

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058486.D
 Acq On : 2 Oct 2019 19:36
 Operator : JC/SP
 Sample : K5095-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-3

Quant Time: Oct 03 05:13:42 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	364104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	624481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	278296	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
35) Dibromofluoromethane	7.57	113	193915	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.09	98	787323	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.41	95	245885	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	1153	0.263	ug/l	88
4) Vinyl Chloride	2.17	62	939	0.218	ug/l	95
11) Tert butyl alcohol	4.75	59	1748	2.957	ug/l #	71
14) Allyl chloride	4.53	41	10532	1.685	ug/l #	21
16) Acetone	3.80	43	38711	21.342	ug/l	99
17) Carbon Disulfide	4.03	76	4656	0.514	ug/l #	74
18) Methyl Acetate	4.32	43	3845	0.843	ug/l #	81
20) Methylene Chloride	4.53	84	282874	67.580	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	1202	0.315	ug/l #	72
24) 1,1-Dichloroethane	5.83	63	11830	1.563	ug/l #	95
25) 2-Butanone	6.83	43	10535	4.230	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	23176	5.192	ug/l	91
31) Cyclohexane	7.64	56	10282	1.396	ug/l #	28
36) 1,1-Dichloropropene	7.65	75	32928	5.514	ug/l #	51
38) Carbon Tetrachloride	7.65	117	38064	7.062	ug/l #	16
39) Methylcyclohexane	9.08	83	3241	0.465	ug/l	97
40) Benzene	8.03	78	19515	1.137	ug/l	95
43) Isopropyl Acetate	8.16	43	116203	12.206	ug/l #	92
44) Trichloroethene	8.83	130	888	0.210	ug/l	74
45) 1,2-Dichloropropane	9.26	63	1828	0.397	ug/l #	43
48) Methyl methacrylate	9.17	41	6037	1.393	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	7895	1.614	ug/l	94
52) Toluene	10.15	92	2784	0.258	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	35935	5.385	ug/l #	68
55) 1,1,2-Trichloroethane	10.53	97	834	0.212	ug/l #	13
57) 1,3-Dichloropropane	10.77	76	5918	0.843	ug/l #	43
59) 2-Hexanone	10.76	43	91797	25.780	ug/l #	54
60) Dibromochloromethane	10.63	129	4075	0.452	ug/l #	11
64) Tetrachloroethene	10.63	164	3965	1.167	ug/l	93
65) Chlorobenzene	11.44	112	45805	4.310	ug/l	96
67) Ethyl Benzene	11.52	91	19943	1.036	ug/l	98
68) m/p-Xylenes	11.62	106	9076	1.253	ug/l	96
69) o-Xylene	11.95	106	8640	1.239	ug/l	97
71) Bromoform	12.41	173	1782	1.405	ug/l #	1

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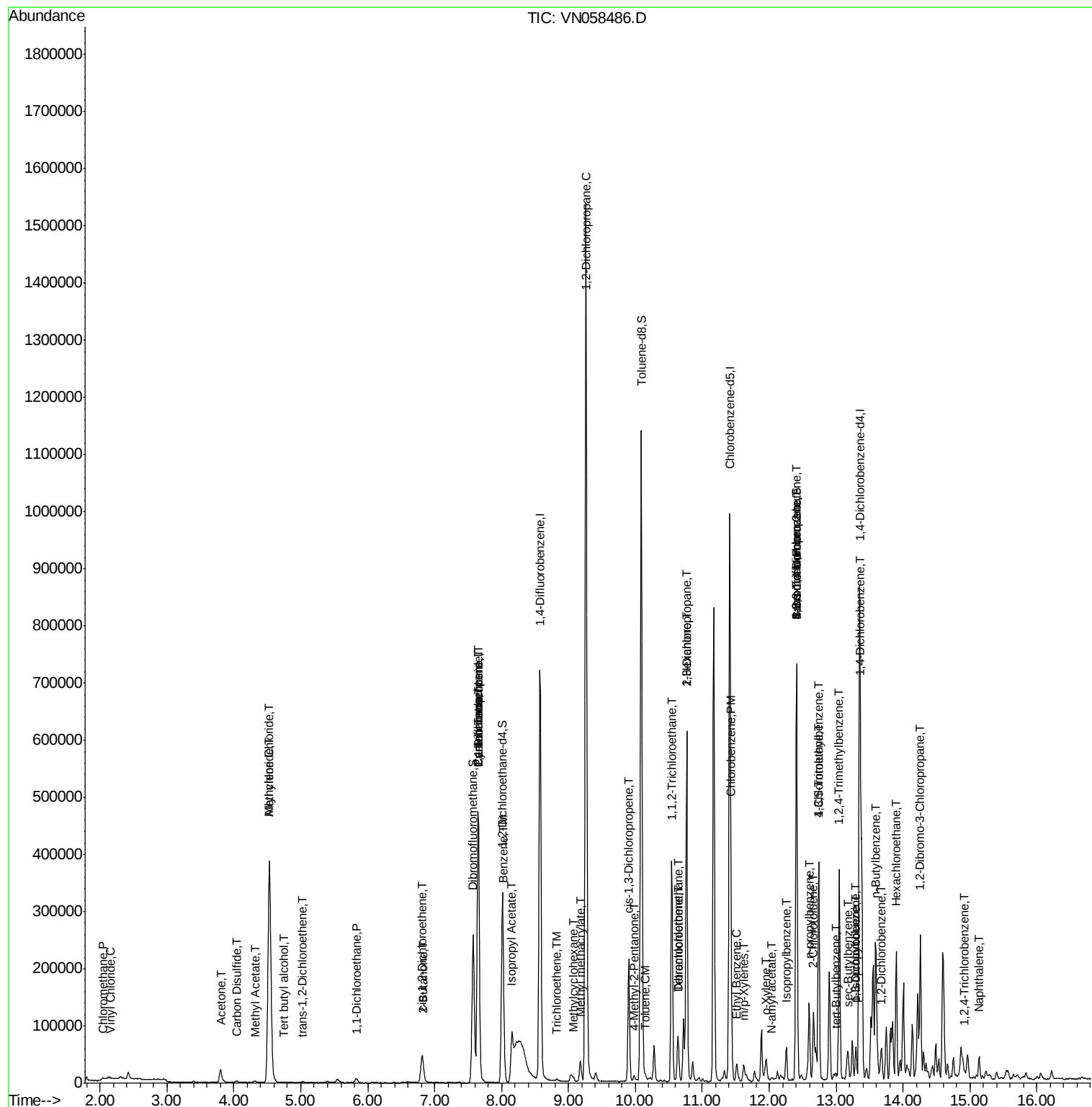
73) Isopropylbenzene	12.26	105	36088	2.340	ug/l	100
74) N-amyl acetate	12.04	43	4424	0.721	ug/l #	45
76) 1,2,3-Trichloropropane	12.41	75	138384	36.299	ug/l #	100
78) n-propylbenzene	12.60	91	108759	6.258	ug/l	100
79) 2-Chlorotoluene	12.66	91	8864	0.826	ug/l #	48
80) 1,3,5-Trimethylbenzene	12.74	105	200630	15.538	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.41	75	138384	110.245	ug/l #	8
82) 4-Chlorotoluene	12.74	91	22549	2.060	ug/l #	43
83) tert-Butylbenzene	13.00	119	5377	0.494	ug/l	93
84) 1,2,4-Trimethylbenzene	13.05	105	197039	15.231	ug/l	99
85) sec-Butylbenzene	13.18	105	30045	2.095	ug/l #	74
86) p-Isopropyltoluene	13.30	119	23706	1.878	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	5210	0.794	ug/l	93
88) 1,4-Dichlorobenzene	13.37	146	18090	2.772	ug/l	86
89) n-Butylbenzene	13.59	91	16470	1.440	ug/l #	1
90) Hexachloroethane	13.90	117	11811	6.227	ug/l #	11
91) 1,2-Dichlorobenzene	13.66	146	7145	1.134	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.26	75	1480	1.840	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.92	180	2228	0.640	ug/l #	80
95) Naphthalene	15.14	128	30663	2.979	ug/l	100

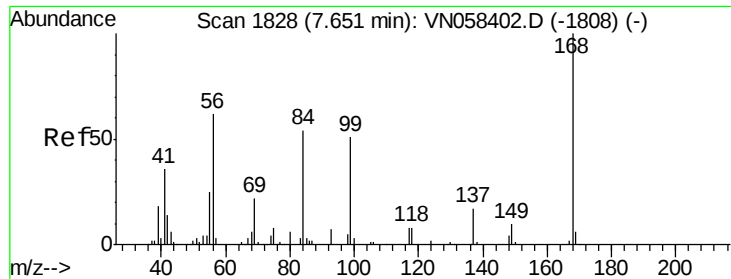
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058486.D

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Instrument :

MSVOA_N

ClientSampleId :

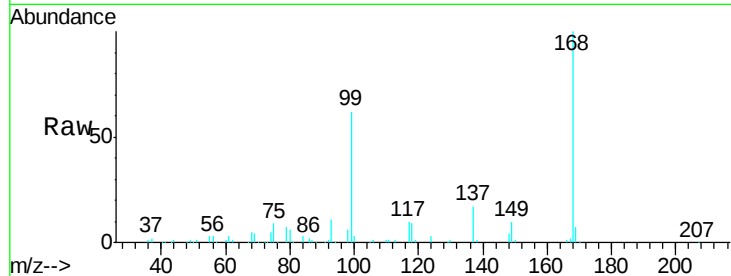
COMPOSITE-3

Tgt Ion:168 Resp: 364104

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

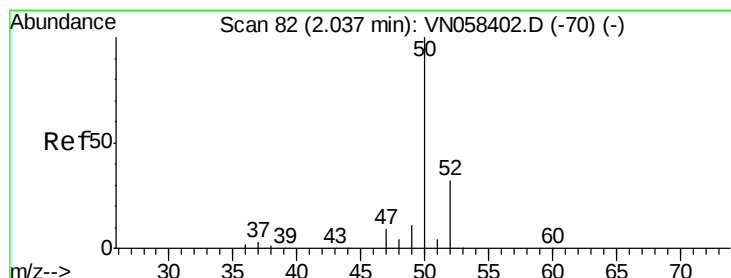
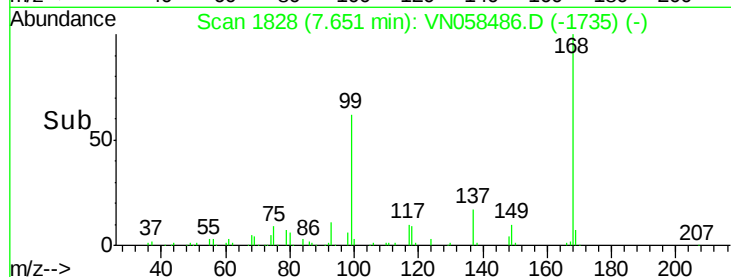
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.263 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.01 min

Lab File: VN058486.D

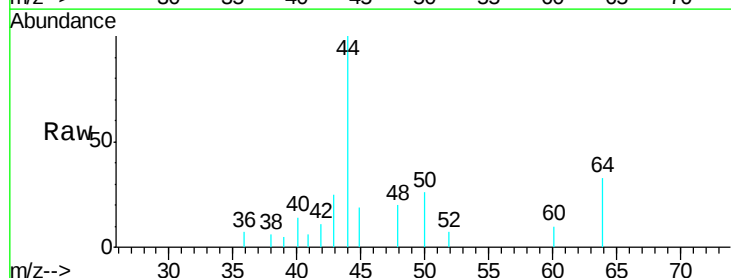
Acq: 2 Oct 2019 19:36

Tgt Ion: 50 Resp: 1153

Ion Ratio Lower Upper

50 100

52 25.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

800

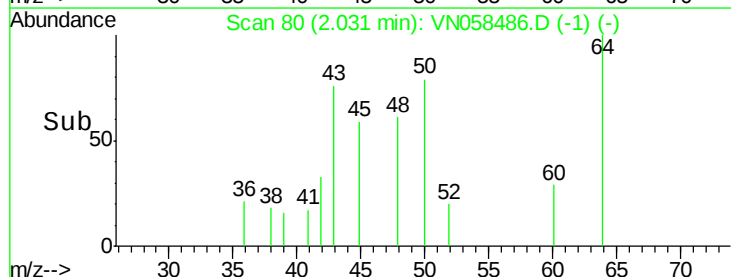
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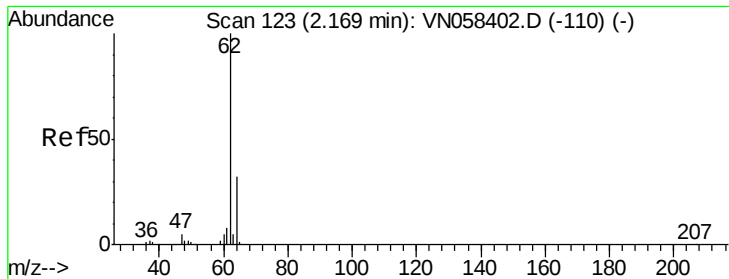
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.218 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

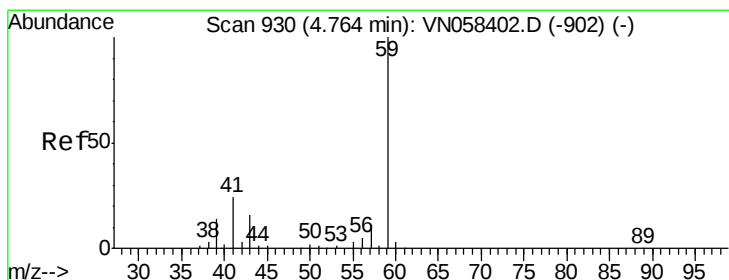
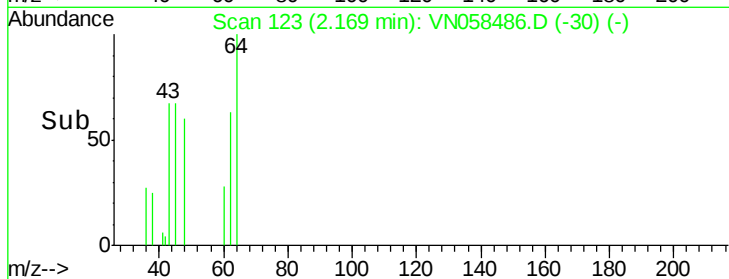
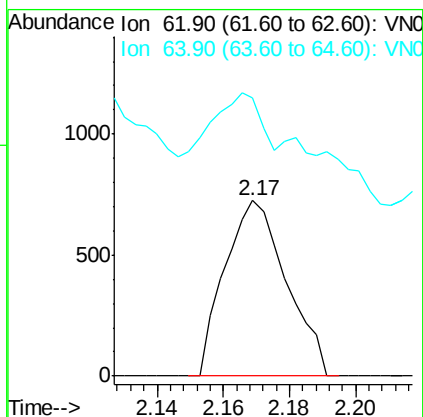
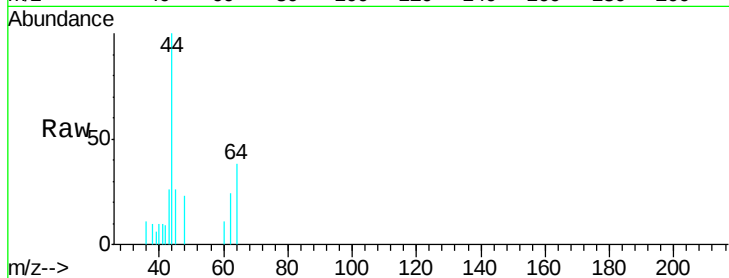
COMPOSITE-3

Tgt Ion: 62 Resp: 939

Ion Ratio Lower Upper

62 100

64 34.9 25.5 38.3



#11

Tert butyl alcohol

Concen: 2.957 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.02 min

Lab File: VN058486.D

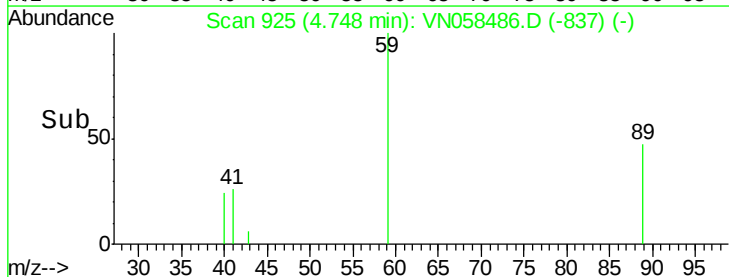
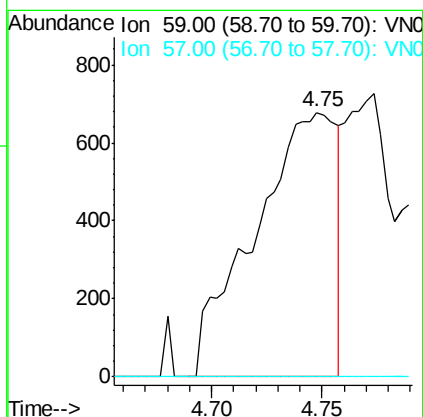
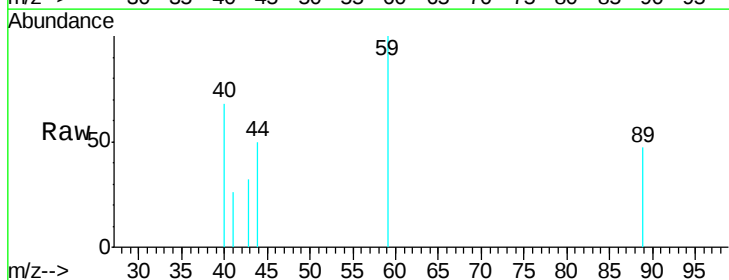
Acq: 2 Oct 2019 19:36

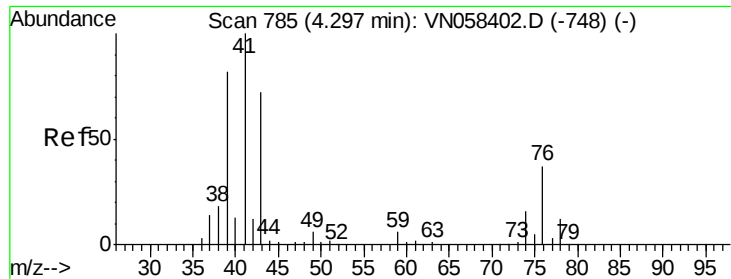
Tgt Ion: 59 Resp: 1748

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#

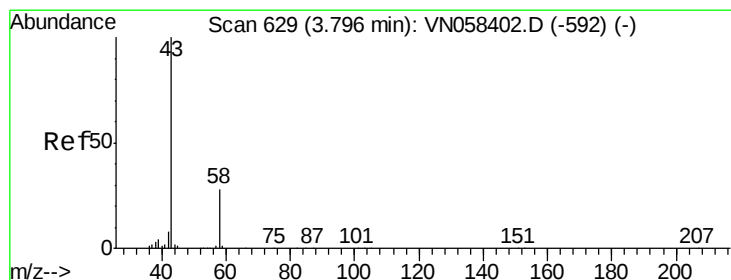
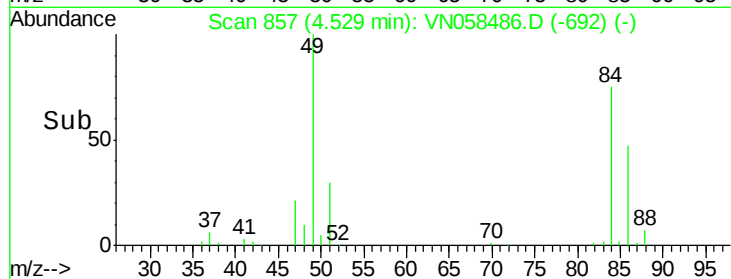
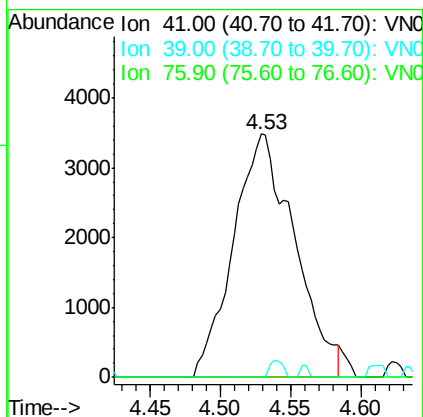
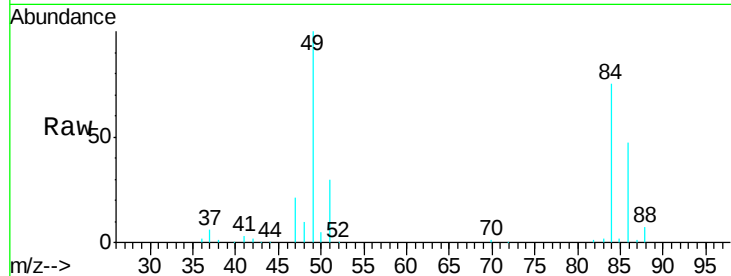




#14
 Allyl chloride
 Concen: 1.685 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. 0.23 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

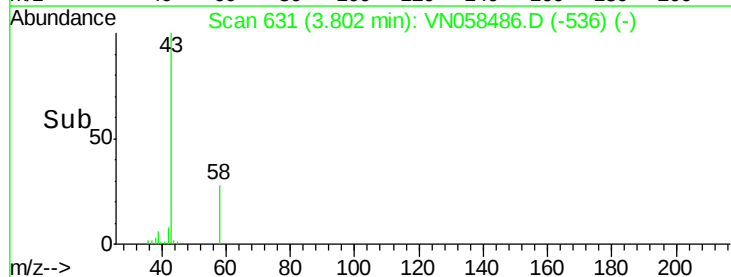
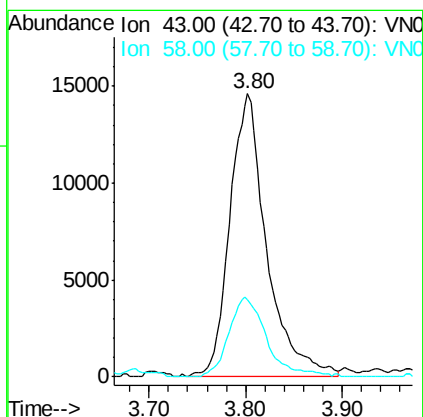
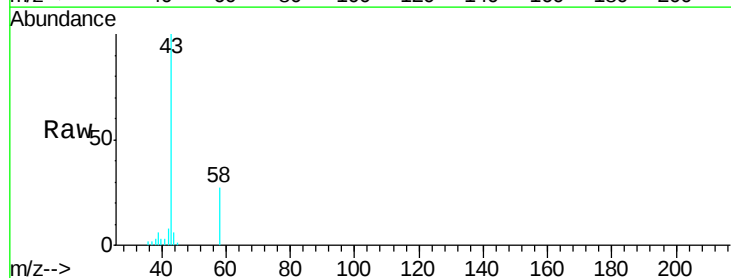
Instrument :
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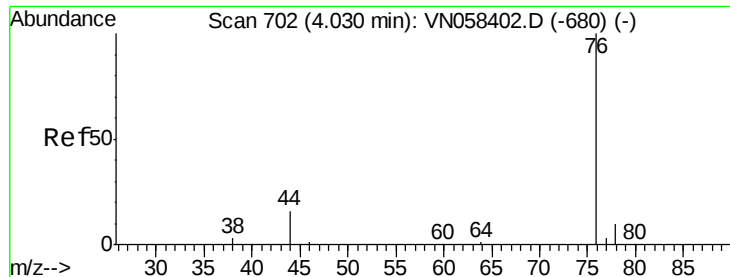
Tgt Ion: 41 Resp: 10532
 Ion Ratio Lower Upper
 41 100
 39 1.5 62.3 93.5#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 21.342 ug/l
 RT: 3.80 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 43 Resp: 38711
 Ion Ratio Lower Upper
 43 100
 58 27.2 22.4 33.6

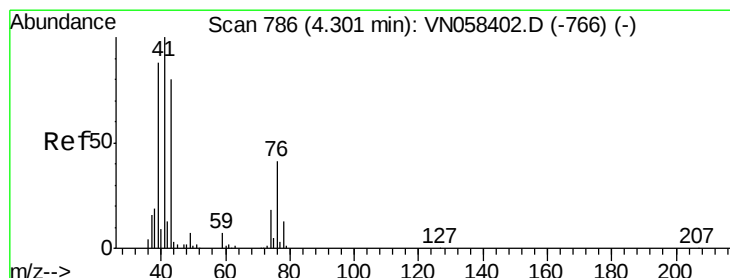
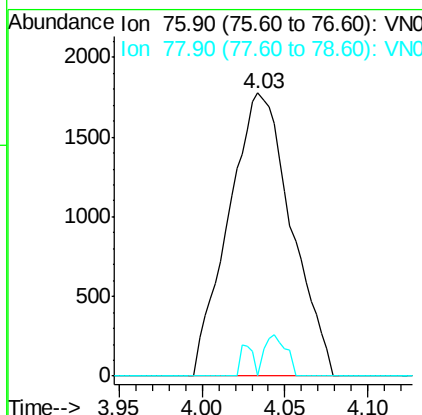
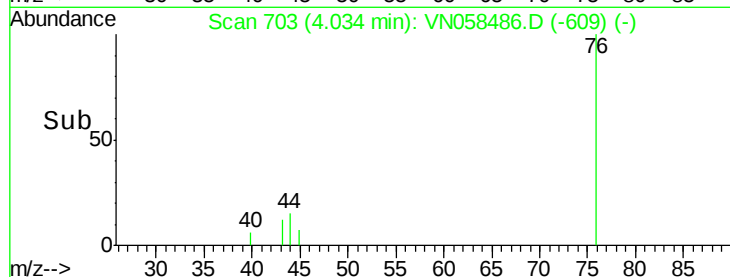
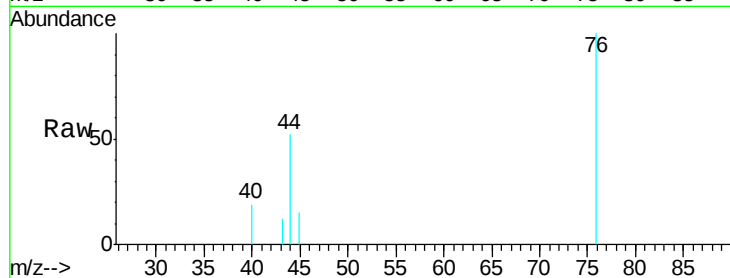




#17
Carbon Disulfide
Concen: 0.514 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

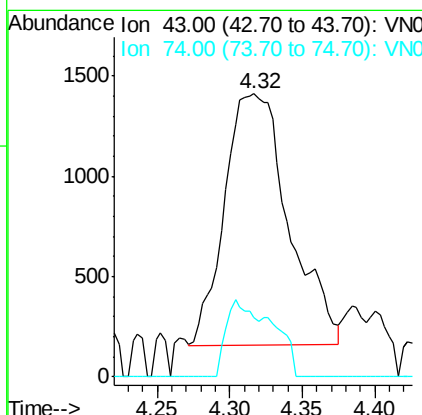
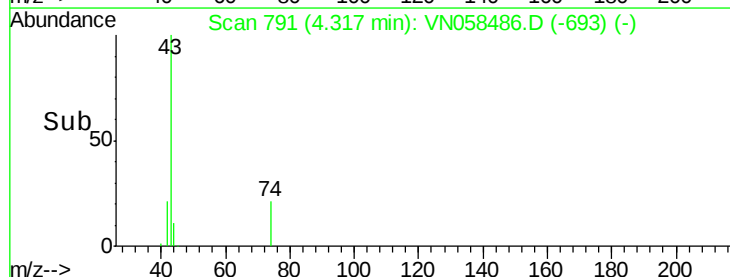
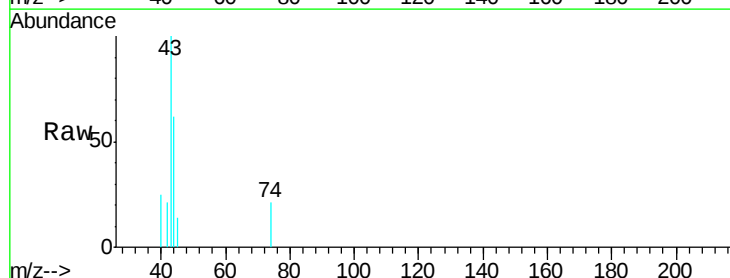
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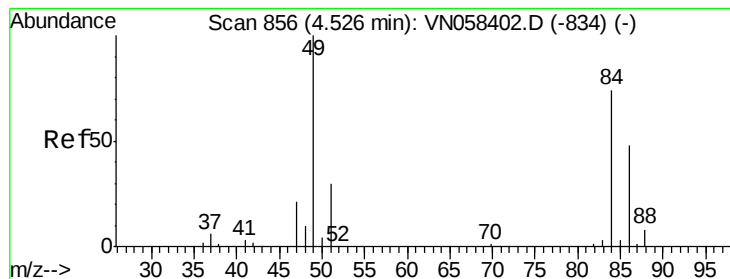
Tgt Ion: 76 Resp: 4656
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 0.843 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Tgt Ion: 43 Resp: 3845
Ion Ratio Lower Upper
43 100
74 13.5 18.0 27.0#





#20

Methylene Chloride

Concen: 67.580 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-3

Tgt Ion: 84 Resp: 282874

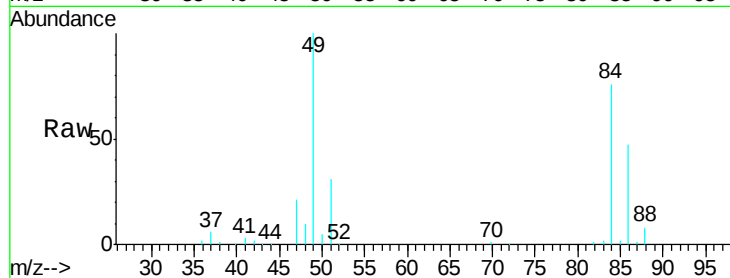
Ion Ratio Lower Upper

84 100

49 132.3 107.9 161.9

51 40.4 32.8 49.2

86 62.6 51.5 77.3

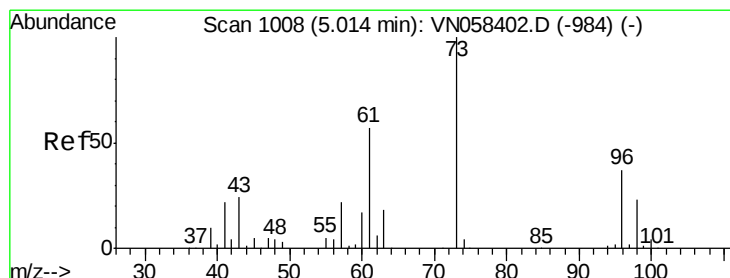
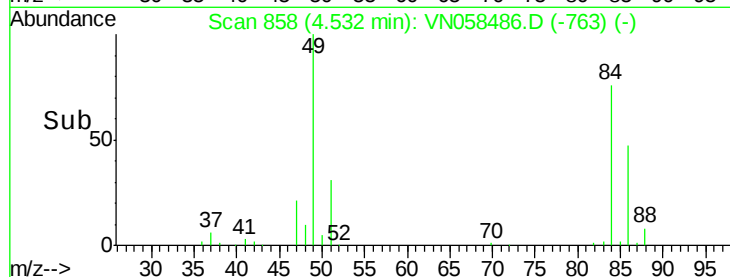
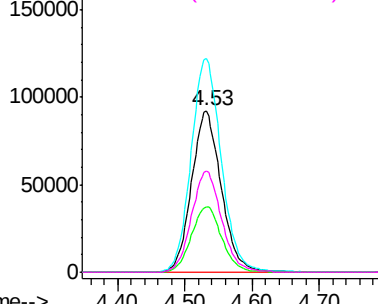


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 0.315 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.01 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

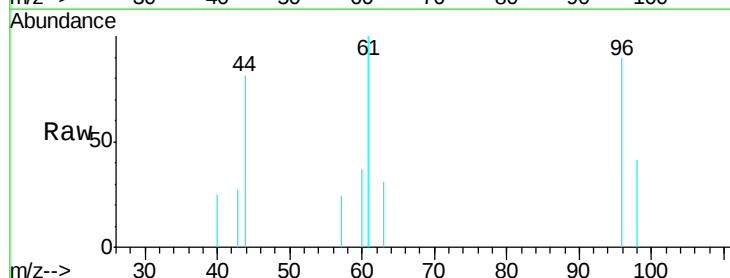
Tgt Ion: 96 Resp: 1202

Ion Ratio Lower Upper

96 100

61 111.7 121.9 182.9#

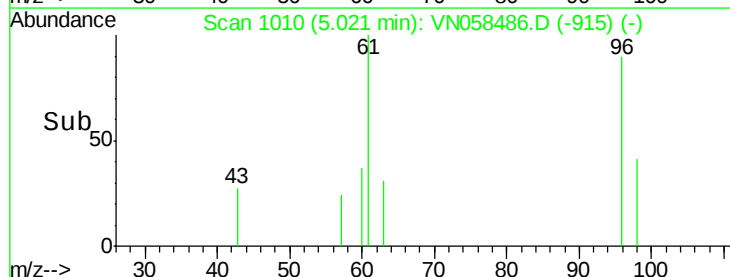
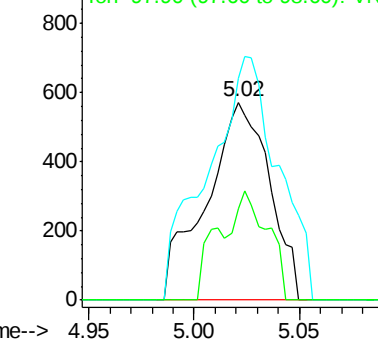
98 46.1 49.3 73.9#

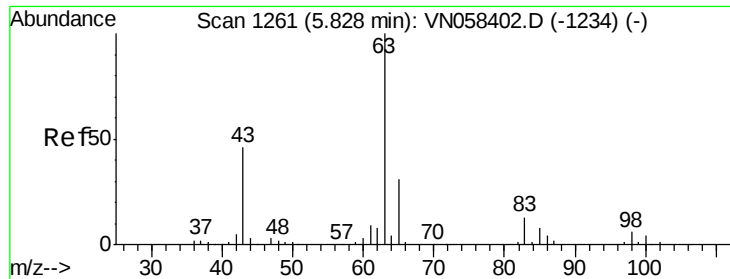


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

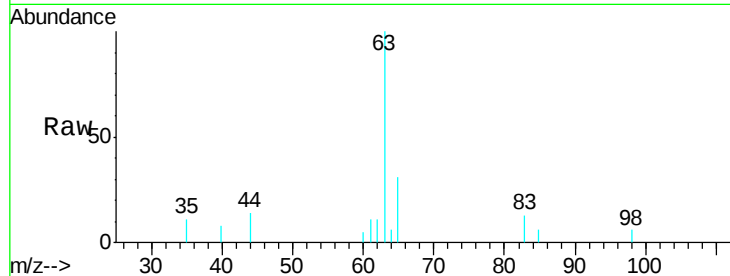




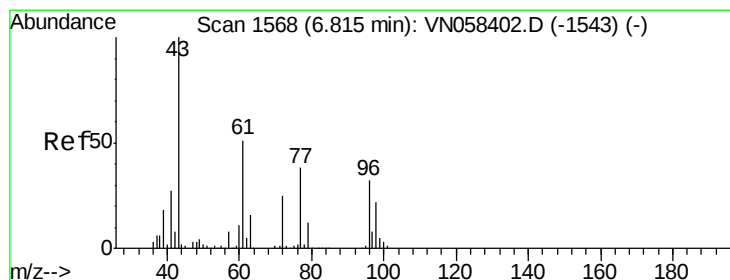
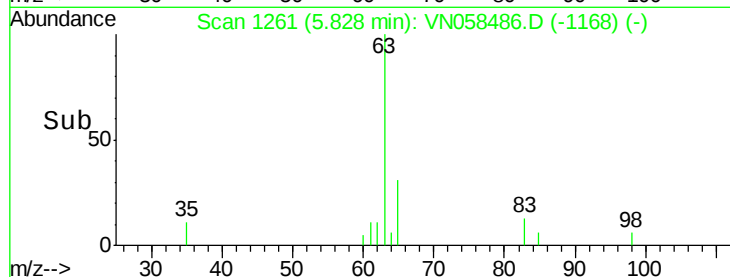
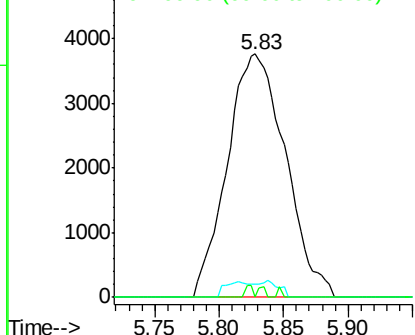
#24
 1,1-Dichloroethane
 Concen: 1.563 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

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Tgt Ion: 63 Resp: 11830
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.0 9.0
 100 0.0 2.0 5.8#

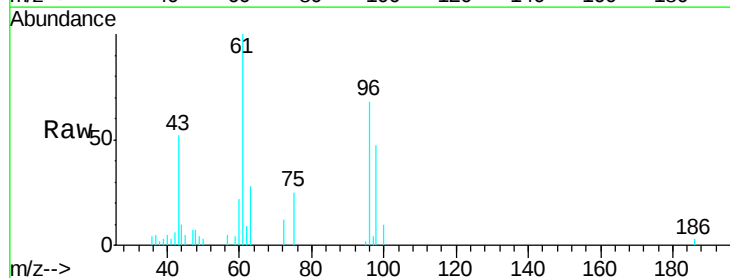


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

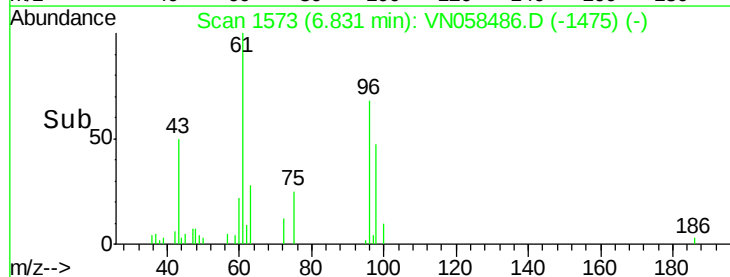
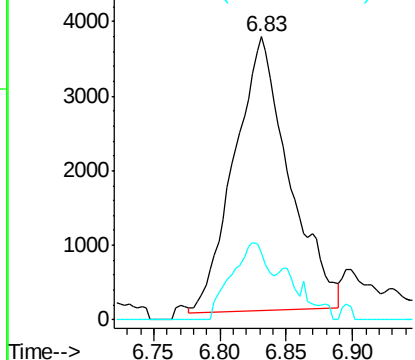


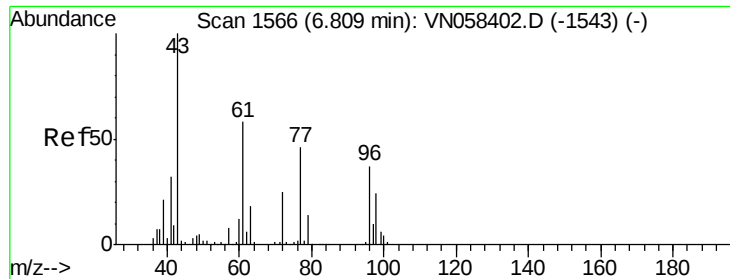
#25
 2-Butanone
 Concen: 4.230 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 43 Resp: 10535
 Ion Ratio Lower Upper
 43 100
 72 24.9 20.2 30.4



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





#27

cis-1,2-Dichloroethene

Concen: 5.192 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-3

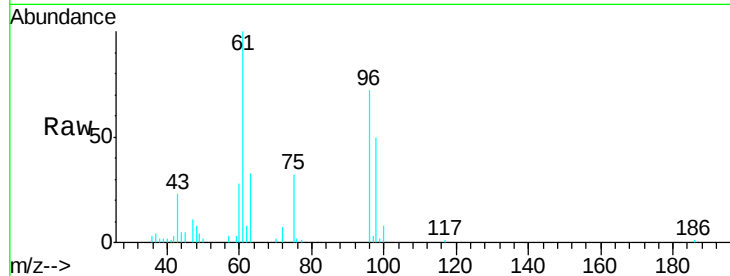
Tgt Ion: 96 Resp: 23176

Ion Ratio Lower Upper

96 100

61 142.9 0.0 318.8

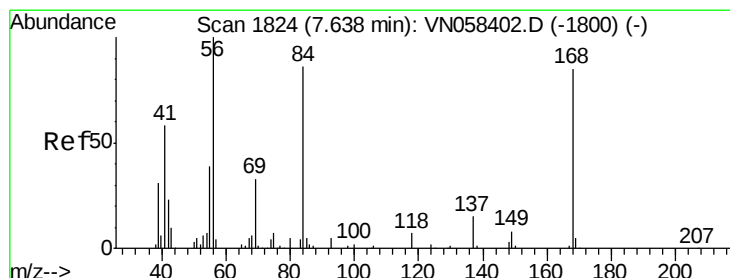
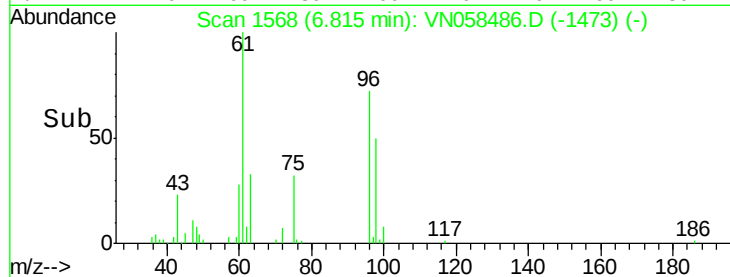
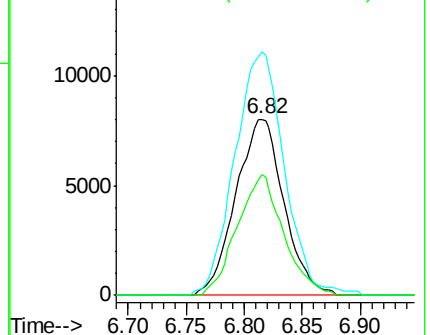
98 66.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN058486.D (-1731) (-)

Ion 60.90 (60.60 to 61.60): VN058486.D (-1731) (-)

Ion 97.90 (97.60 to 98.60): VN058486.D (-1731) (-)



#31

Cyclohexane

Concen: 1.396 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

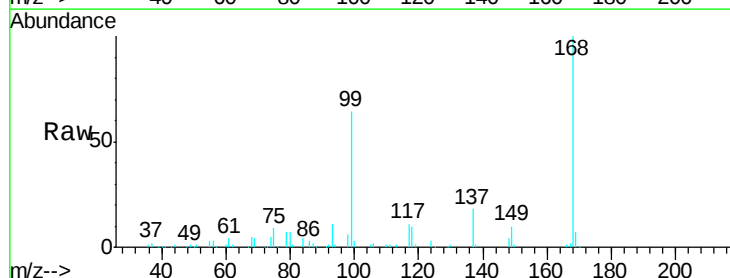
Tgt Ion: 56 Resp: 10282

Ion Ratio Lower Upper

56 100

69 127.1 26.2 39.4#

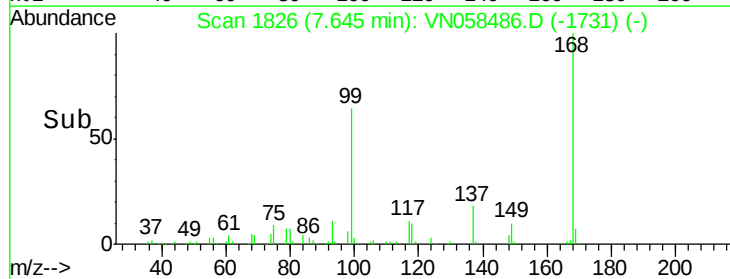
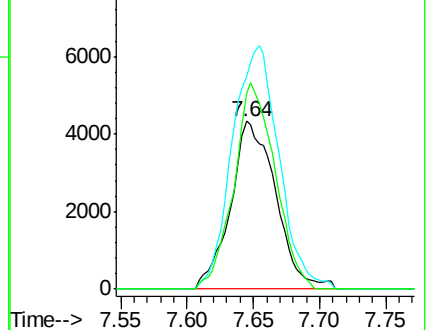
84 116.9 67.6 101.4#

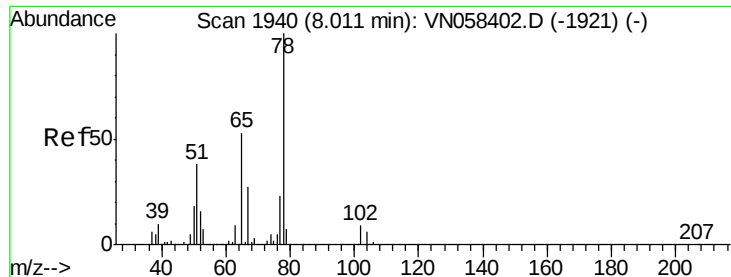


Abundance Ion 56.00 (55.70 to 56.70): VN058486.D (-1731) (-)

Ion 69.00 (68.70 to 69.70): VN058486.D (-1731) (-)

Ion 84.00 (83.70 to 84.70): VN058486.D (-1731) (-)

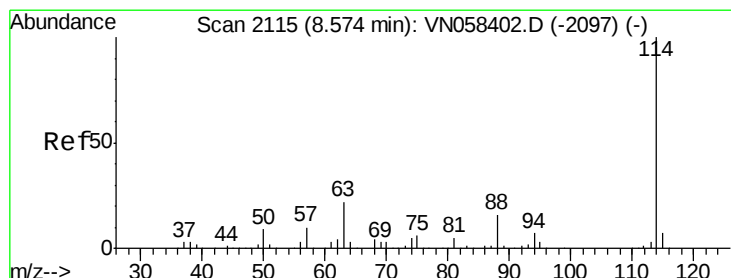
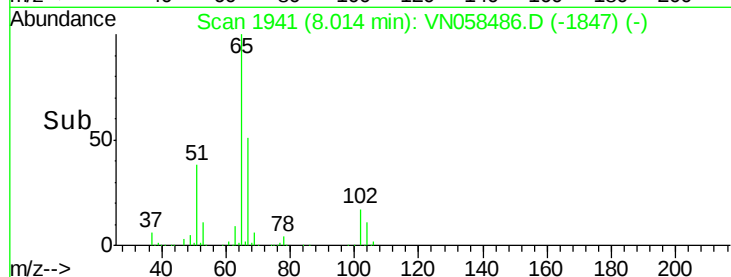
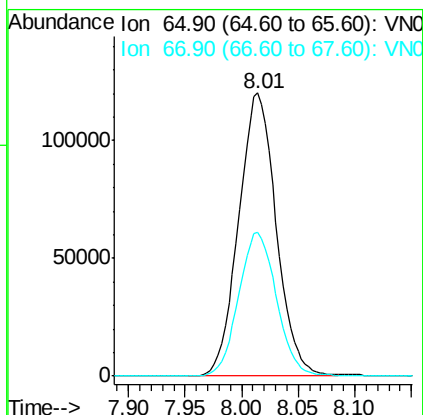
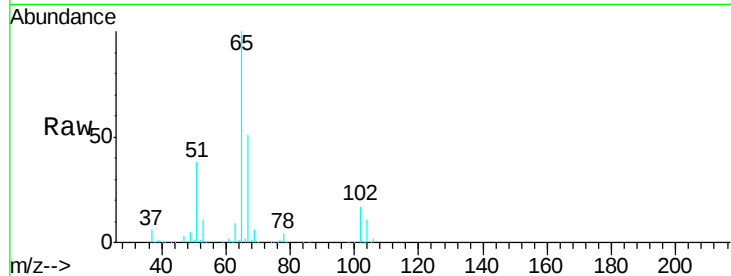




#33
 1,2-Dichloroethane-d4
 Concen: 52.303 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

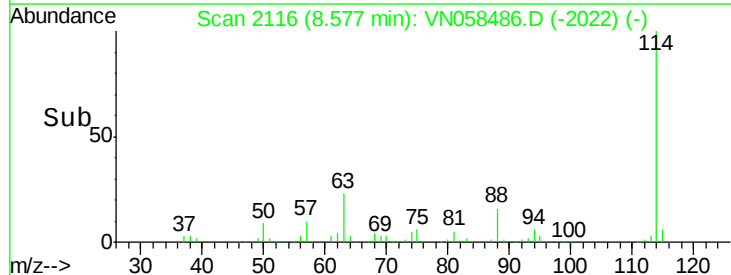
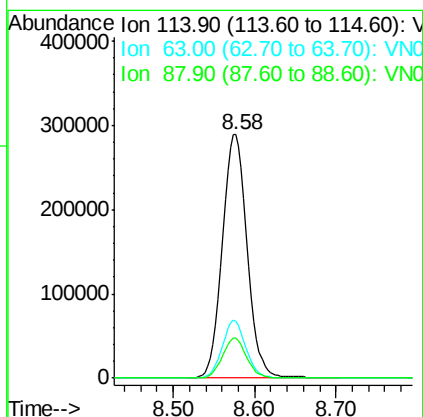
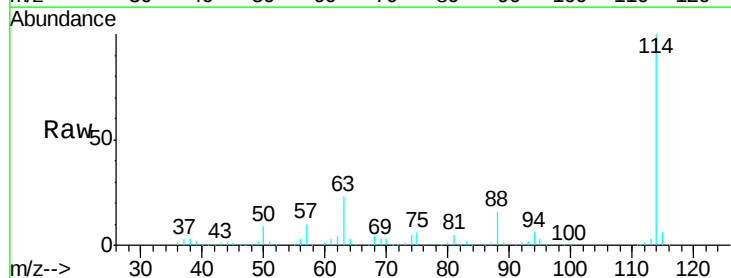
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-3

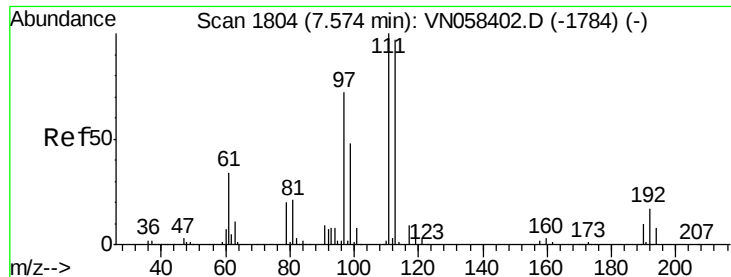
Tgt Ion: 65 Resp: 278296
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 114 Resp: 624481
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 16.3 0.0 32.2

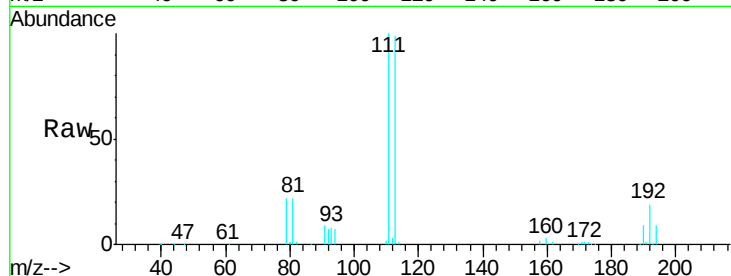




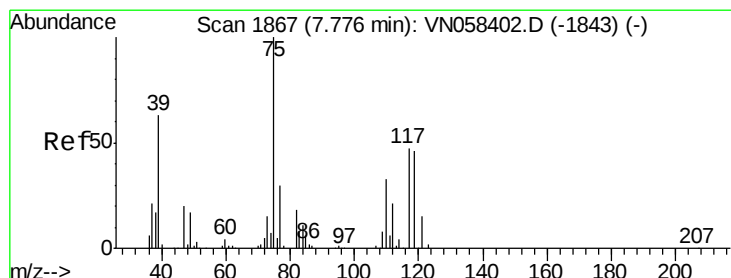
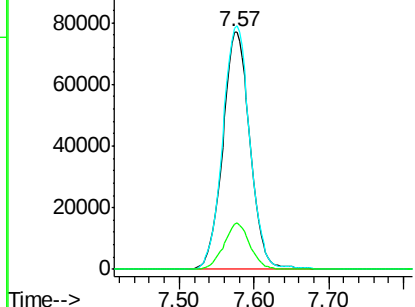
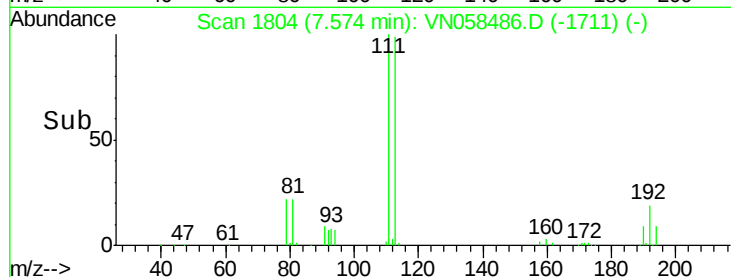
#35
 Dibromofluoromethane
 Concen: 50.665 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-3

Tgt Ion: 113 Resp: 193915
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 18.5 14.9 22.3

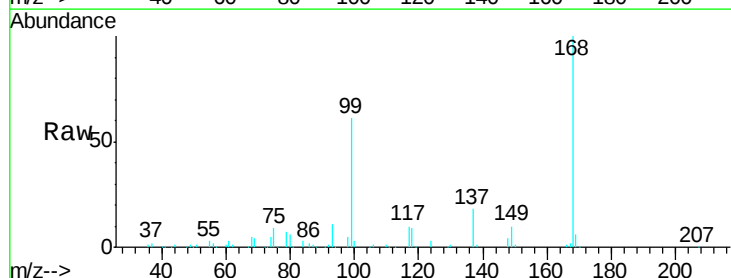


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

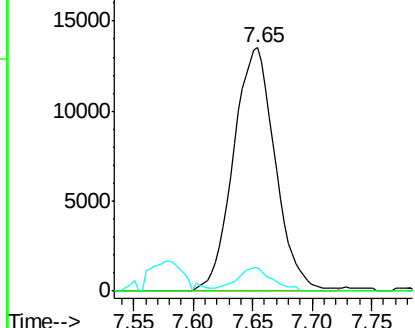
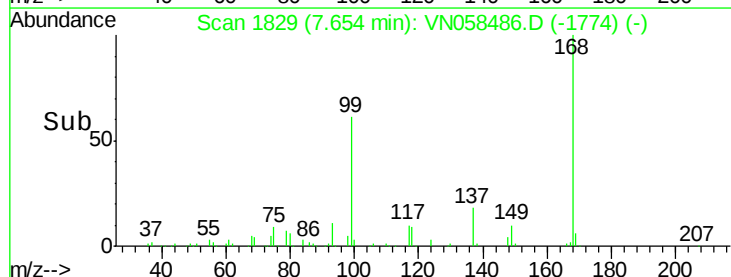


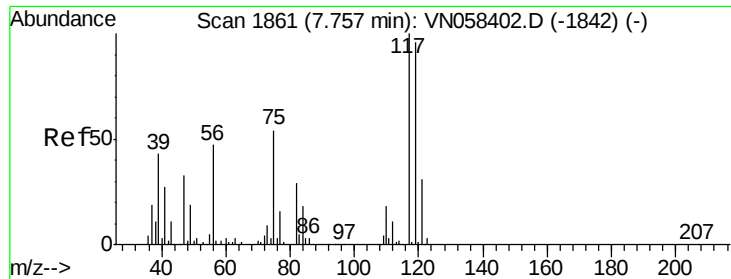
#36
 1,1-Dichloropropene
 Concen: 5.514 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 75 Resp: 32928
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.4 49.2#
 77 0.0 24.3 36.5#



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: 7.062 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-3

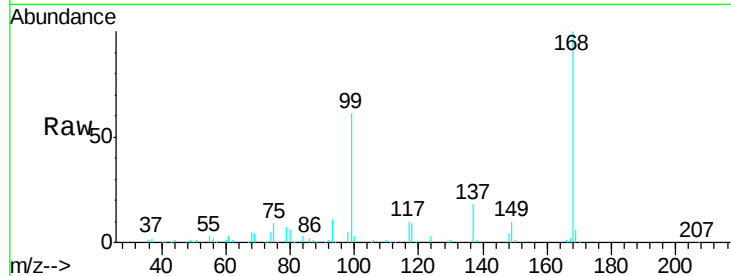
Tgt Ion: 117 Resp: 38064

Ion Ratio Lower Upper

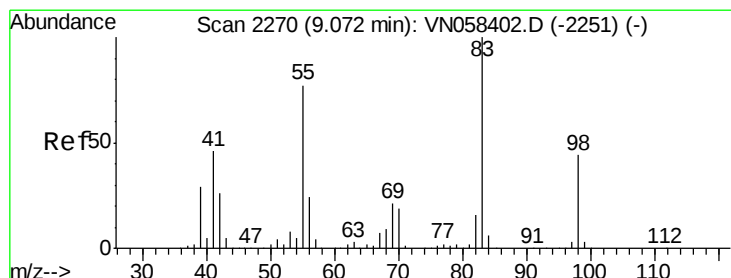
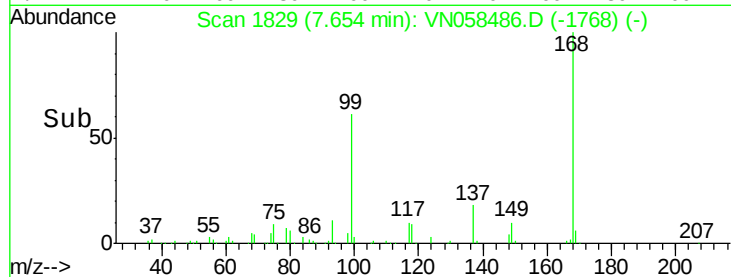
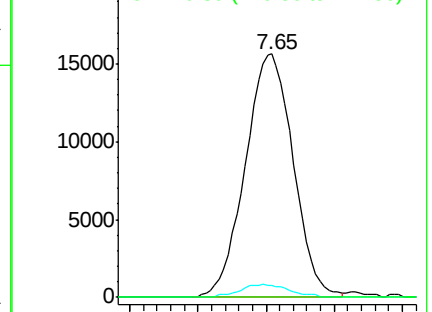
117 100

119 4.6 76.6 115.0#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.465 ug/l

RT: 9.08 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

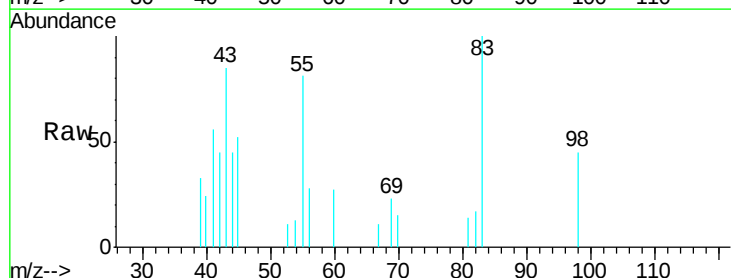
Tgt Ion: 83 Resp: 3241

Ion Ratio Lower Upper

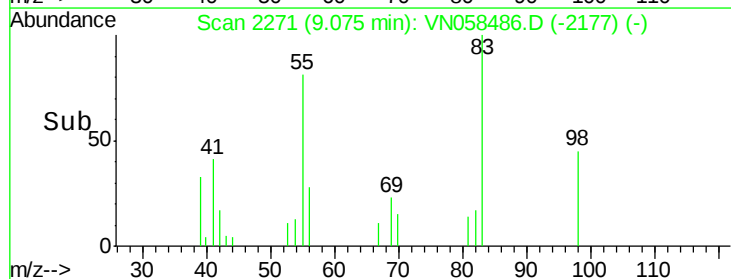
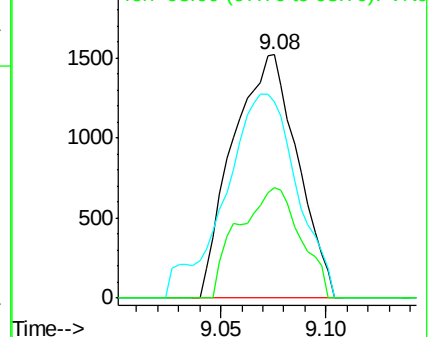
83 100

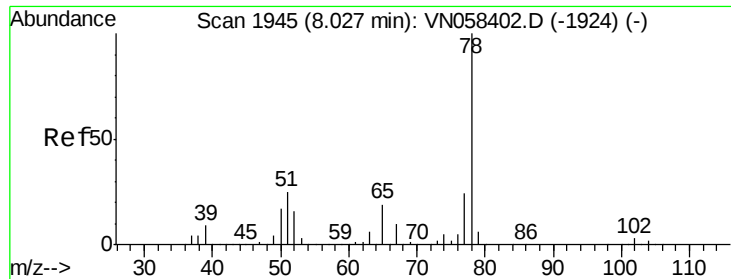
55 80.8 61.8 92.6

98 45.3 35.4 53.0



Abundance Ion 83.00 (82.70 to 83.70): VN
Ion 55.00 (54.70 to 55.70): VN
Ion 98.00 (97.70 to 98.70): VN

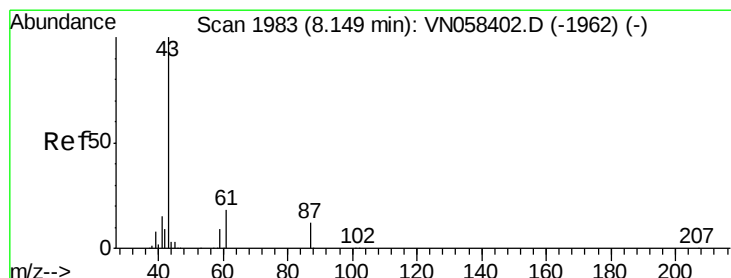
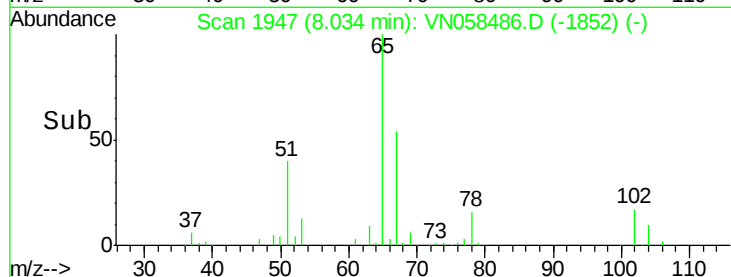
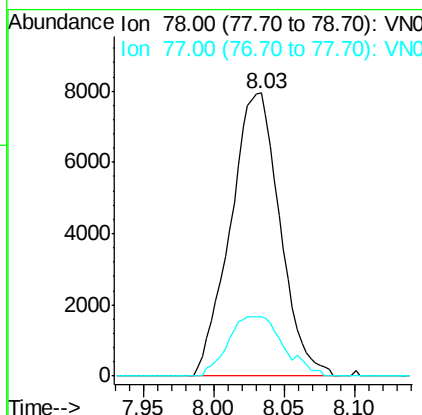
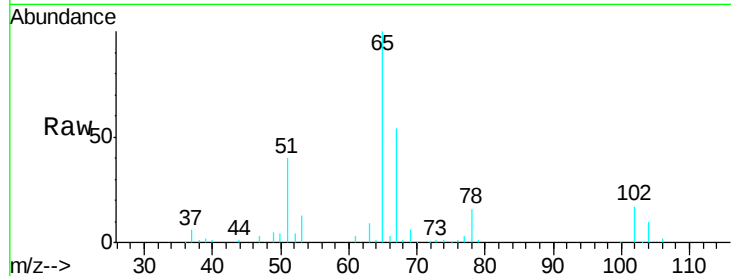




#40
Benzene
Concen: 1.137 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.01 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

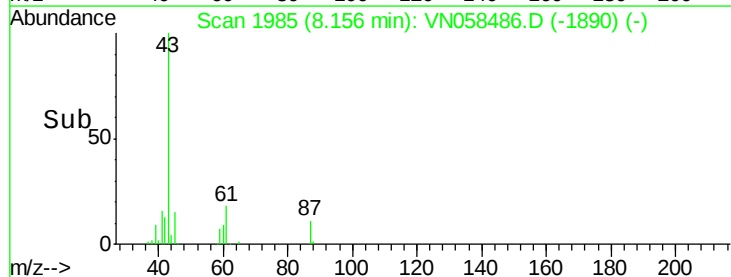
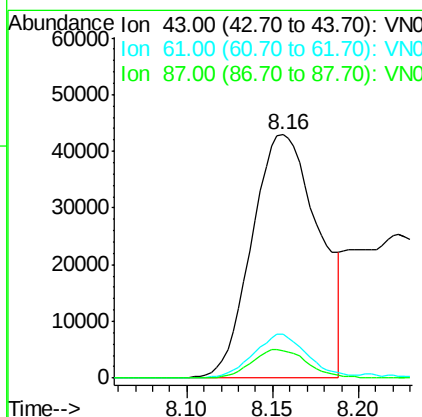
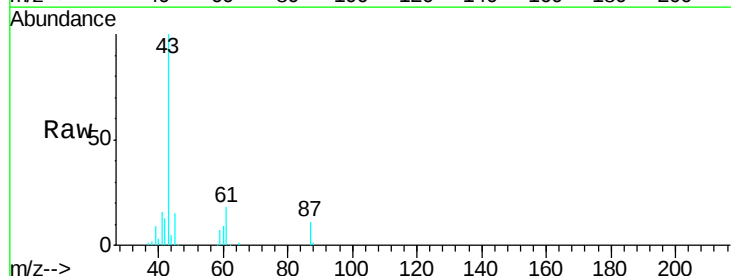
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-3

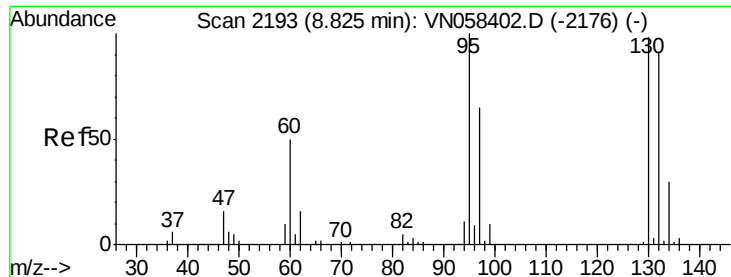
Tgt Ion: 78 Resp: 19515
Ion Ratio Lower Upper
78 100
77 20.9 18.9 28.3



#43
Isopropyl Acetate
Concen: 12.206 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Tgt Ion: 43 Resp: 116203
Ion Ratio Lower Upper
43 100
61 14.6 14.8 22.2#
87 9.7 9.7 14.5#





#44

Trichloroethene

Concen: 0.210 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

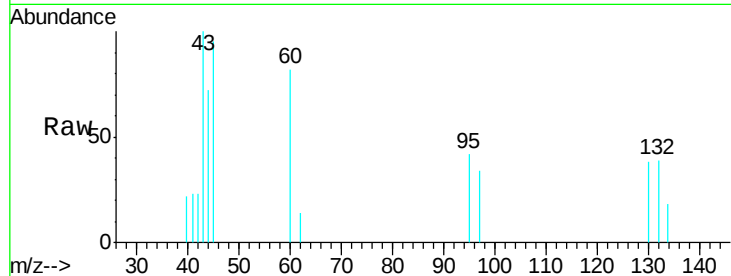
COMPOSITE-3

Tgt Ion:130 Resp: 888

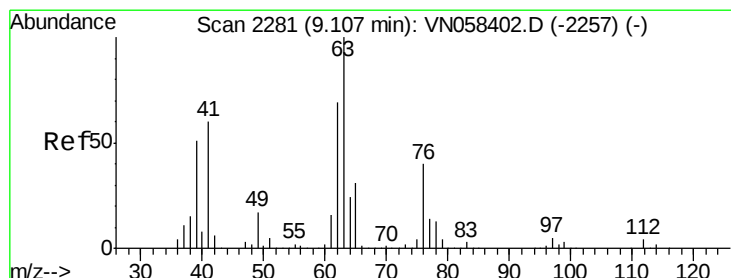
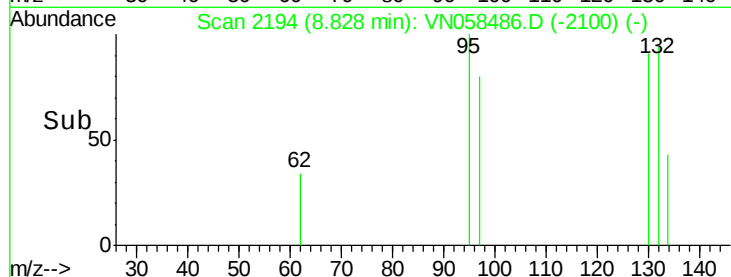
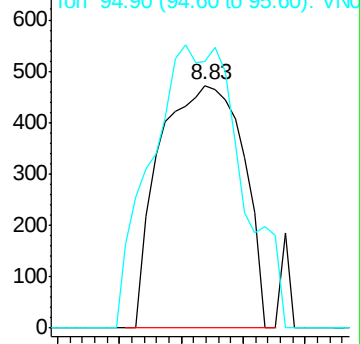
Ion Ratio Lower Upper

130 100

95 75.6 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V



#45

1,2-Dichloropropane

Concen: 0.397 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN058486.D

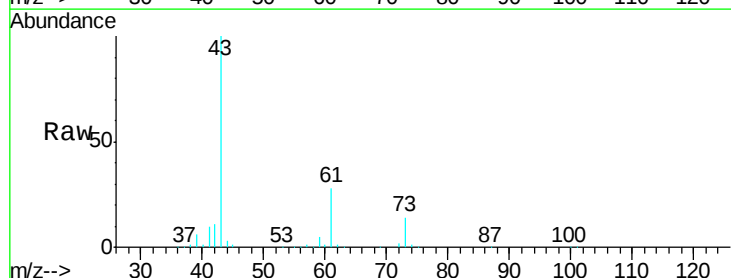
Acq: 2 Oct 2019 19:36

Tgt Ion: 63 Resp: 1828

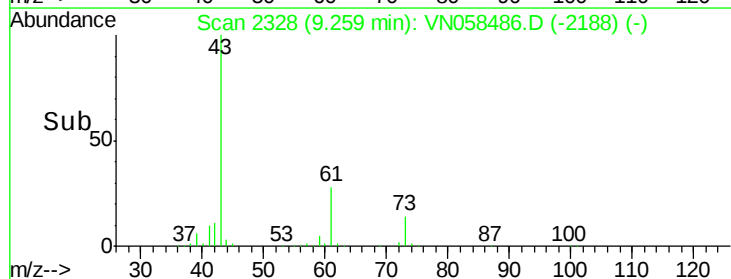
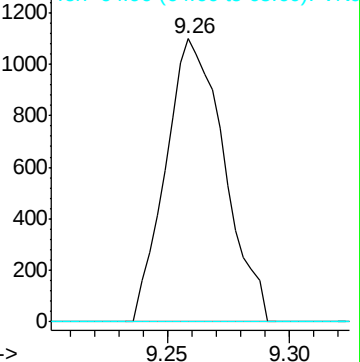
Ion Ratio Lower Upper

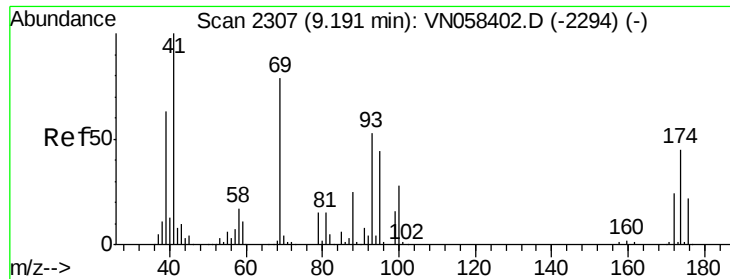
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0





#48

Methyl methacrylate

Concen: 1.393 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.02 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-3

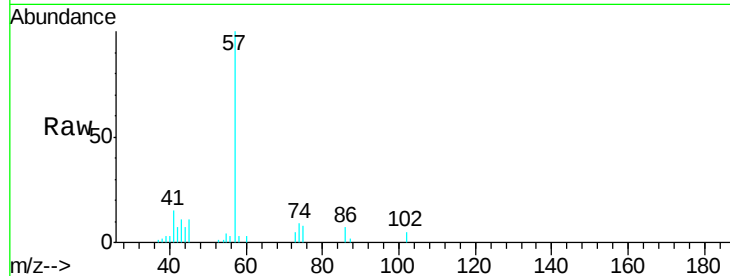
Tgt Ion: 41 Resp: 6037

Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

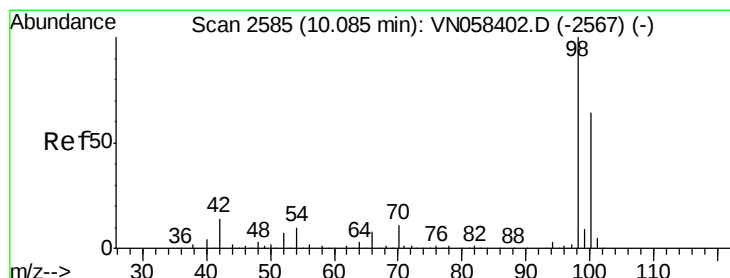
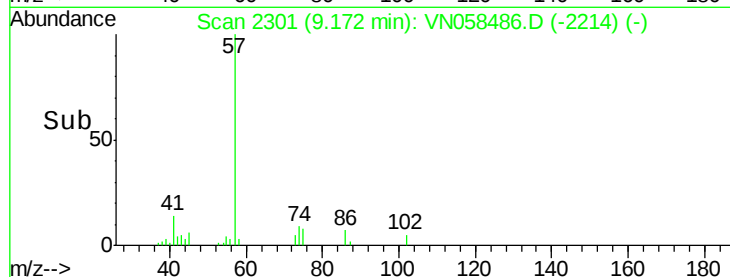
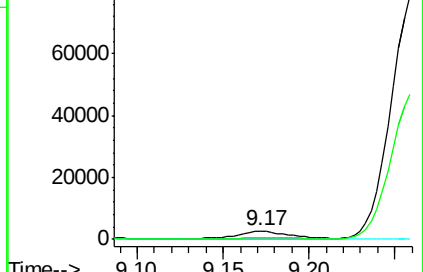
39 0.0 52.9 79.3#



Abundance Ion 41.00 (40.70 to 41.70): VN058402.D (-2294) (-)

Ion 69.00 (68.70 to 69.70): VN058402.D (-2294) (-)

Ion 39.00 (38.70 to 39.70): VN058402.D (-2294) (-)



#50

Toluene-d8

Concen: 52.511 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058486.D

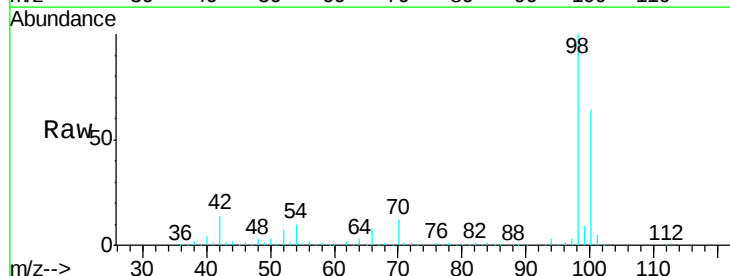
Acq: 2 Oct 2019 19:36

Tgt Ion: 98 Resp: 787323

Ion Ratio Lower Upper

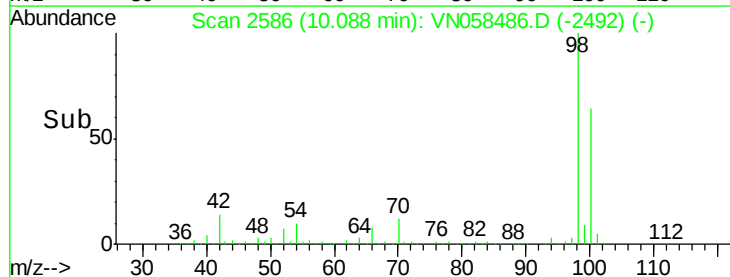
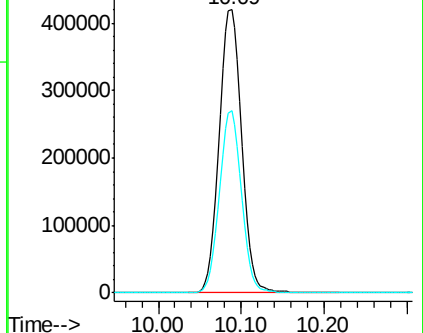
98 100

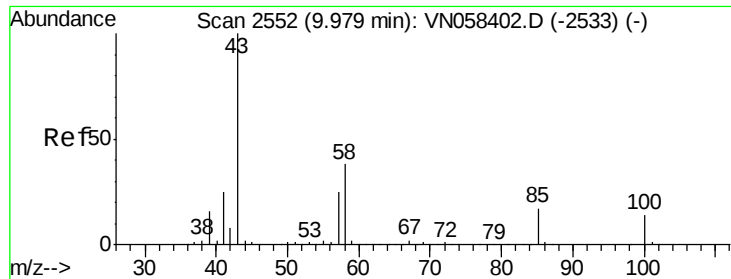
100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.614 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

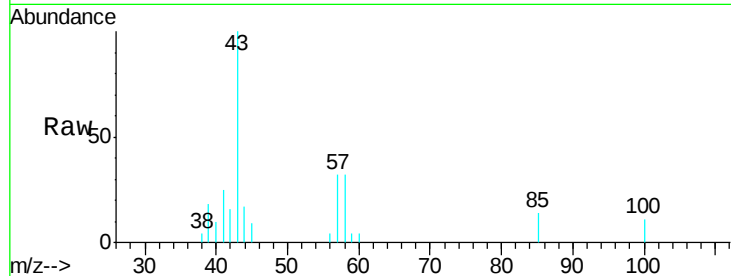
COMPOSITE-3

Tgt Ion: 43 Resp: 7895

Ion Ratio Lower Upper

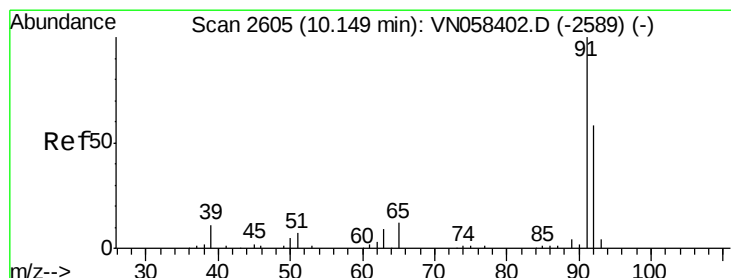
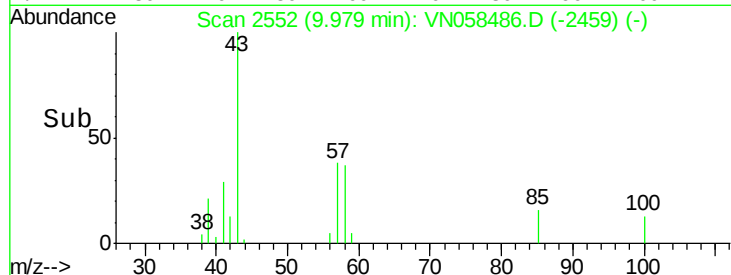
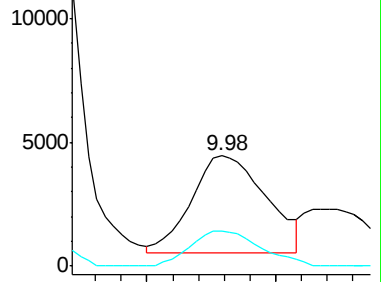
43 100

58 34.0 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.258 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058486.D

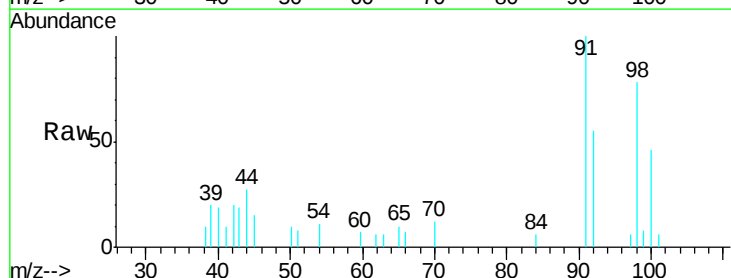
Acq: 2 Oct 2019 19:36

Tgt Ion: 92 Resp: 2784

Ion Ratio Lower Upper

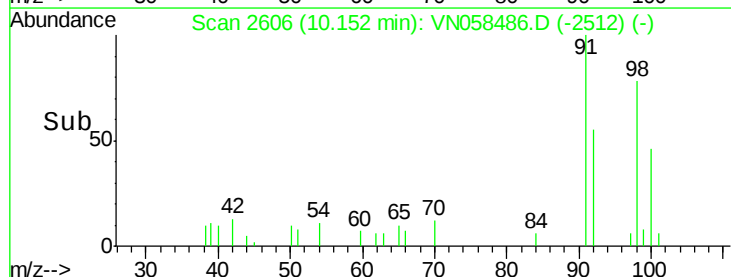
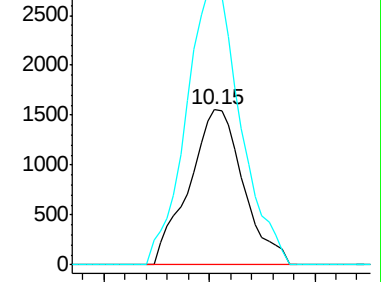
92 100

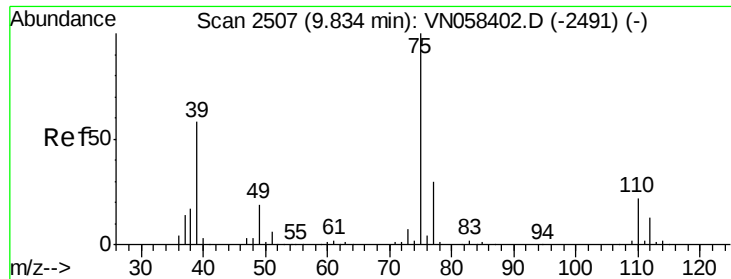
91 179.6 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



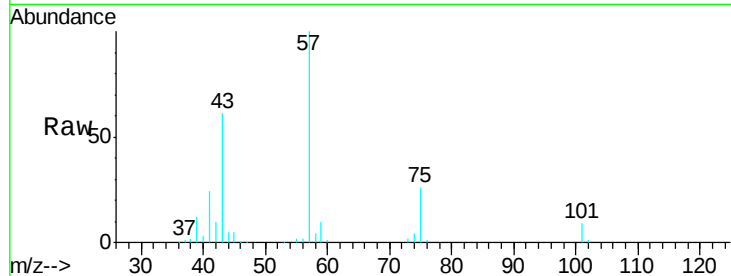


#54

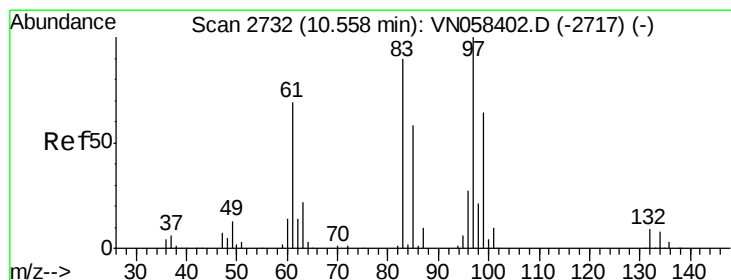
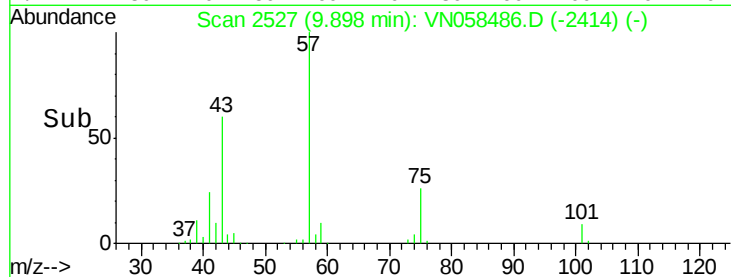
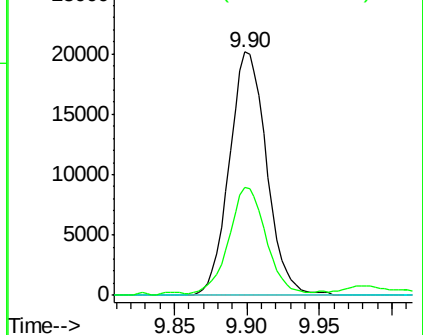
cis-1,3-Dichloropropene
 Concen: 5.385 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Instrument :
 MSVOA_N
 ClientSampled :
 COMPOSITE-3

Tgt Ion: 75 Resp: 35935
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.2 36.4#
 39 43.7 46.4 69.6#



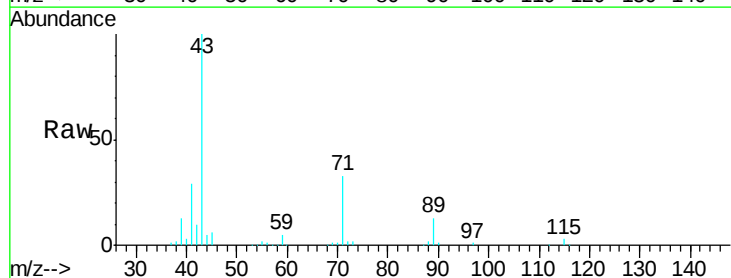
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



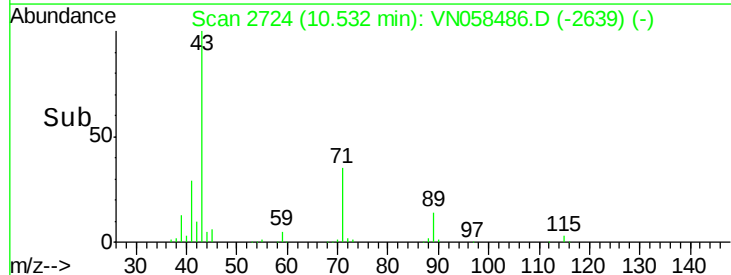
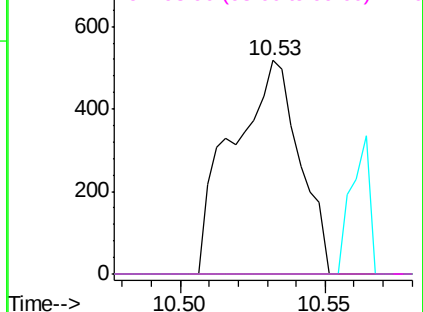
#55

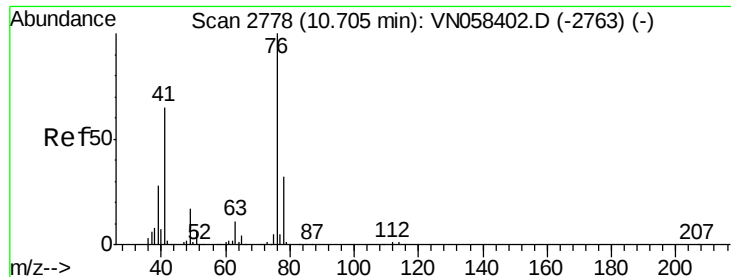
1,1,2-Trichloroethane
 Concen: 0.212 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 97 Resp: 834
 Ion Ratio Lower Upper
 97 100
 83 0.0 71.8 107.6#
 85 0.0 46.6 69.8#
 99 0.0 51.5 77.3#



Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

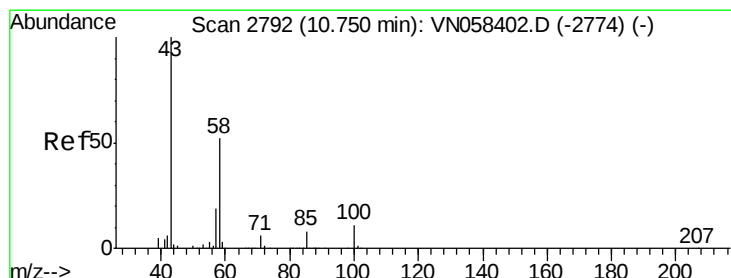
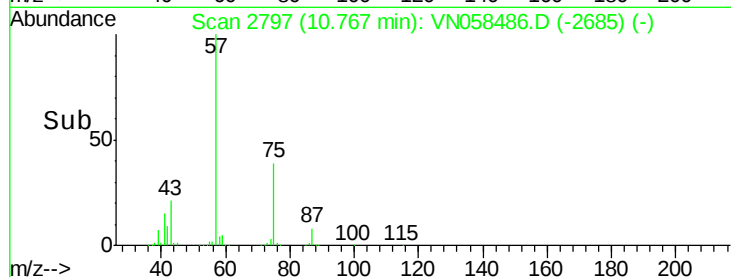
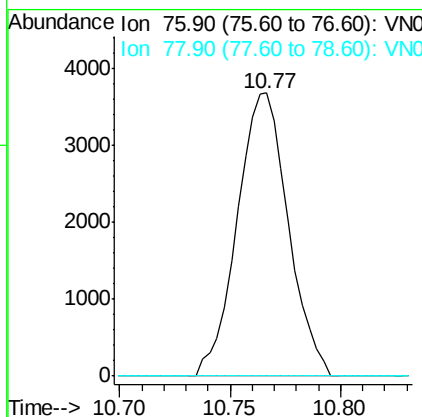
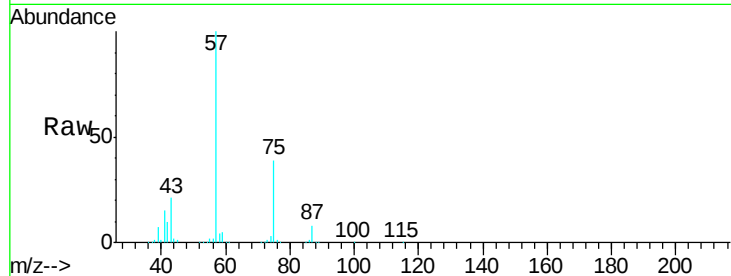




#57
 1,3-Dichloropropane
 Concen: 0.843 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

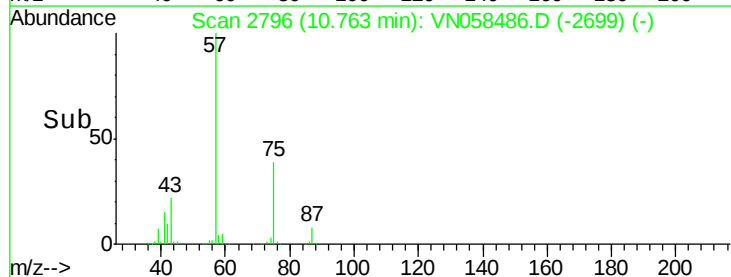
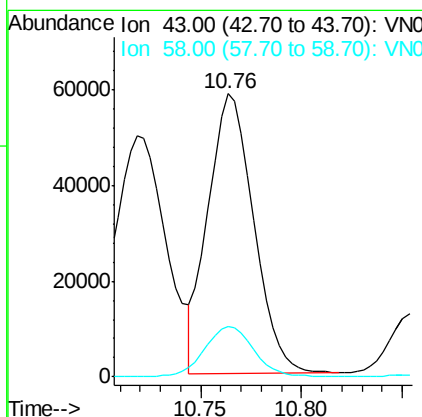
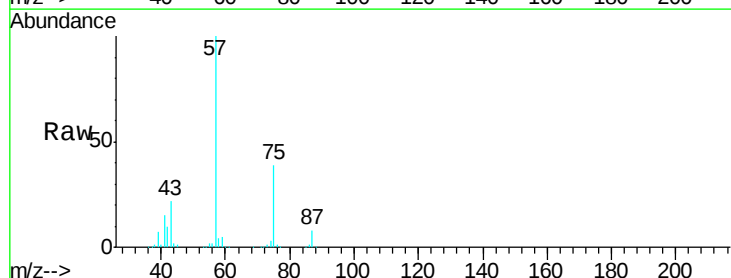
Instrument :
 MSVOA_N
 ClientSampled :
 COMPOSITE-3

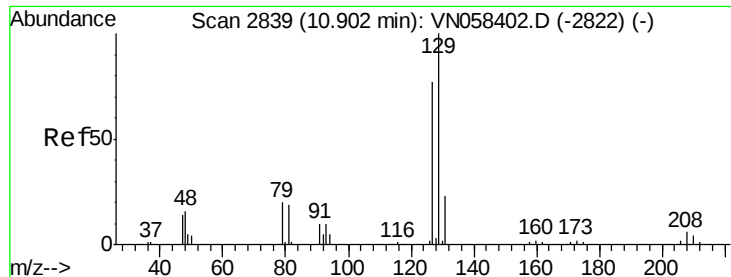
Tgt Ion: 76 Resp: 5918
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 25.780 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 43 Resp: 91797
 Ion Ratio Lower Upper
 43 100
 58 19.6 25.8 77.3#

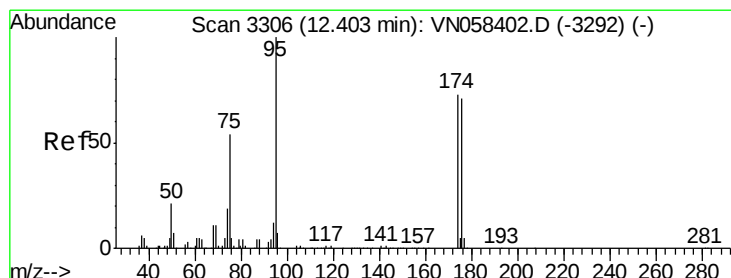
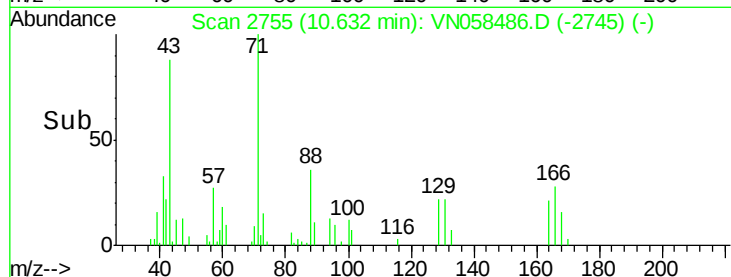
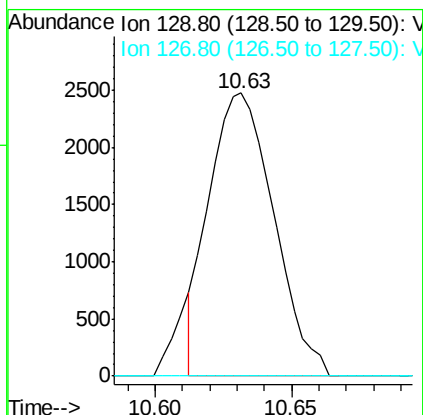
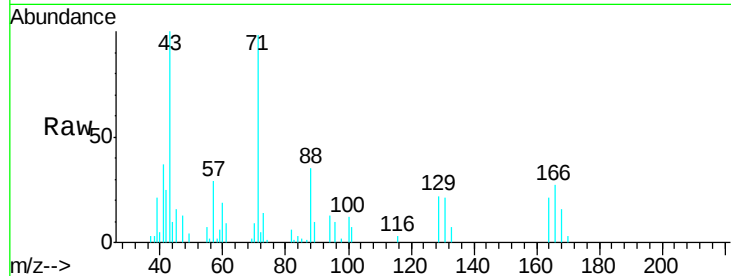




#60
 Dibromochloromethane
 Concen: 0.452 ug/l
 RT: 10.63 min Scan# 2755
 Delta R.T. -0.27 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

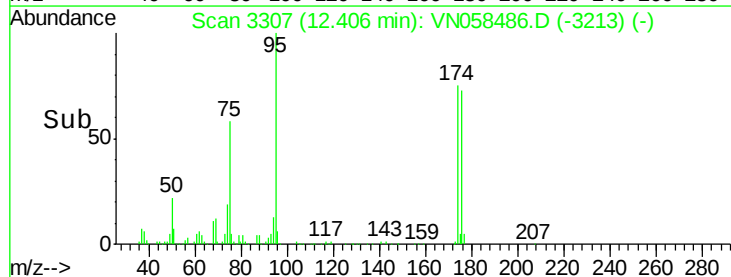
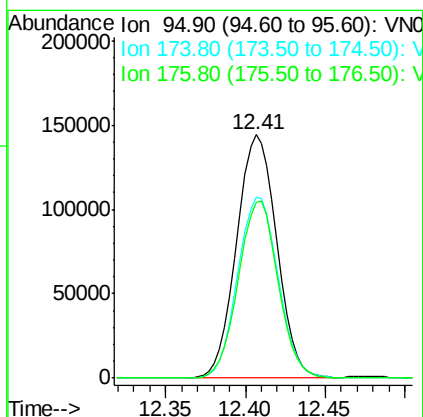
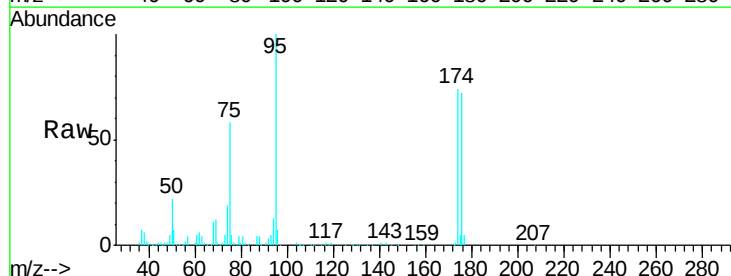
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-3

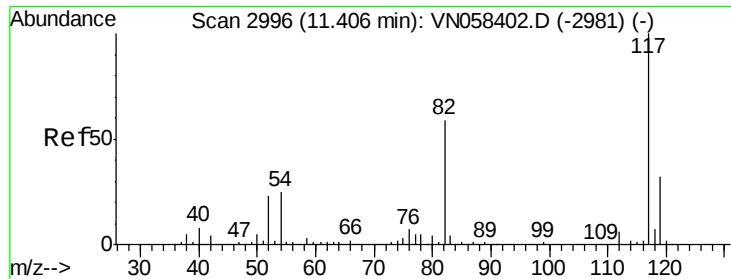
Tgt Ion: 129 Resp: 4075
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.8#



#62
 4-Bromofluorobenzene
 Concen: 45.355 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 95 Resp: 245885
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 150.6
 176 72.6 0.0 146.2

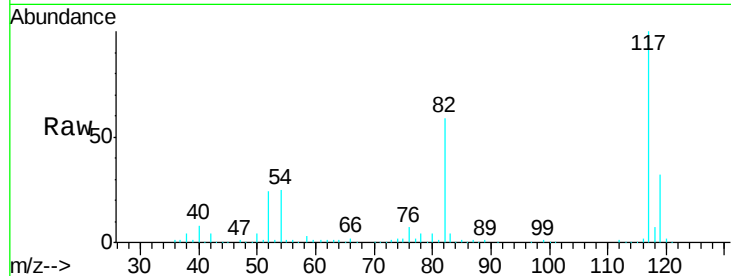




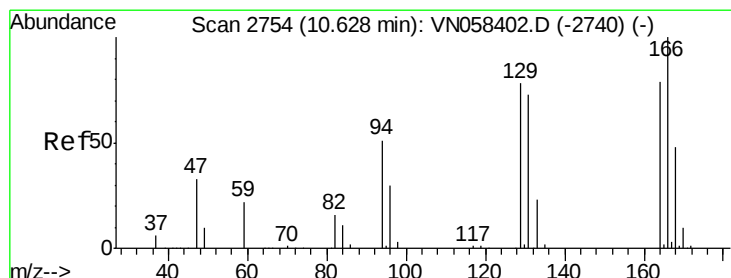
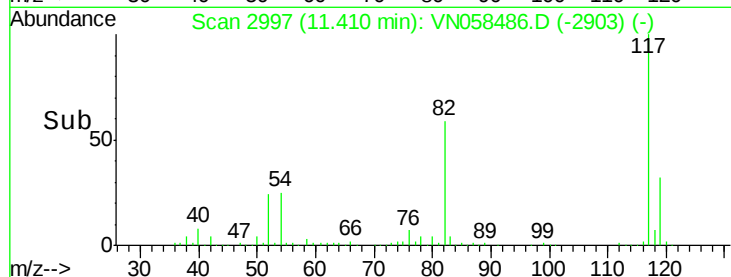
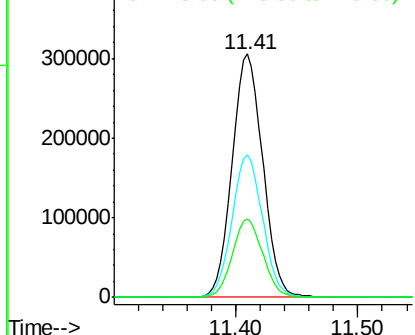
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-3

Tgt Ion:117 Resp: 534692
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 32.3 25.5 38.3



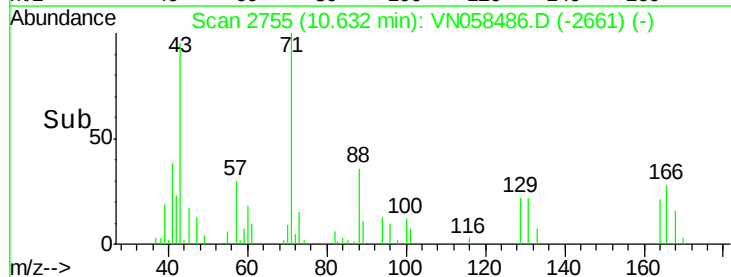
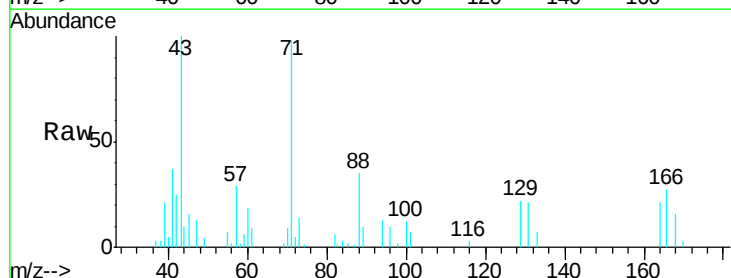
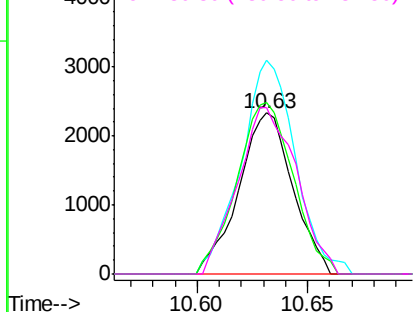
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

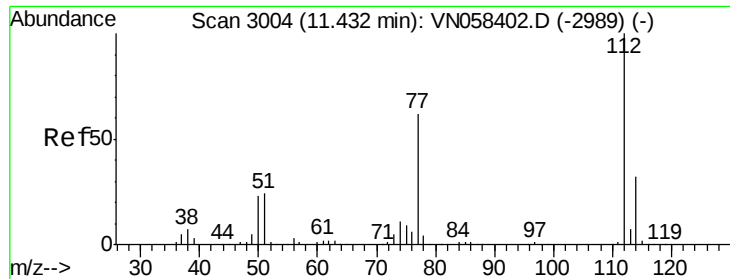


#64
Tetrachloroethene
Concen: 1.167 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Tgt Ion:164 Resp: 3965
Ion Ratio Lower Upper
164 100
166 132.5 101.1 151.7
129 106.0 79.2 118.8
131 102.9 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

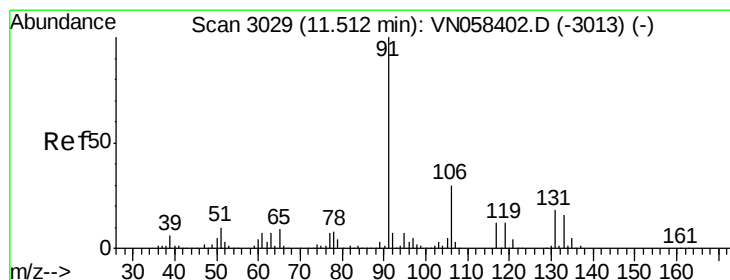
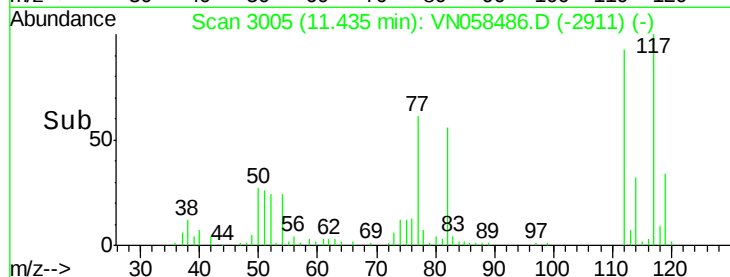
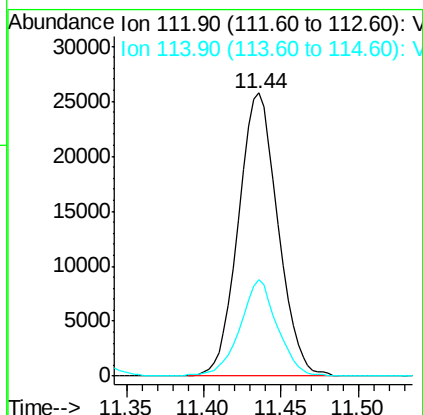
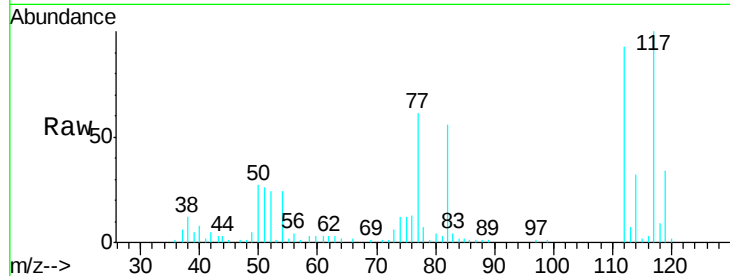




#65
Chlorobenzene
Concen: 4.310 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

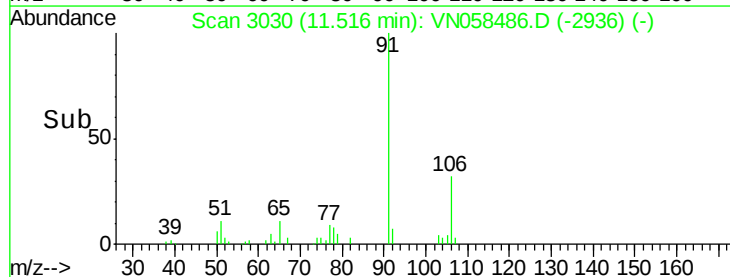
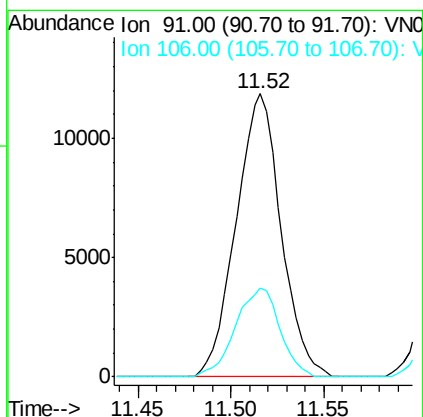
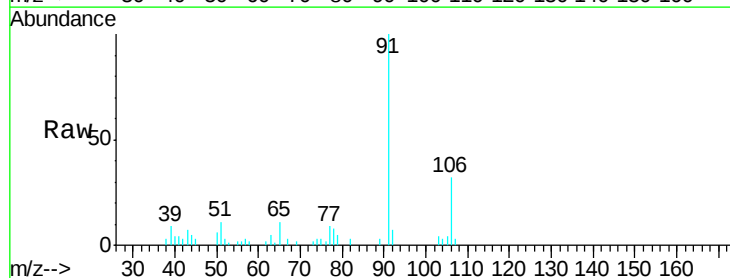
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-3

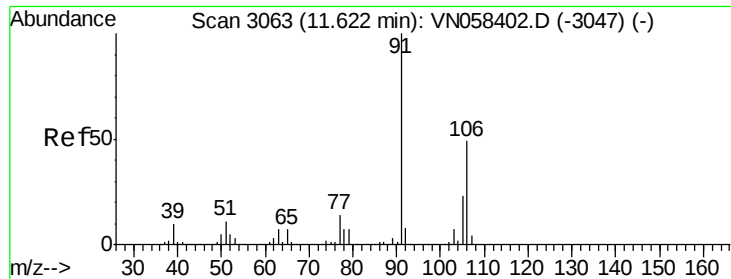
Tgt Ion: 112 Resp: 45805
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.2



#67
Ethyl Benzene
Concen: 1.036 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Tgt Ion: 91 Resp: 19943
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5

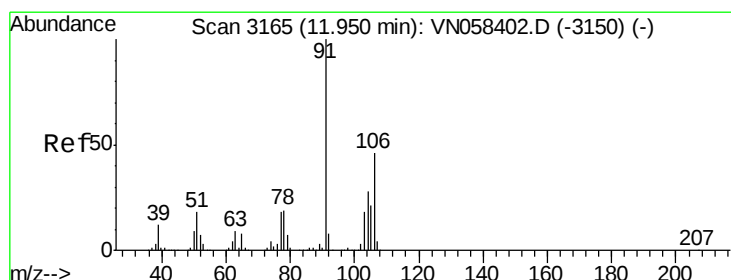
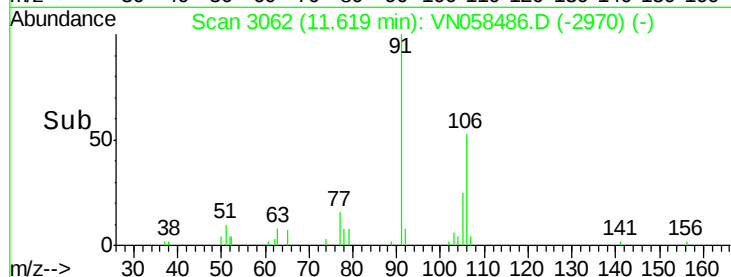
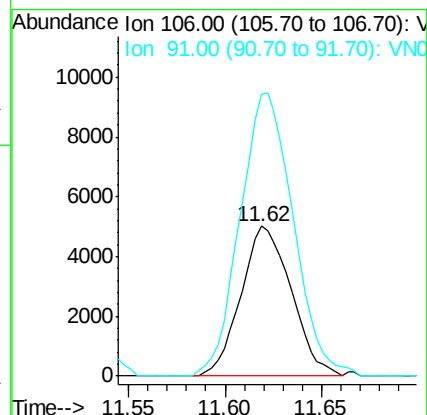
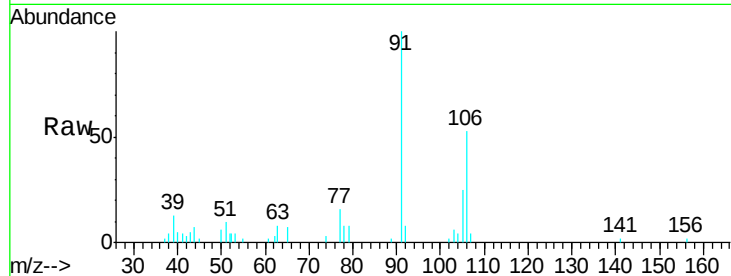




#68
m/p-Xylenes
Concen: 1.253 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

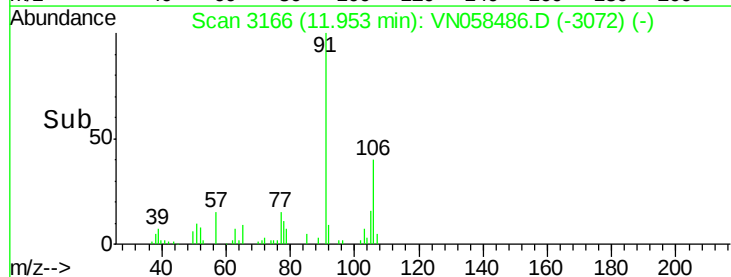
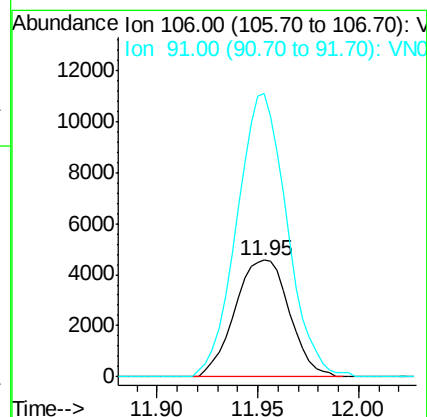
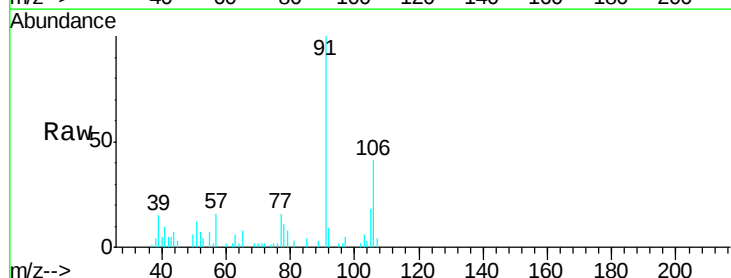
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-3

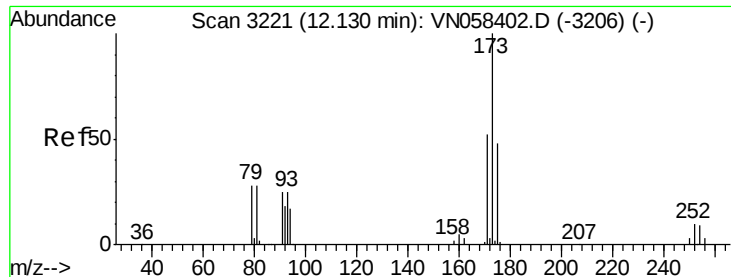
Tgt Ion:106 Resp: 9076
Ion Ratio Lower Upper
106 100
91 199.7 165.0 247.4



#69
o-Xylene
Concen: 1.239 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Tgt Ion:106 Resp: 8640
Ion Ratio Lower Upper
106 100
91 223.1 109.1 327.4





#71

Bromoform

Concen: 1.405 ug/l

RT: 12.41 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-3

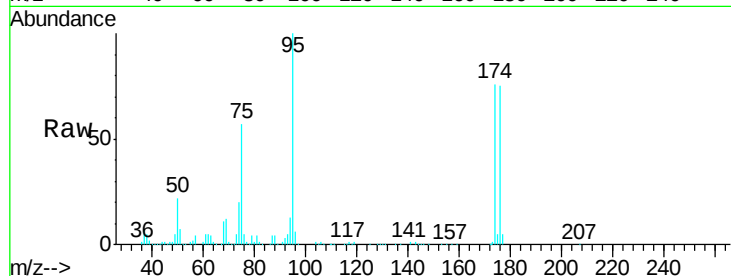
Tgt Ion:173 Resp: 1782

Ion Ratio Lower Upper

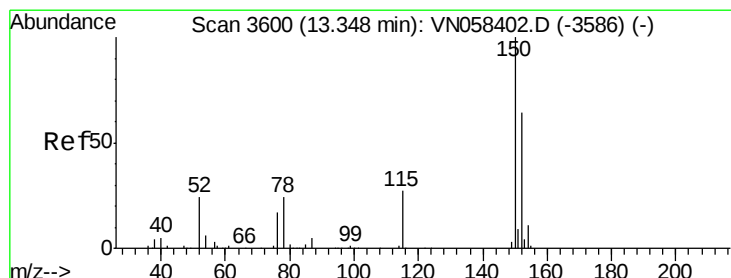
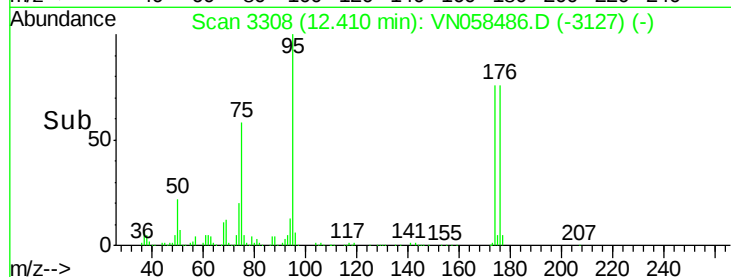
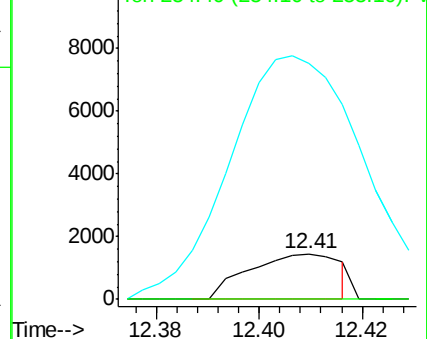
173 100

175 633.9 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: VN058486.D

Acq: 2 Oct 2019 19:36

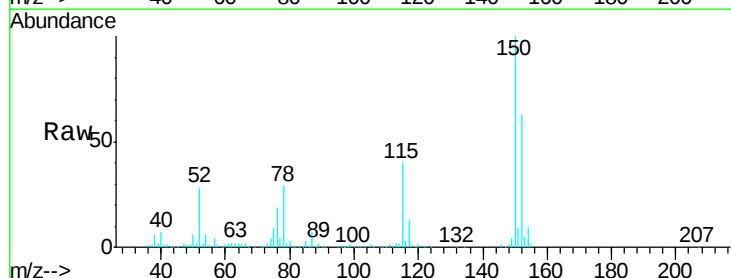
Tgt Ion:152 Resp: 208721

Ion Ratio Lower Upper

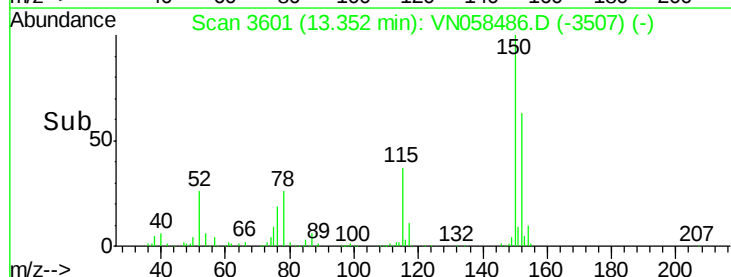
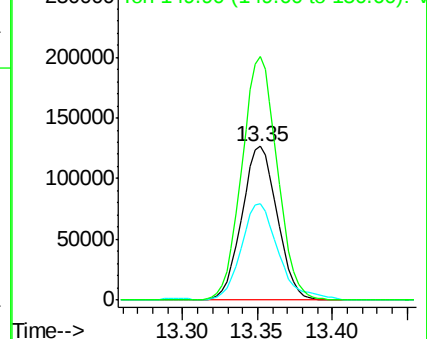
152 100

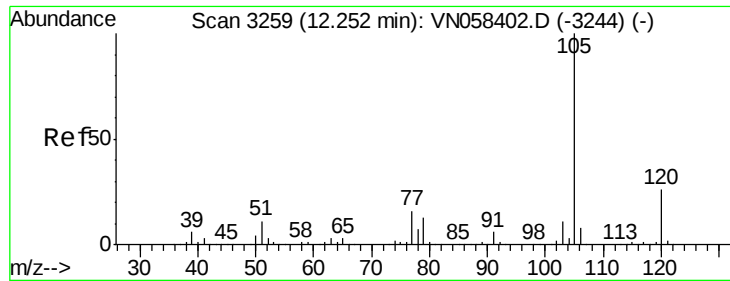
115 65.7 30.0 90.0

150 158.1 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





#73

Isopropylbenzene

Concen: 2.340 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

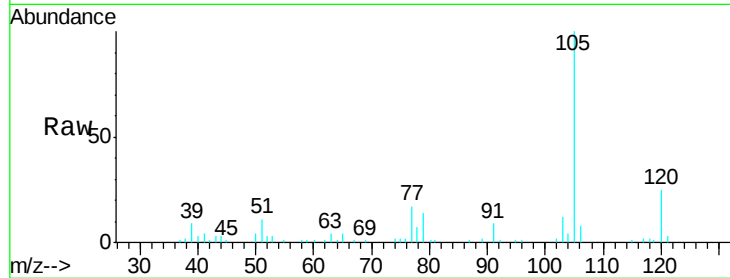
COMPOSITE-3

Tgt Ion: 105 Resp: 36088

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.26

25000

20000

15000

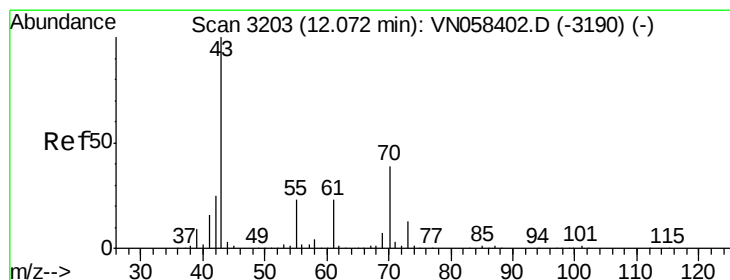
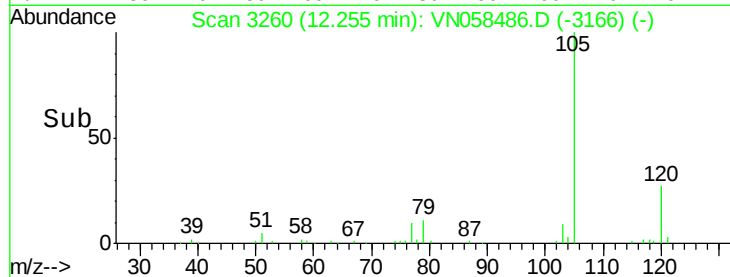
10000

5000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 0.721 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Tgt Ion: 43 Resp: 4424

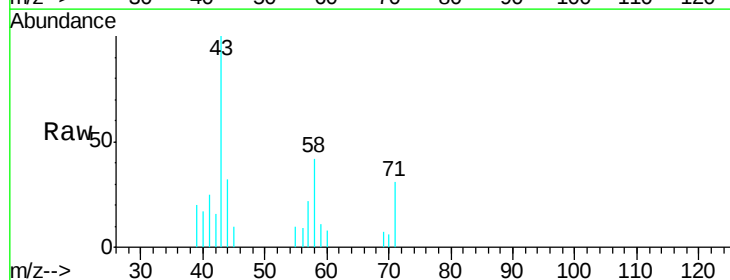
Ion Ratio Lower Upper

43 100

70 0.7 31.4 47.2#

55 0.0 18.2 27.4#

61 0.0 18.3 27.5#



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

12.04

4000

3000

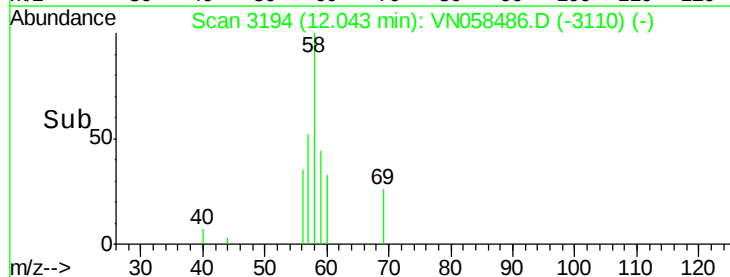
2000

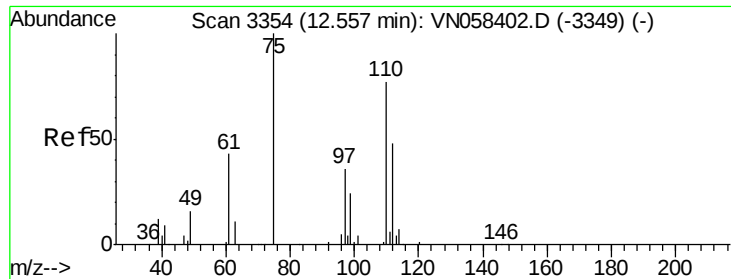
1000

0

Time-->

12.00 12.05

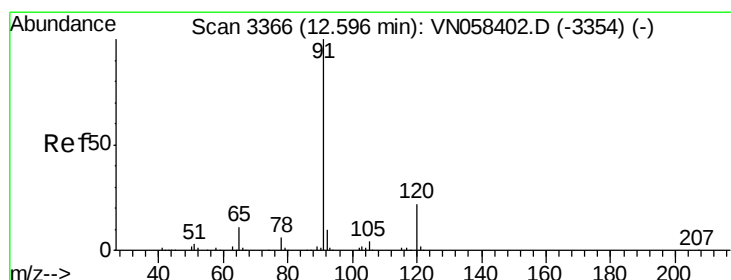
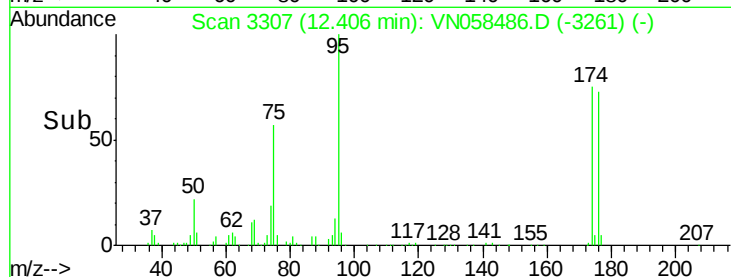
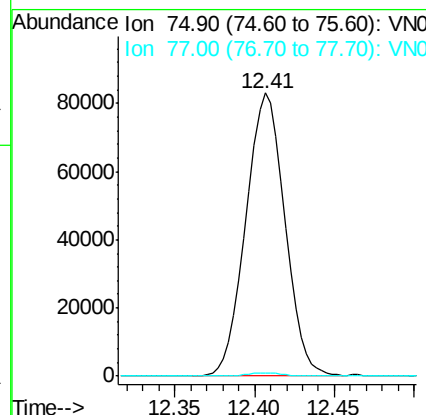
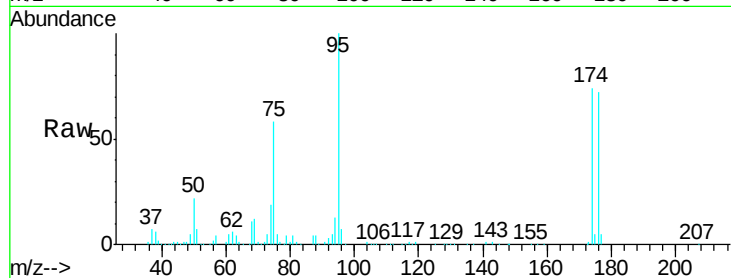




#76
 1,2,3-Trichloropropane
 Concen: 36.299 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

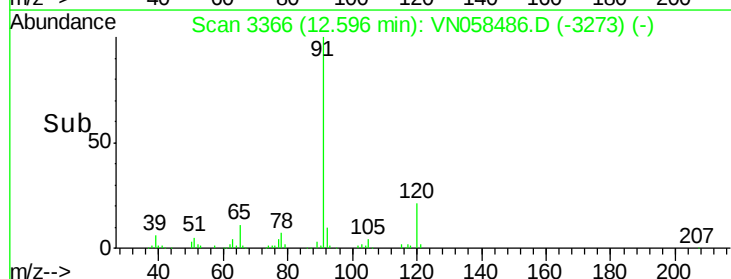
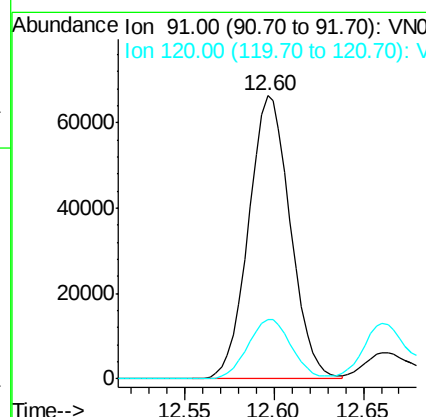
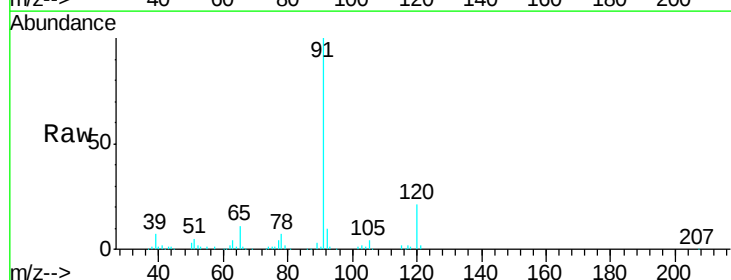
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-3

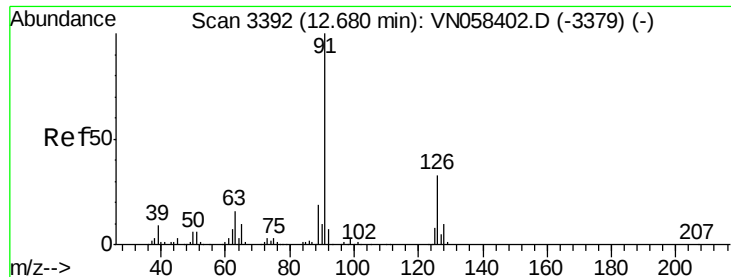
Tgt Ion: 75 Resp: 138384
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 6.258 ug/l
 RT: 12.60 min Scan# 3366
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion: 91 Resp: 108759
 Ion Ratio Lower Upper
 91 100
 120 21.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 0.826 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

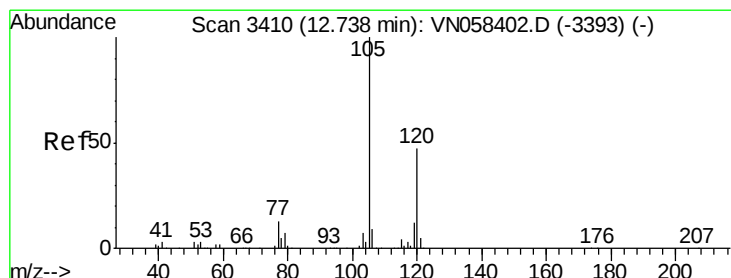
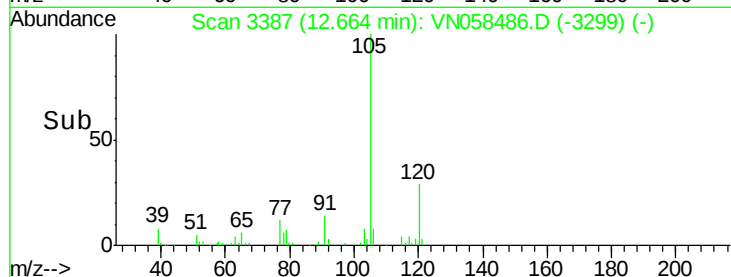
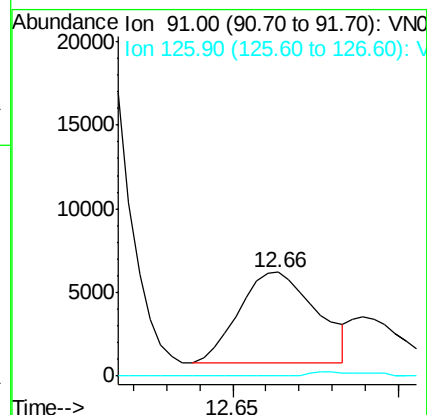
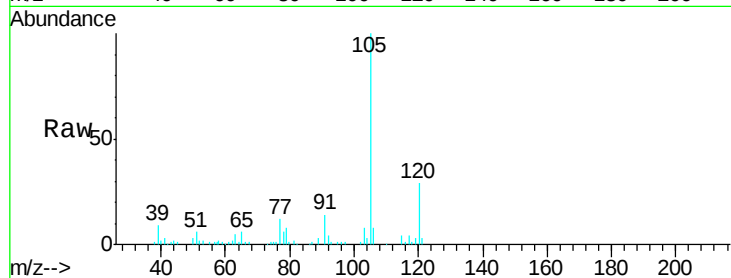
COMPOSITE-3

Tgt Ion: 91 Resp: 8864

Ion Ratio Lower Upper

91 100

126 3.5 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 15.538 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058486.D

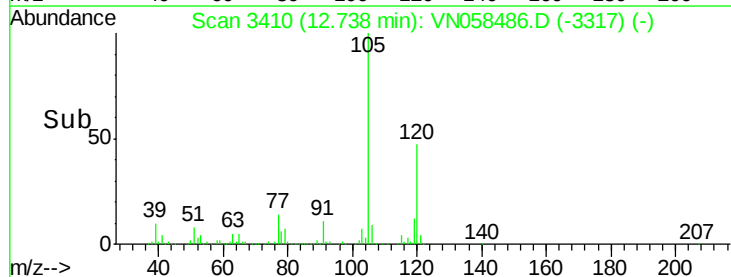
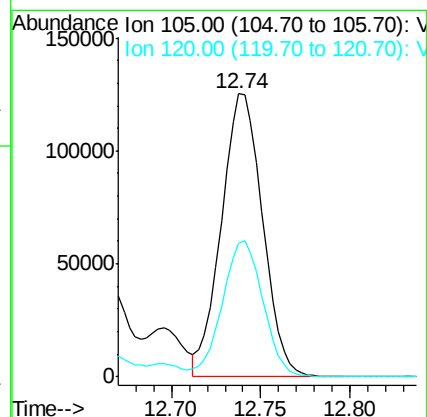
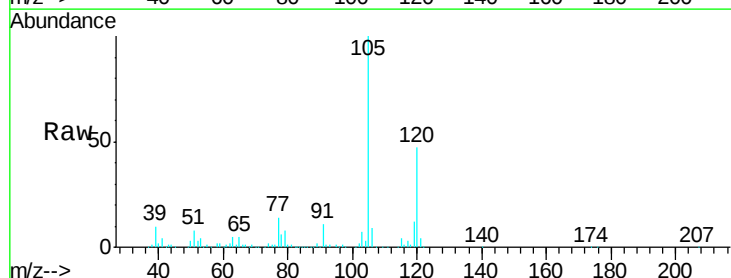
Acq: 2 Oct 2019 19:36

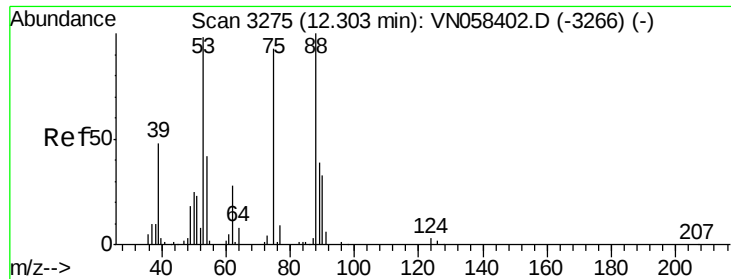
Tgt Ion: 105 Resp: 200630

Ion Ratio Lower Upper

105 100

120 47.8 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 110.245 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-3

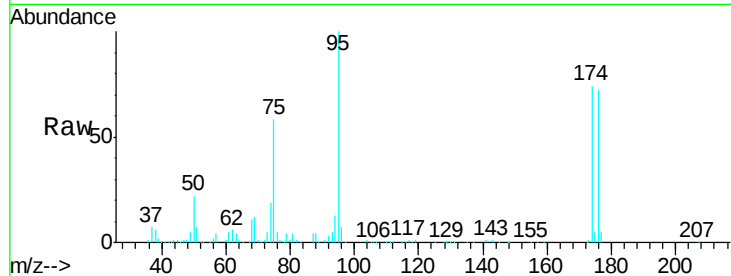
Tgt Ion: 75 Resp: 138384

Ion Ratio Lower Upper

75 100

53 0.2 85.4 128.0#

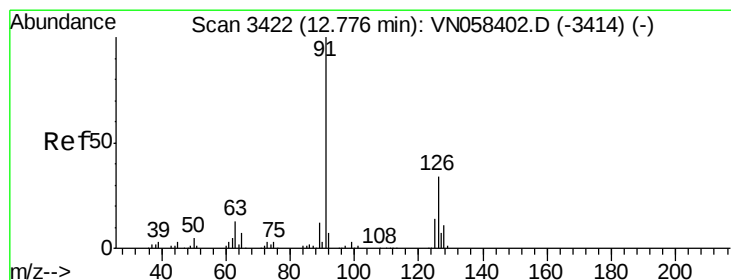
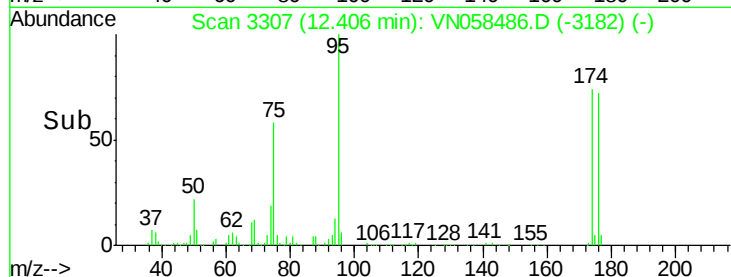
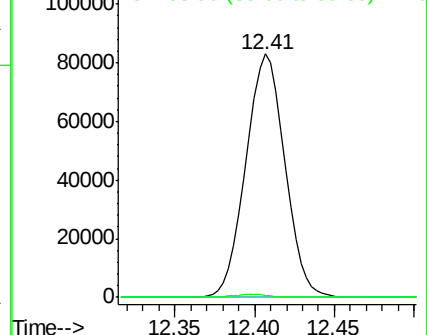
89 1.0 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 2.060 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN058486.D

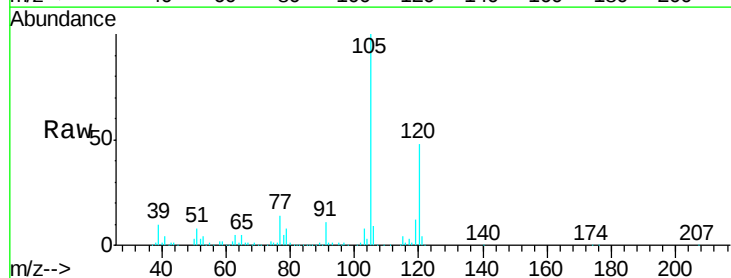
Acq: 2 Oct 2019 19:36

Tgt Ion: 91 Resp: 22549

Ion Ratio Lower Upper

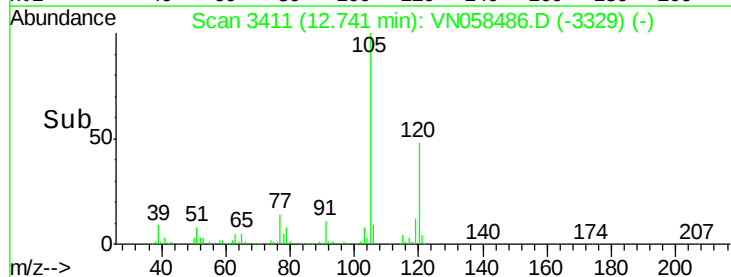
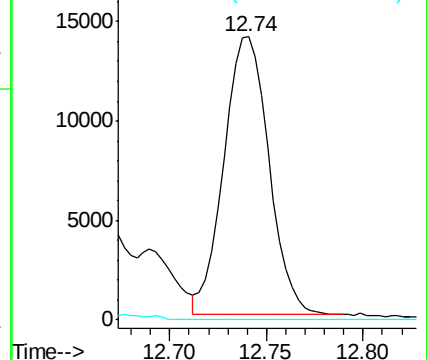
91 100

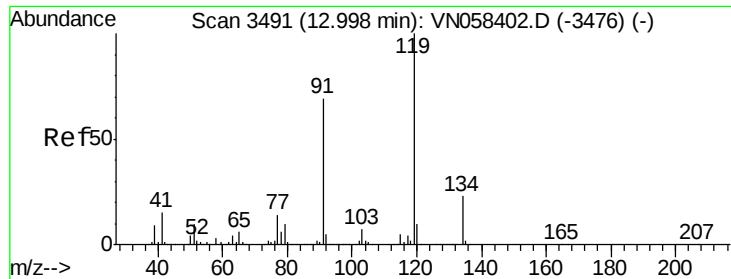
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

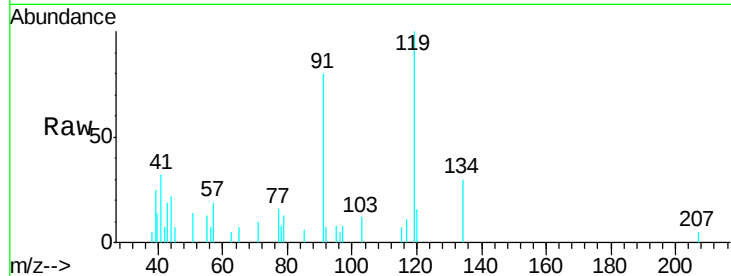




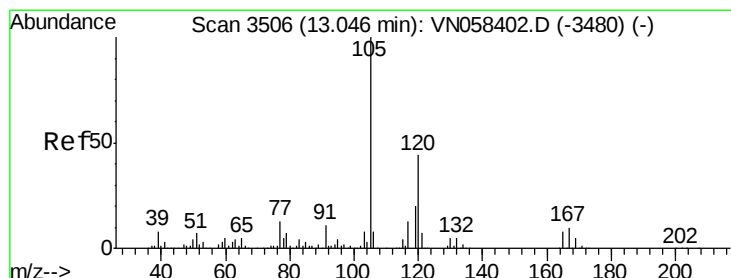
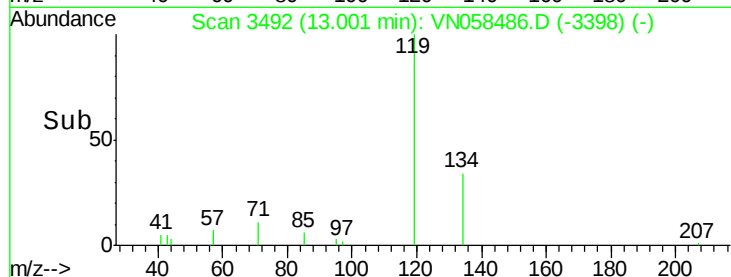
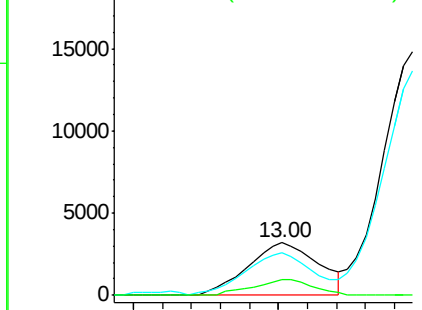
#83
tert-Butylbenzene
Concen: 0.494 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-3

Tgt Ion:119 Resp: 5377
Ion Ratio Lower Upper
119 100
91 75.1 34.2 102.6
134 25.7 11.6 34.8

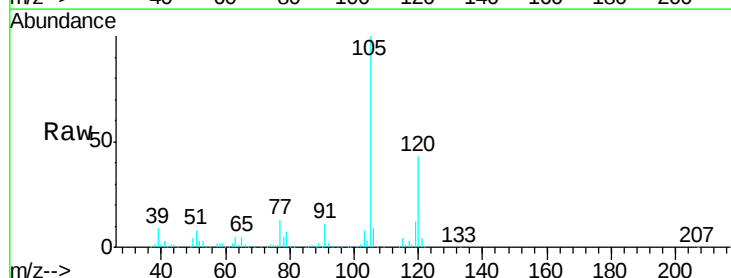


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

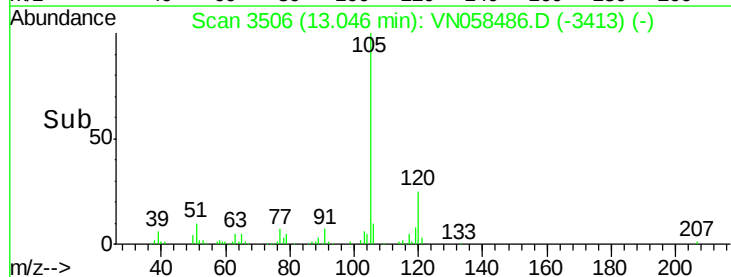
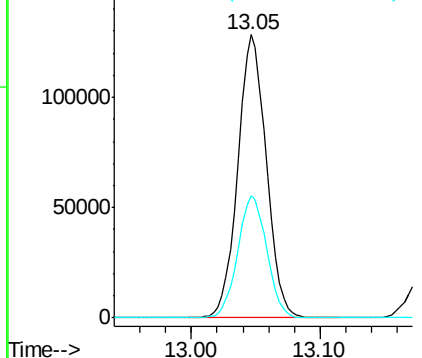


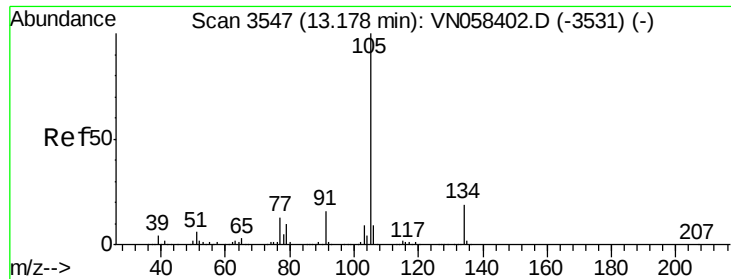
#84
1,2,4-Trimethylbenzene
Concen: 15.231 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Tgt Ion:105 Resp: 197039
Ion Ratio Lower Upper
105 100
120 44.0 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

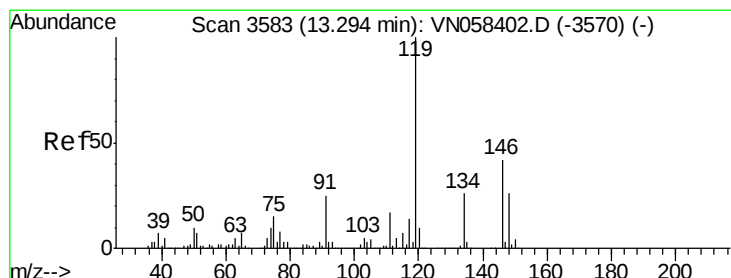
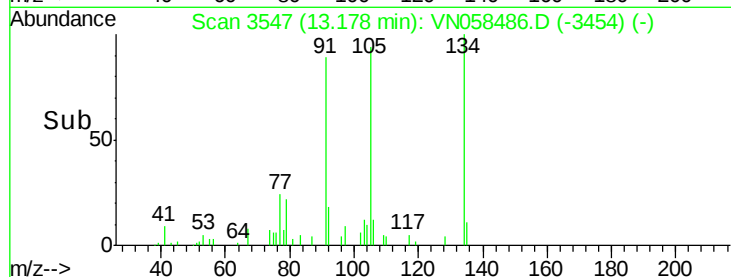
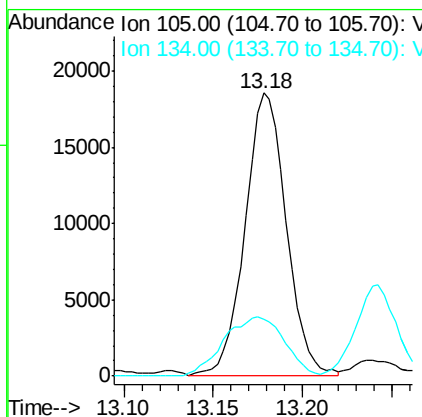
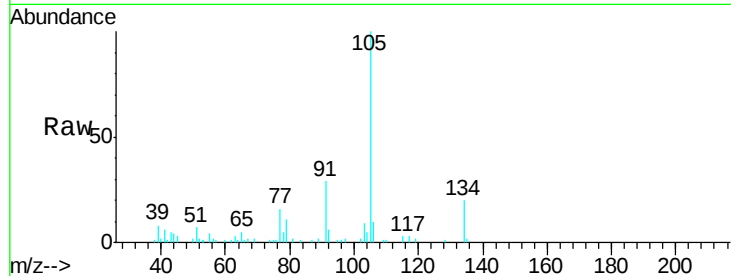




#85
 sec-Butylbenzene
 Concen: 2.095 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

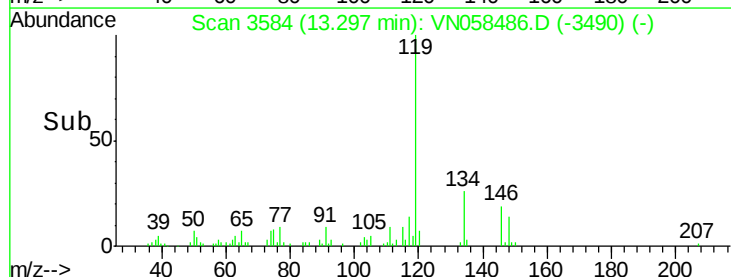
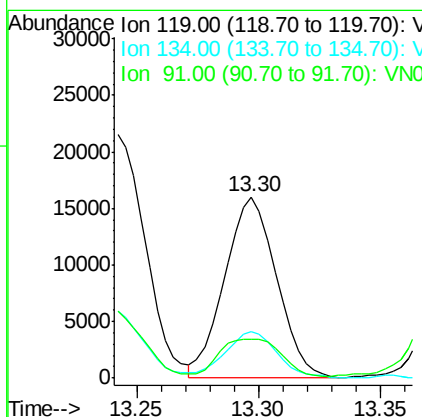
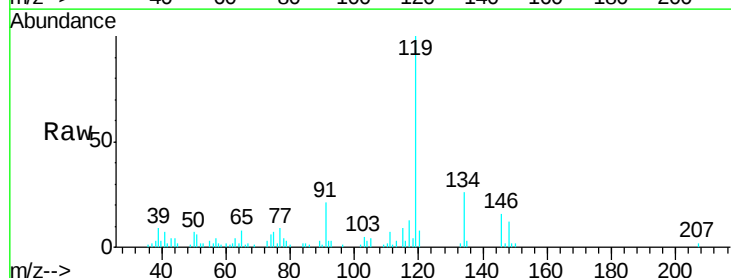
Instrument :
 MSVOA_N
 ClientSampled :
 COMPOSITE-3

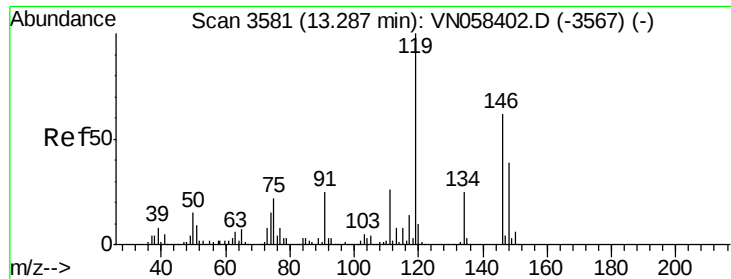
Tgt Ion:105 Resp: 30045
 Ion Ratio Lower Upper
 105 100
 134 30.5 9.4 28.2#



#86
 p-Isopropyltoluene
 Concen: 1.878 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion:119 Resp: 23706
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.1 12.4 37.0

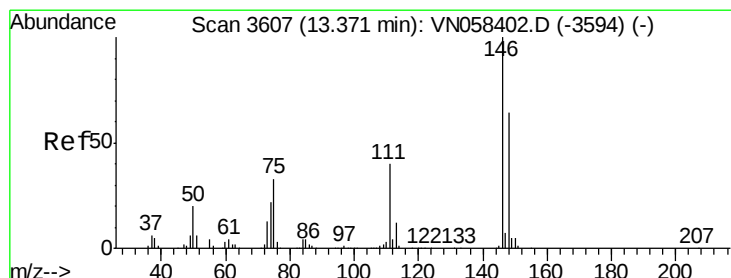
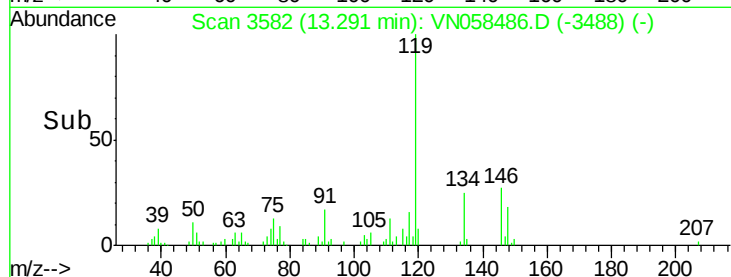
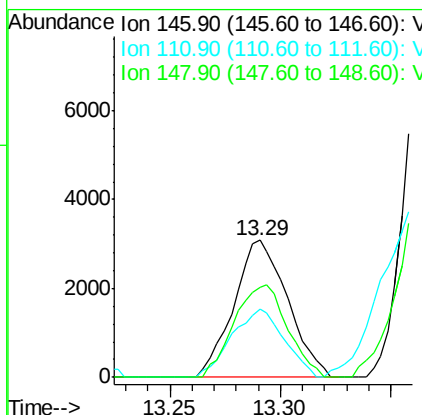
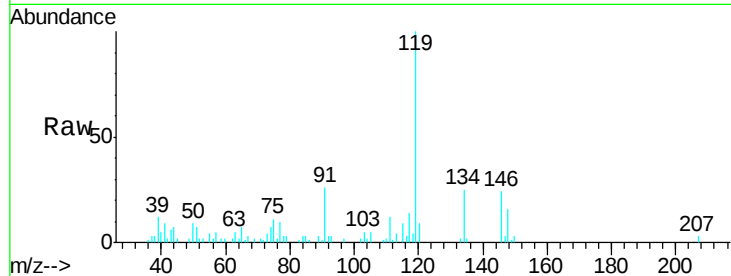




#87
 1,3-Dichlorobenzene
 Concen: 0.794 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

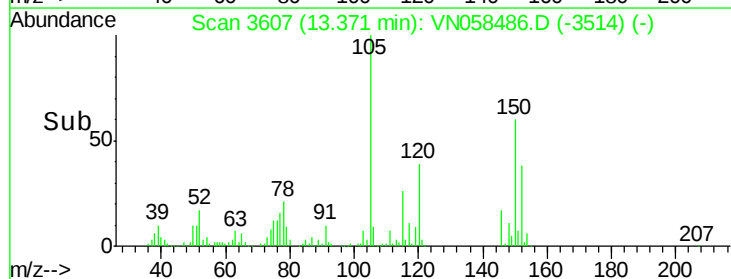
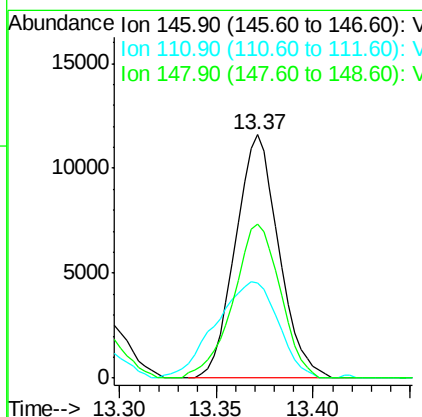
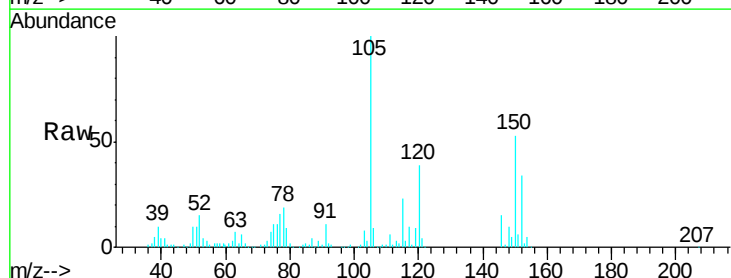
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-3

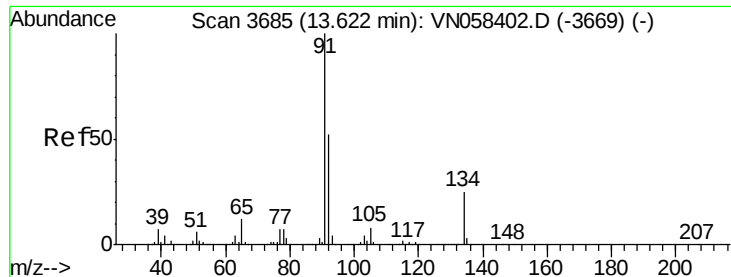
Tgt Ion:146 Resp: 5210
 Ion Ratio Lower Upper
 146 100
 111 48.5 20.8 62.4
 148 66.4 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 2.772 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion:146 Resp: 18090
 Ion Ratio Lower Upper
 146 100
 111 56.8 20.5 61.6
 148 68.6 31.5 94.5

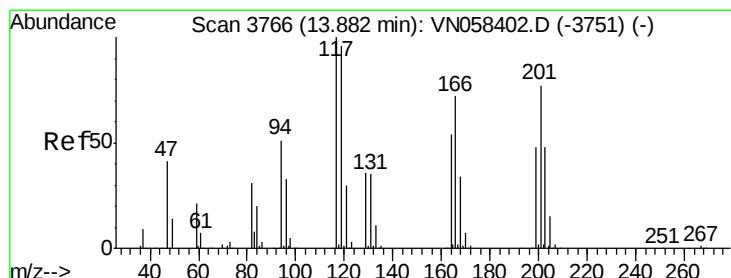
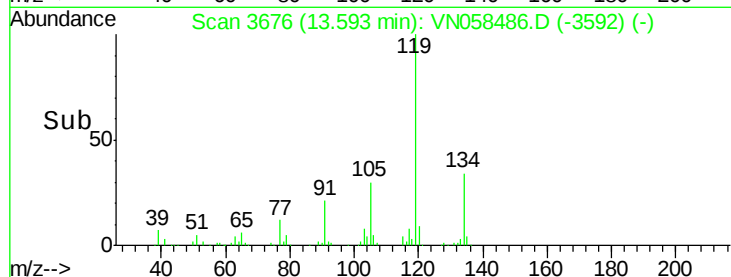
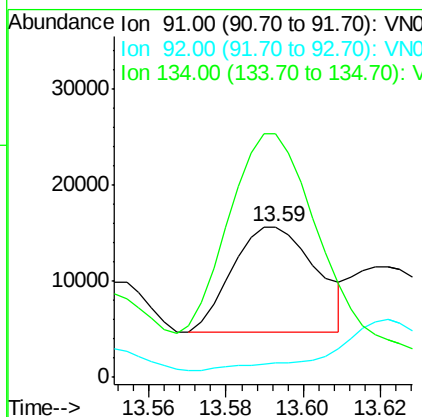
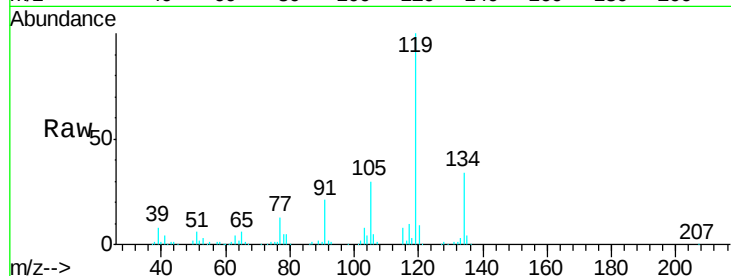




#89
n-Butylbenzene
Concen: 1.440 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. -0.03 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

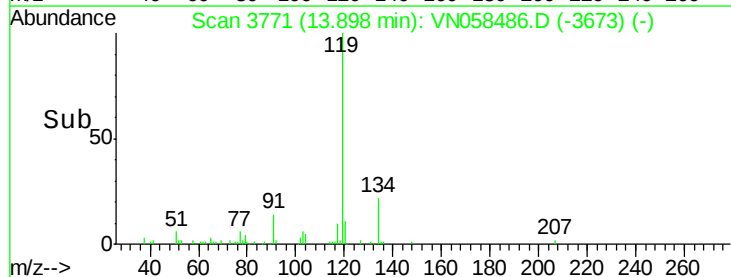
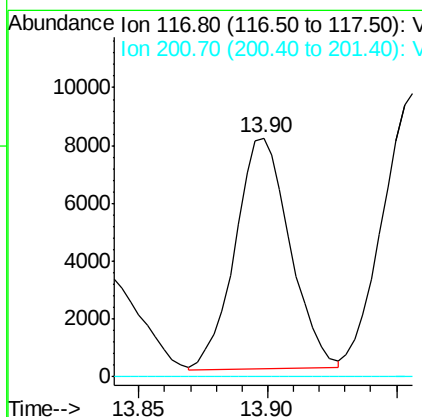
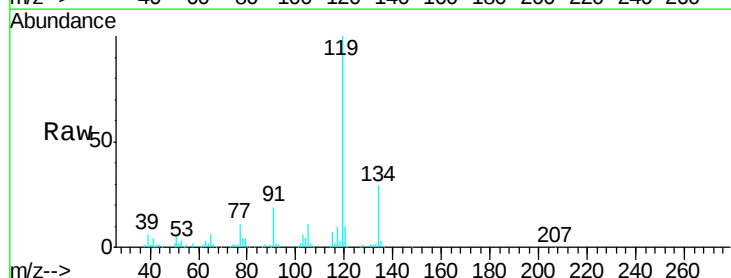
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-3

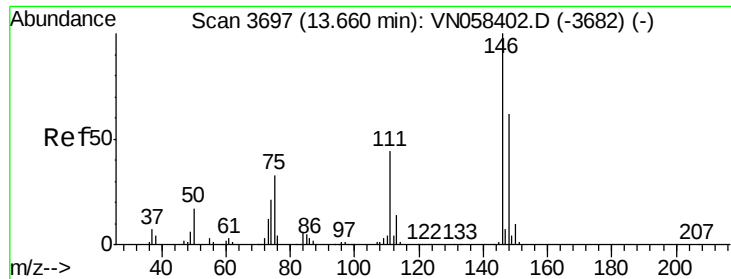
Tgt Ion: 91 Resp: 16470
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.1#
134 288.9 12.2 36.6#



#90
Hexachloroethane
Concen: 6.227 ug/l
RT: 13.90 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN058486.D
Acq: 2 Oct 2019 19:36

Tgt Ion: 117 Resp: 11811
Ion Ratio Lower Upper
117 100
201 0.0 38.6 116.0#





#91

1,2-Dichlorobenzene

Concen: 1.134 ug/l

RT: 13.66 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

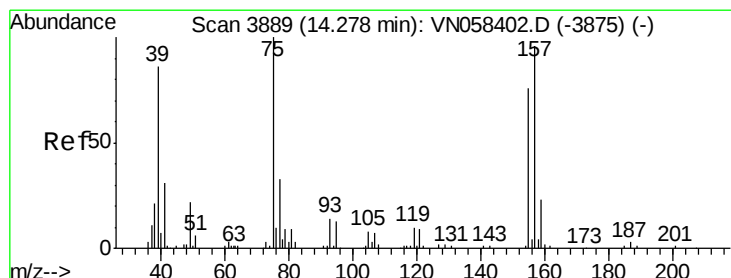
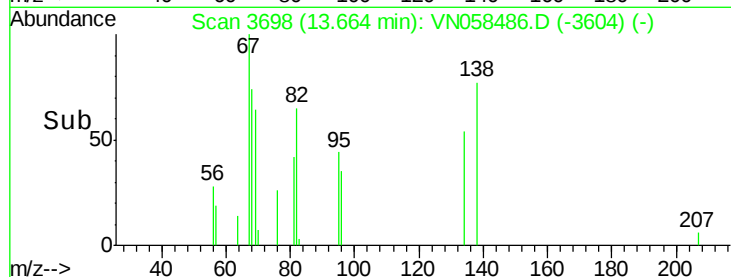
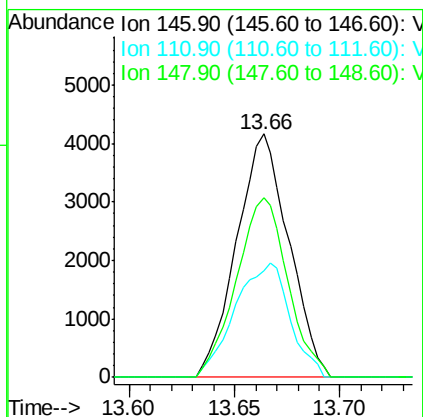
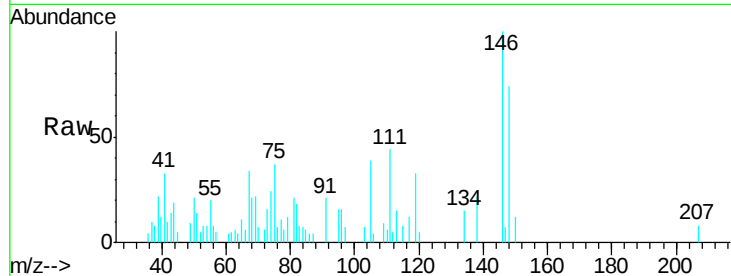
Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-3

Tgt Ion:	146	Resp:	7145
Ion	Ratio	Lower	Upper
146	100		
111	49.5	21.8	65.3
148	72.8	31.5	94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.840 ug/l

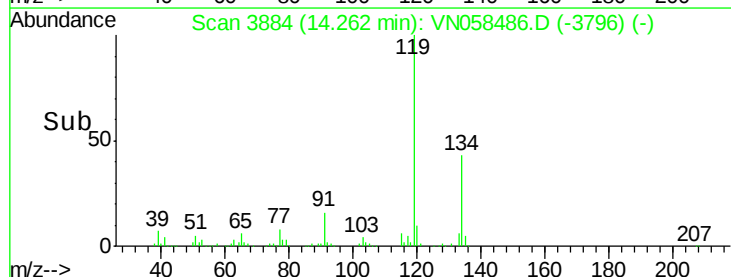
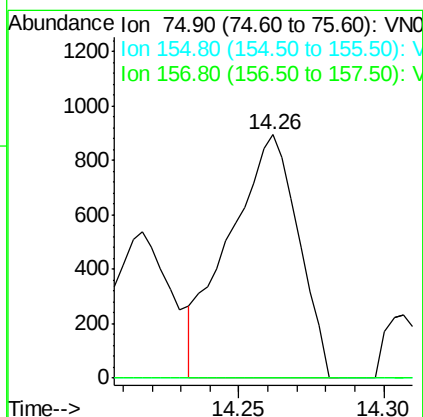
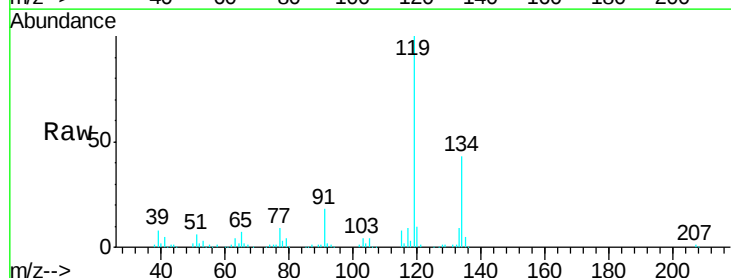
RT: 14.26 min Scan# 3884

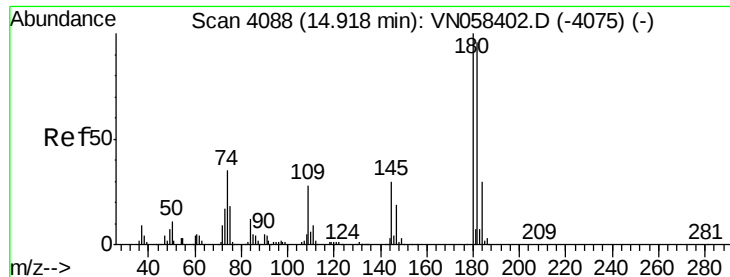
Delta R.T. -0.02 min

Lab File: VN058486.D

Acq: 2 Oct 2019 19:36

Tgt Ion:	75	Resp:	1480
Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.2	117.6#
157	0.0	48.7	146.1#

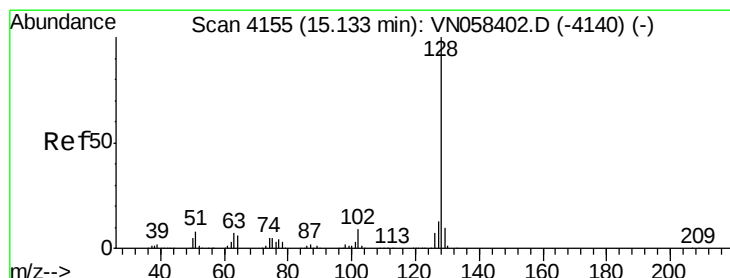
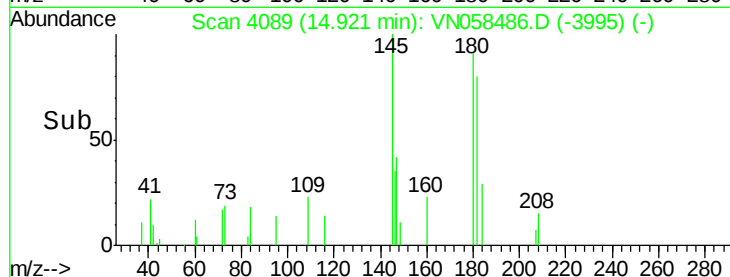
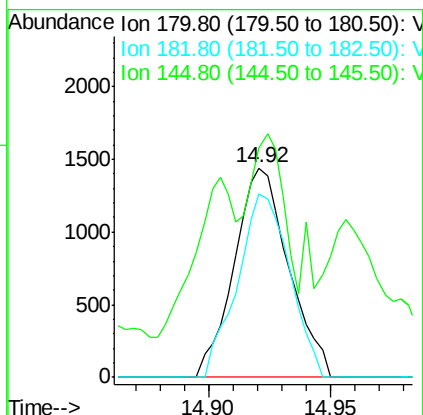
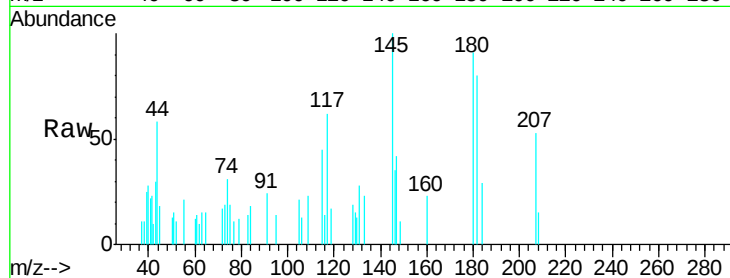




#93
 1,2,4-Trichlorobenzene
 Concen: 0.640 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-3

Tgt Ion:180 Resp: 2228
 Ion Ratio Lower Upper
 180 100
 182 84.1 47.4 142.3
 145 57.3 15.3 45.9#



#95
 Naphthalene
 Concen: 2.979 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN058486.D
 Acq: 2 Oct 2019 19:36

Tgt Ion:128 Resp: 30663
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 10.3 8.3 12.5

