180 Resp: 705
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.4 142.3
 145 32.9 15.3 45.9

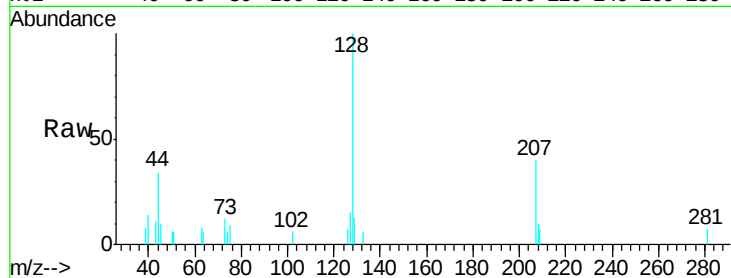




#95
Naphthalene
Concen: 0.457 ug/l
RT: 15.14 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

Tgt Ion:128 Resp: 4973
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.3 12.5



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

