

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090319\
 Data File : VN057664.D
 Acq On : 3 Sep 2019 15:36
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Sep 04 01:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 01:42:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	61146	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	365525	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	334984	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	194067	38.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	128.20%
60) 4-Bromofluorobenzene	12.40	95	183338	35.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	118.00%
63) Toluene-d8	10.08	98	475561	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.84	85	229047	67.269	ug/l	96
3) Chloromethane	2.05	50	229656	71.852	ug/l	99
4) Vinyl Chloride	2.18	62	186902	43.816	ug/l	94
5) Bromomethane	2.52	94	110698	29.749	ug/l	98
6) Chloroethane	2.68	64	132610	45.605	ug/l	96
7) Trichlorofluoromethane	3.01	101	353677	38.982	ug/l	96
8) Diethyl Ether	3.40	74	119602	40.600	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	190509	35.957	ug/l	99
10) 1,1-Dichloroethene	3.73	96	172457	35.113	ug/l	97
11) Methyl Iodide	3.94	142	243970	29.595	ug/l	98
12) Methyl Acetate	4.30	43	253400	75.858	ug/l	99
13) Acrolein	3.59	56	70992	199.297	ug/l	95
14) Acrylonitrile	4.96	53	460198	362.483	ug/l	99
15) Acetone	3.80	58	127714	221.937	ug/l	94
16) Carbon Disulfide	4.04	76	431475	70.786	ug/l	99
17) Allyl chloride	4.31	41	347558	79.175	ug/l	97
18) Methylene Chloride	4.54	84	210867	64.163	ug/l	99
19) trans-1,2-Dichloroethene	5.03	96	181491	57.226	ug/l	99
20) Diisopropyl ether	5.93	45	775031	74.160	ug/l	97
21) 1,1-Dichloroethane	5.83	63	402401	64.356	ug/l	98
22) cis-1,2-Dichloroethene	6.81	96	222422	53.105	ug/l	98
23) tert-Butyl Alcohol	4.75	59	170829	370.212	ug/l #	100
24) Methyl tert-Butyl Ether	5.02	73	671124	63.417	ug/l	99
25) Chloroform	7.36	83	420569	57.291	ug/l	99
26) Cyclohexane	7.64	56	343214	65.769	ug/l #	97
29) 1,1-Dichloropropene	7.78	75	294978	58.062	ug/l	98
30) 2-Butanone	6.81	43	700722	391.803	ug/l #	98
31) 2,2-Dichloropropane	6.81	77	367014	60.309	ug/l #	76
32) 1,1,1-Trichloroethane	7.56	97	369802	55.479	ug/l	98
33) Carbon Tetrachloride	7.76	117	298967	53.309	ug/l	97
34) Benzene	8.03	78	849576	56.362	ug/l #	88
35) Methacrylonitrile	7.16	41	143399	83.809	ug/l	92
36) 1,2-Dichloroethane	8.11	62	380027	66.182	ug/l #	100
37) Trichloroethene	8.83	130	202524	48.251	ug/l	98
38) Methylcyclohexane	9.07	83	328119	54.474	ug/l	98
39) 1,2-Dichloropropane	9.11	63	233296	61.504	ug/l	95
40) Dibromomethane	9.20	93	148942	53.355	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	327038	56.668	ug/l	95
42) Vinyl Acetate	5.87	43	3259743	406.230	ug/l	100
43) Ethyl Acetate	6.91	43	291125	83.816	ug/l #	81
44) Isopropyl Acetate	8.15	43	535958	77.426	ug/l #	82
45) 1,4-Dioxane	9.19	88	70743	1270.411	ug/l	95
46) Methyl methacrylate	9.19	41	264647	82.452	ug/l	99
47) n-amyl Acetate	12.07	43	431202	78.202	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	345434	59.247	ug/l	96
49) cis-1,3-Dichloropropene	9.83	75	363963	57.865	ug/l	93
50) 1,1,2-Trichloroethane	10.56	97	200872	50.380	ug/l	98
51) Ethyl methacrylate	10.43	69	339659	63.000	ug/l	99
52) 1,3-Dichloropropane	10.71	76	357838	56.390	ug/l	100
53) Dibromochloromethane	10.90	129	215919	49.062	ug/l	99
54) 1,2-Dibromoethane	11.00	107	205461	50.170	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	565195	405.813	ug/l	98
56) Bromoform	12.13	173	134179	47.093	ug/l #	98
58) 4-Methyl-2-Pentanone	9.98	43	1542754	401.813	ug/l	99
59) 2-Hexanone	10.75	43	1075833	405.515	ug/l	99
61) Tetrachloroethene	10.63	164	183148	43.616	ug/l	97
62) Toluene	10.15	91	934917	54.786	ug/l	99
64) Chlorobenzene	11.43	112	545602	50.524	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	201909	47.505	ug/l	97
66) Ethyl Benzene	11.51	91	1093068	59.262	ug/l	99
67) m/p-Xylenes	11.62	106	748609	103.716	ug/l	100
68) o-Xylene	11.95	106	369034	50.807	ug/l	96
69) Styrene	11.96	104	617493	53.951	ug/l	98
70) Isopropylbenzene	12.25	105	1055122	57.806	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	267577	54.213	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	361746	85.355	ug/l	63
73) Bromobenzene	12.53	156	221524	48.527	ug/l	96
74) n-propylbenzene	12.59	91	1195757	63.228	ug/l	100
75) 2-Chlorotoluene	12.68	91	722381	58.664	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	868576	56.713	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	81318	60.494	ug/l	87
78) 4-Chlorotoluene	12.77	91	697080	59.769	ug/l	100
79) tert-butylbenzene	12.99	119	728941	52.376	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	829998	57.861	ug/l	99
81) sec-Butylbenzene	13.17	105	981527	57.985	ug/l	99
82) p-Isopropyltoluene	13.29	119	811703	54.565	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	338471	46.400	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	319443	45.834	ug/l	99
85) n-Butylbenzene	13.62	91	733287	60.787	ug/l	98
86) Hexachloroethane	13.88	117	147891	51.240	ug/l	92
87) 1,2-Dichlorobenzene	13.66	146	305848	44.148	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	38949	55.090	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	96159	37.996	ug/l	99
90) Hexachlorobutadiene	15.01	225	116269	50.511	ug/l	98
91) Naphthalene	15.13	128	245035	35.512	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	92388	36.972	ug/l	97

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ClientSampleId :
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QLast Update : Wed Sep 04 01:42:15 2019
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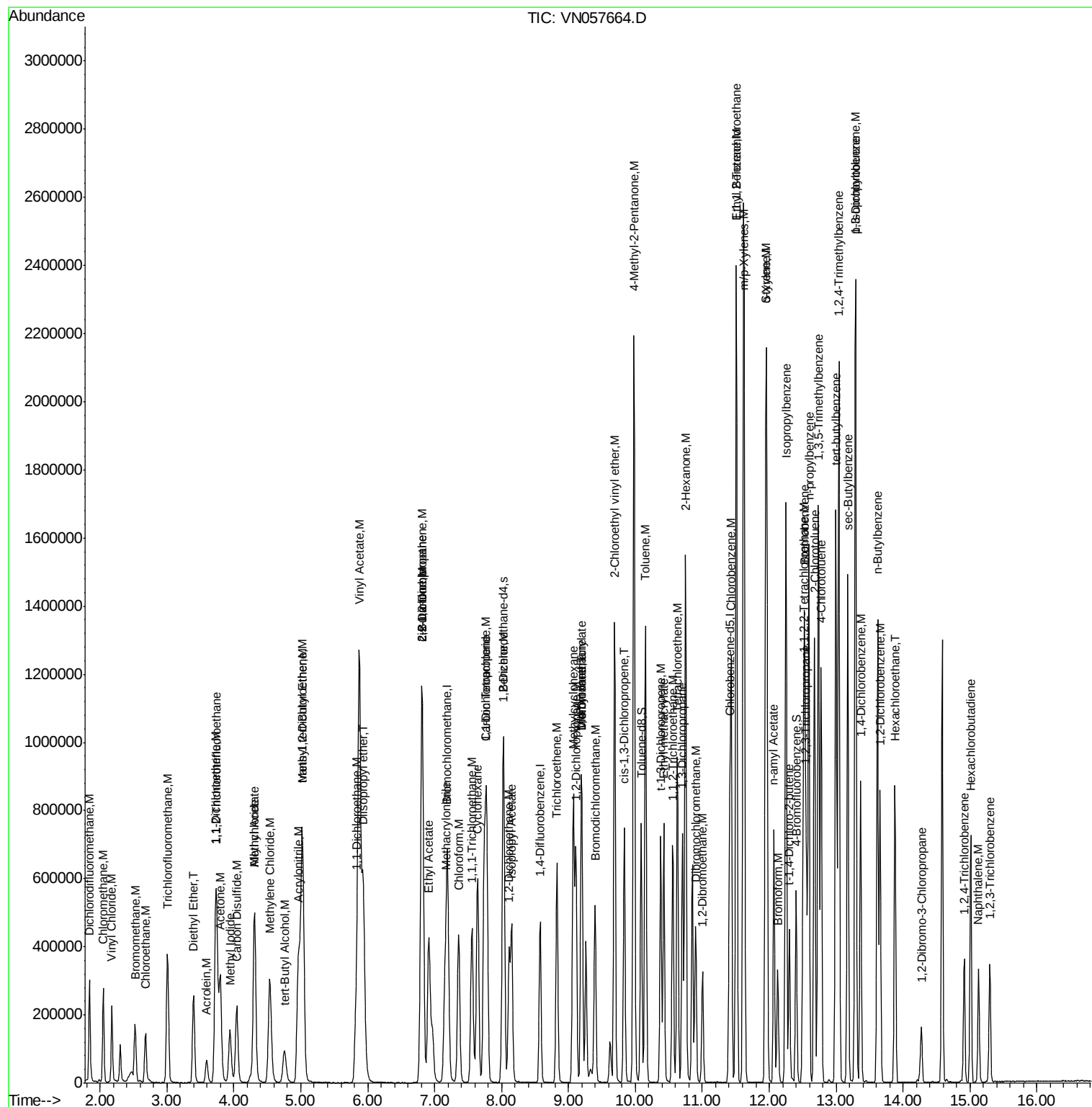
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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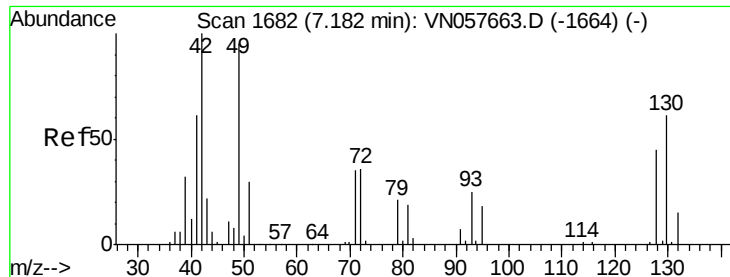
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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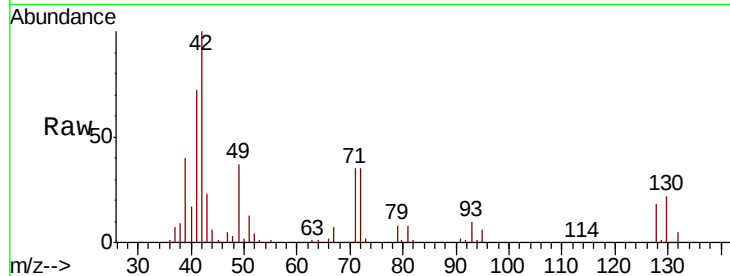




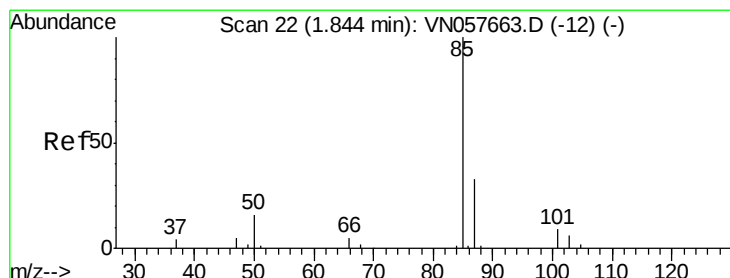
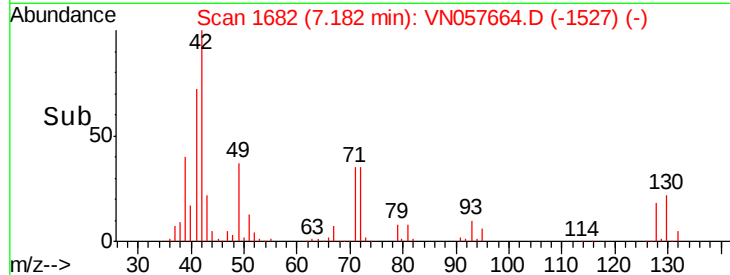
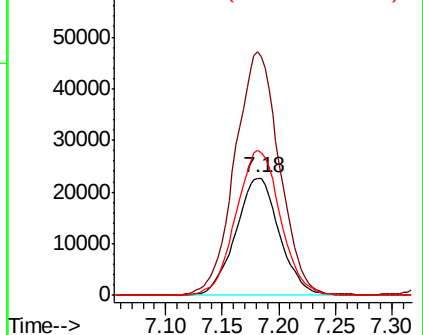
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN057664.D
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 ClientSampleId :
 VSTDIC050

Tgt Ion:128 Resp: 61146
 Ion Ratio Lower Upper
 128 100
 49 211.5 0.0 544.5
 130 125.4 0.0 324.7

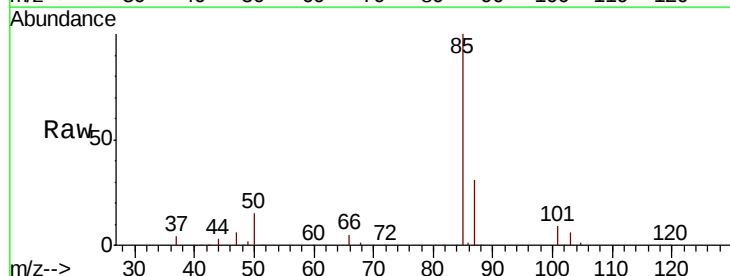


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

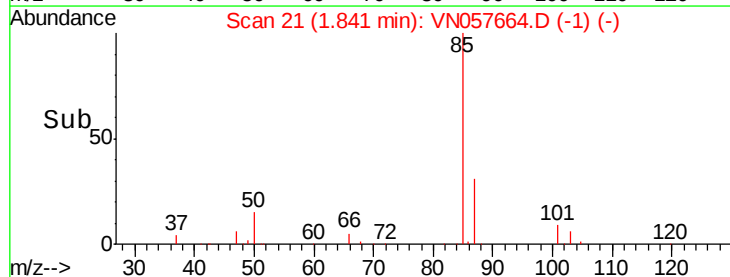
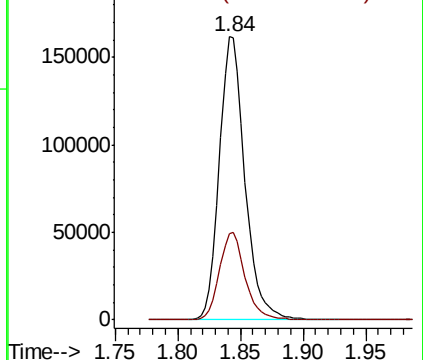


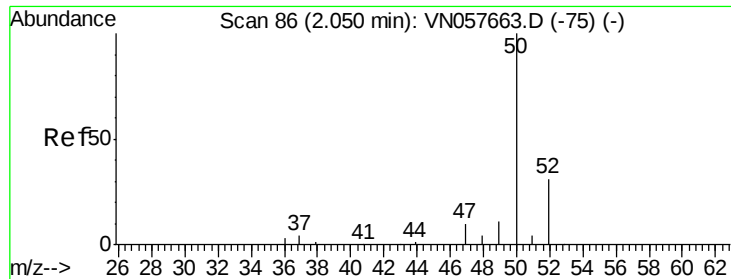
#2
 Dichlorodifluoromethane
 Concen: 67.269 ug/l
 RT: 1.84 min Scan# 21
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 85 Resp: 229047
 Ion Ratio Lower Upper
 85 100
 87 30.6 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 71.852 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

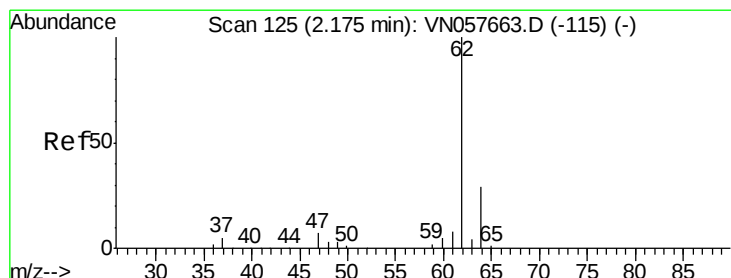
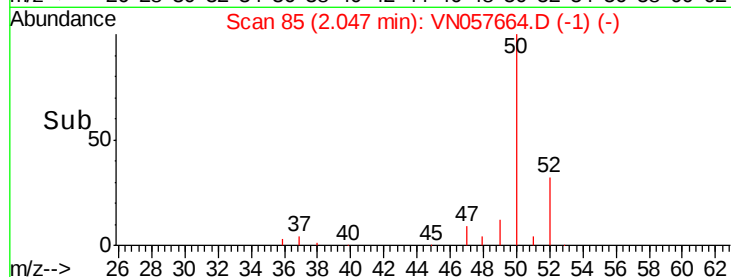
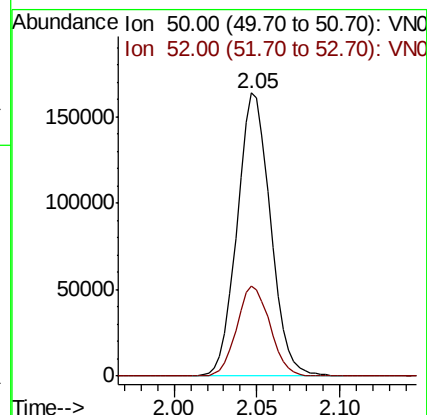
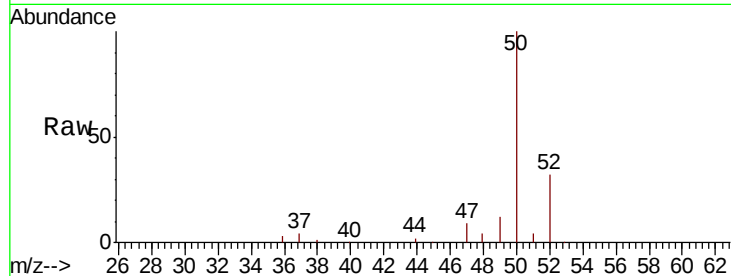
VSTDIC050

Tgt Ion: 50 Resp: 229656

Ion Ratio Lower Upper

50 100

52 31.8 25.2 37.8



#4

Vinyl Chloride

Concen: 43.816 ug/l

RT: 2.18 min Scan# 125

Delta R.T. -0.00 min

Lab File: VN057664.D

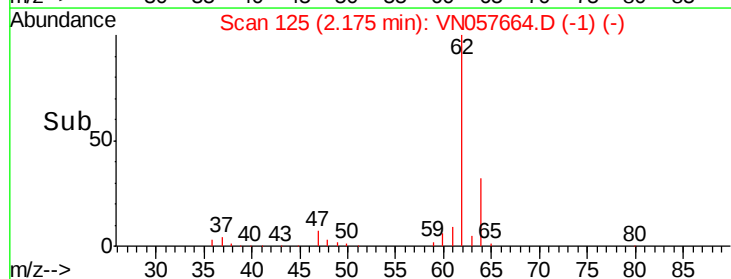
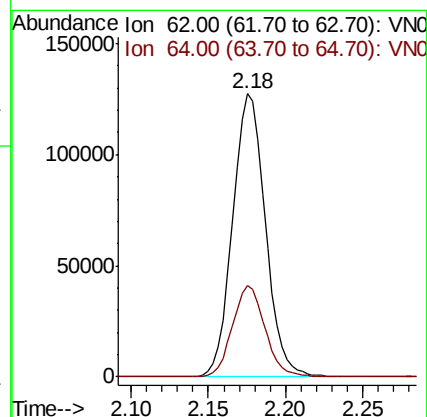
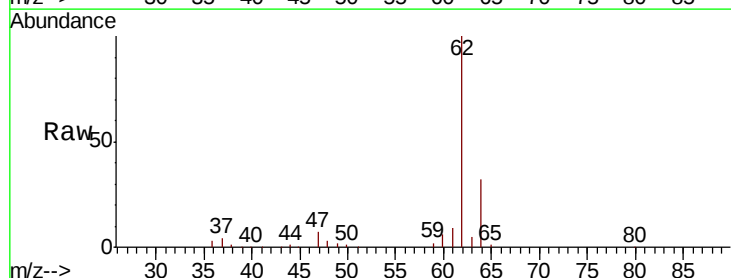
Acq: 3 Sep 2019 15:36

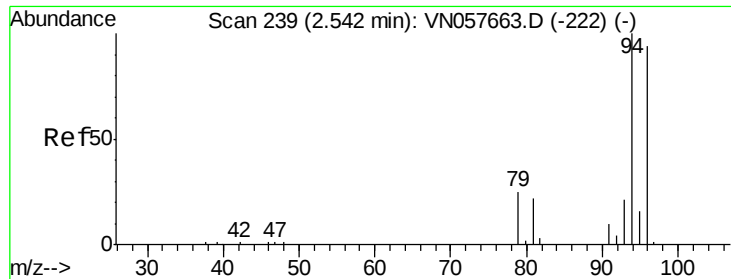
Tgt Ion: 62 Resp: 186902

Ion Ratio Lower Upper

62 100

64 32.4 23.2 34.8

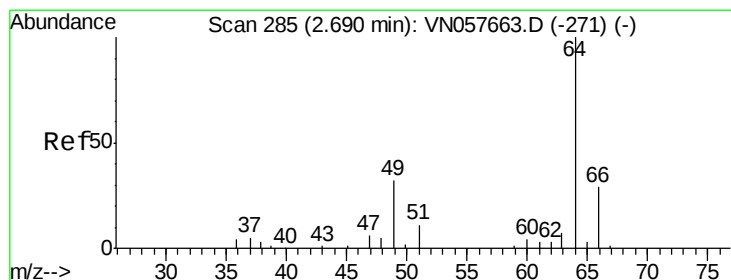
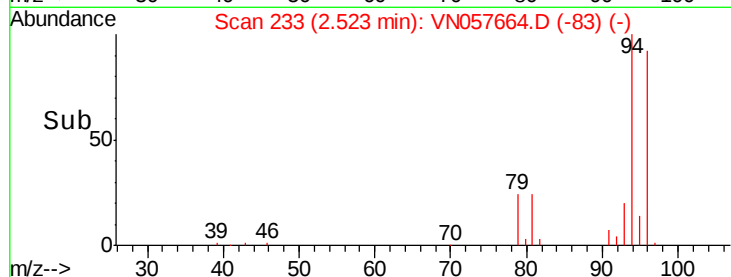
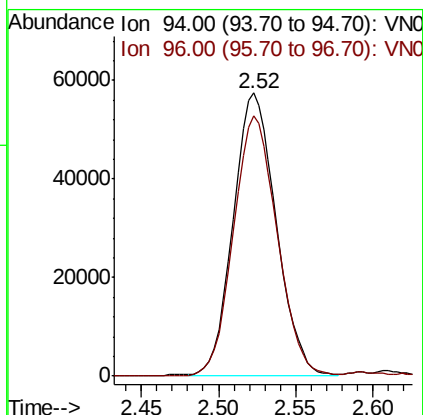
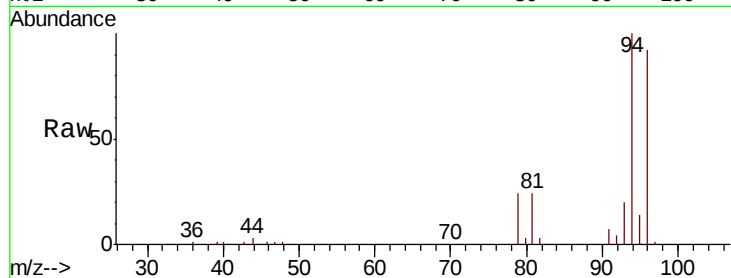




#5
Bromomethane
Concen: 29.749 ug/l
RT: 2.52 min Scan# 233
Delta R.T. -0.02 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

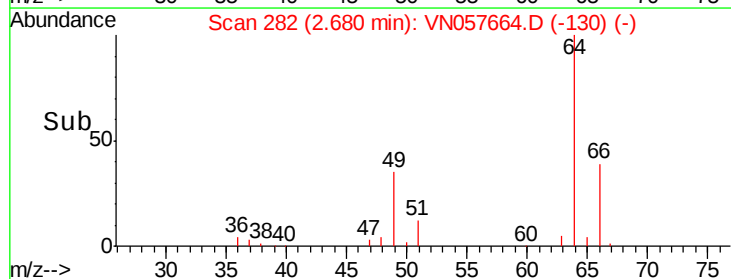
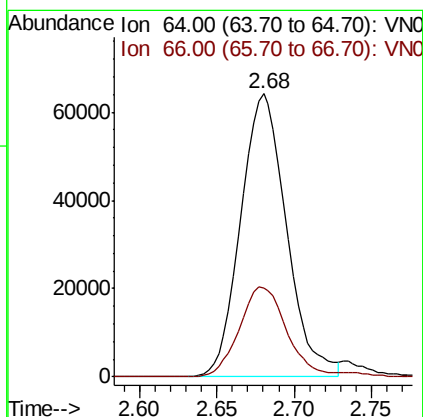
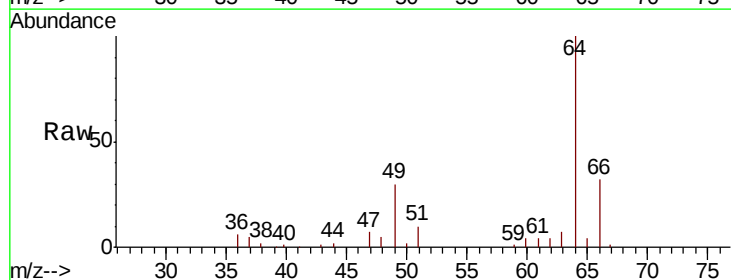
Instrument :
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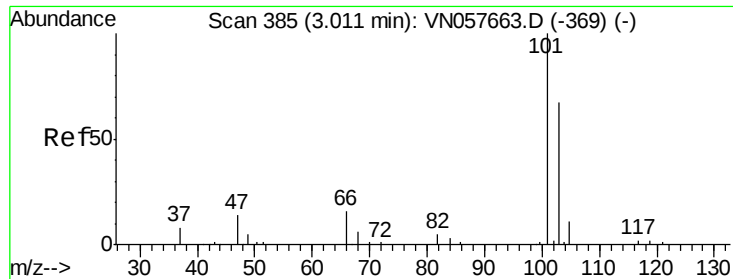
Tgt Ion: 94 Resp: 110698
Ion Ratio Lower Upper
94 100
96 92.1 75.6 113.4



#6
Chloroethane
Concen: 45.605 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 64 Resp: 132610
Ion Ratio Lower Upper
64 100
66 31.6 23.5 35.3



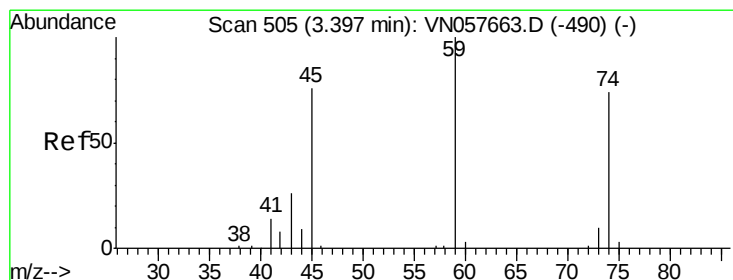
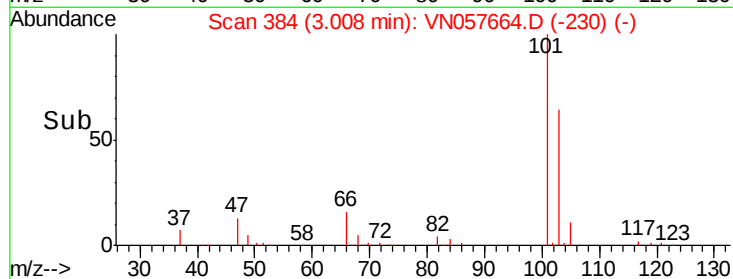
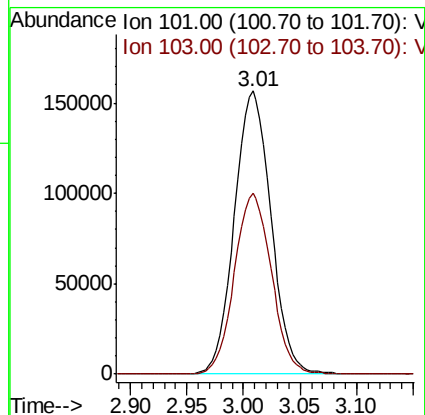
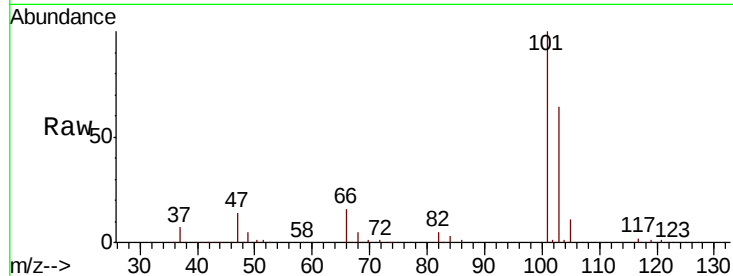


#7

Trichlorofluoromethane
 Concen: 38.982 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Instrument :
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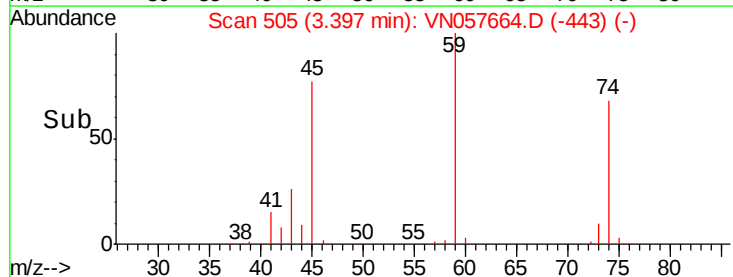
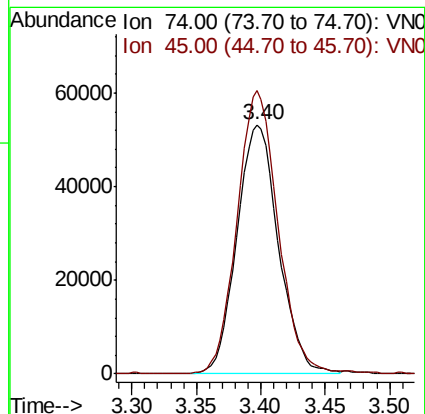
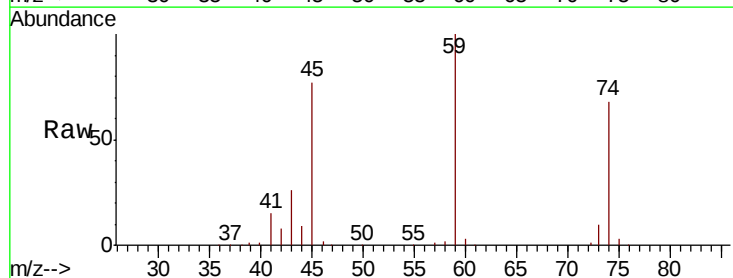
Tgt Ion: 101 Resp: 353677
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.6 80.4

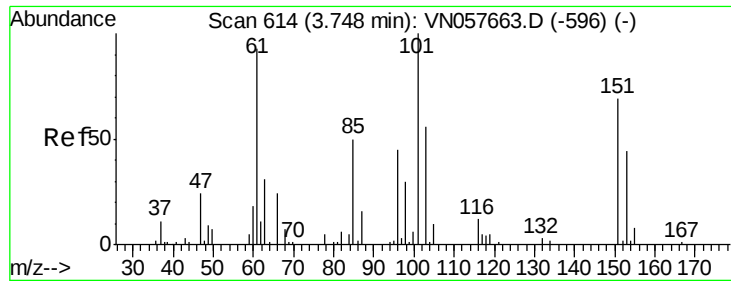


#8

Diethyl Ether
 Concen: 40.600 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 74 Resp: 119602
 Ion Ratio Lower Upper
 74 100
 45 111.5 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.957 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

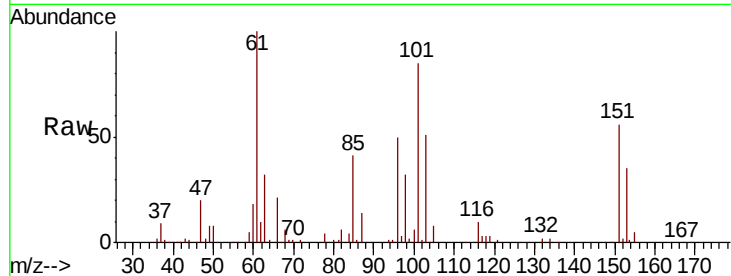
Tgt Ion:101 Resp: 190509

Ion Ratio Lower Upper

101 100

85 49.0 0.0 100.2

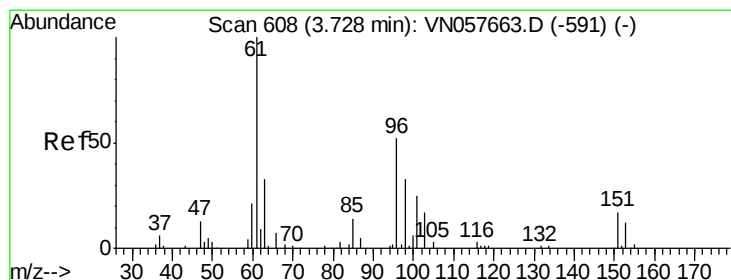
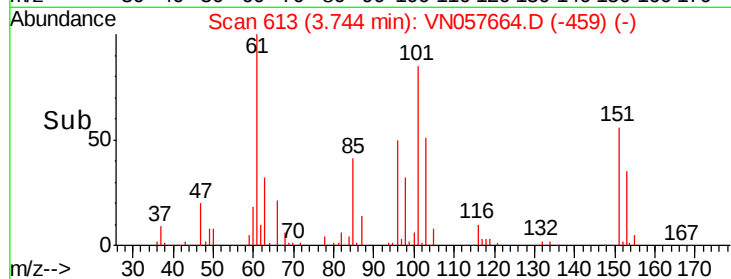
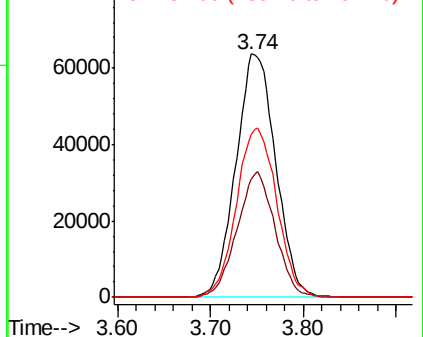
151 70.2 0.0 140.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 35.113 ug/l

RT: 3.73 min Scan# 607

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

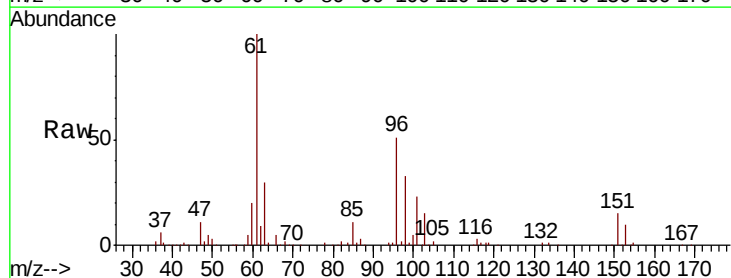
Tgt Ion: 96 Resp: 172457

Ion Ratio Lower Upper

96 100

61 196.2 152.9 229.3

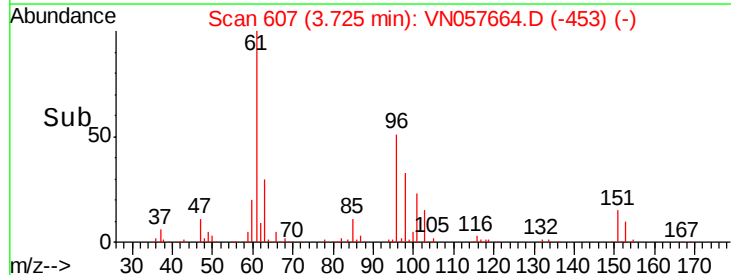
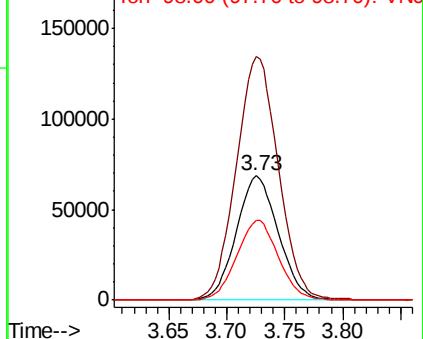
98 64.5 51.0 76.4

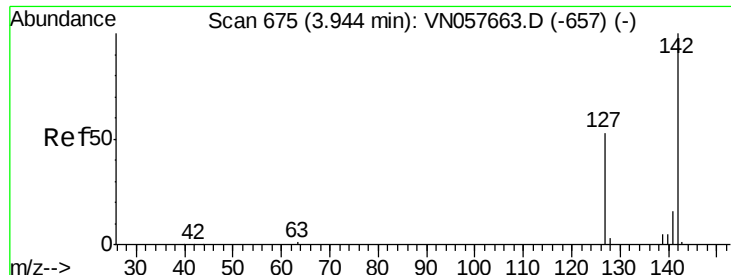


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

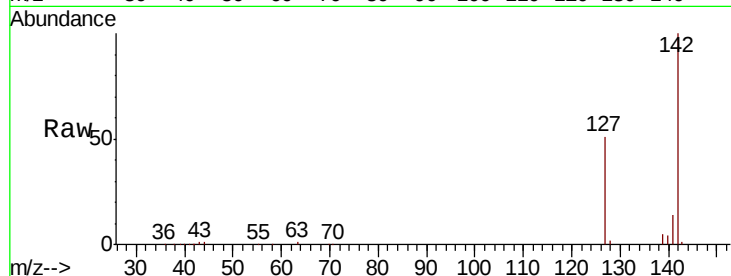




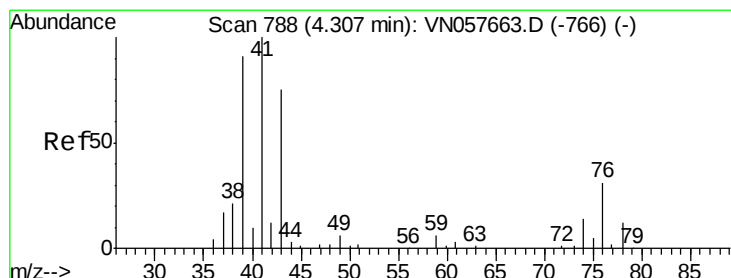
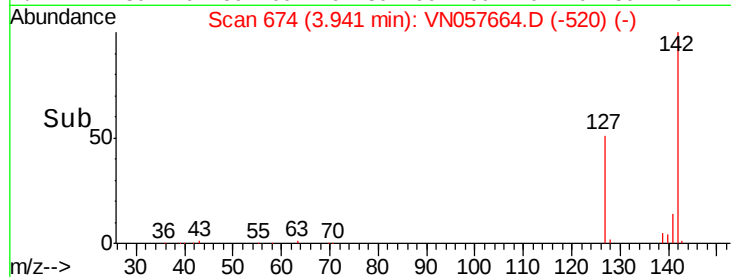
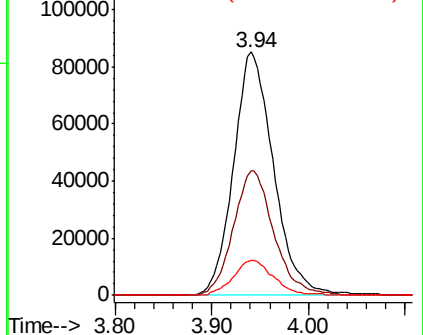
#11
Methyl Iodide
Concen: 29.595 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tgt Ion: 142 Resp: 243970
Ion Ratio Lower Upper
142 100
127 51.0 26.2 78.5
141 14.4 7.6 22.9

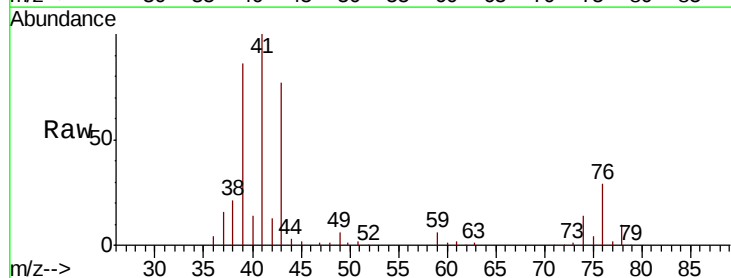


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

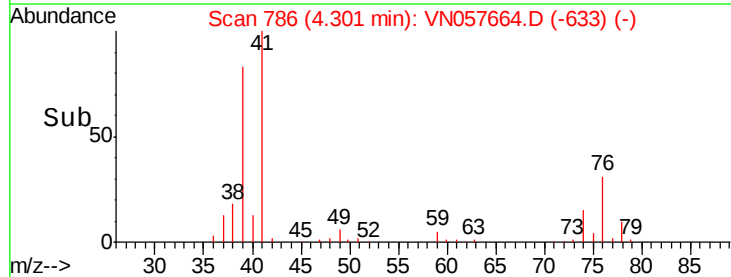
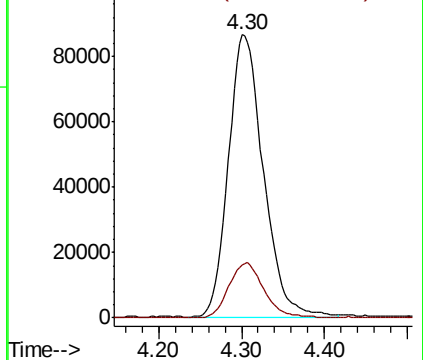


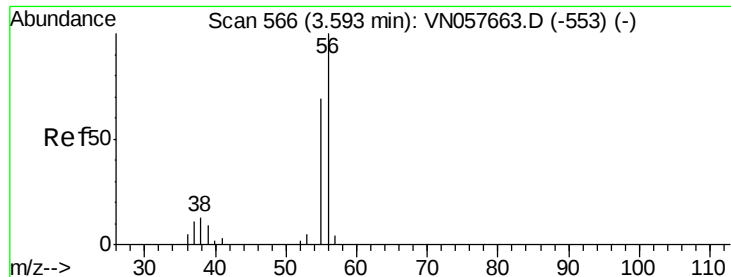
#12
Methyl Acetate
Concen: 75.858 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.01 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 43 Resp: 253400
Ion Ratio Lower Upper
43 100
74 18.7 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V

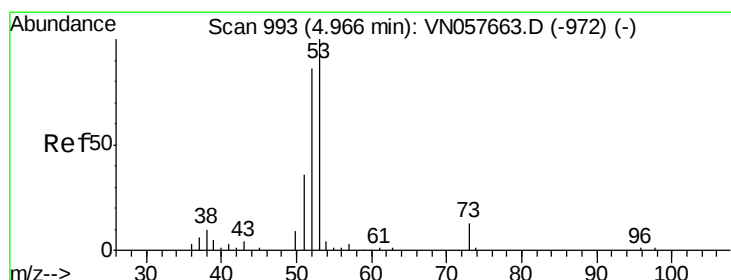
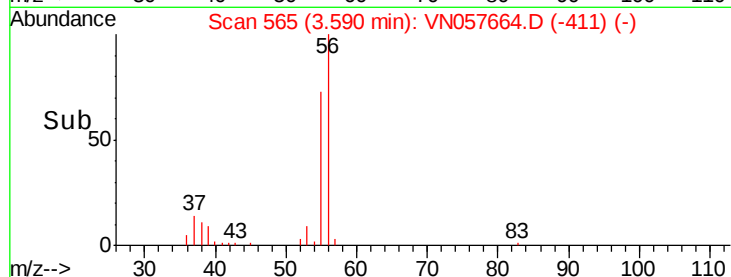
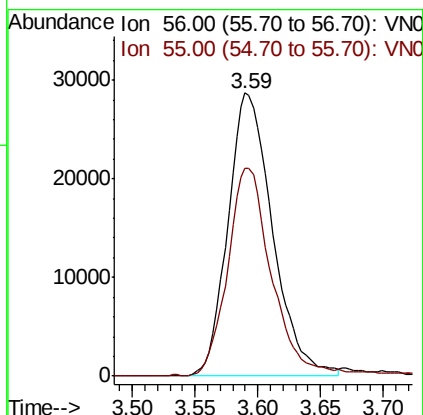
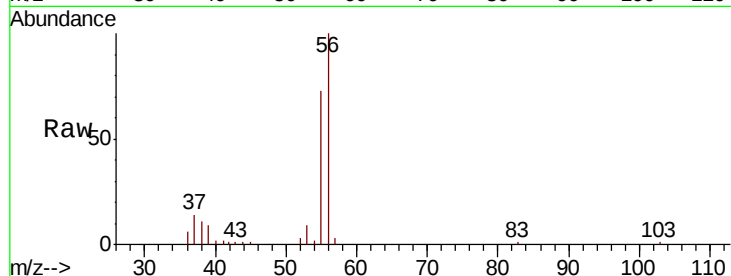




#13
Acrolein
Concen: 199.297 ug/l
RT: 3.59 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

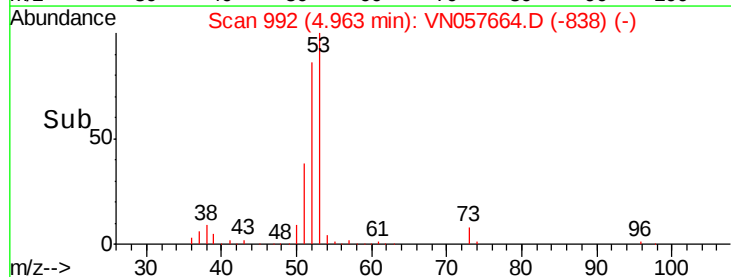
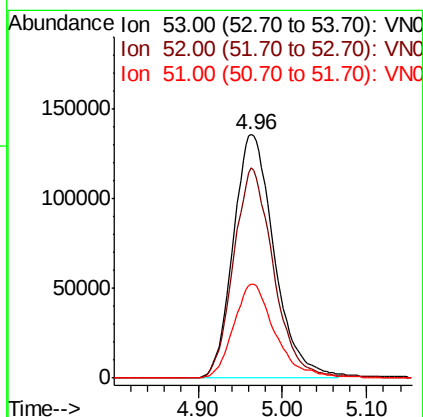
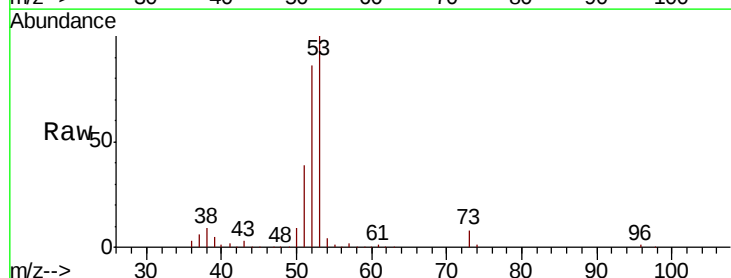
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

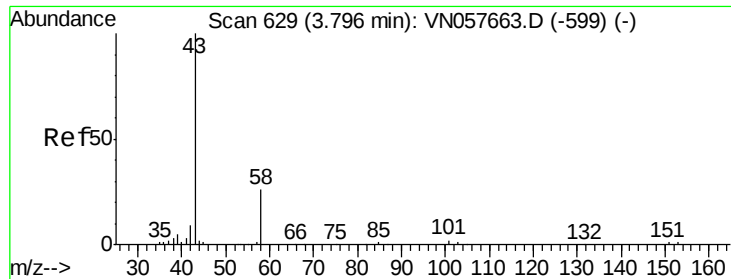
Tgt Ion: 56 Resp: 70992
Ion Ratio Lower Upper
56 100
55 71.6 54.2 81.4



#14
Acrylonitrile
Concen: 362.483 ug/l
RT: 4.96 min Scan# 992
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 53 Resp: 460198
Ion Ratio Lower Upper
53 100
52 83.9 41.9 125.7
51 37.6 19.4 58.2





#15

Acetone

Concen: 221.937 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

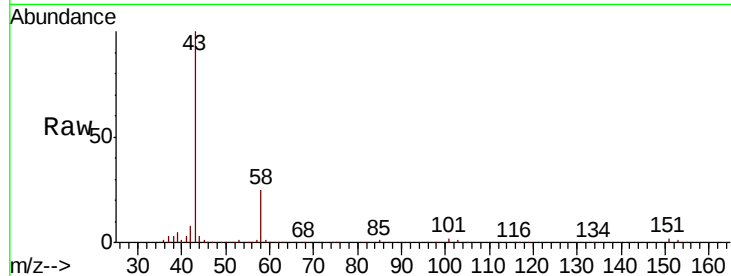
VSTDIC050

Tgt Ion: 58 Resp: 127714

Ion Ratio Lower Upper

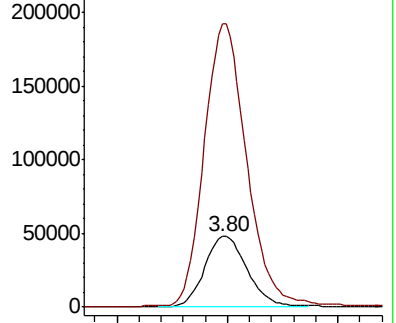
58 100

43 399.5 308.8 463.2

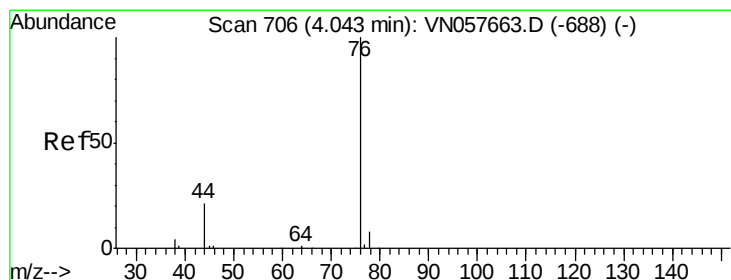
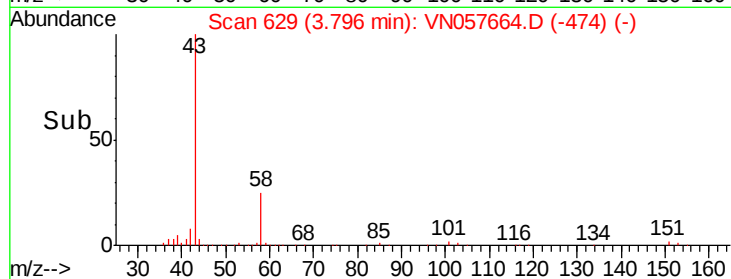


Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



Time-->



#16

Carbon Disulfide

Concen: 70.786 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN057664.D

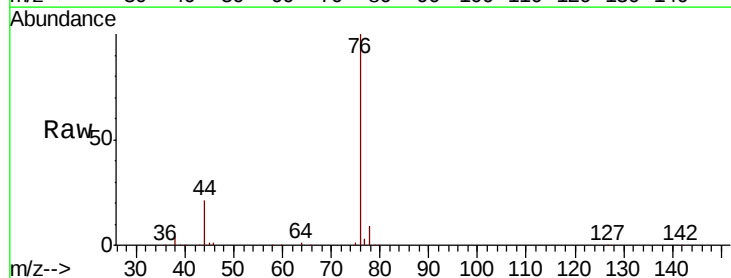
Acq: 3 Sep 2019 15:36

Tgt Ion: 76 Resp: 431475

Ion Ratio Lower Upper

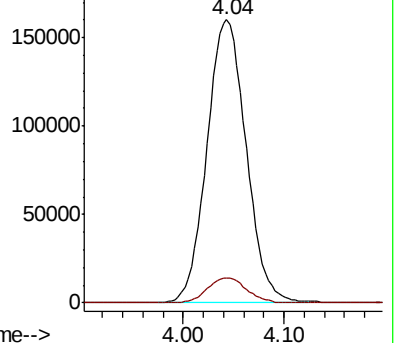
76 100

78 8.9 6.8 10.2

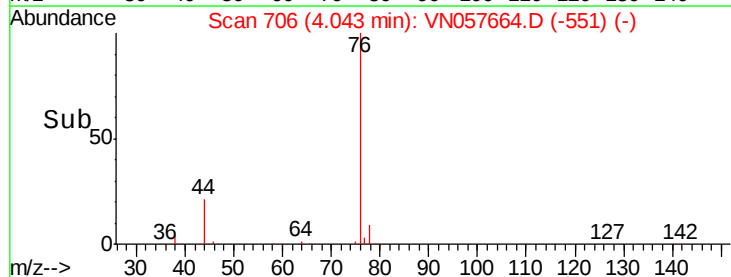


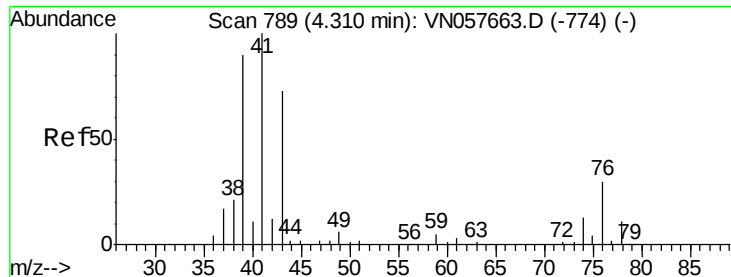
Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0



Time-->

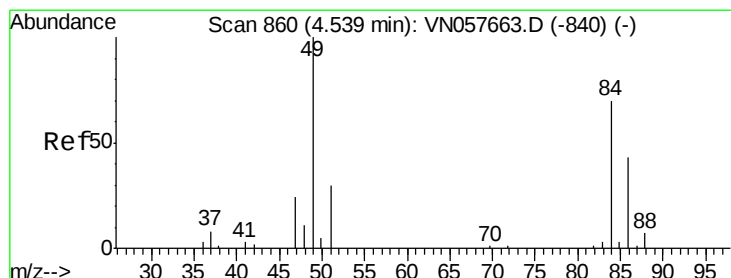
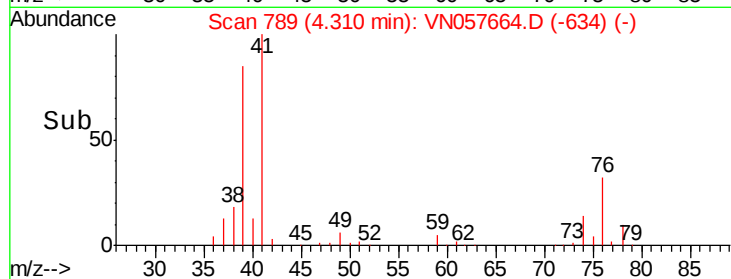
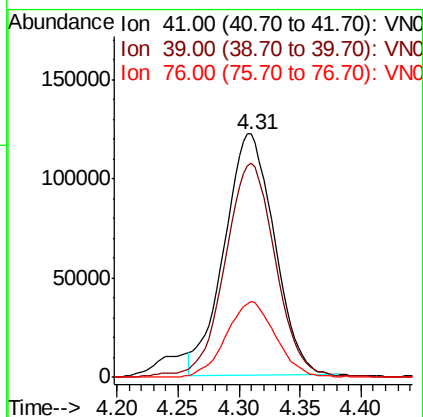
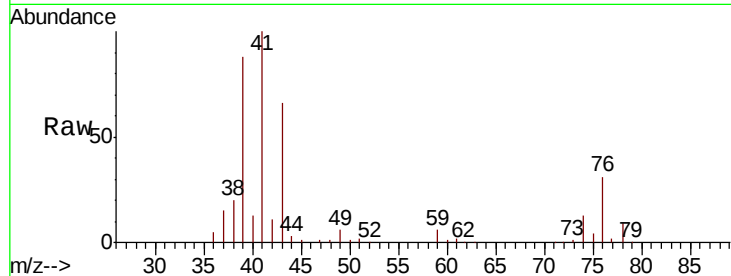




#17
 Allyl chloride
 Concen: 79.175 ug/l
 RT: 4.31 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

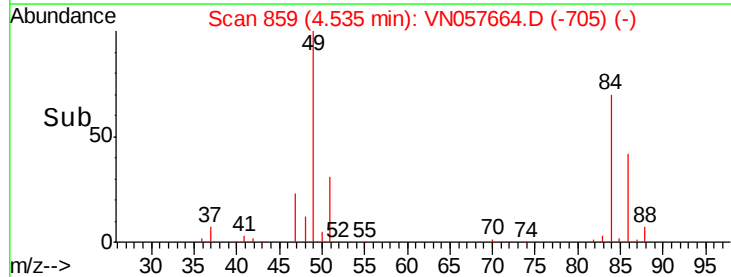
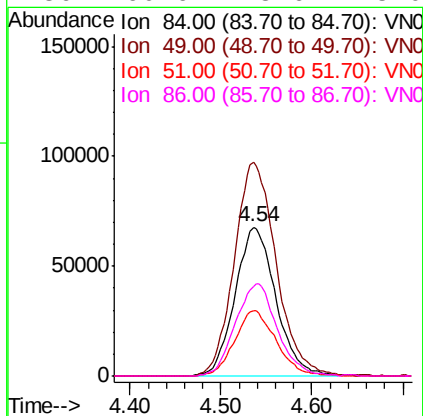
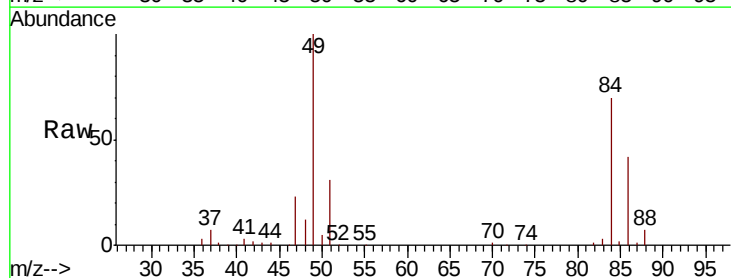
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

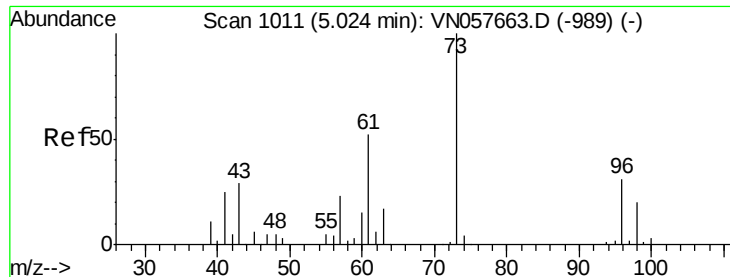
Tgt Ion: 41 Resp: 347558
 Ion Ratio Lower Upper
 41 100
 39 87.8 43.0 128.8
 76 31.0 14.2 42.8



#18
 Methylene Chloride
 Concen: 64.163 ug/l
 RT: 4.54 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 84 Resp: 210867
 Ion Ratio Lower Upper
 84 100
 49 143.7 113.7 170.5
 51 44.3 34.5 51.7
 86 60.6 48.6 73.0

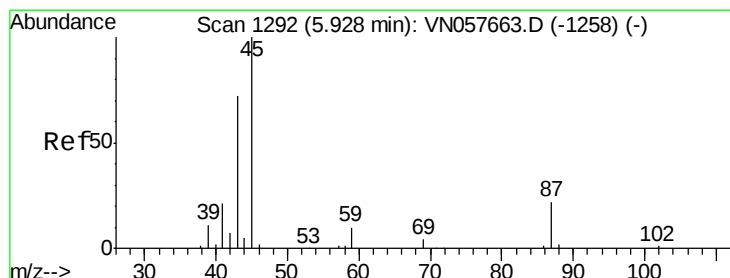
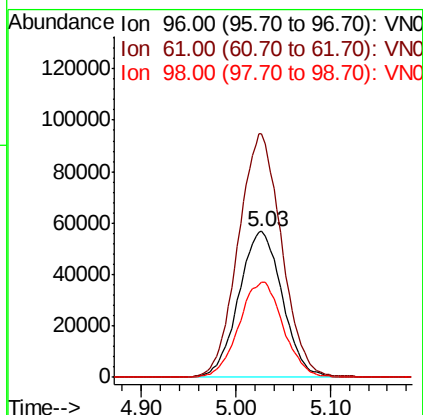
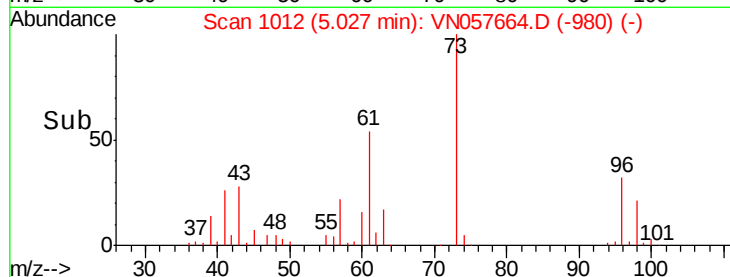
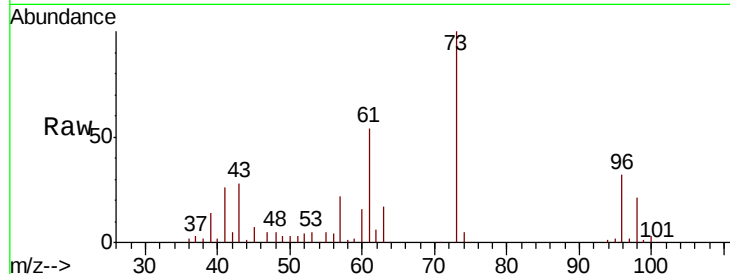




#19
trans-1,2-Dichloroethene
Concen: 57.226 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

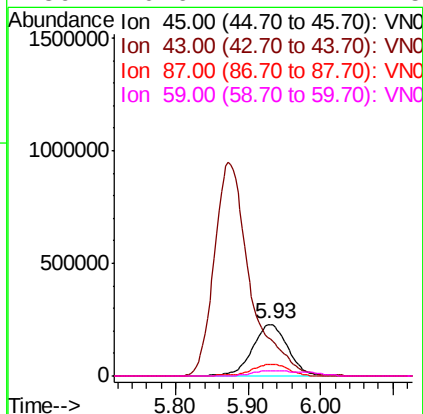
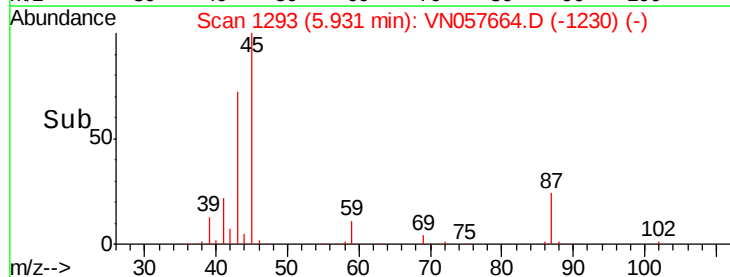
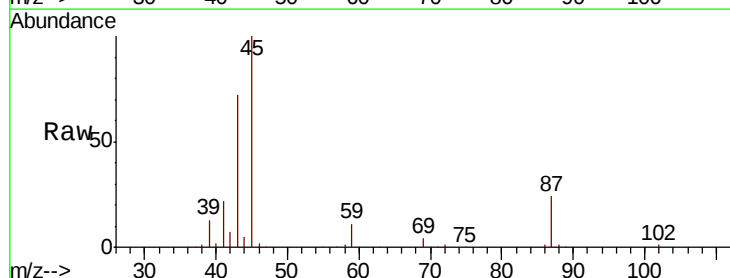
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

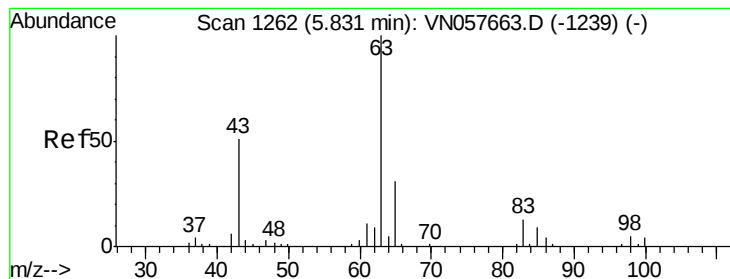
Tgt Ion: 96 Resp: 181491
Ion Ratio Lower Upper
96 100
61 166.5 133.4 200.0
98 65.3 50.4 75.6



#20
Diisopropyl ether
Concen: 74.160 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 45 Resp: 775031
Ion Ratio Lower Upper
45 100
43 70.2 58.3 87.5
87 23.4 18.5 27.7
59 10.6 7.7 11.5





#21

1,1-Dichloroethane

Concen: 64.356 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

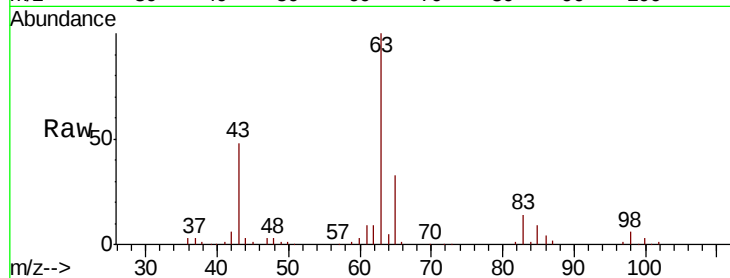
Tgt Ion: 63 Resp: 402401

Ion Ratio Lower Upper

63 100

98 5.8 2.6 7.8

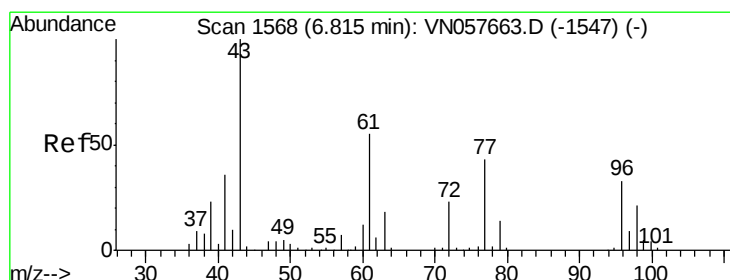
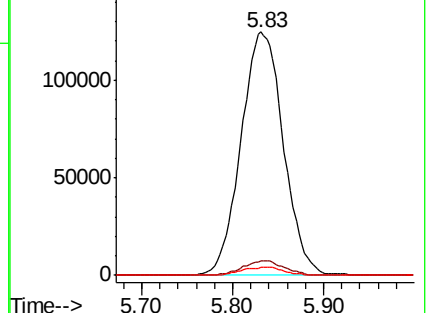
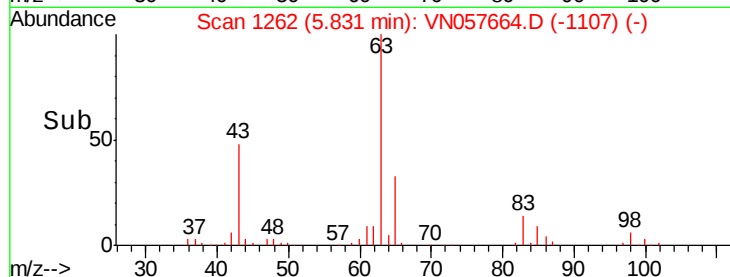
100 3.2 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN057664.D (-1107) (-)

Ion 98.00 (97.70 to 98.70): VN057664.D (-1107) (-)

Ion 100.00 (99.70 to 100.70): VN057664.D (-1107) (-)



#22

cis-1,2-Dichloroethene

Concen: 53.105 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

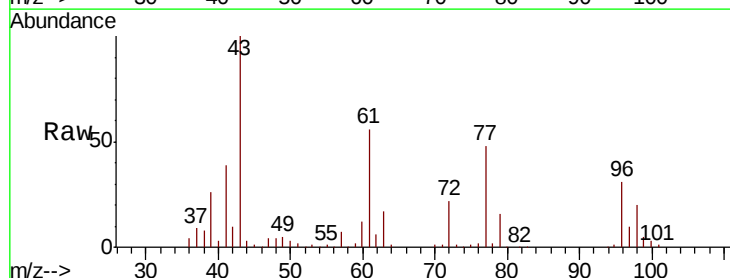
Tgt Ion: 96 Resp: 222422

Ion Ratio Lower Upper

96 100

61 173.9 137.2 205.8

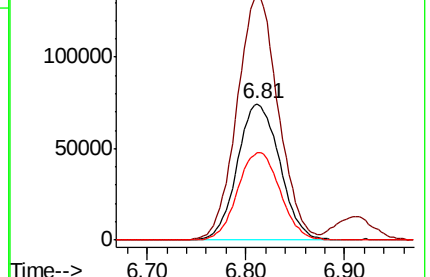
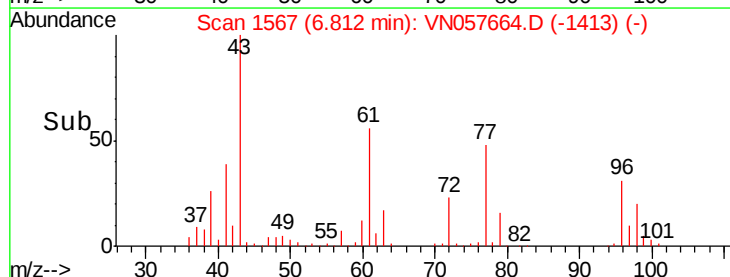
98 64.4 50.5 75.7

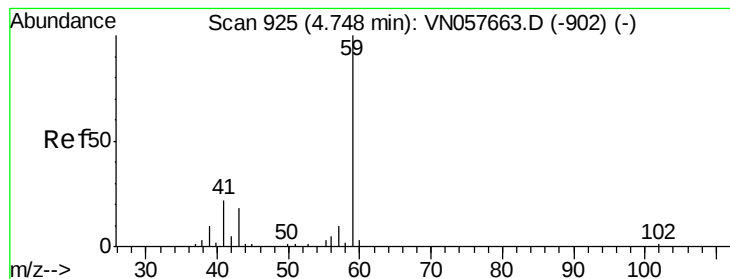


Abundance Ion 96.00 (95.70 to 96.70): VN057664.D (-1413) (-)

Ion 61.00 (60.70 to 61.70): VN057664.D (-1413) (-)

Ion 98.00 (97.70 to 98.70): VN057664.D (-1413) (-)



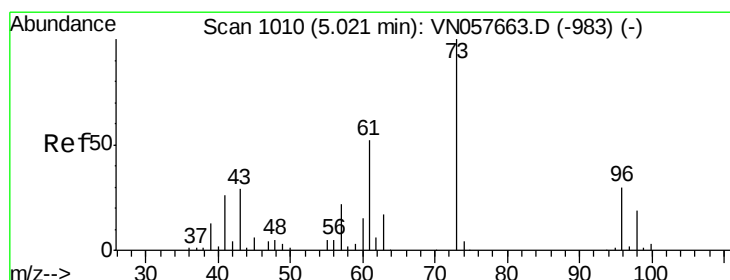
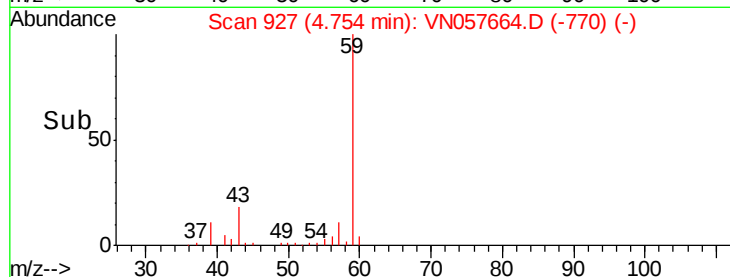
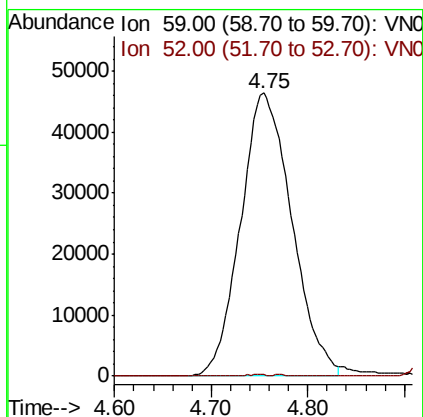
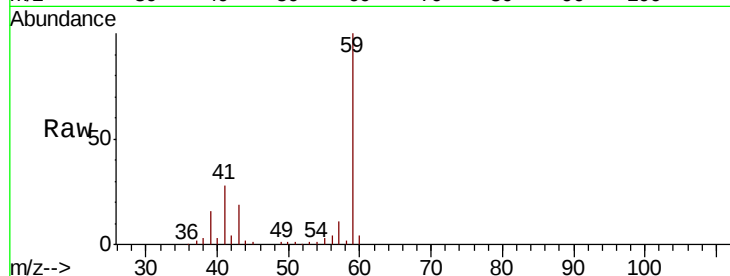


#23

tert-Butyl Alcohol
 Concen: 370.212 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

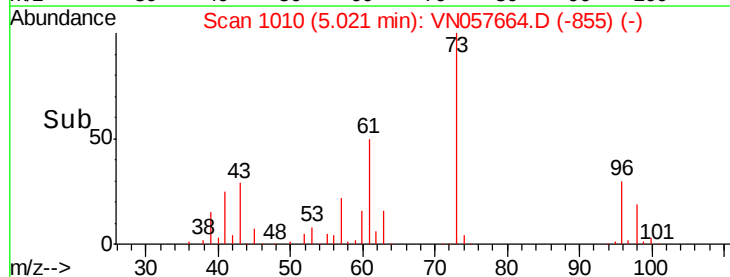
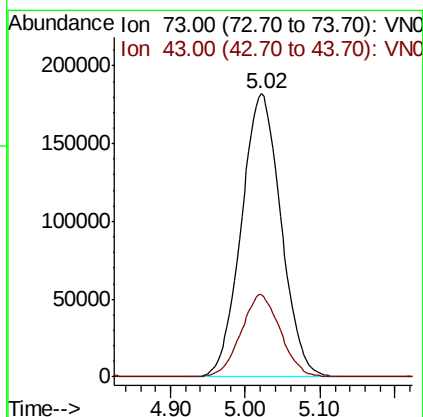
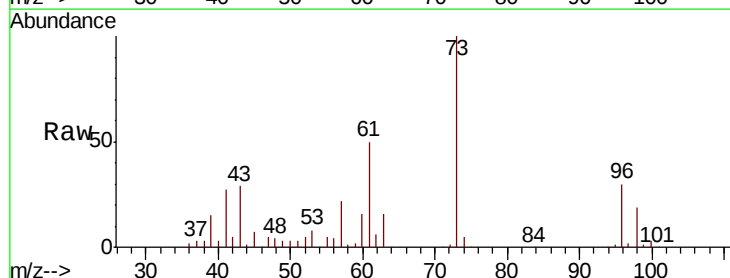
Tgt Ion: 59 Resp: 170829
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

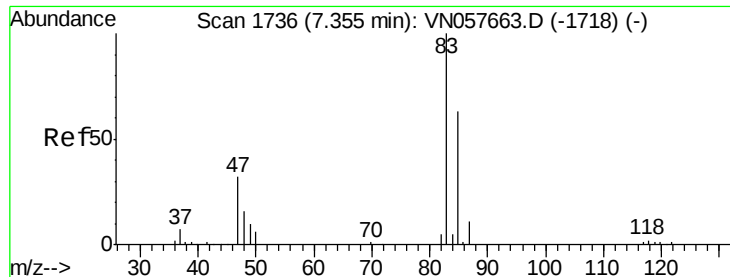


#24

Methyl tert-Butyl Ether
 Concen: 63.417 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 73 Resp: 671124
 Ion Ratio Lower Upper
 73 100
 43 28.6 23.2 34.8





#25

Chloroform

Concen: 57.291 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

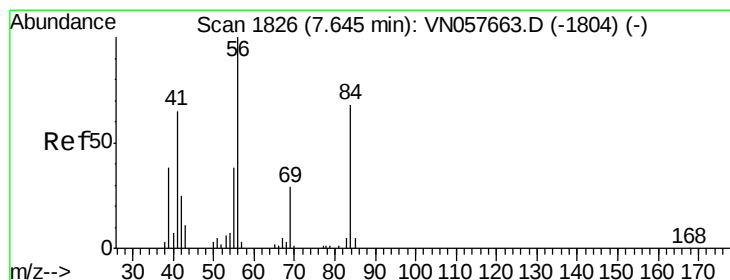
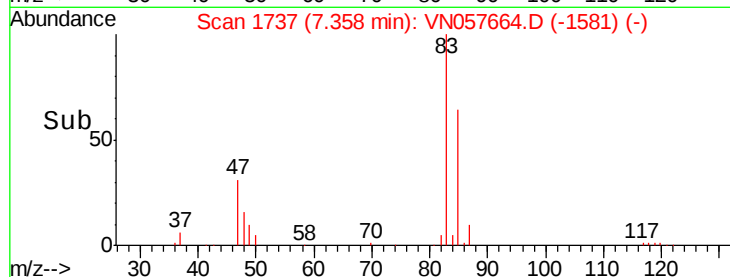
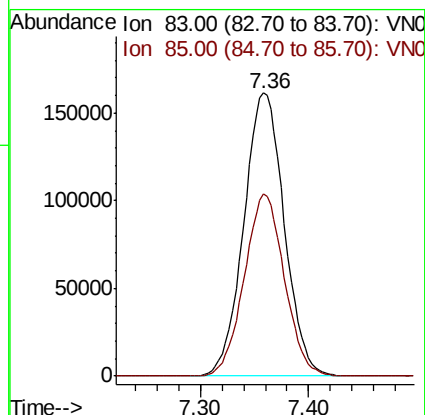
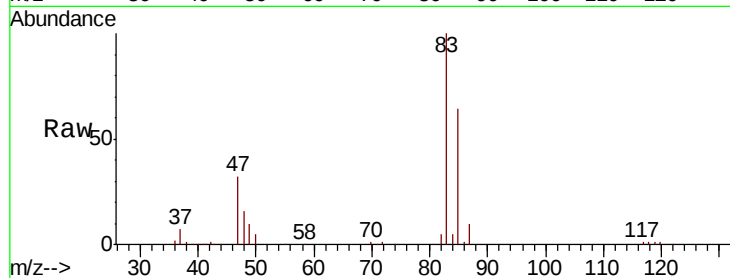
VSTDIC050

Tgt Ion: 83 Resp: 420569

Ion Ratio Lower Upper

83 100

85 64.3 50.8 76.2



#26

Cyclohexane

Concen: 65.769 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

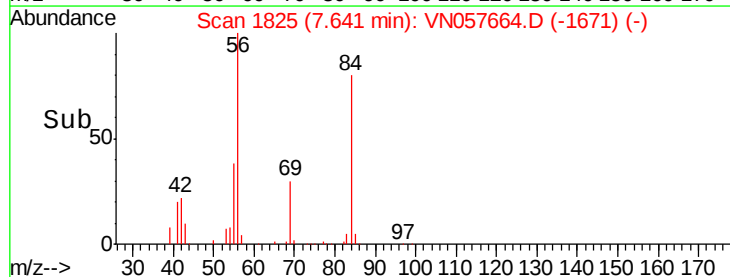
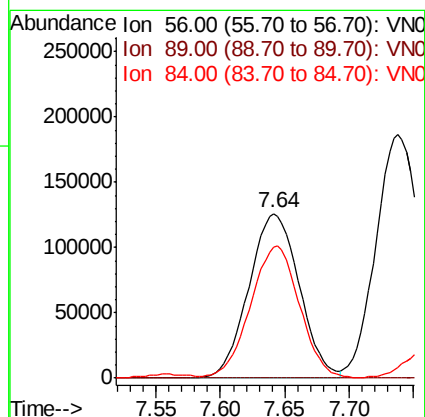
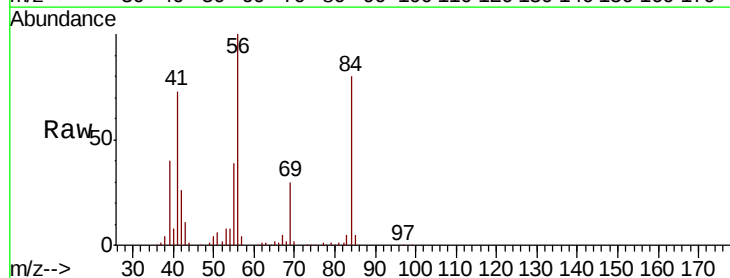
Tgt Ion: 56 Resp: 343214

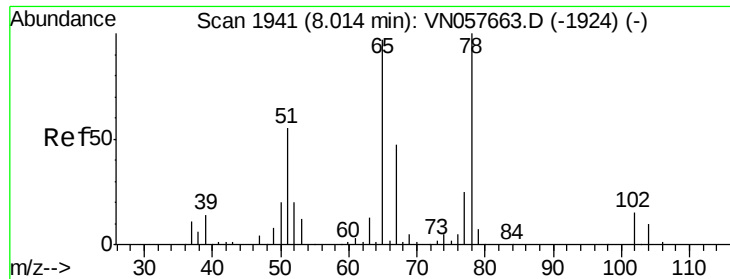
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 78.4 60.4 90.6

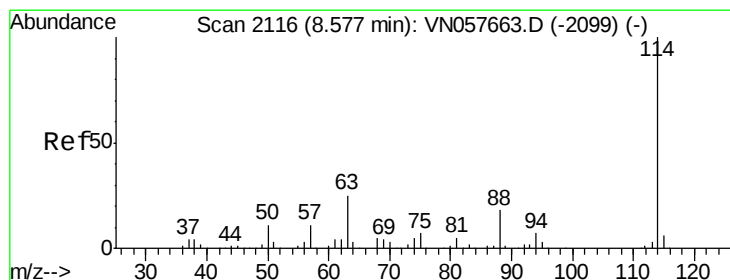
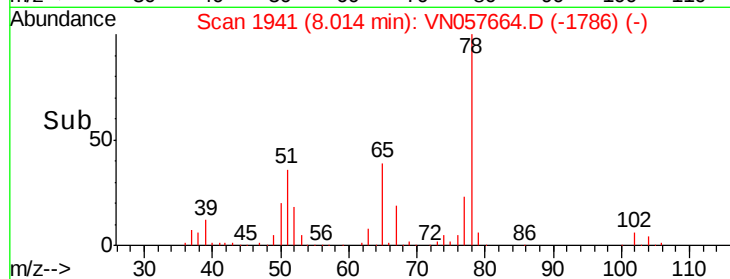
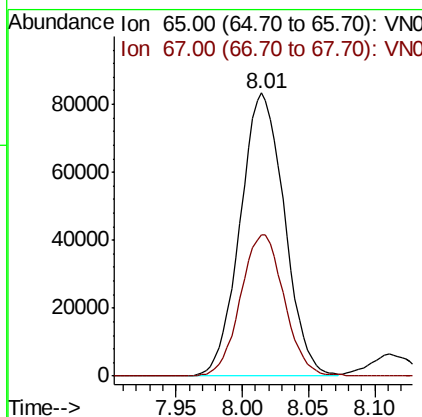
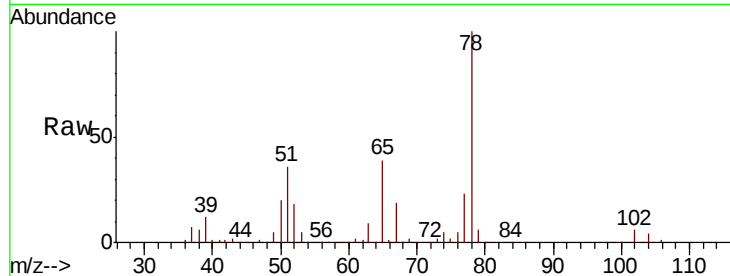




#27
 1,2-Dichloroethane-d4
 Concen: 38.462 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

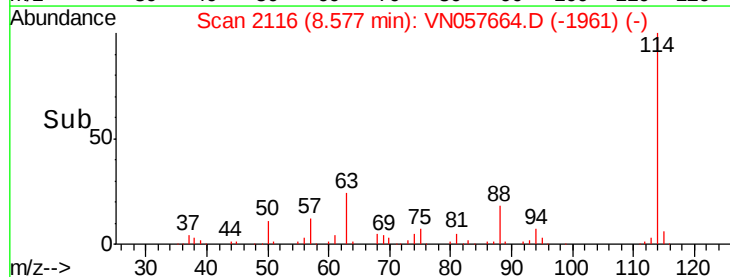
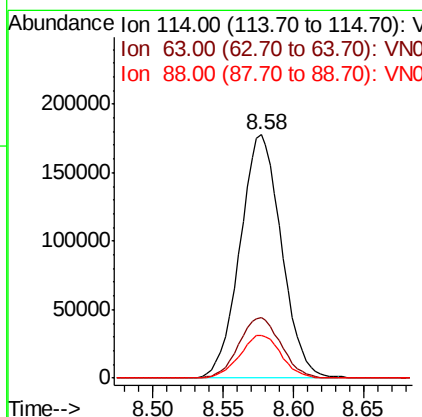
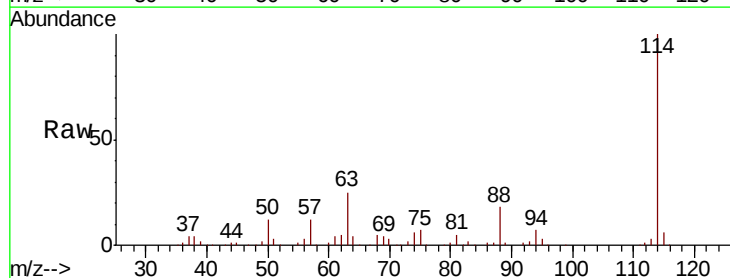
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

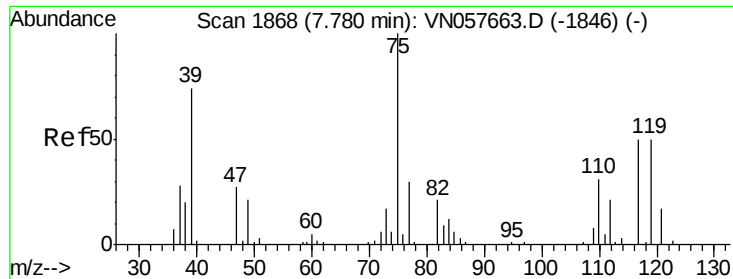
Tgt Ion: 65 Resp: 194067
 Ion Ratio Lower Upper
 65 100
 67 49.1 38.6 57.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 114 Resp: 365525
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.6 30.8
 88 17.8 14.3 21.5

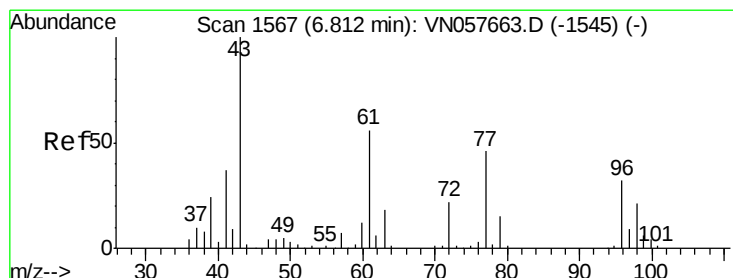
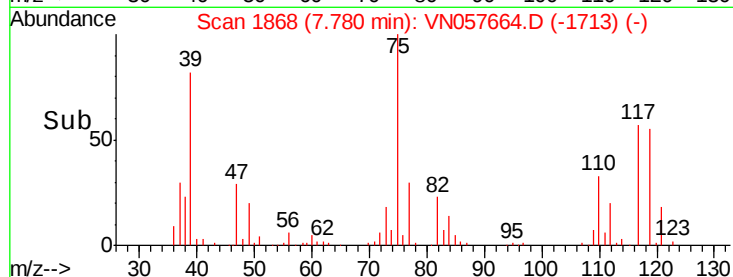
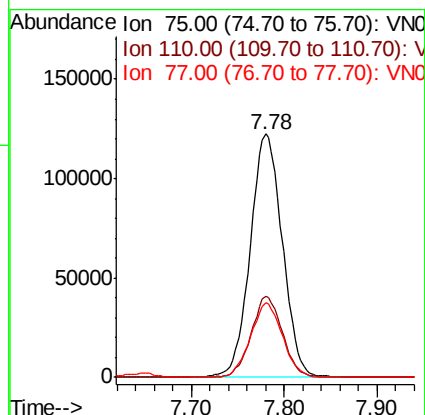
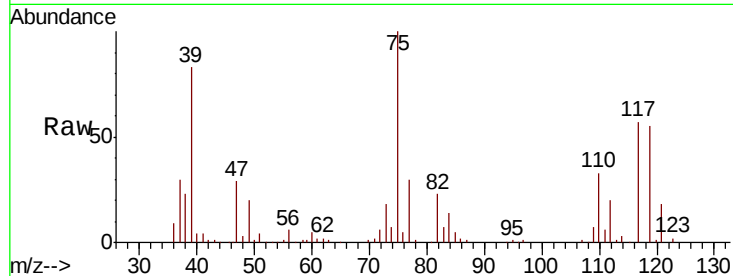




#29
 1,1-Dichloropropene
 Concen: 58.062 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

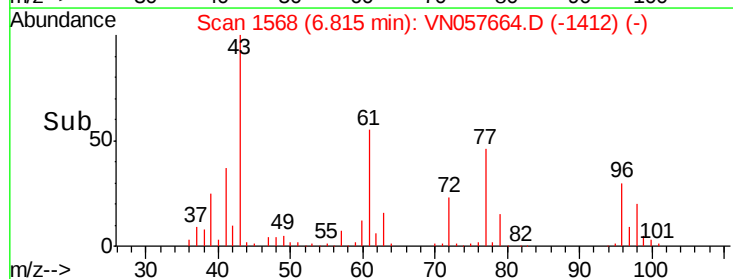
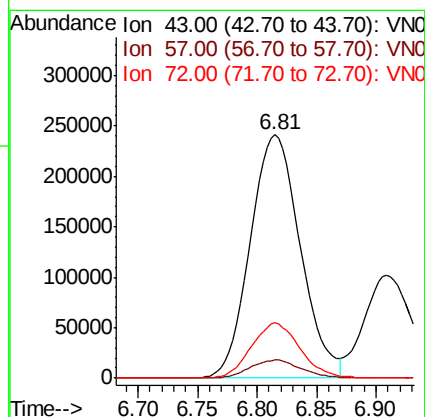
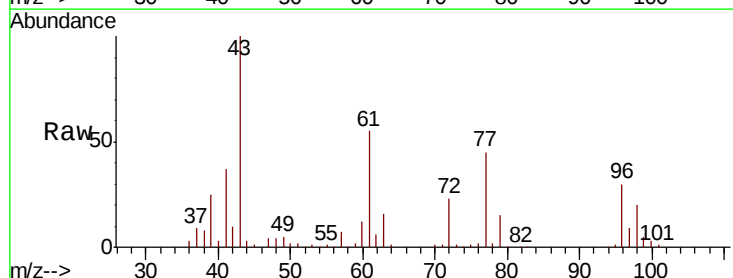
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

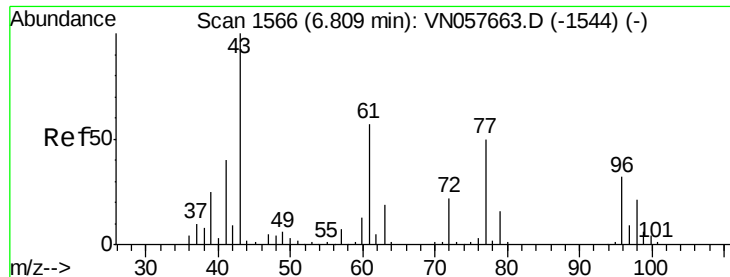
Tgt Ion: 75 Resp: 294978
 Ion Ratio Lower Upper
 75 100
 110 32.4 0.0 62.8
 77 30.4 0.0 57.8



#30
 2-Butanone
 Concen: 391.803 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 43 Resp: 700722
 Ion Ratio Lower Upper
 43 100
 57 7.6 2.6 3.8#
 72 22.1 18.1 27.1





#31

2,2-Dichloropropane

Concen: 60.309 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

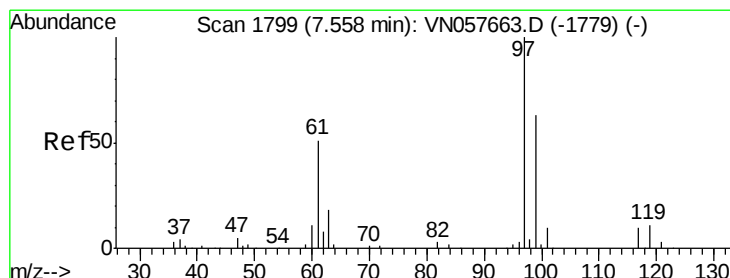
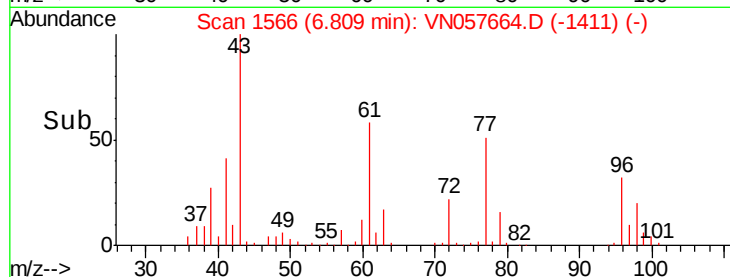
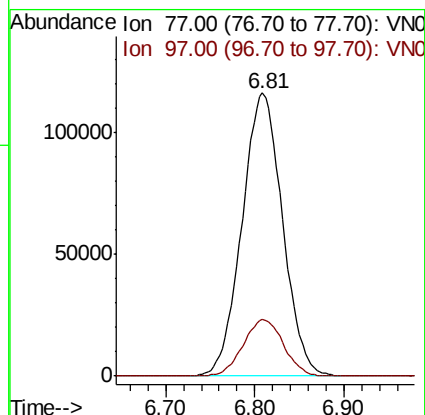
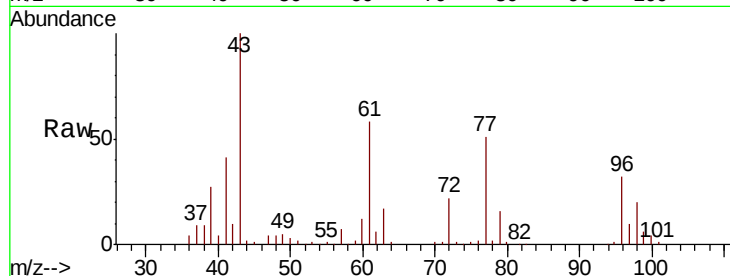
VSTDIC050

Tgt Ion: 77 Resp: 367014

Ion Ratio Lower Upper

77 100

97 19.9 8.8 13.2#



#32

1,1,1-Trichloroethane

Concen: 55.479 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

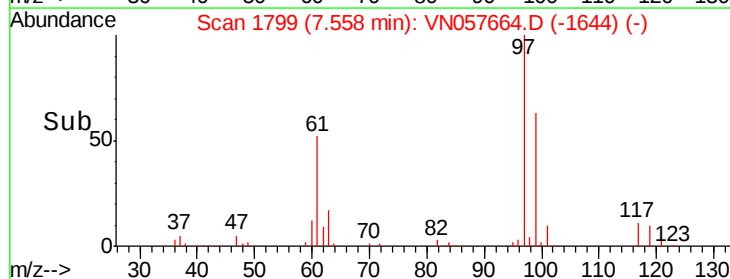
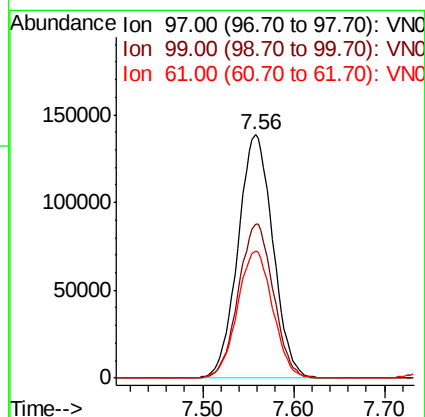
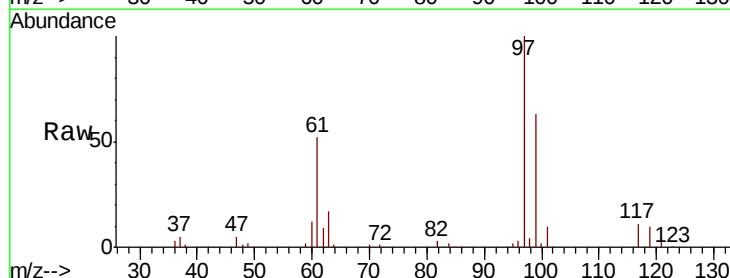
Tgt Ion: 97 Resp: 369802

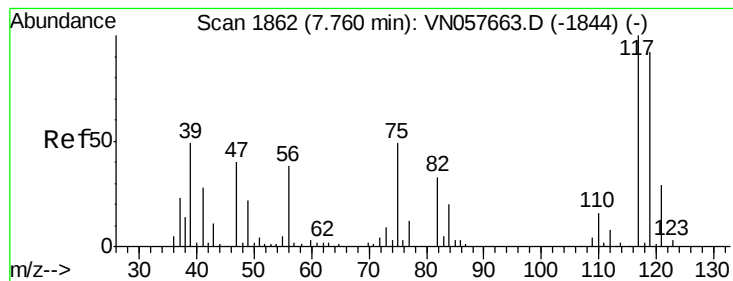
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 52.9 41.4 62.0





#33

Carbon Tetrachloride

Concen: 53.309 ug/l

RT: 7.76 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

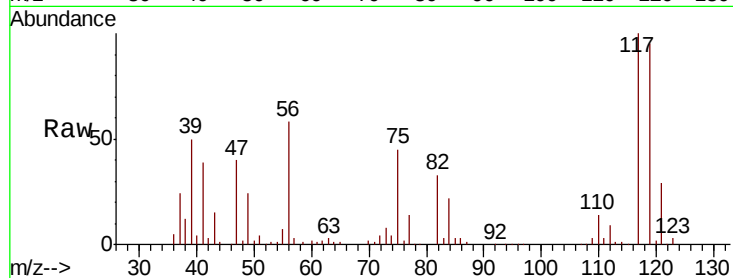
Tgt Ion:117 Resp: 298967

Ion Ratio Lower Upper

117 100

119 94.7 73.3 109.9

121 29.3 23.3 34.9

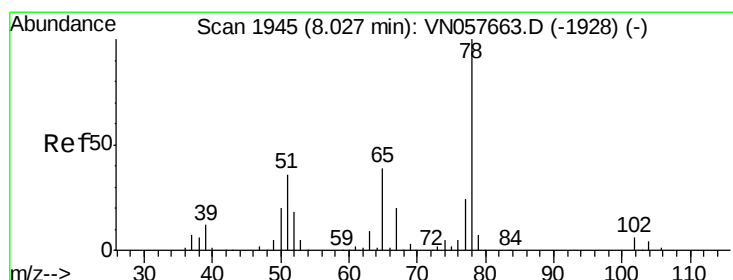
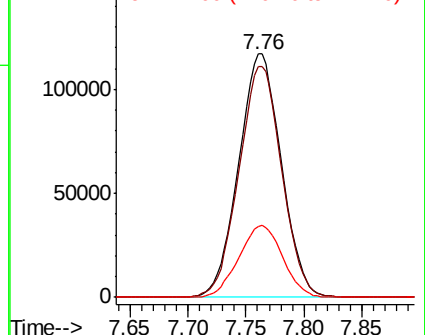
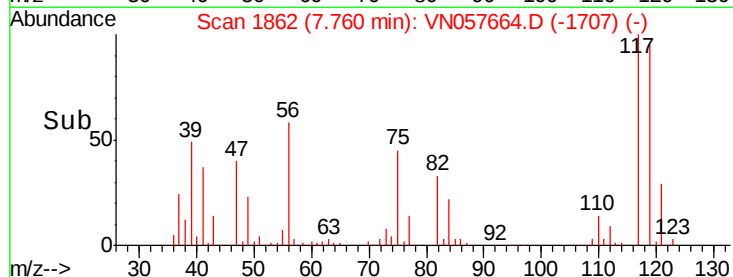


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 56.362 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

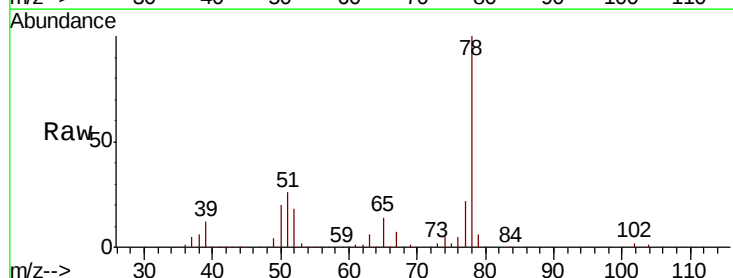
Tgt Ion: 78 Resp: 849576

Ion Ratio Lower Upper

78 100

77 22.3 18.8 28.2

51 26.0 29.0 43.6#

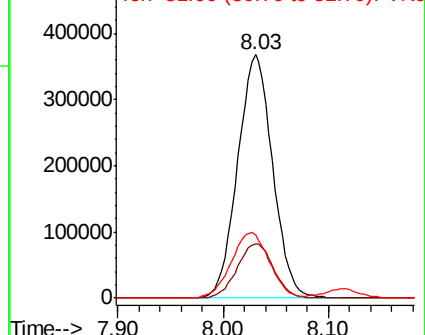
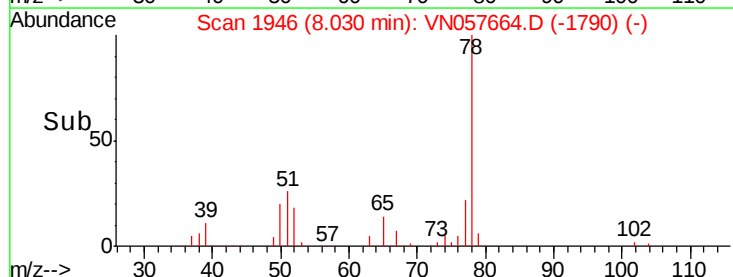


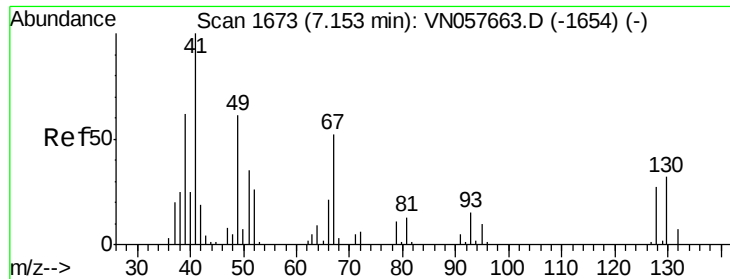
Abundance

Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

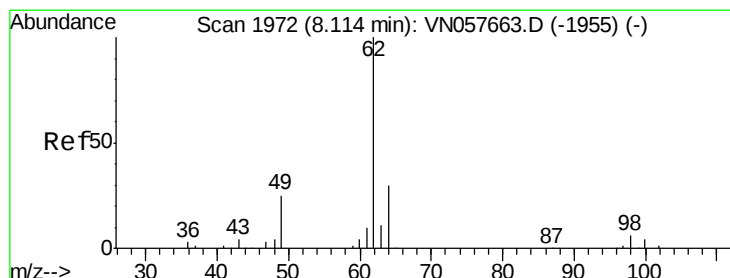
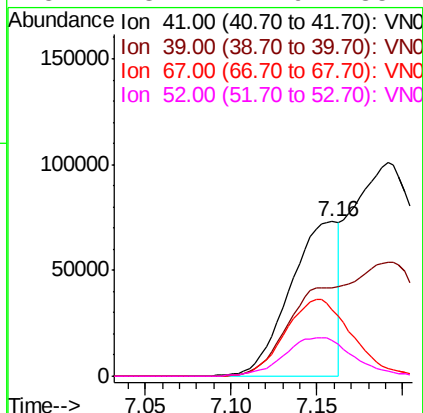
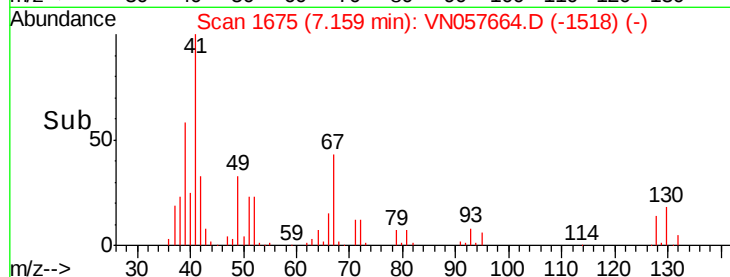
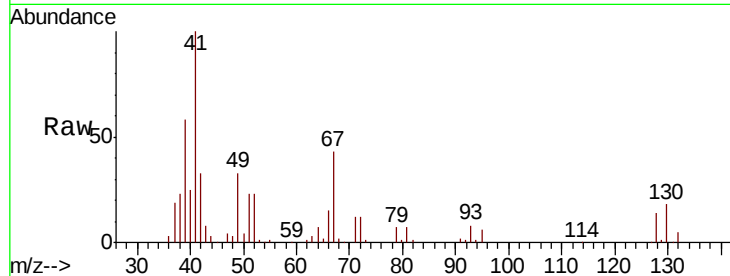




#35
Methacrylonitrile
Concen: 83.809 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

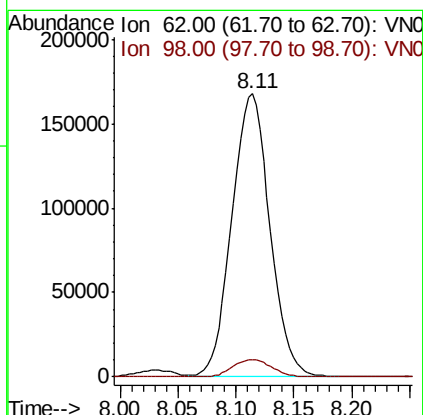
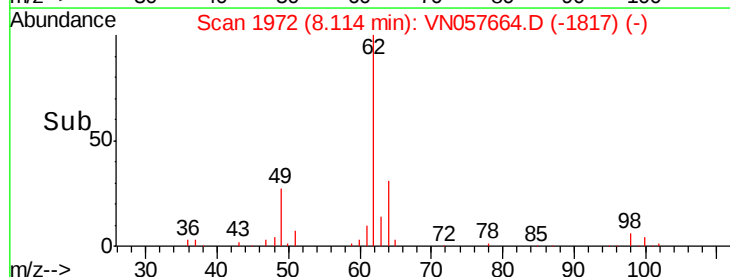
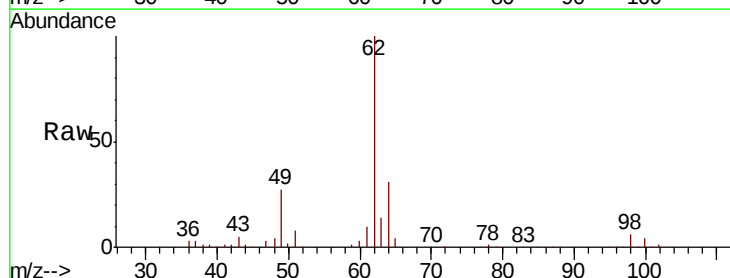
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

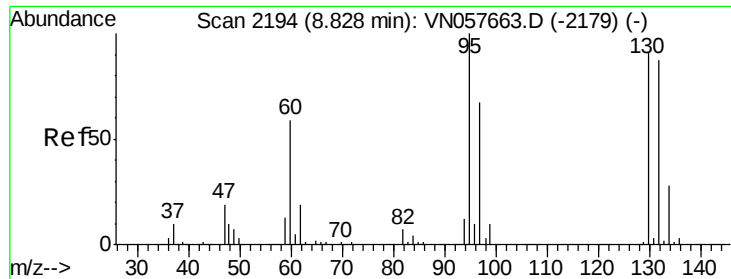
Tgt Ion:	41	Resp:	143399
Ion	Ratio	Lower	Upper
41	100		
39	57.4	31.0	93.0
67	43.5	25.9	77.7
52	23.4	12.9	38.7



#36
1,2-Dichloroethane
Concen: 66.182 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion:	62	Resp:	380027
Ion	Ratio	Lower	Upper
62	100		
98	6.3	0.0	0.0#

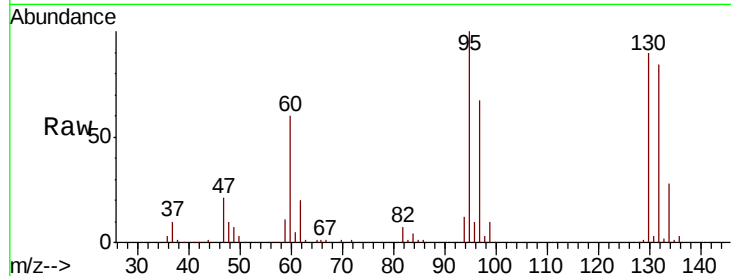




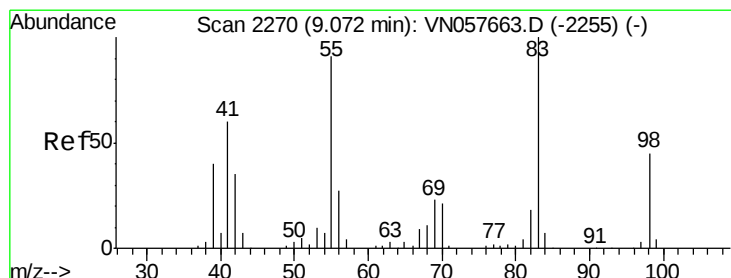
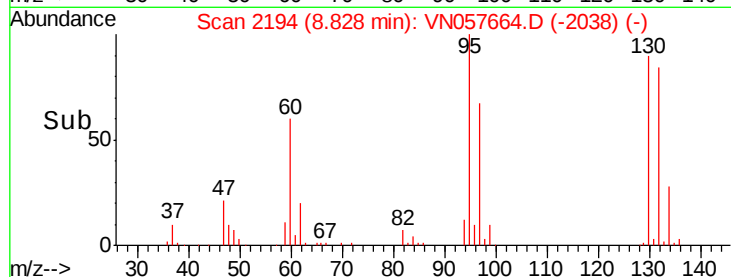
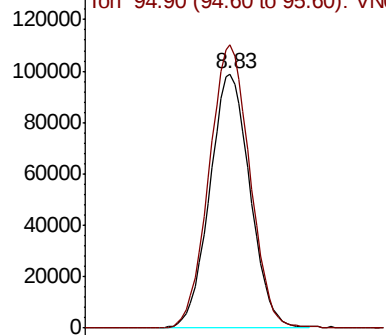
#37
 Trichloroethene
 Concen: 48.251 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 130 Resp: 202524
 Ion Ratio Lower Upper
 130 100
 95 111.3 87.5 131.3

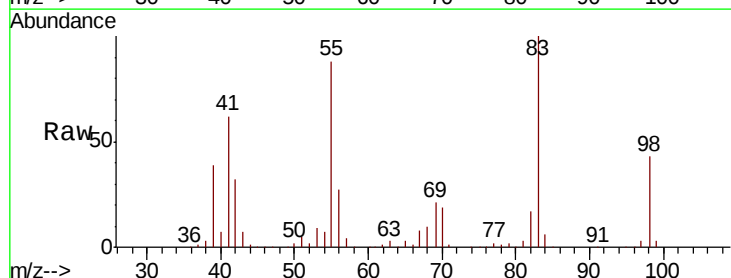


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

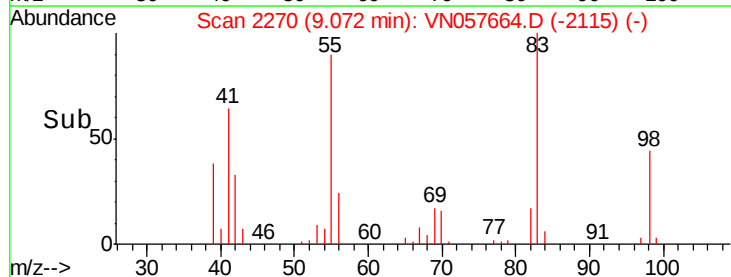
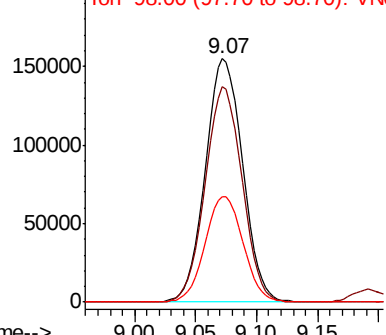


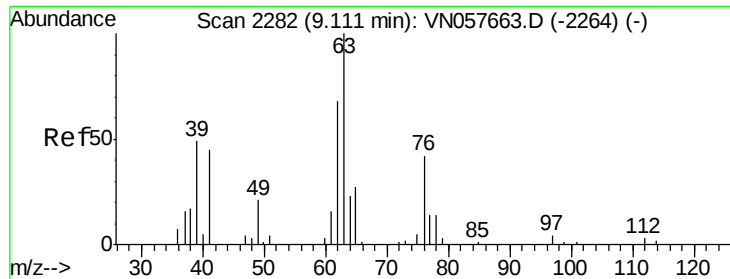
#38
 Methylcyclohexane
 Concen: 54.474 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 83 Resp: 328119
 Ion Ratio Lower Upper
 83 100
 55 87.6 45.1 135.3
 98 44.3 22.5 67.5



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

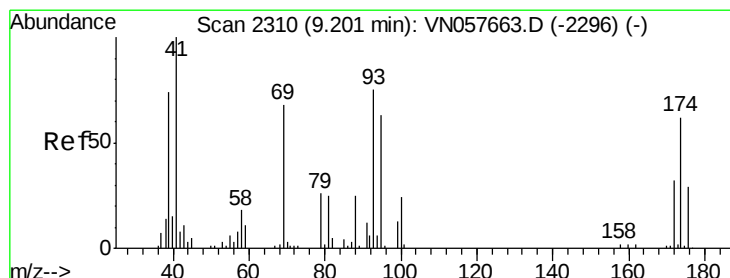
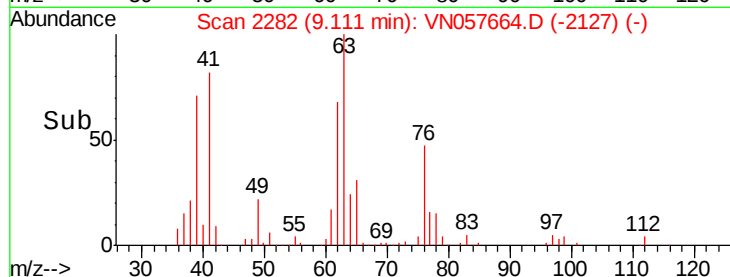
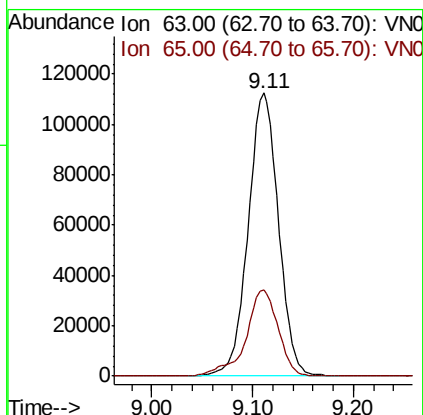
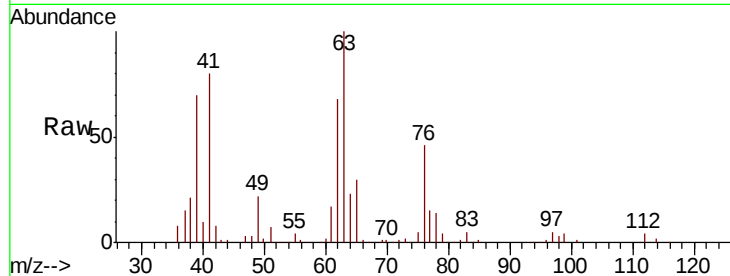




#39
 1,2-Dichloropropane
 Concen: 61.504 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

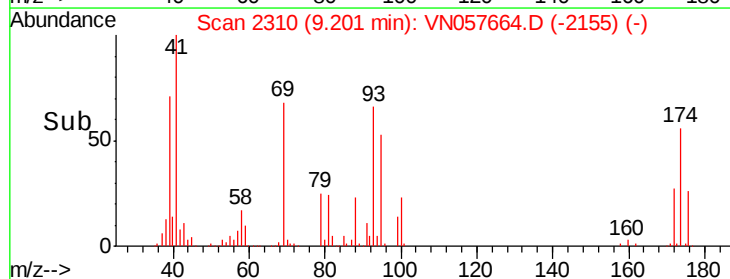
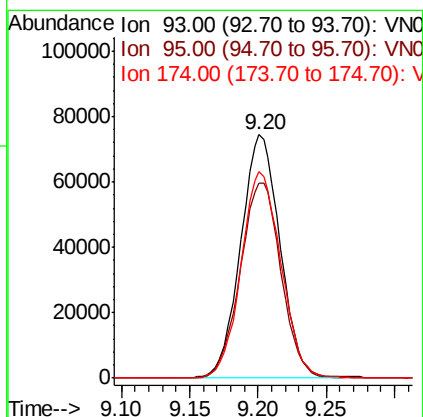
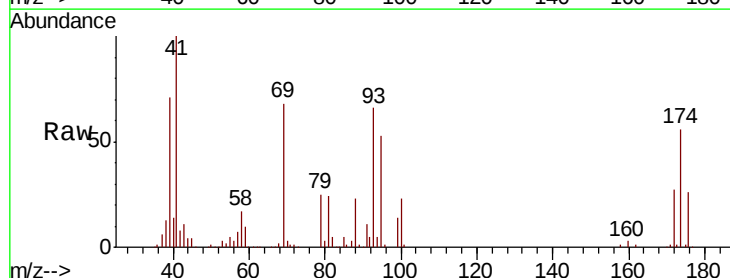
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

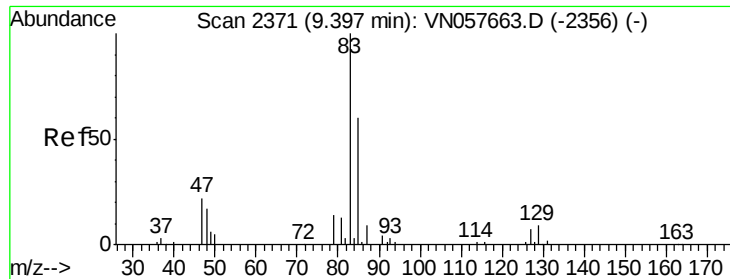
Tgt Ion: 63 Resp: 233296
 Ion Ratio Lower Upper
 63 100
 65 30.1 22.2 33.2



#40
 Dibromomethane
 Concen: 53.355 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 93 Resp: 148942
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 168.2
 174 86.1 0.0 169.2

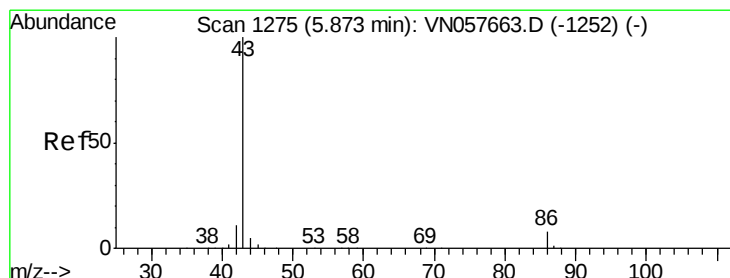
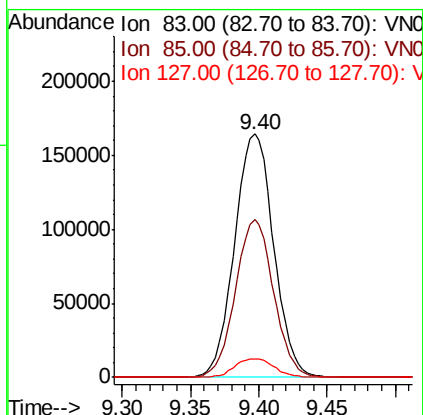
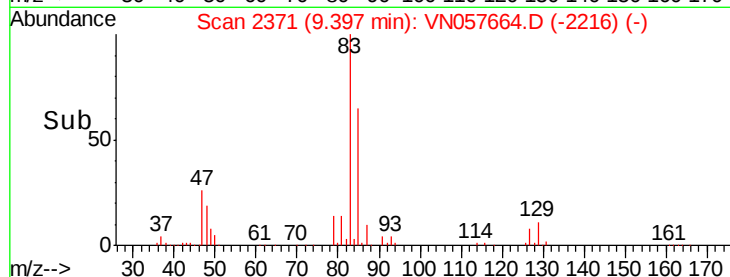
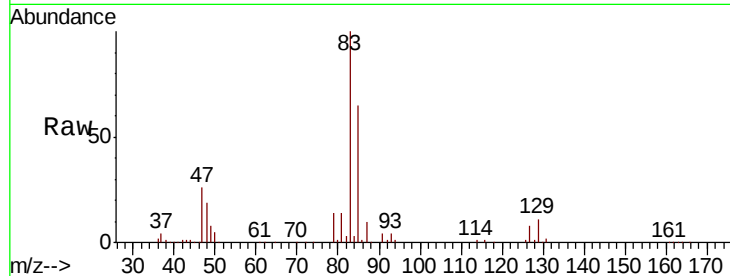




#41
 Bromodichloromethane
 Concen: 56.668 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

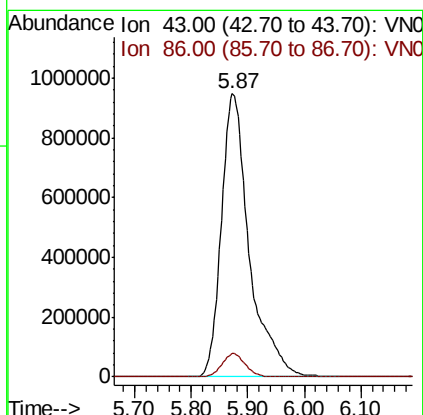
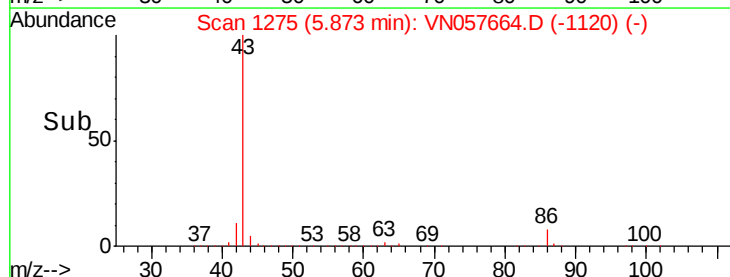
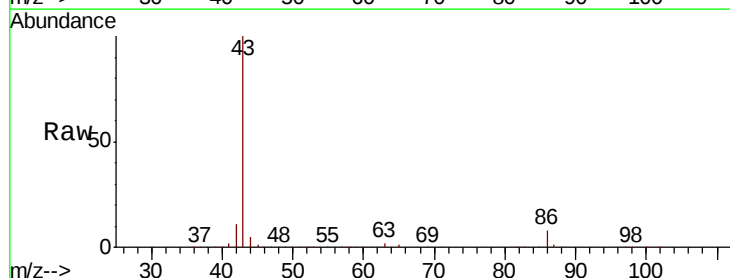
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

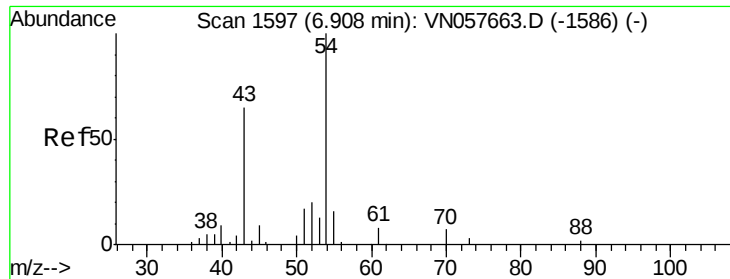
Tgt Ion: 83 Resp: 327038
 Ion Ratio Lower Upper
 83 100
 85 64.6 48.2 72.4
 127 7.7 5.3 7.9



#42
 Vinyl Acetate
 Concen: 406.230 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 43 Resp: 3259743
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.4 8.2





#43

Ethyl Acetate

Concen: 83.816 ug/l

RT: 6.91 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

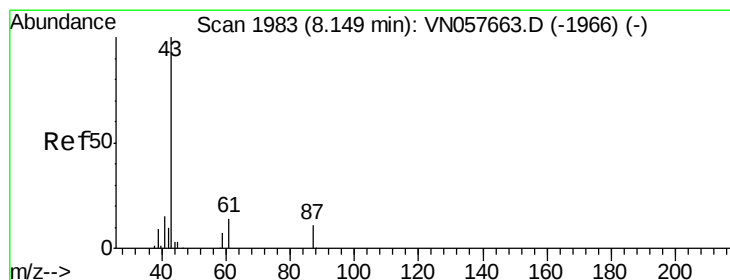
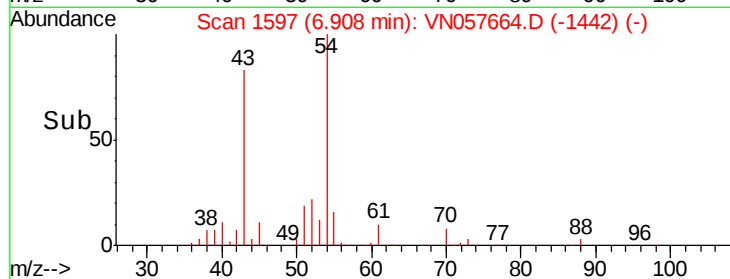
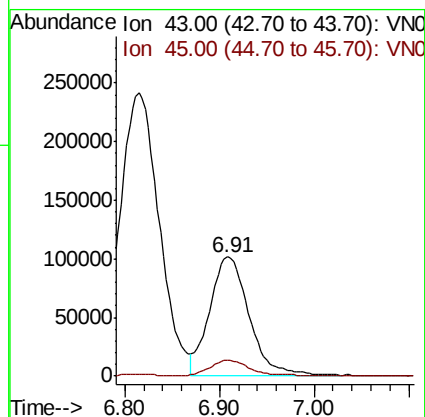
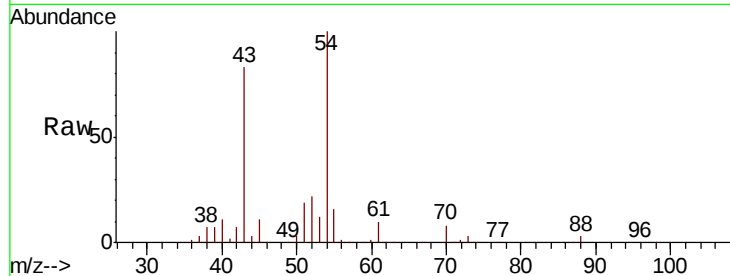
VSTDIC050

Tgt Ion: 43 Resp: 291125

Ion Ratio Lower Upper

43 100

45 12.6 5.0 7.6#



#44

Isopropyl Acetate

Concen: 77.426 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057664.D

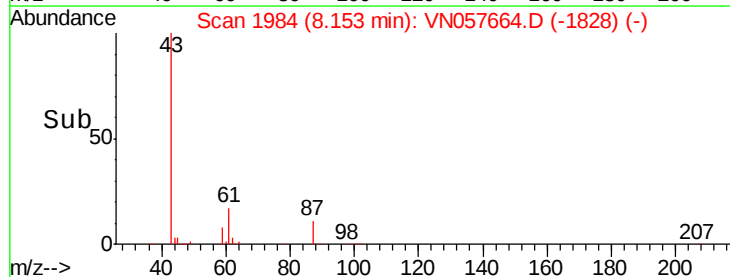
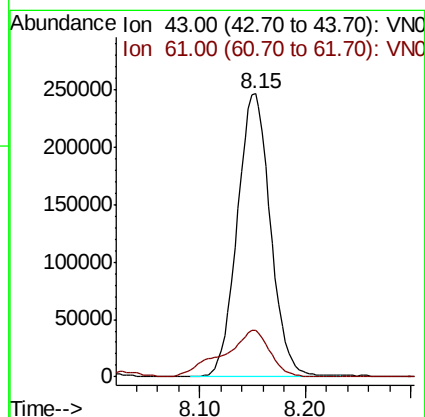
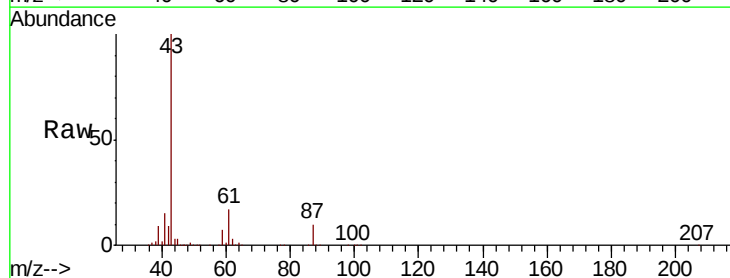
Acq: 3 Sep 2019 15:36

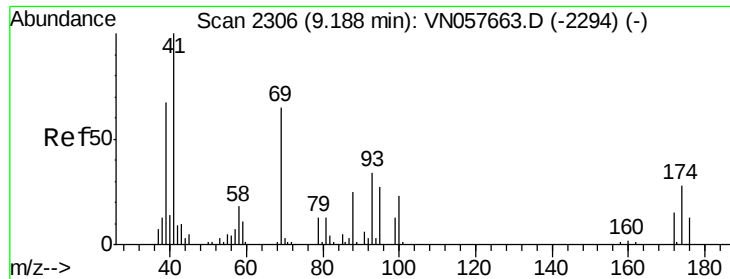
Tgt Ion: 43 Resp: 535958

Ion Ratio Lower Upper

43 100

61 23.3 12.6 18.8#

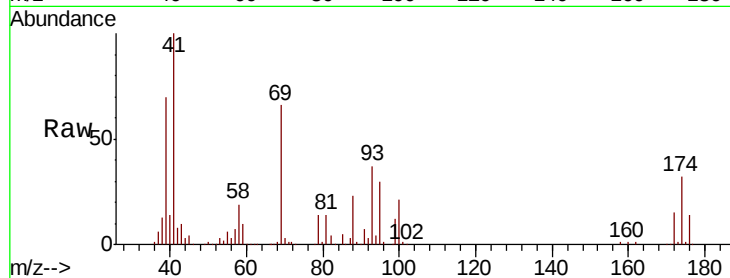




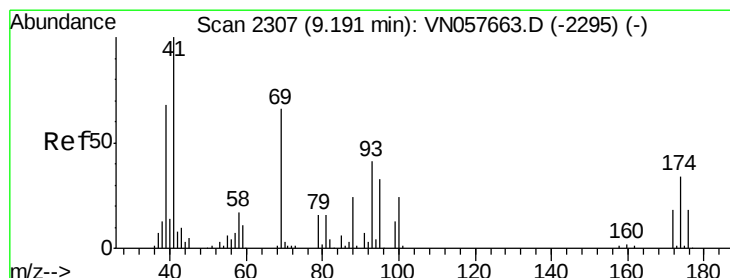
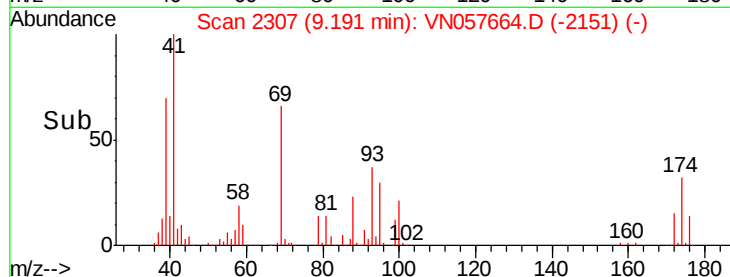
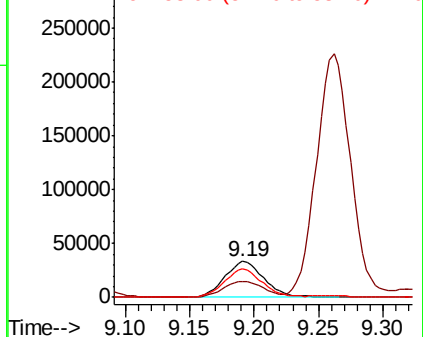
#45
 1,4-Dioxane
 Concen: 1270.411 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 88 Resp: 70743
 Ion Ratio Lower Upper
 88 100
 43 43.8 31.0 46.4
 58 75.8 58.2 87.2

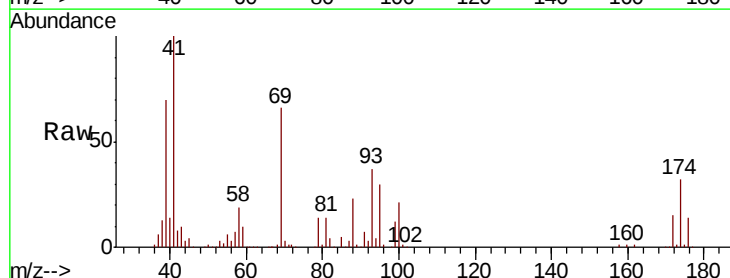


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

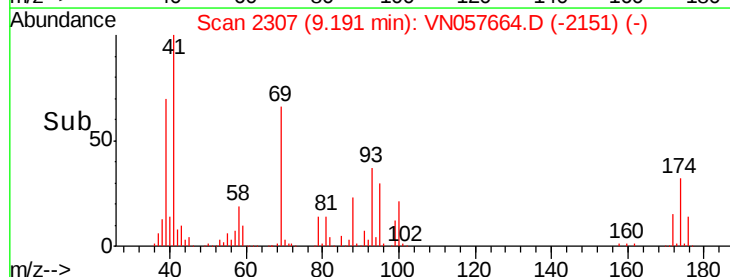
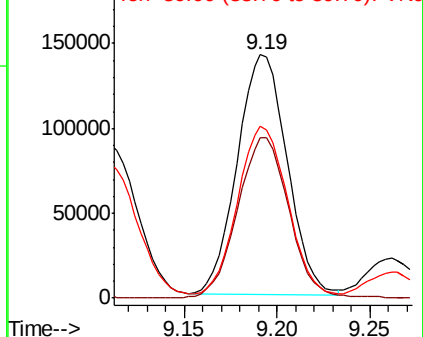


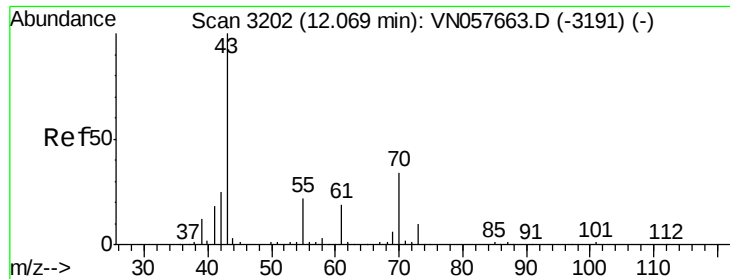
#46
 Methyl methacrylate
 Concen: 82.452 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 41 Resp: 264647
 Ion Ratio Lower Upper
 41 100
 69 66.3 33.1 99.2
 39 70.0 34.0 102.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

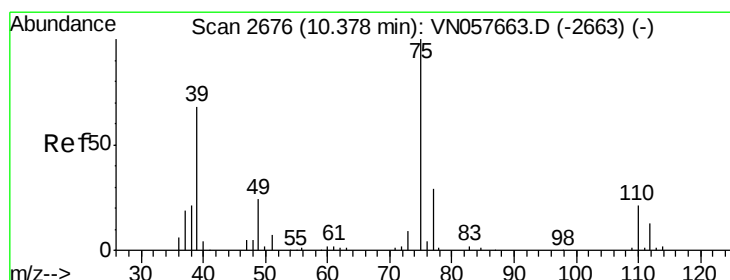
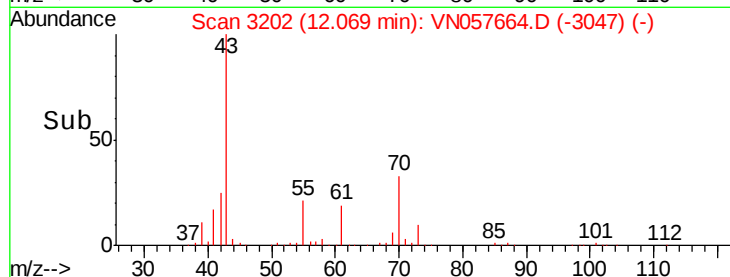
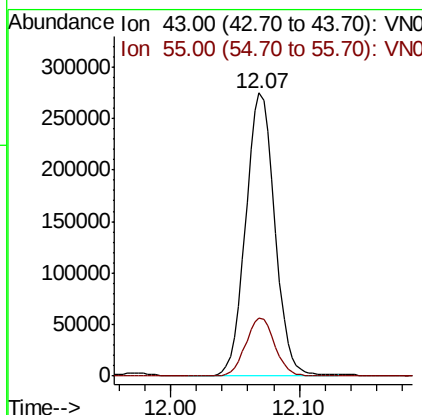
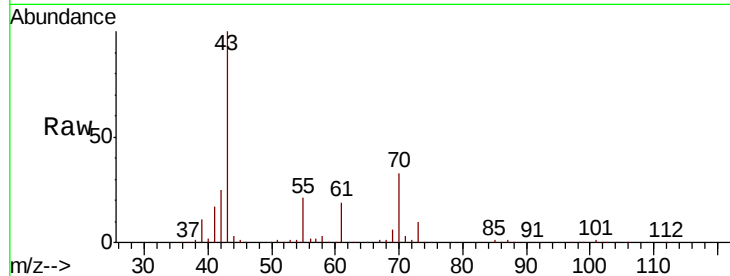




#47
n-amyl Acetate
Concen: 78.202 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

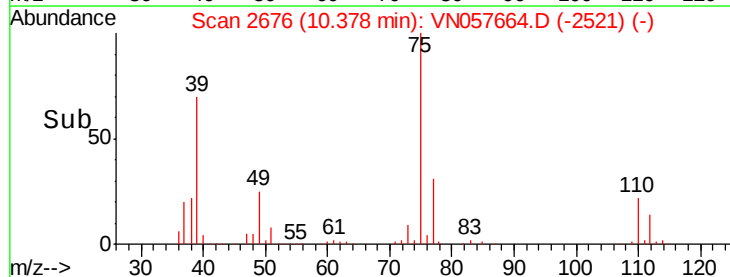
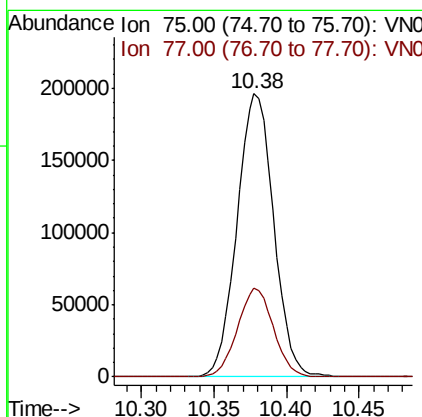
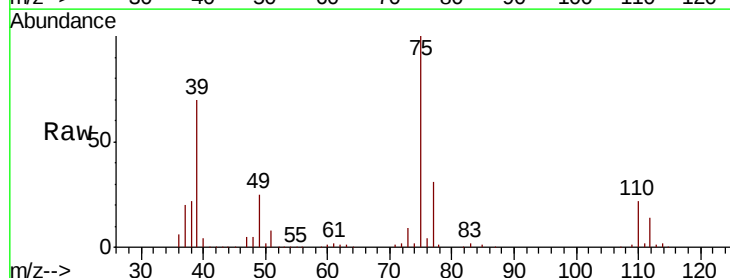
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

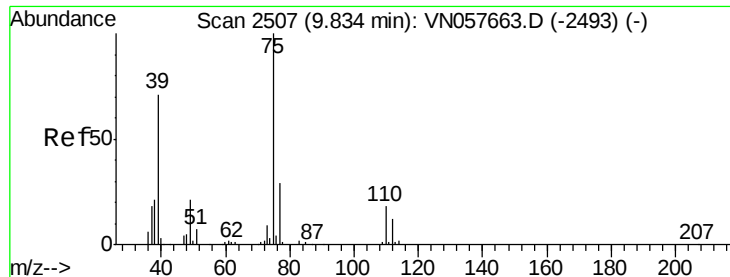
Tgt Ion: 43 Resp: 431202
Ion Ratio Lower Upper
43 100
55 20.6 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 59.247 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 75 Resp: 345434
Ion Ratio Lower Upper
75 100
77 31.3 23.1 34.7

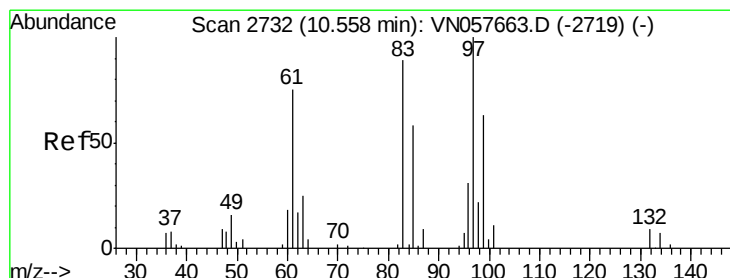
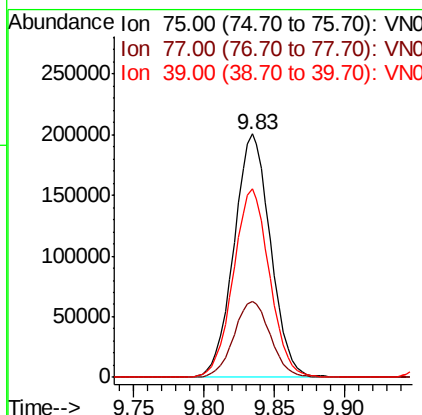
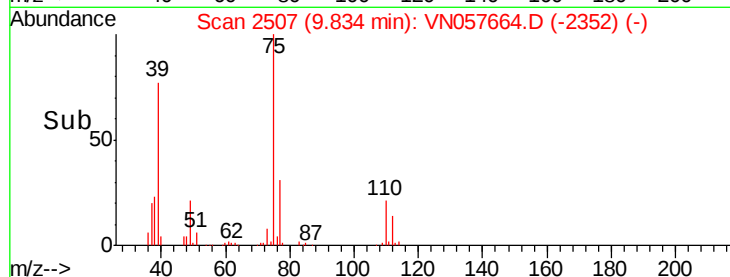
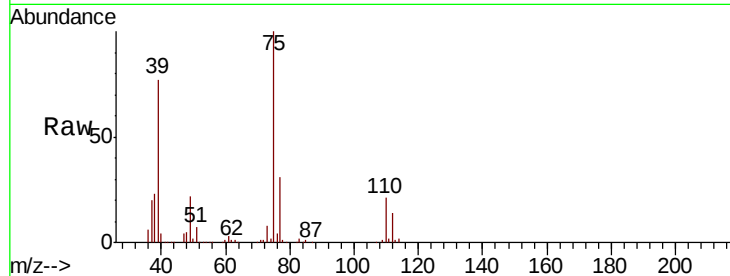




#49
 cis-1,3-Dichloropropene
 Concen: 57.865 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

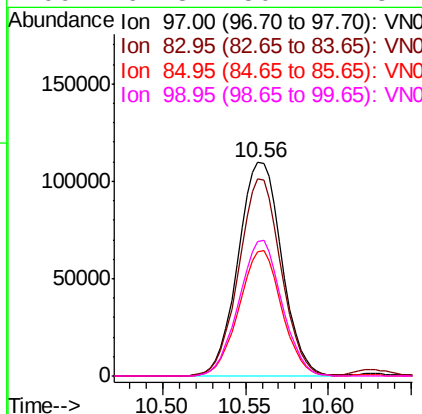
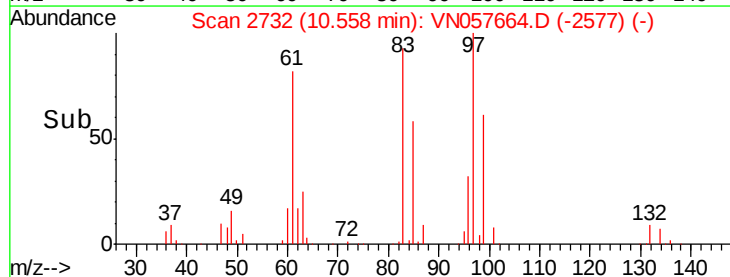
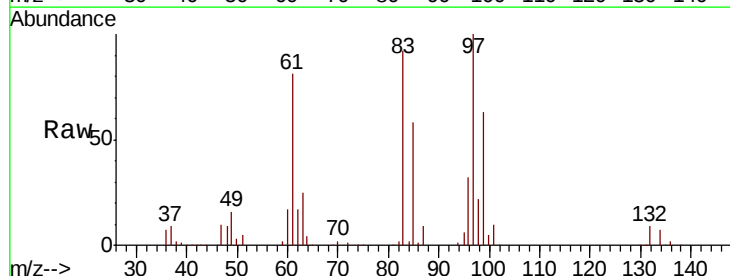
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

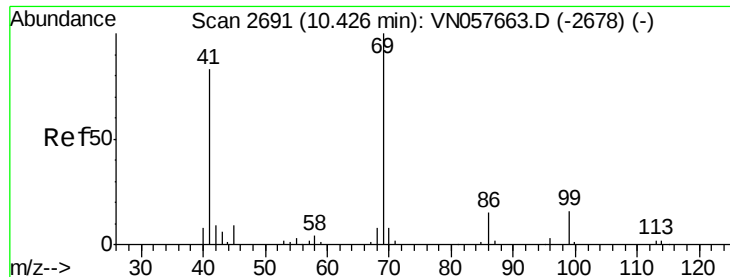
Tgt Ion: 75 Resp: 363963
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.4 35.2
 39 77.2 56.6 85.0



#50
 1,1,2-Trichloroethane
 Concen: 50.380 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 97 Resp: 200872
 Ion Ratio Lower Upper
 97 100
 83 92.5 71.4 107.2
 85 58.4 46.0 69.0
 99 62.8 50.2 75.2

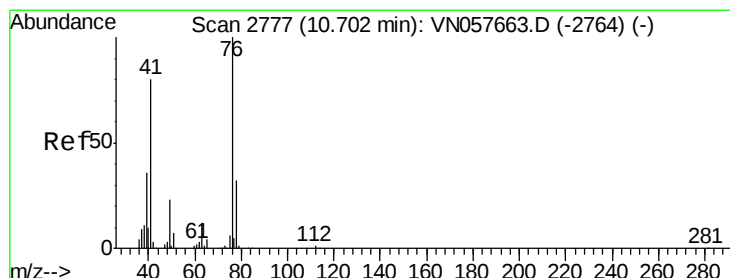
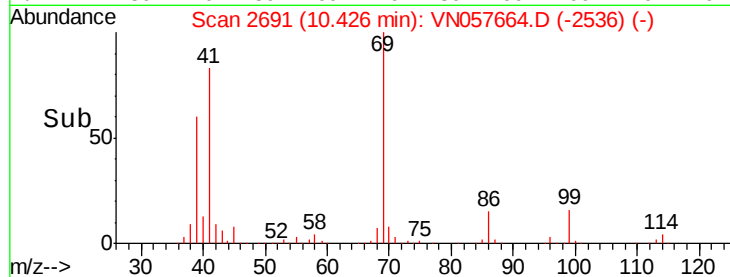
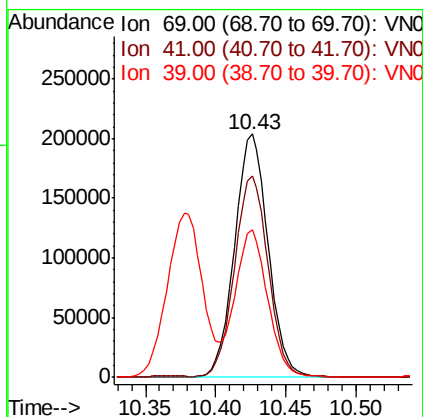
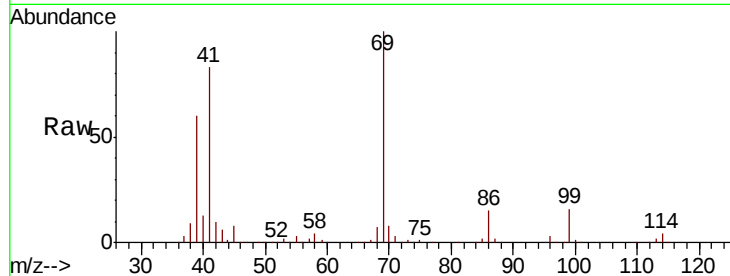




#51
Ethyl methacrylate
Concen: 63.000 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

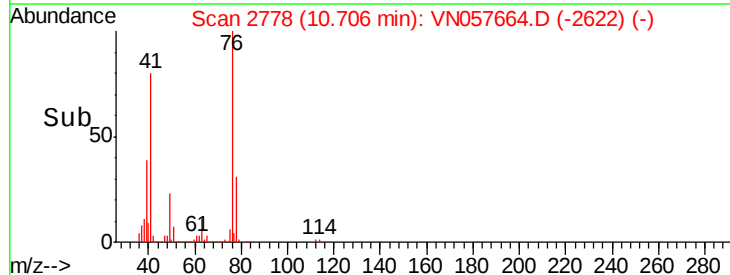
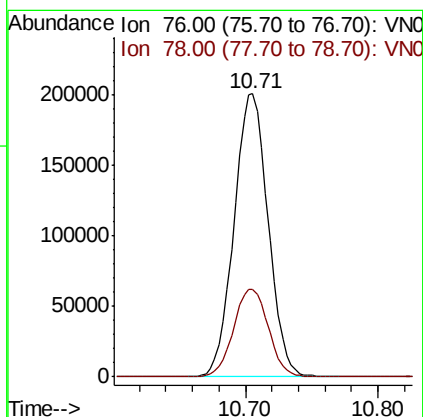
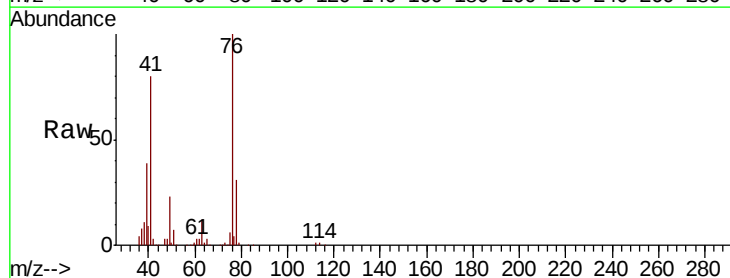
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

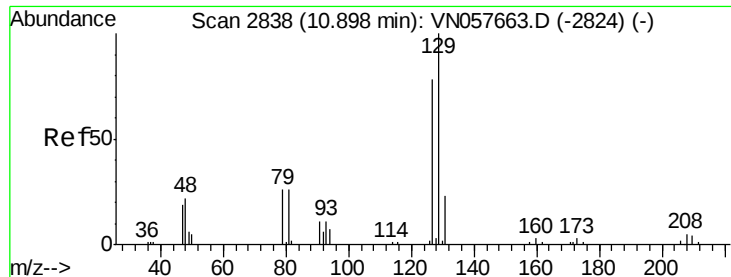
Tgt Ion: 69 Resp: 339659
Ion Ratio Lower Upper
69 100
41 82.5 41.5 124.5
39 60.1 29.6 88.9



#52
1,3-Dichloropropane
Concen: 56.390 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. 0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 76 Resp: 357838
Ion Ratio Lower Upper
76 100
78 31.7 0.0 63.8

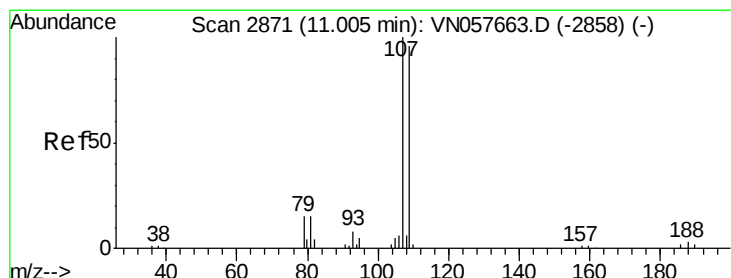
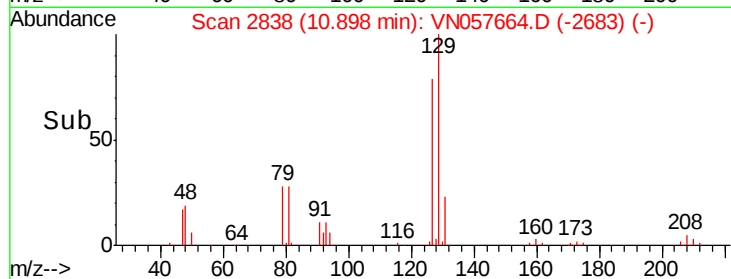
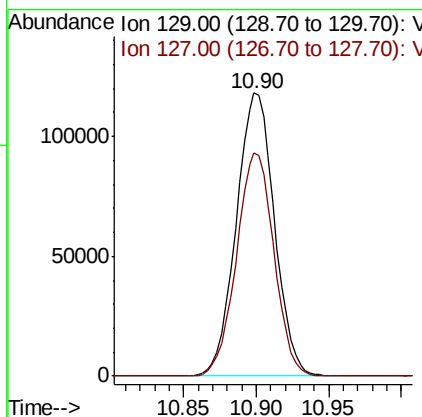
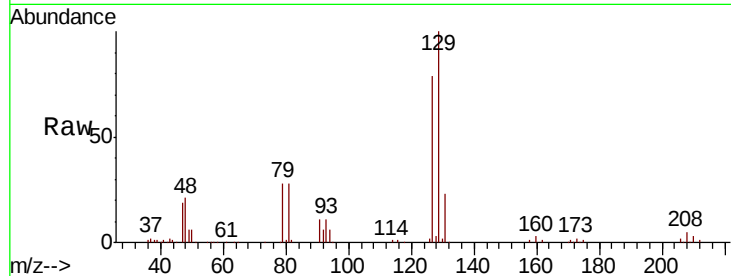




#53
 Dibromochloromethane
 Concen: 49.062 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

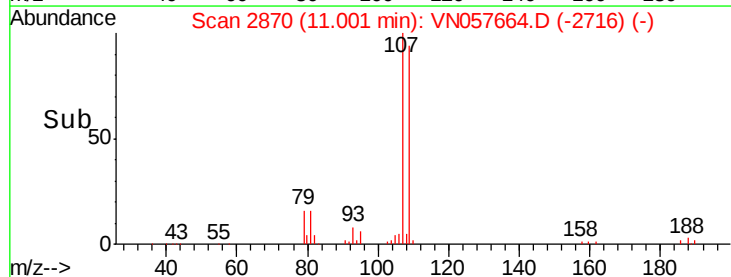
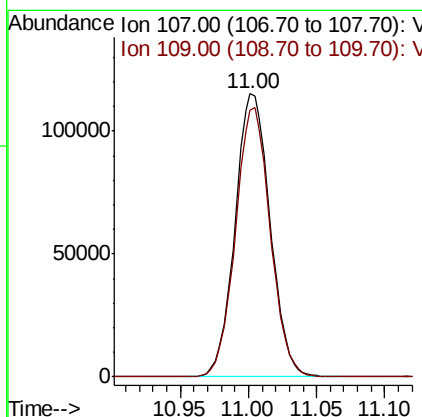
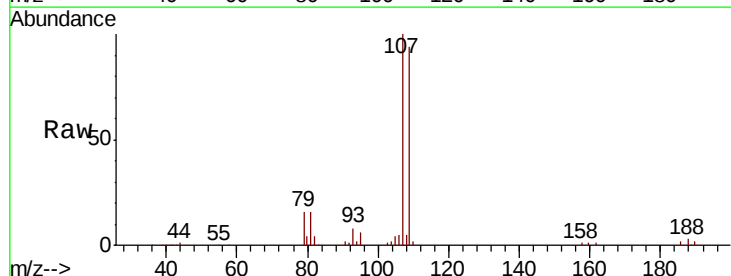
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

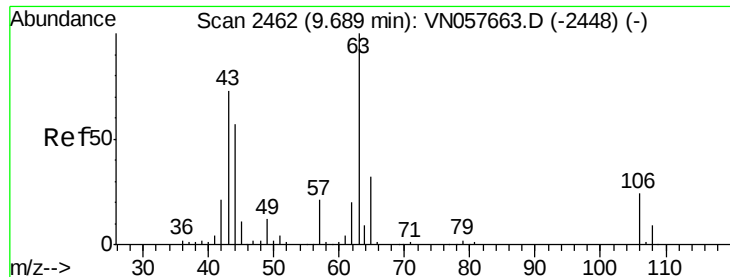
Tgt Ion:129 Resp: 215919
 Ion Ratio Lower Upper
 129 100
 127 77.4 39.1 117.3



#54
 1,2-Dibromoethane
 Concen: 50.170 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion:107 Resp: 205461
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.2 114.4

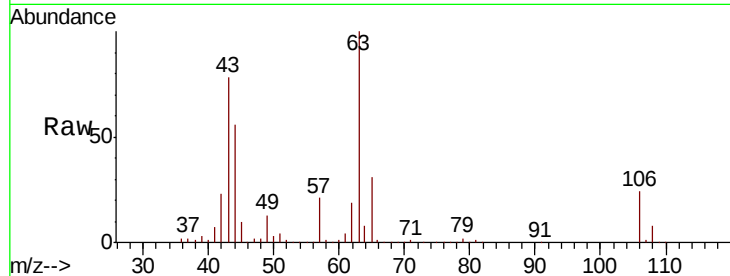




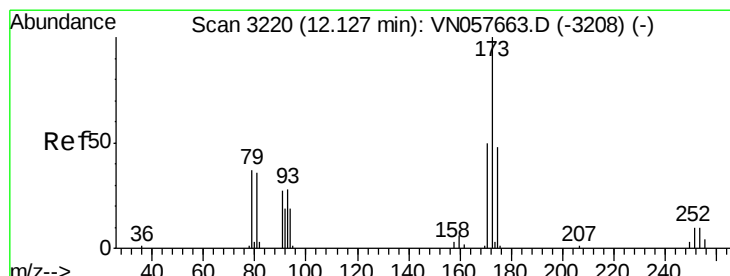
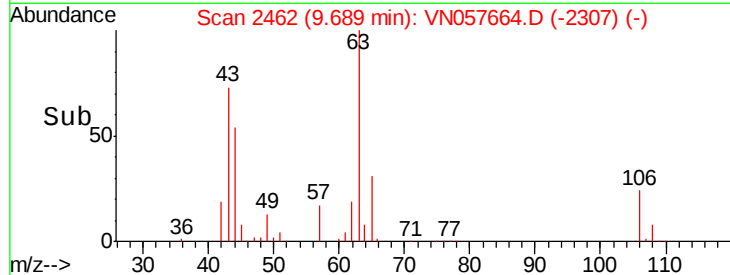
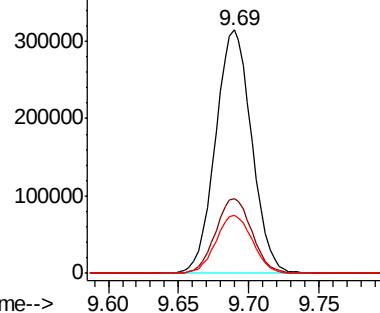
#55
 2-Chloroethyl vinyl ether
 Concen: 405.813 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:	63	Resp:	565195
Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.6	38.4
106	23.9	19.5	29.3

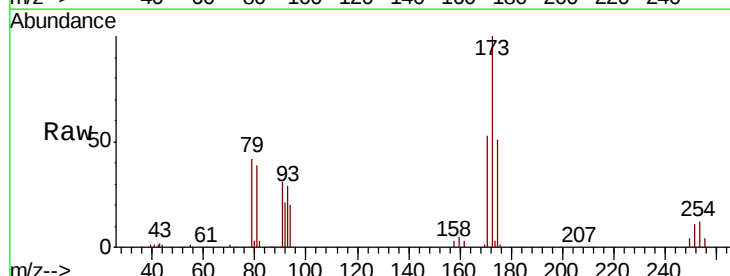


Abundance Ion 63.00 (62.70 to 63.70): VN057663.D (-2448) (-)
 Ion 65.00 (64.70 to 65.70): VN057663.D (-2448) (-)
 Ion 106.00 (105.70 to 106.70): VN057663.D (-2448) (-)

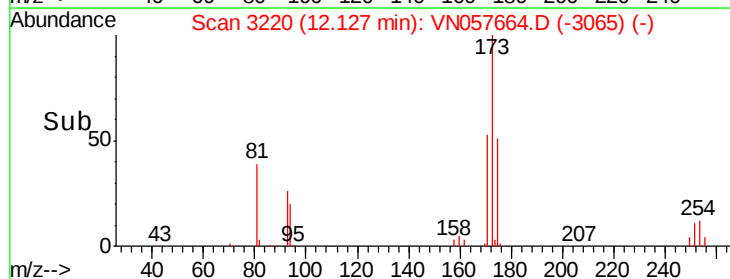
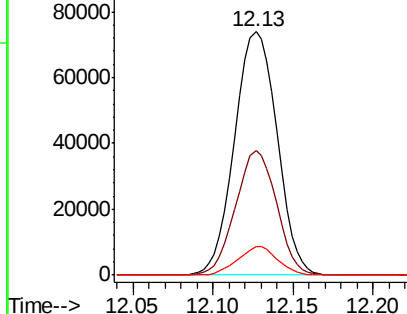


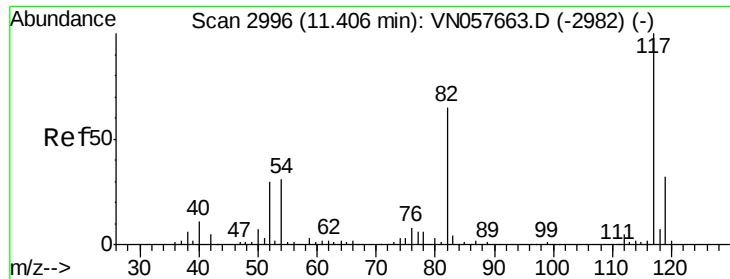
#56
 Bromoform
 Concen: 47.093 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion:	173	Resp:	134179
Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.8	58.2
254	10.9	7.2	10.8#



Abundance Ion 173.00 (172.70 to 173.70): VN057663.D (-3208) (-)
 Ion 175.00 (174.70 to 175.70): VN057663.D (-3208) (-)
 Ion 254.00 (253.70 to 254.70): VN057663.D (-3208) (-)

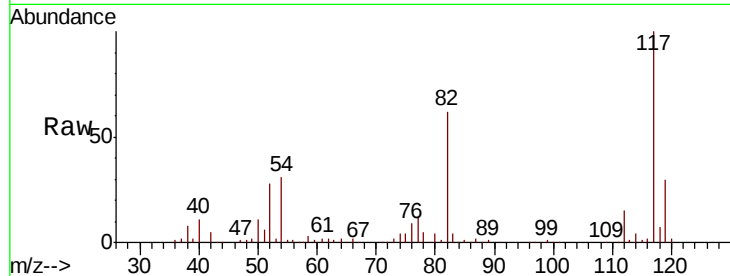




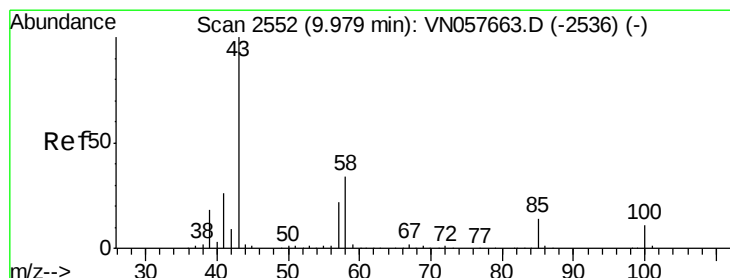
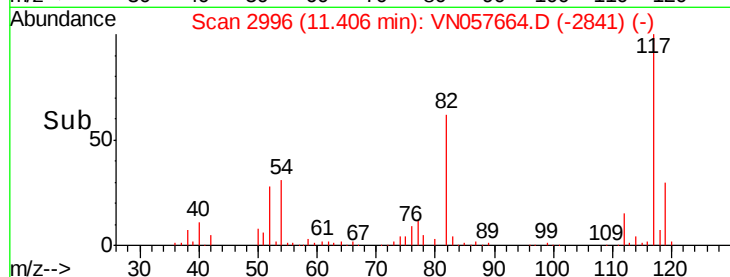
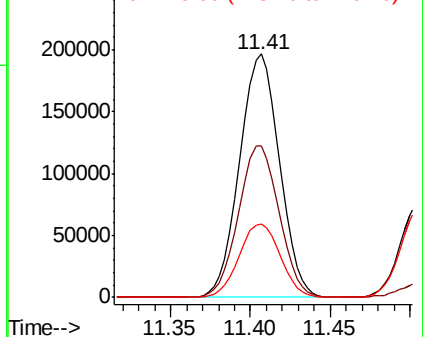
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 334984
Ion Ratio Lower Upper
117 100
82 63.3 51.2 76.8
119 31.1 25.8 38.6

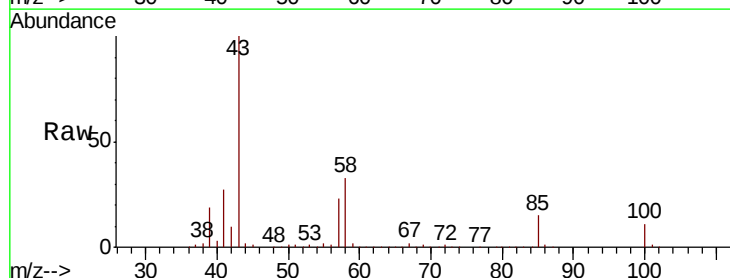


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

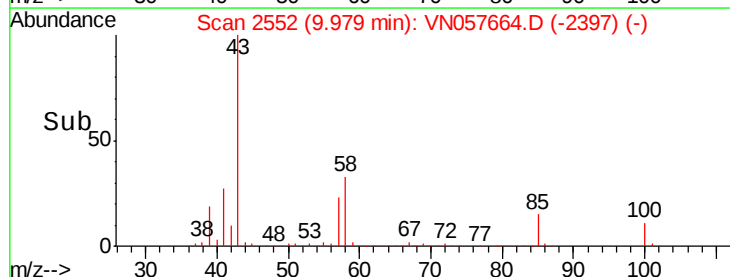
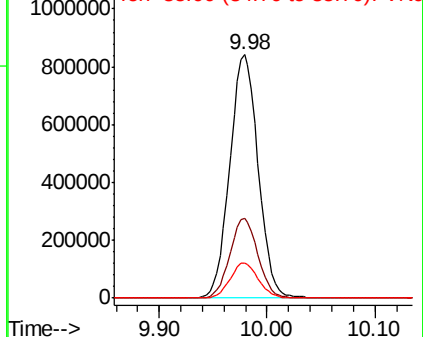


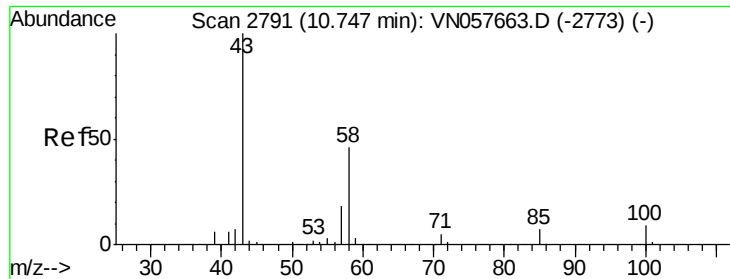
#58
4-Methyl-2-Pentanone
Concen: 401.813 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 43 Resp: 1542754
Ion Ratio Lower Upper
43 100
58 32.5 26.7 40.1
85 14.3 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

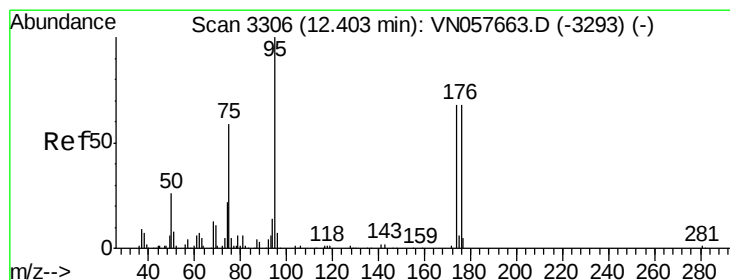
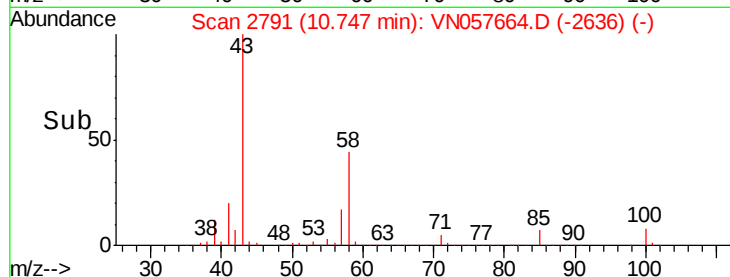
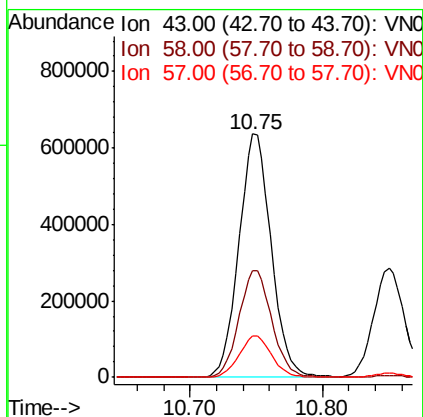
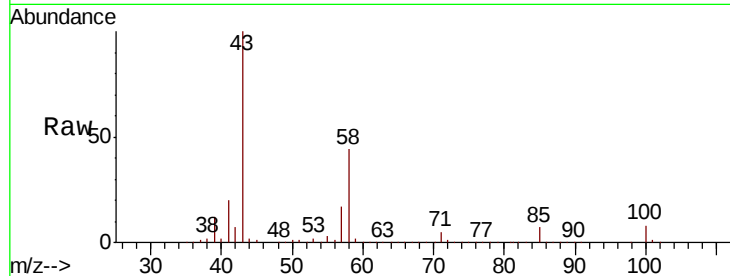




#59
2-Hexanone
Concen: 405.515 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

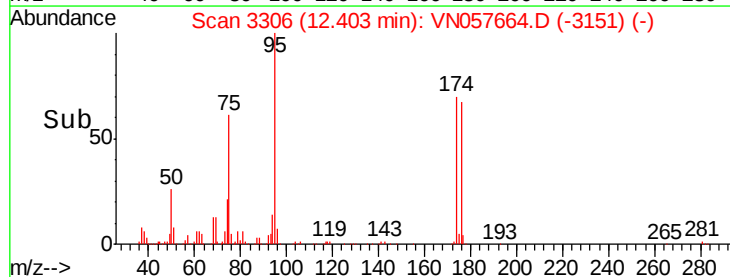
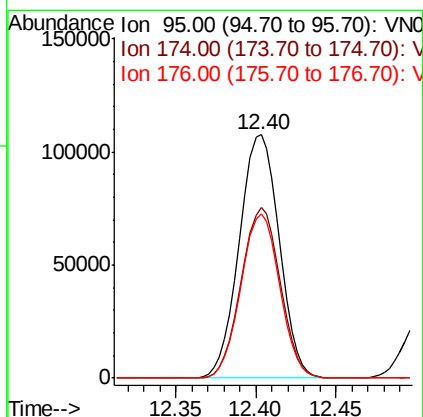
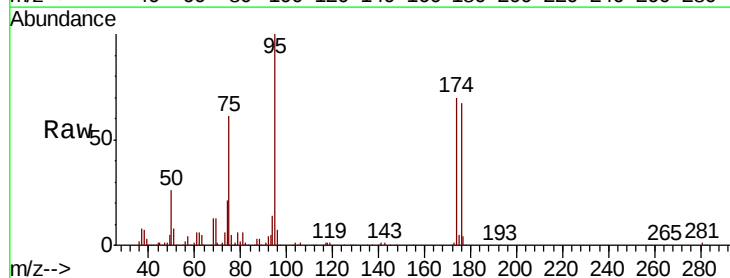
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

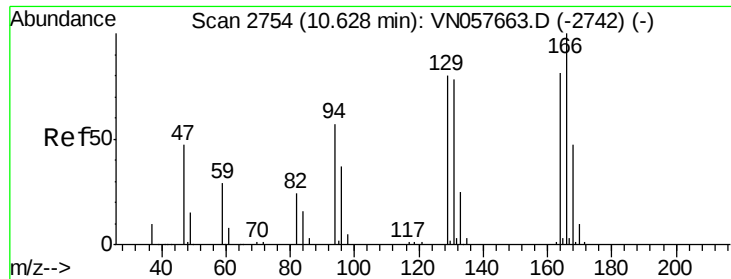
Tgt Ion: 43 Resp: 1075833
Ion Ratio Lower Upper
43 100
58 44.7 36.1 54.1
57 17.2 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 35.401 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 95 Resp: 183338
Ion Ratio Lower Upper
95 100
174 68.6 55.0 82.6
176 65.7 53.7 80.5





#61

Tetrachloroethene

Concen: 43.616 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 183148

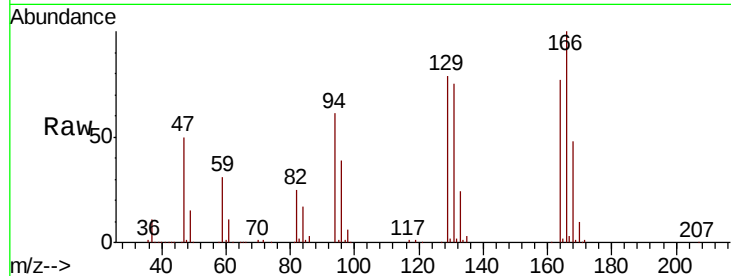
Ion Ratio Lower Upper

164 100

166 129.8 99.4 149.2

129 103.2 78.8 118.2

131 98.0 78.2 117.2

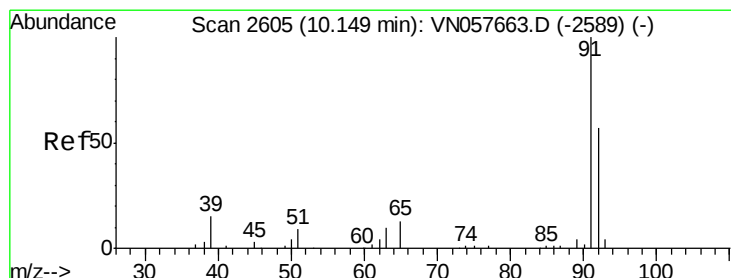
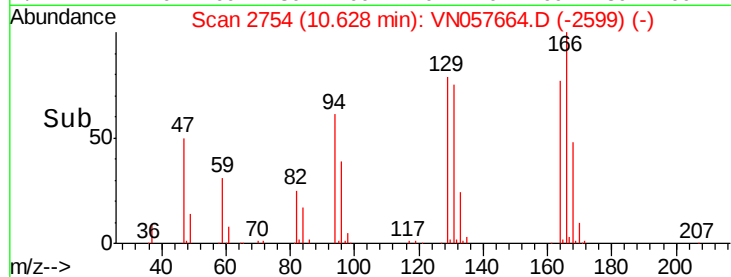
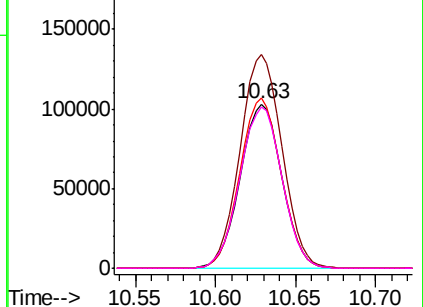


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 54.786 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057664.D

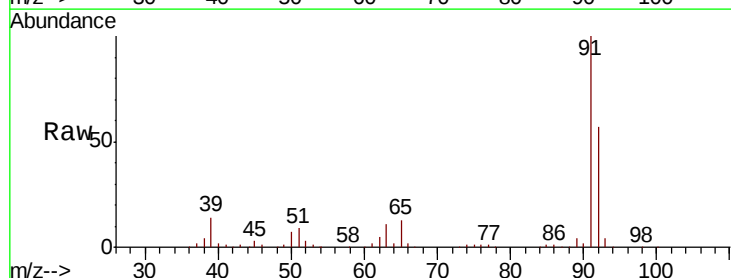
Acq: 3 Sep 2019 15:36

Tgt Ion: 91 Resp: 934917

Ion Ratio Lower Upper

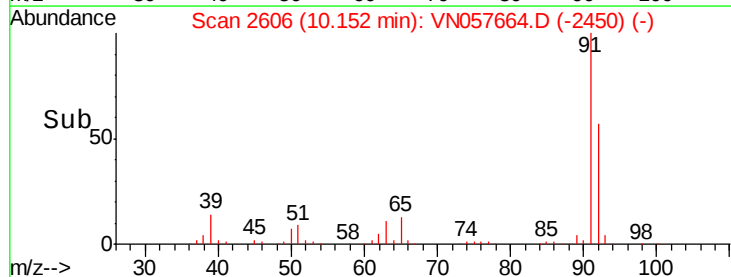
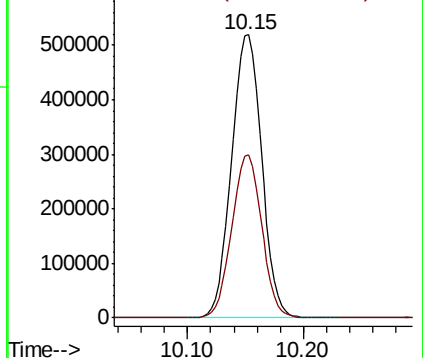
91 100

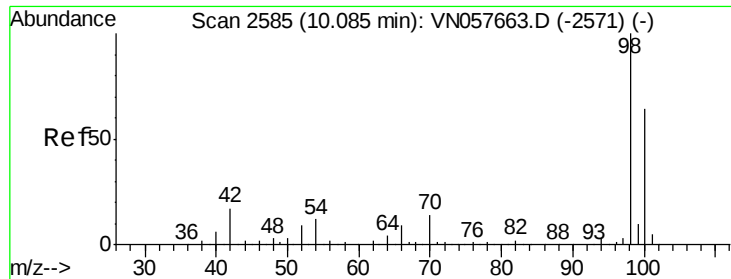
92 57.1 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 92.00 (91.70 to 92.70): VNO

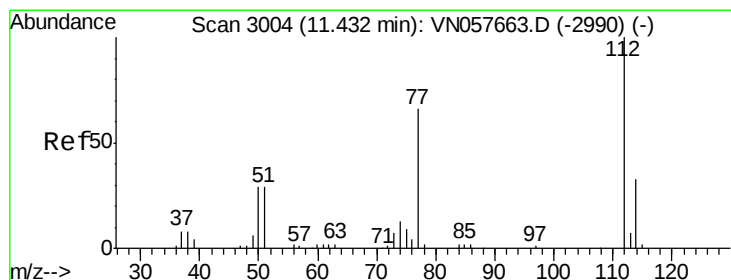
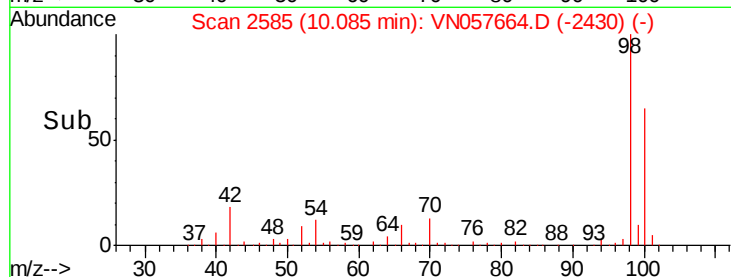
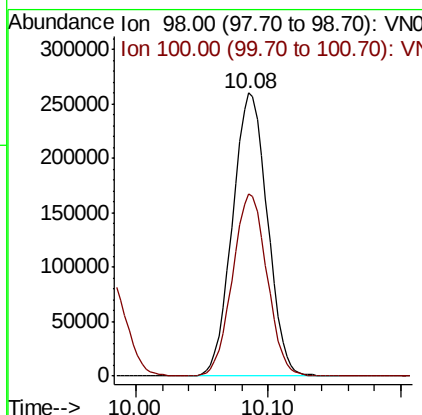
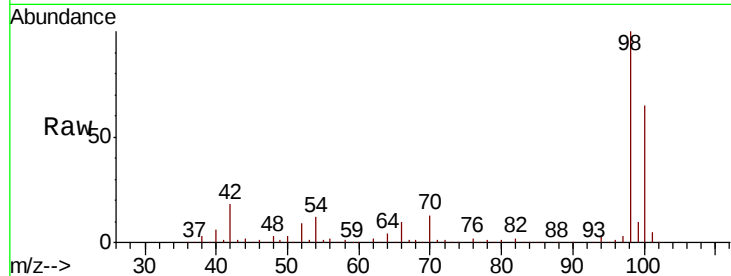




#63
Toluene-d8
Concen: 30.342 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

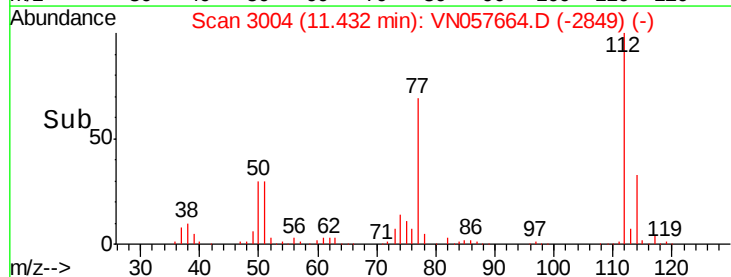
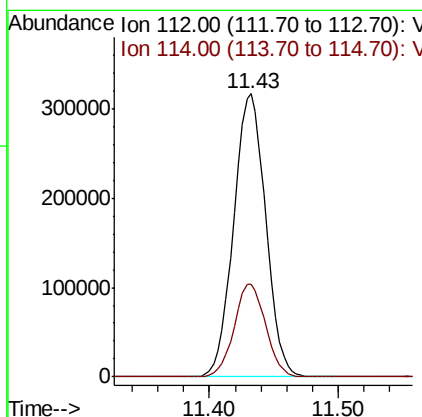
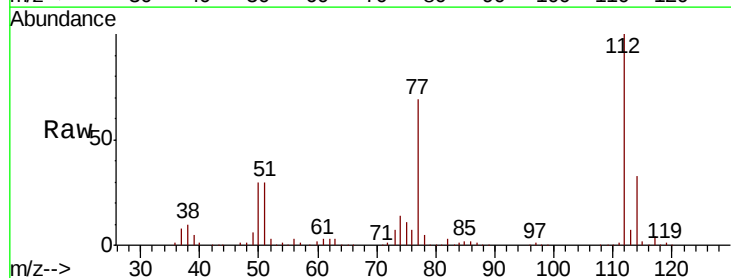
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

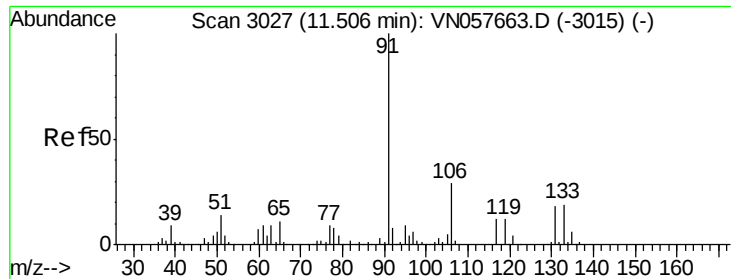
Tgt Ion: 98 Resp: 475561
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#64
Chlorobenzene
Concen: 50.524 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 112 Resp: 545602
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 47.505 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

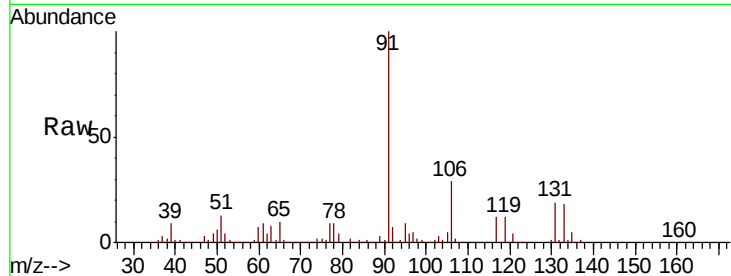
Tgt Ion:131 Resp: 201909

Ion Ratio Lower Upper

131 100

133 94.8 0.0 198.0

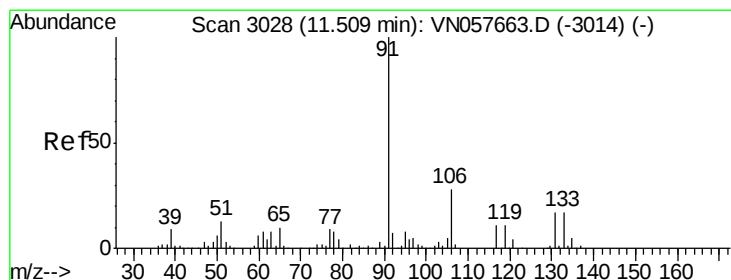
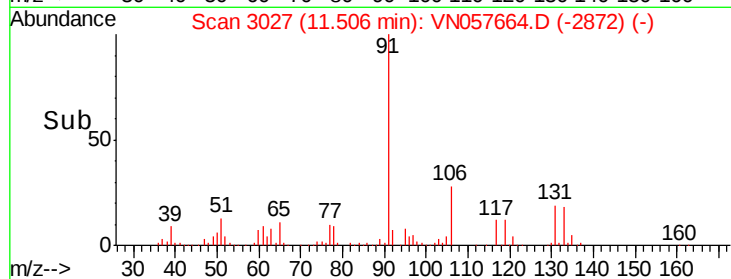
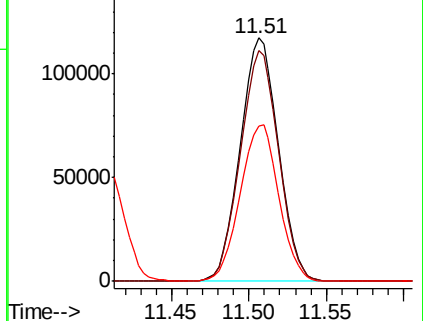
119 65.0 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 59.262 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN057664.D

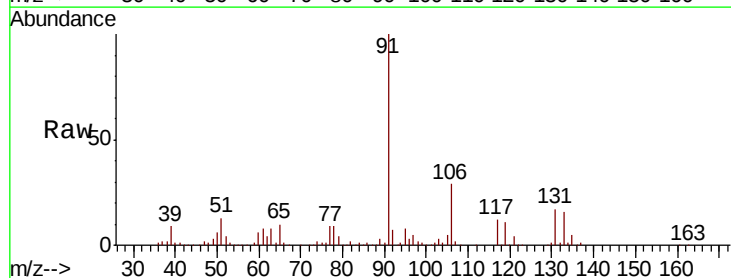
Acq: 3 Sep 2019 15:36

Tgt Ion: 91 Resp: 1093068

Ion Ratio Lower Upper

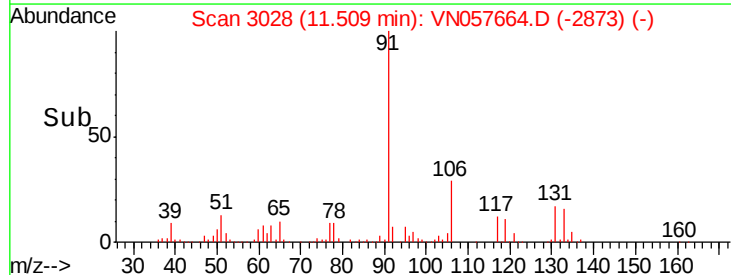
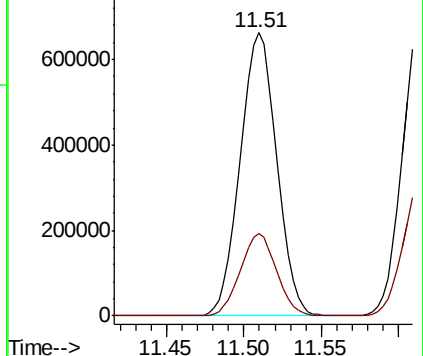
91 100

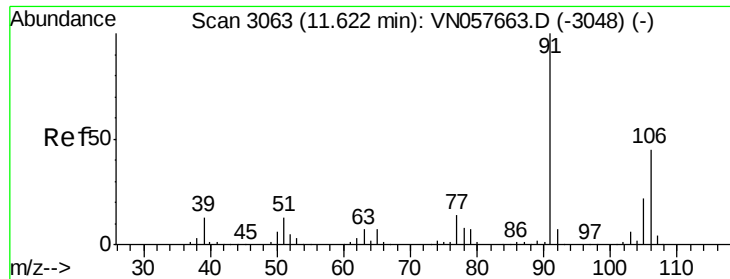
106 29.1 22.7 34.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

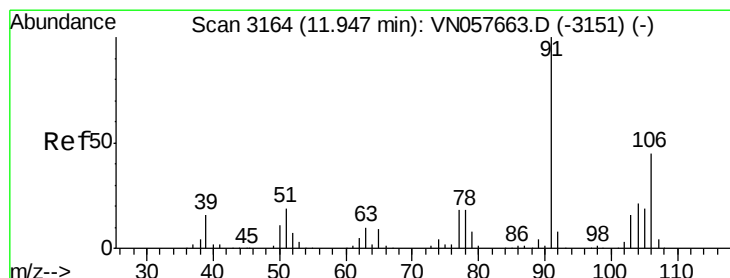
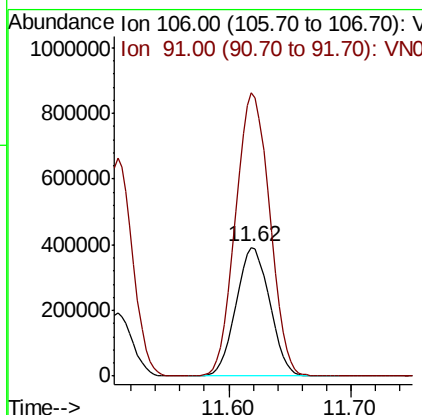
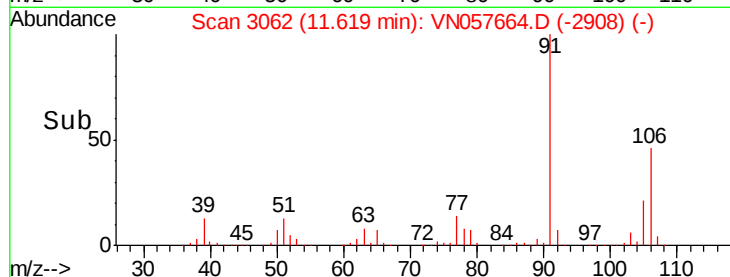
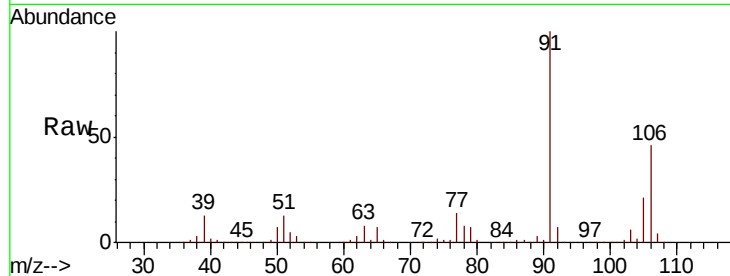




#67
m/p-Xylenes
Concen: 103.716 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

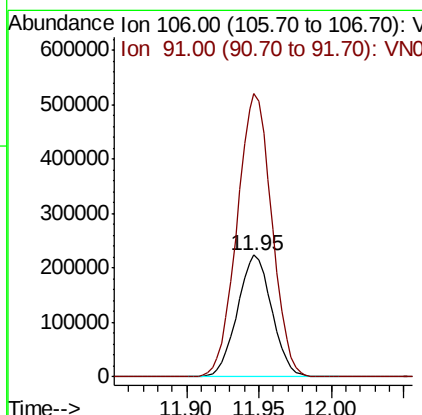
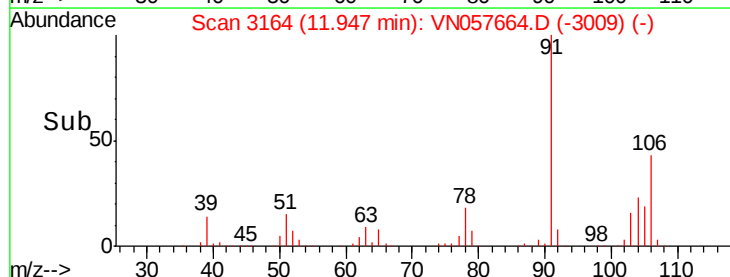
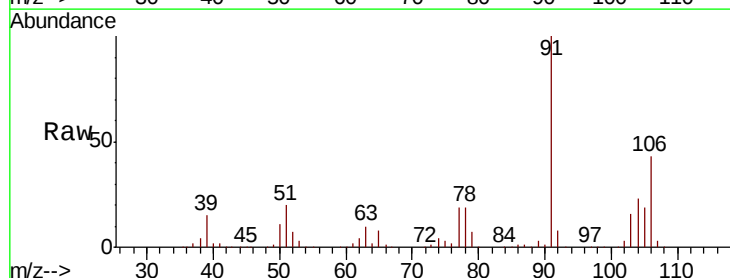
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

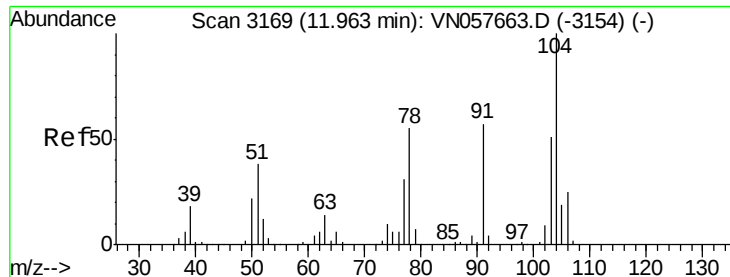
Tgt Ion:106 Resp: 748609
Ion Ratio Lower Upper
106 100
91 223.1 178.9 268.3



#68
o-Xylene
Concen: 50.807 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion:106 Resp: 369034
Ion Ratio Lower Upper
106 100
91 234.5 114.0 342.0

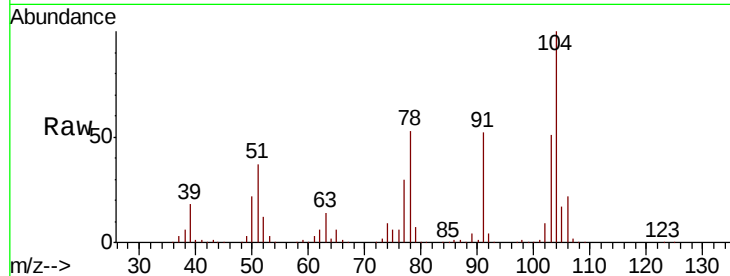




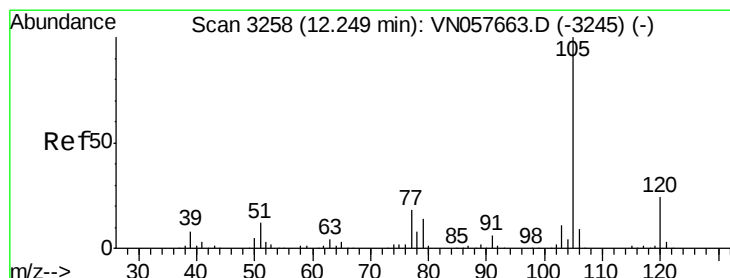
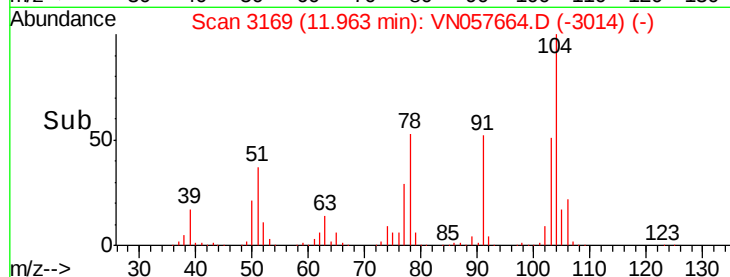
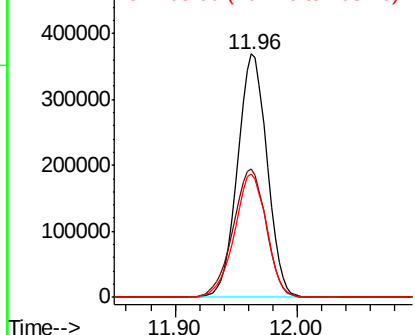
#69
Styrene
Concen: 53.951 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 617493
Ion Ratio Lower Upper
104 100
78 59.2 49.0 73.6
103 55.2 44.9 67.3

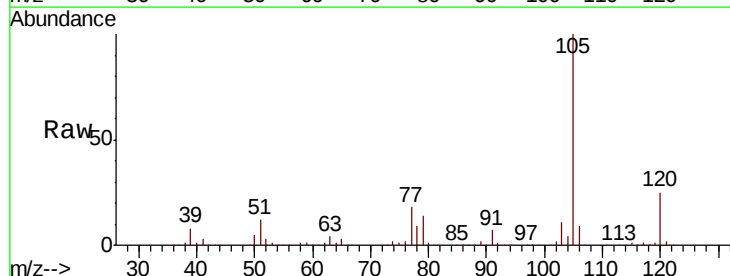


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

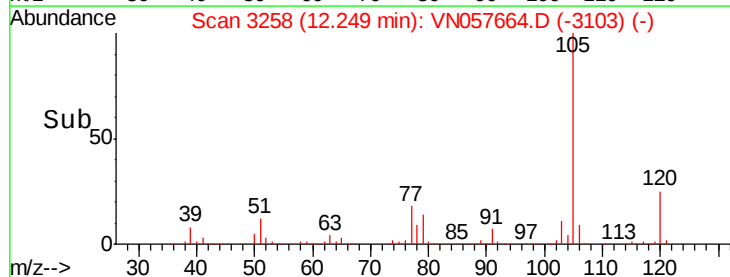
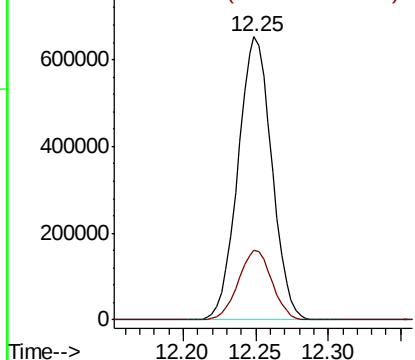


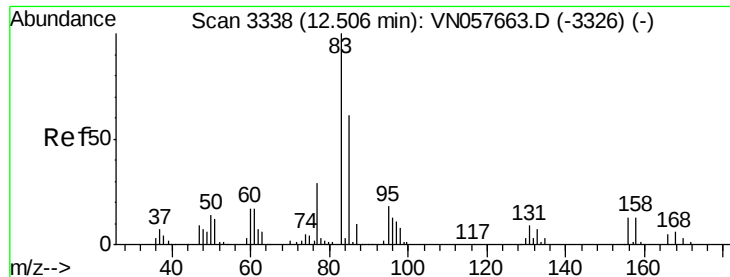
#70
Isopropylbenzene
Concen: 57.806 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion:105 Resp: 1055122
Ion Ratio Lower Upper
105 100
120 24.7 17.2 32.0



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

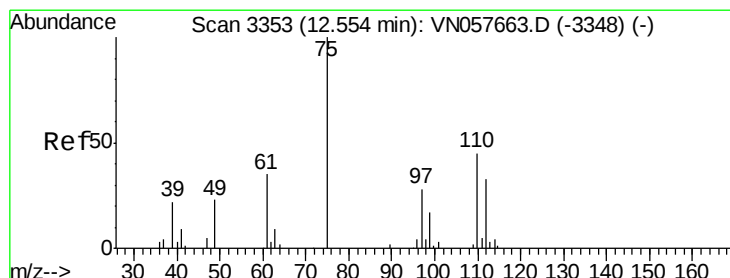
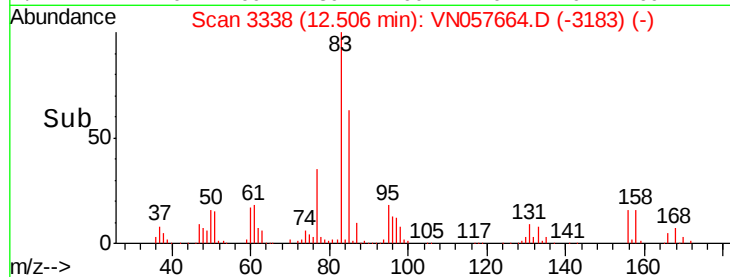
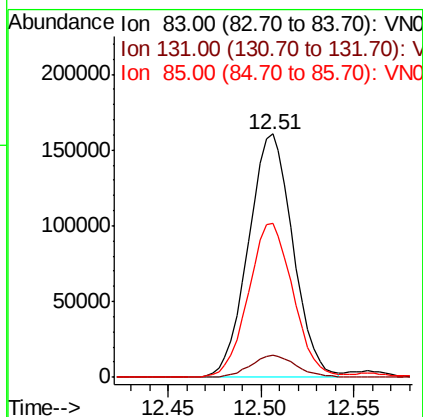
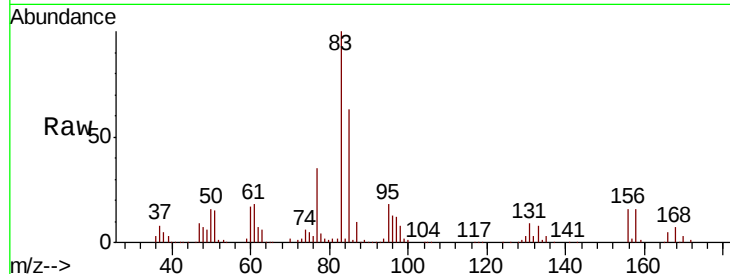




#71
 1,1,2,2-Tetrachloroethane
 Concen: 54.213 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

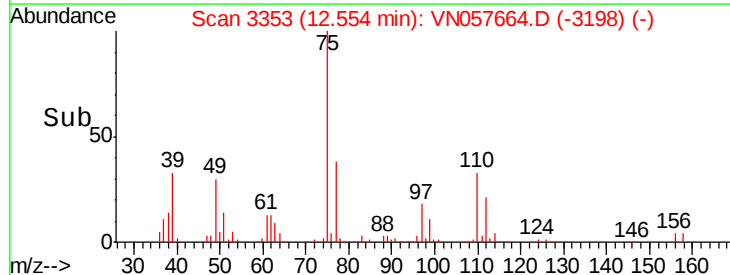
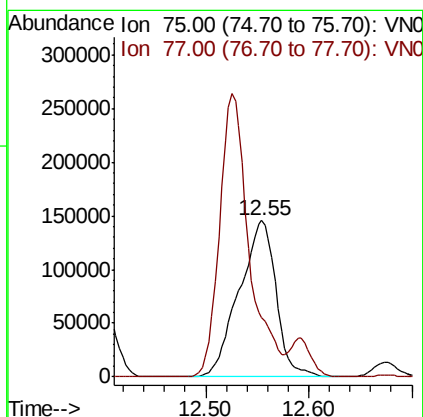
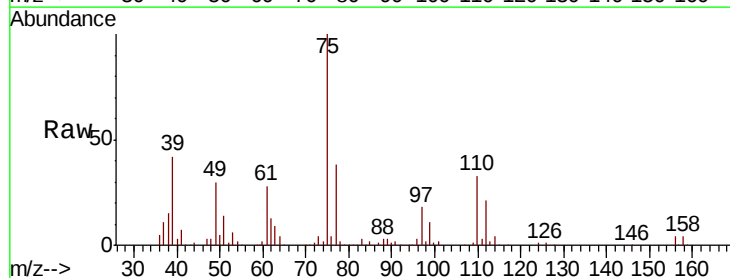
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

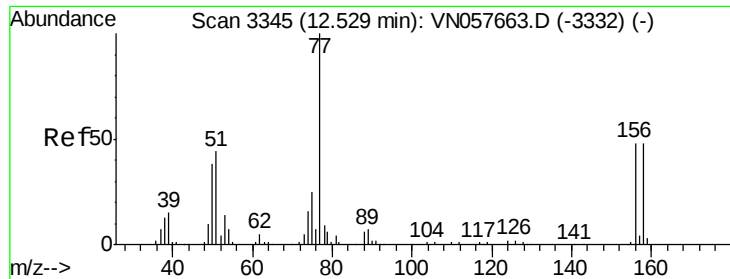
Tgt Ion: 83 Resp: 267577
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 14.9
 85 63.7 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 85.355 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 75 Resp: 361746
 Ion Ratio Lower Upper
 75 100
 77 145.9 0.0 405.6





#73

Bromobenzene

Concen: 48.527 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

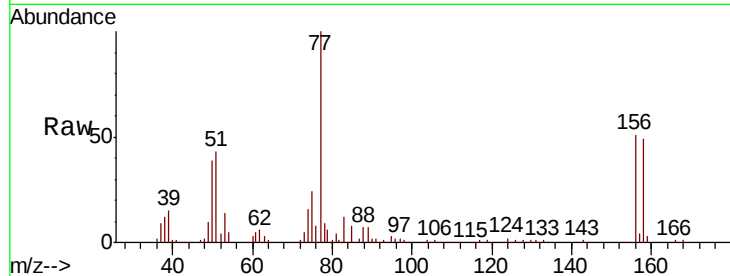
Tgt Ion:156 Resp: 221524

Ion Ratio Lower Upper

156 100

77 238.3 0.0 495.6

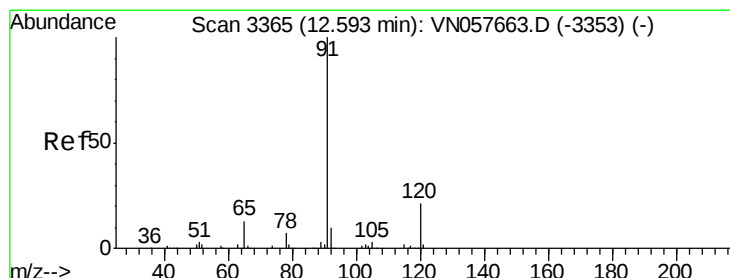
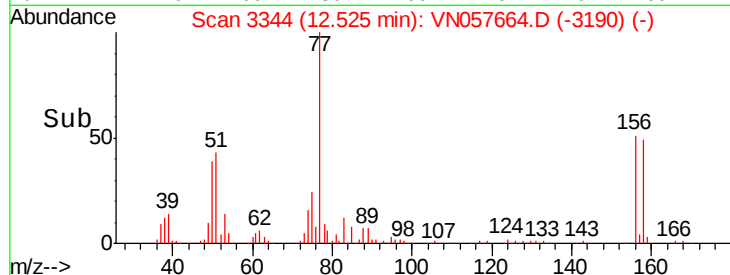
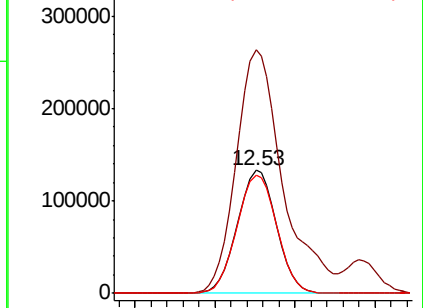
158 98.3 0.0 197.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 63.228 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057664.D

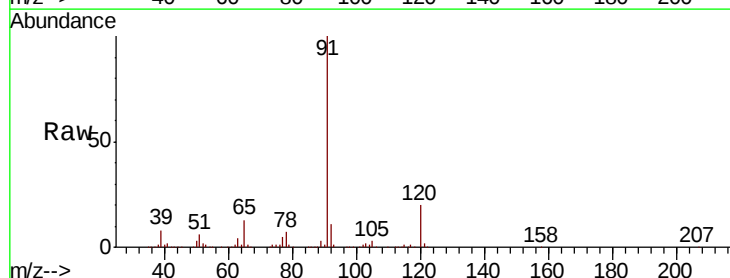
Acq: 3 Sep 2019 15:36

Tgt Ion: 91 Resp: 1195757

Ion Ratio Lower Upper

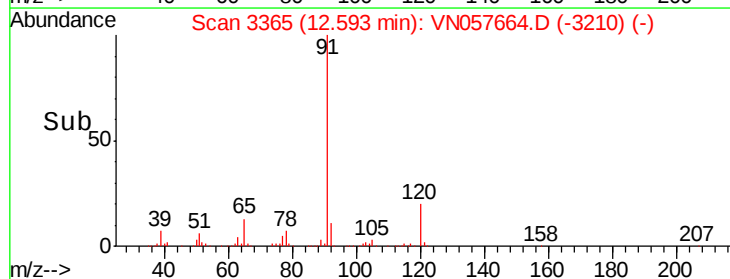
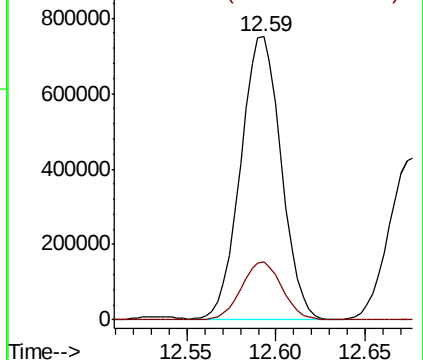
91 100

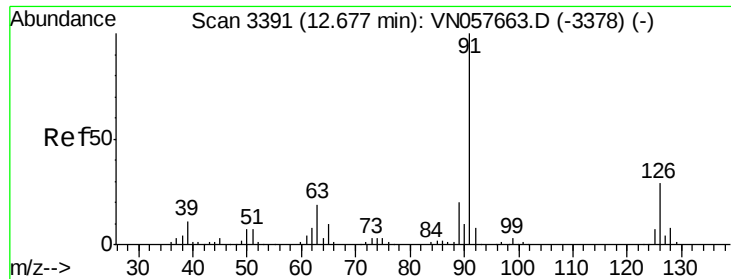
120 20.4 0.0 40.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 58.664 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

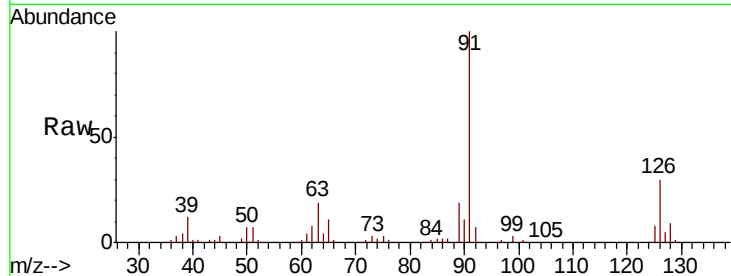
VSTDIC050

Tgt Ion: 91 Resp: 722381

Ion Ratio Lower Upper

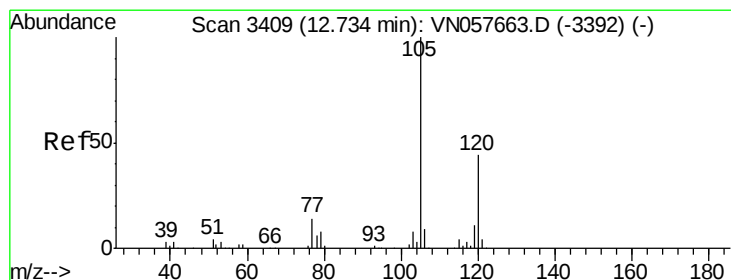
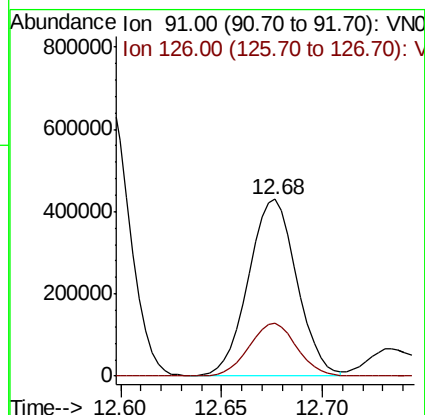
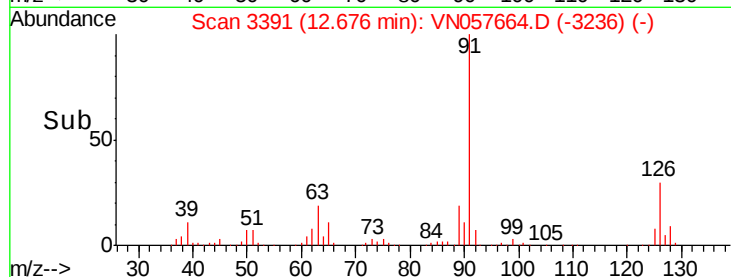
91 100

126 29.6 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VN057664.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN057664.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 56.713 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057664.D

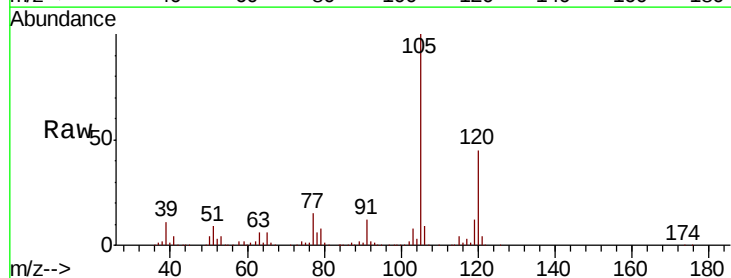
Acq: 3 Sep 2019 15:36

Tgt Ion: 105 Resp: 868576

Ion Ratio Lower Upper

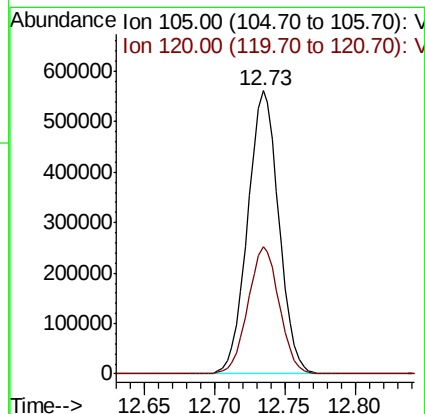
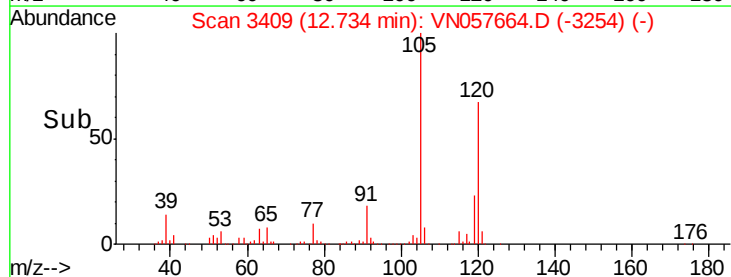
105 100

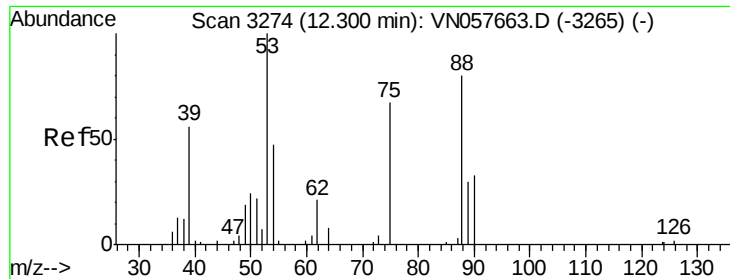
120 45.3 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): VN057664.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN057664.D (-3392) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 60.494 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

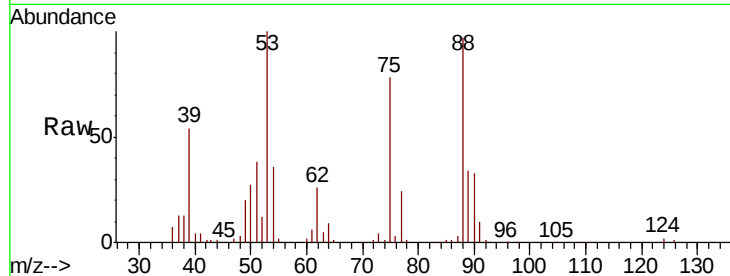
Tgt Ion: 75 Resp: 81318

Ion Ratio Lower Upper

75 100

53 128.8 74.2 222.6

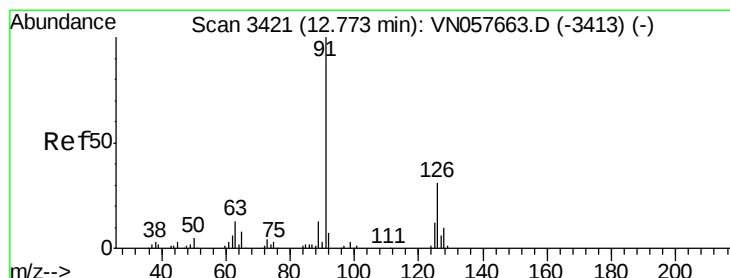
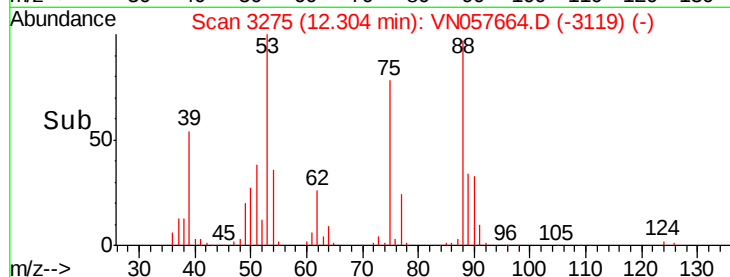
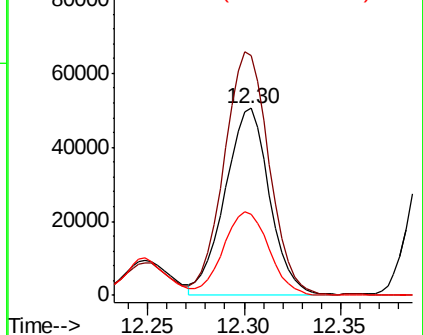
89 43.6 23.3 69.9



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 59.769 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057664.D

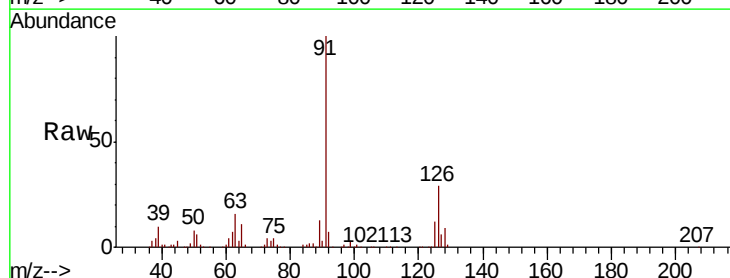
Acq: 3 Sep 2019 15:36

Tgt Ion: 91 Resp: 697080

Ion Ratio Lower Upper

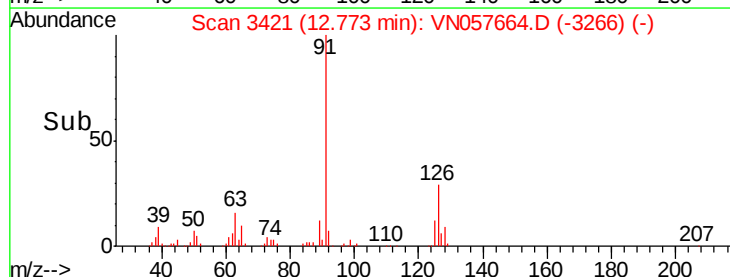
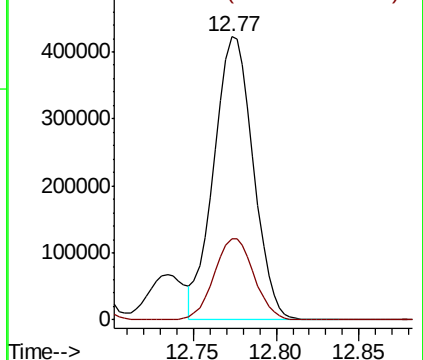
91 100

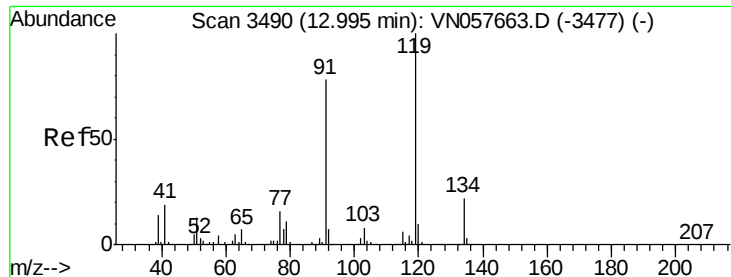
126 29.0 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

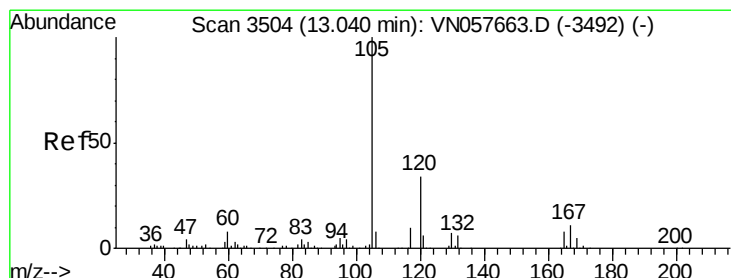
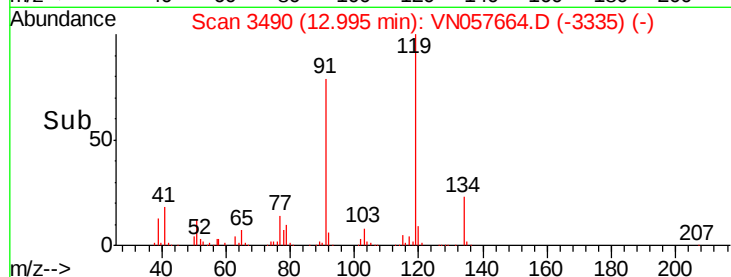
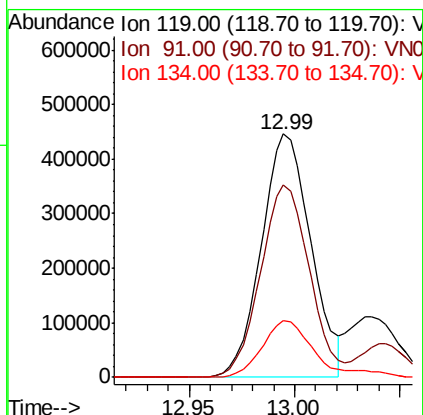
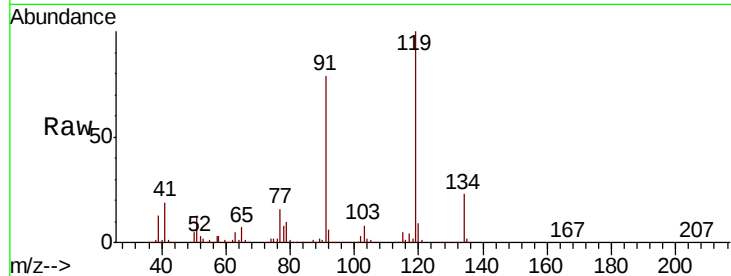




#79
tert-butylbenzene
Concen: 52.376 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

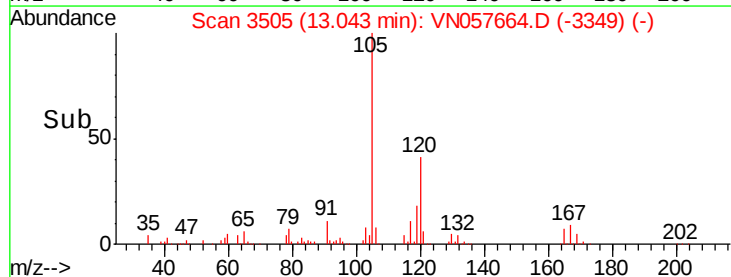
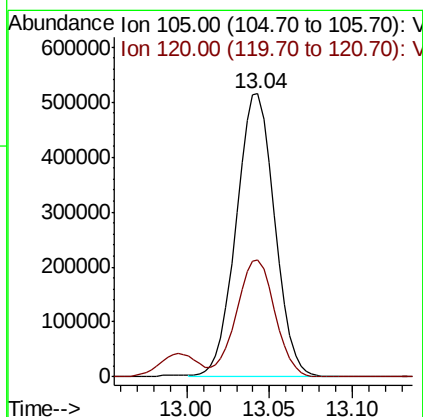
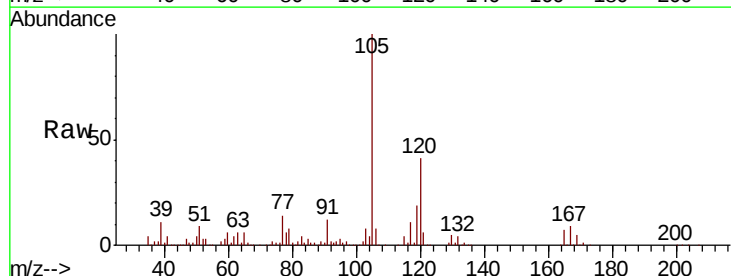
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

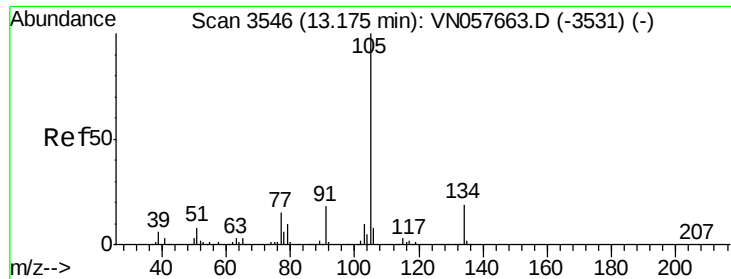
Tgt Ion:119 Resp: 728941
Ion Ratio Lower Upper
119 100
91 78.1 0.0 155.6
134 25.1 0.0 48.2



#80
1,2,4-Trimethylbenzene
Concen: 57.861 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion:105 Resp: 829998
Ion Ratio Lower Upper
105 100
120 41.4 0.0 83.4





#81

sec-Butylbenzene

Concen: 57.985 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

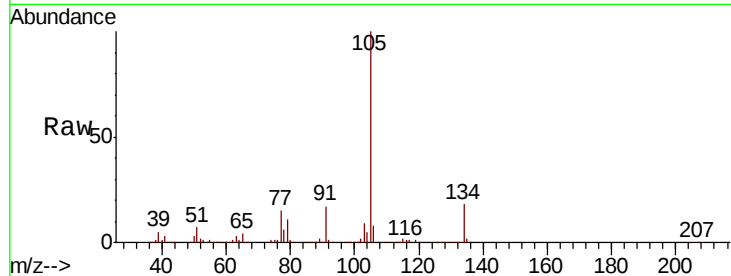
VSTDIC050

Tgt Ion:105 Resp: 981527

Ion Ratio Lower Upper

105 100

134 17.7 0.0 36.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

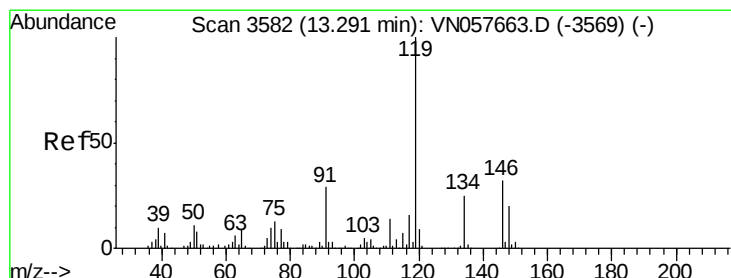
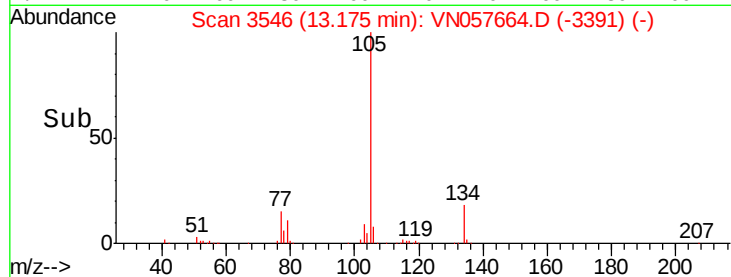
600000

400000

200000

0

Time--> 13.10 13.15 13.20



#82

p-Isopropyltoluene

Concen: 54.565 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057664.D

Acq: 3 Sep 2019 15:36

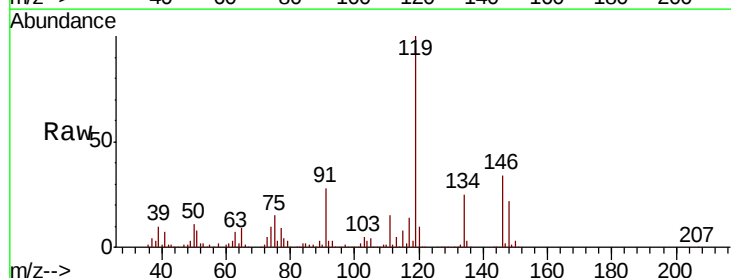
Tgt Ion:119 Resp: 811703

Ion Ratio Lower Upper

119 100

134 24.8 0.0 49.6

91 28.6 0.0 56.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

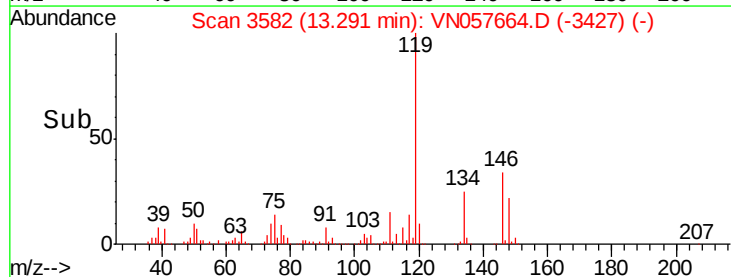
600000

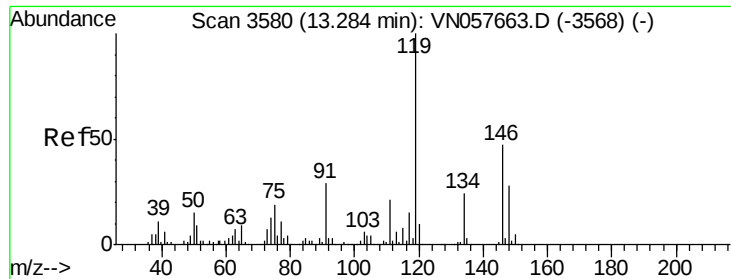
400000

200000

0

Time--> 13.25 13.30 13.35

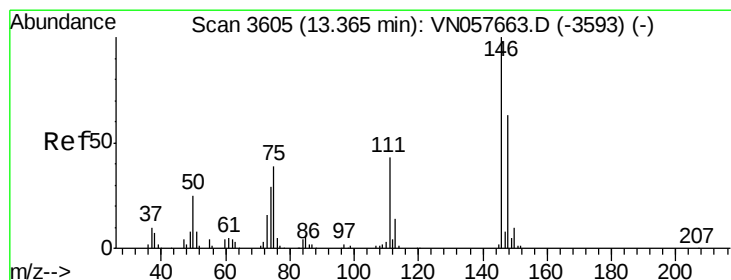
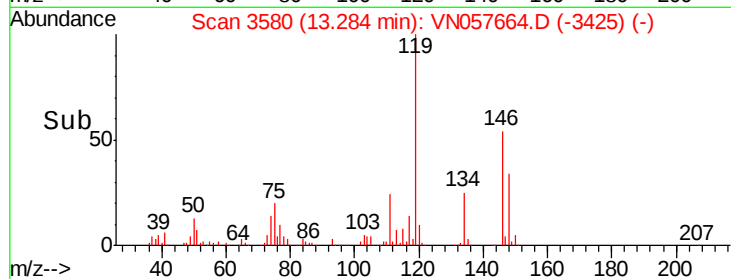
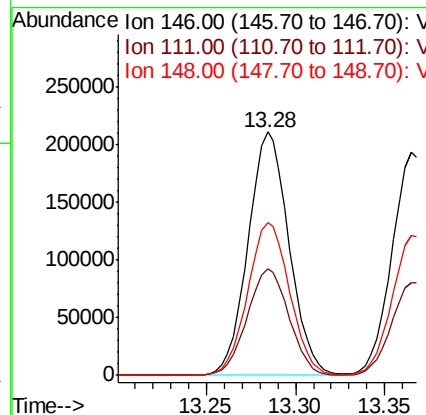
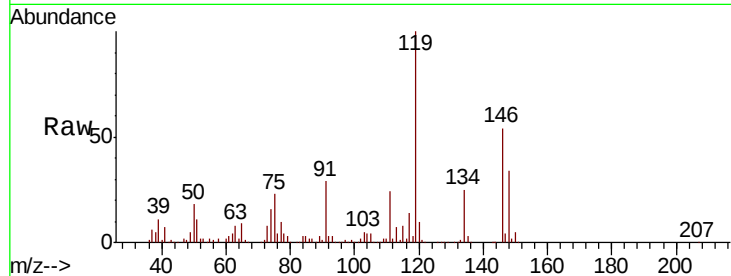




#83
 1,3-Dichlorobenzene
 Concen: 46.400 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

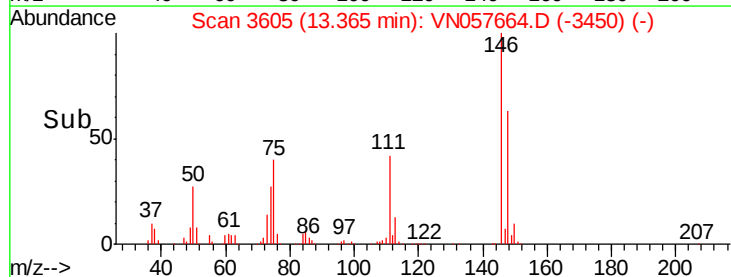
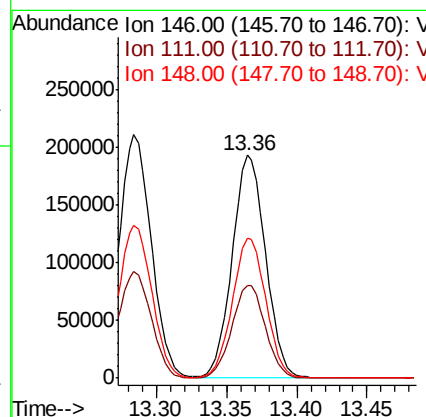
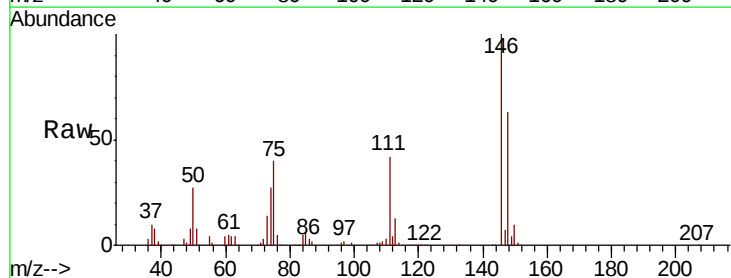
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

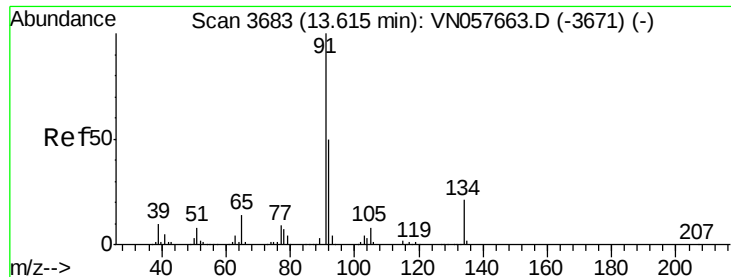
Tgt Ion:146 Resp: 338471
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.1 66.3
 148 64.1 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 45.834 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion:146 Resp: 319443
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.9
 148 63.0 31.0 93.0

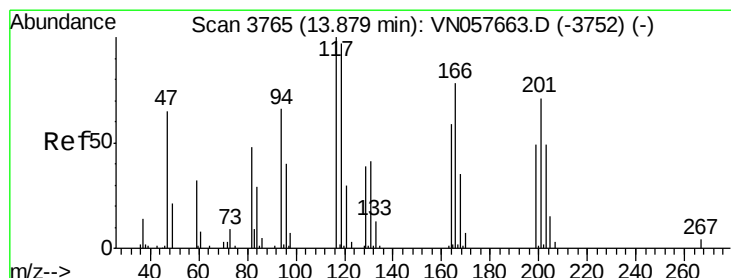
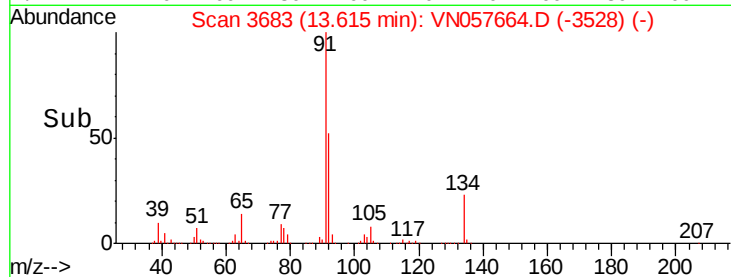
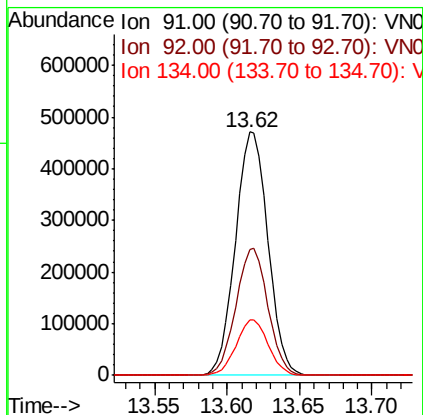
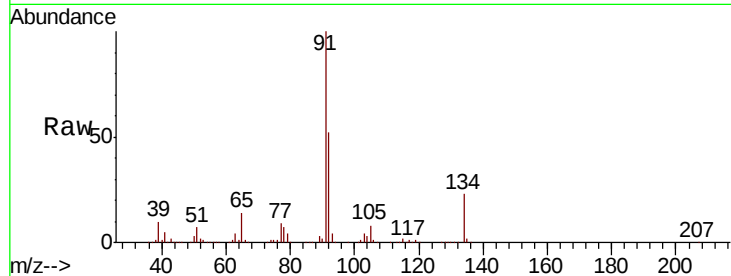




#85
n-Butylbenzene
Concen: 60.787 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

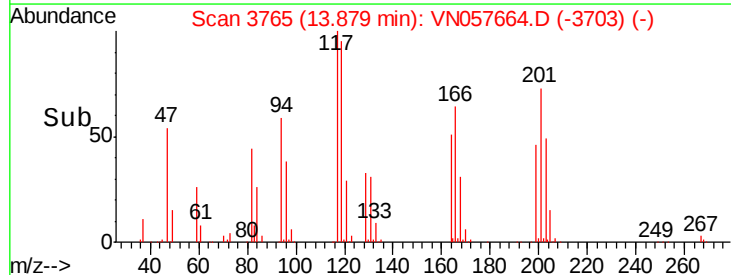
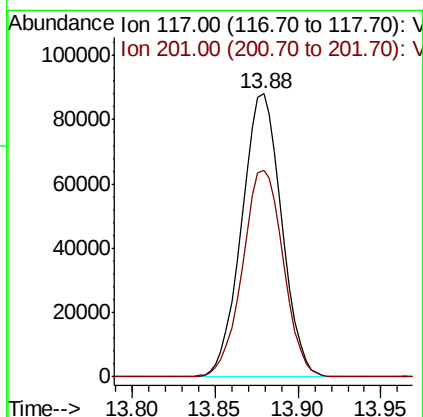
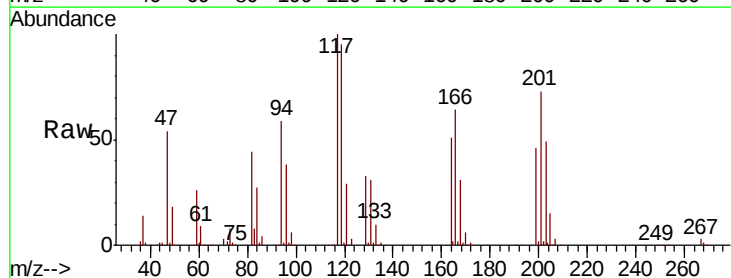
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

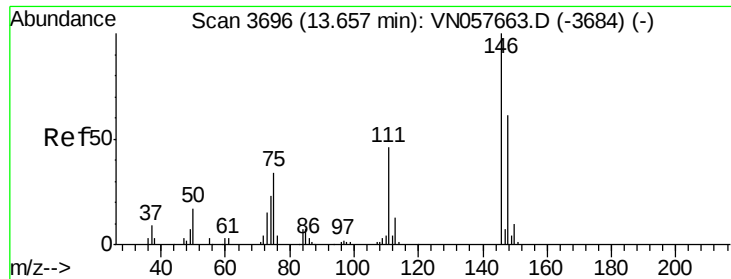
Tgt Ion: 91 Resp: 733287
Ion Ratio Lower Upper
91 100
92 51.5 0.0 100.2
134 22.6 0.0 43.8



#86
Hexachloroethane
Concen: 51.240 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion: 117 Resp: 147891
Ion Ratio Lower Upper
117 100
201 74.5 34.1 102.2

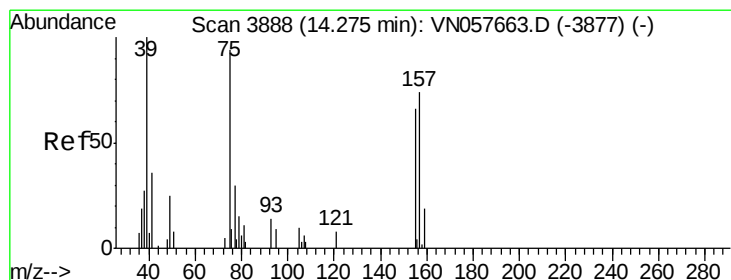
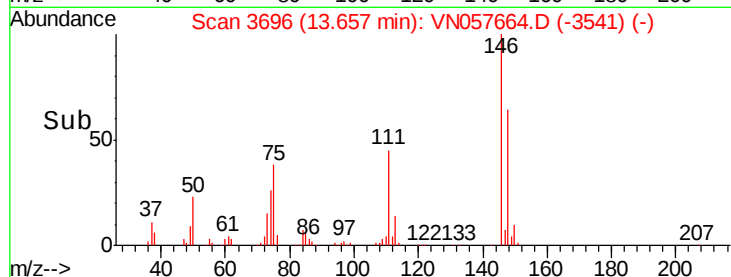
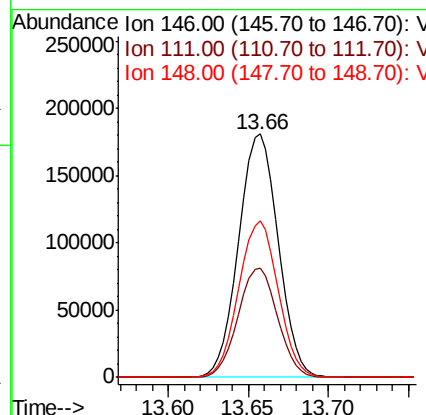
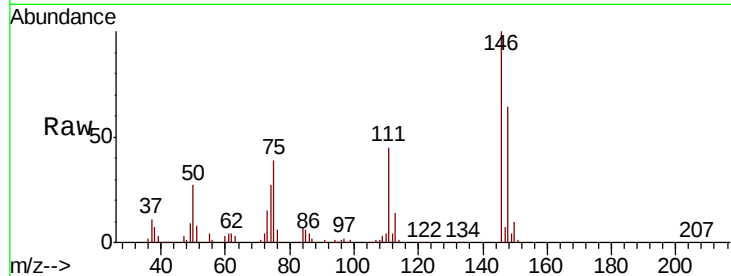




#87
 1,2-Dichlorobenzene
 Concen: 44.148 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

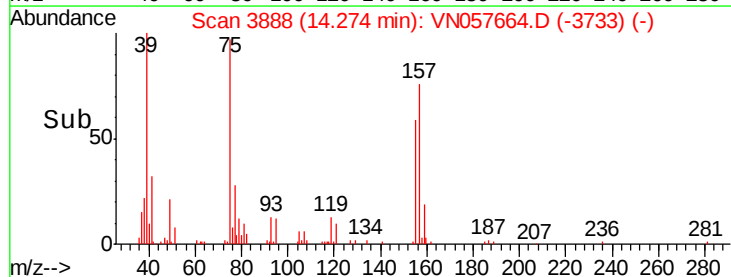
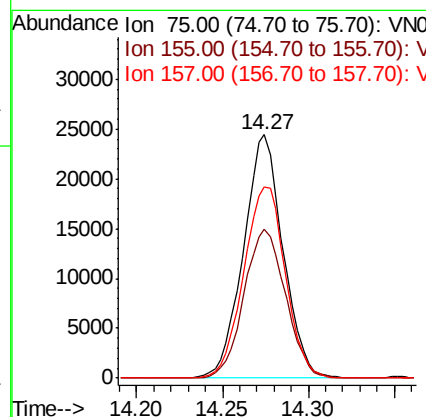
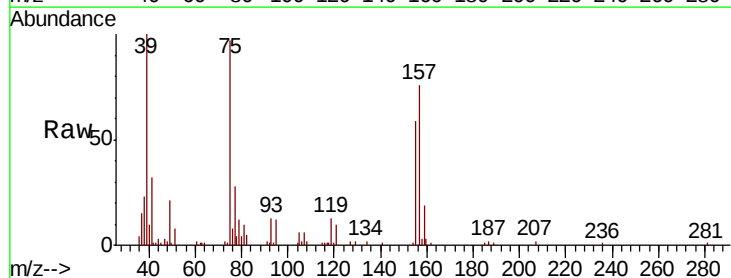
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

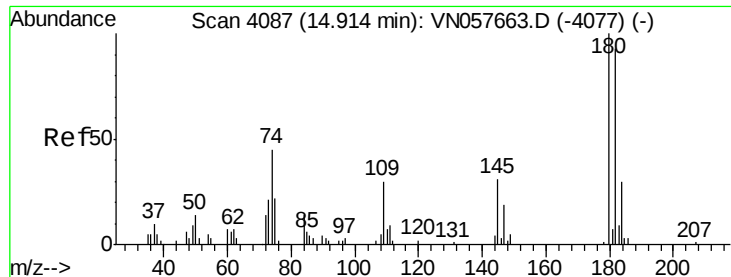
Tgt Ion:146 Resp: 305848
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.6 67.7
 148 64.3 31.3 93.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 55.090 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN057664.D
 Acq: 3 Sep 2019 15:36

Tgt Ion: 75 Resp: 38949
 Ion Ratio Lower Upper
 75 100
 155 64.3 54.6 82.0
 157 82.7 65.5 98.3

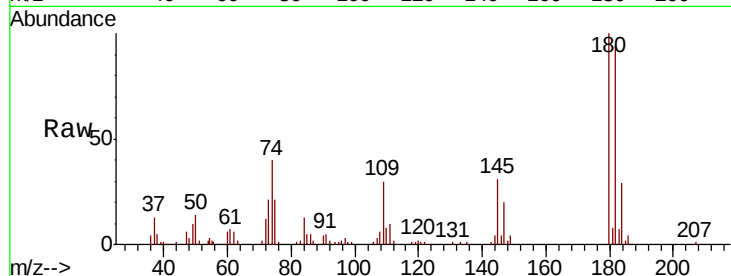




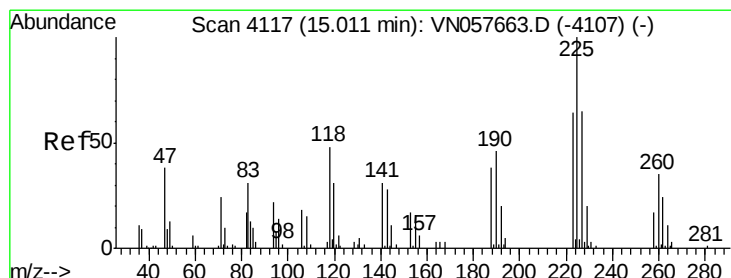
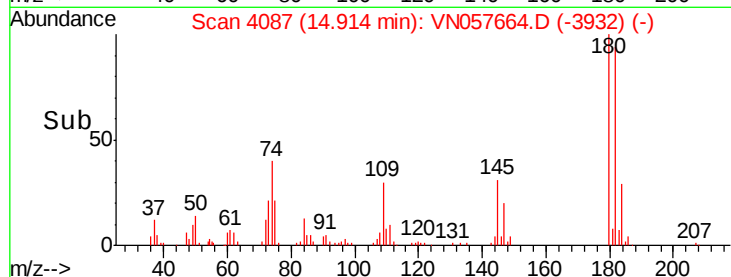
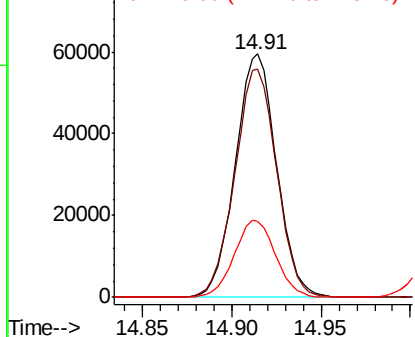
#89
1,2,4-Trichlorobenzene
Concen: 37.996 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:180 Resp: 96159
Ion Ratio Lower Upper
180 100
182 95.0 77.4 116.2
145 31.6 25.1 37.7

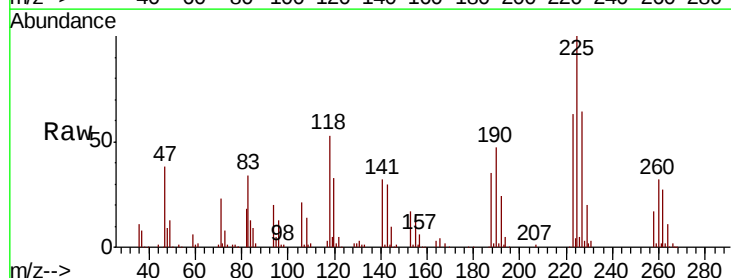


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

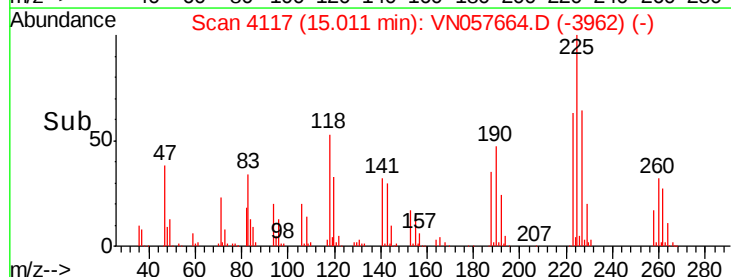
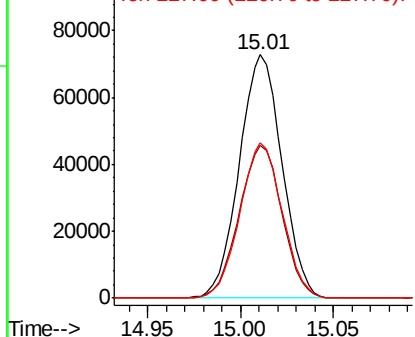


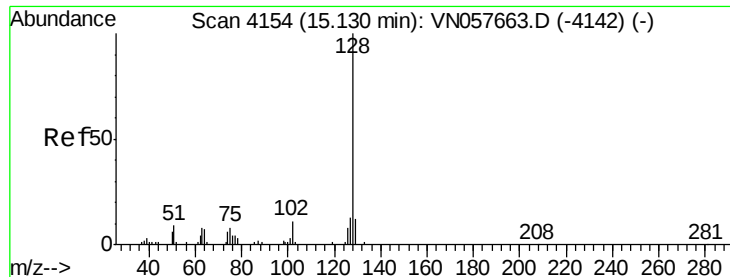
#90
Hexachlorobutadiene
Concen: 50.511 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion:225 Resp: 116269
Ion Ratio Lower Upper
225 100
223 62.9 0.0 131.0
227 63.1 0.0 128.6



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

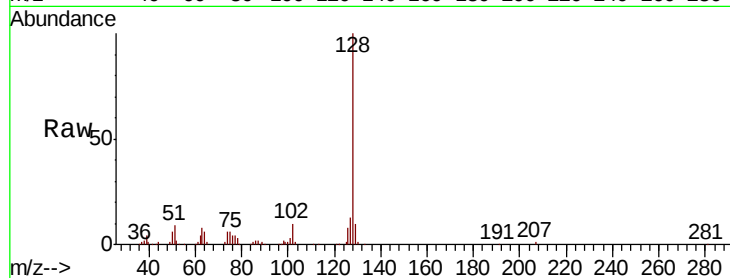




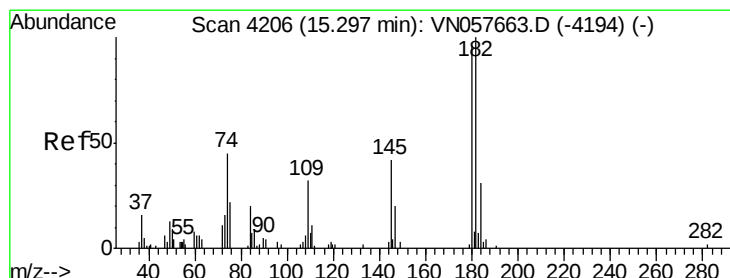
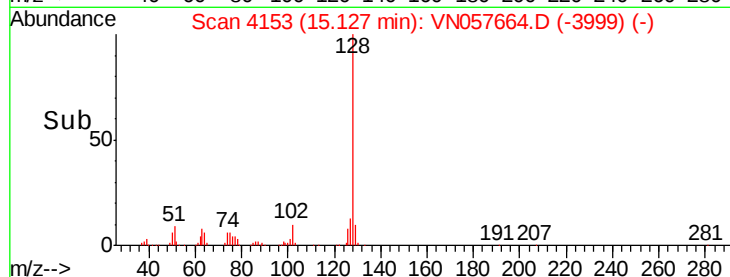
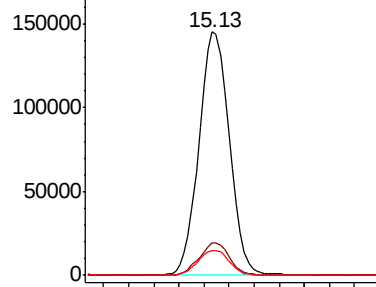
#91
Naphthalene
Concen: 35.512 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 245035
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.5 9.1 13.7

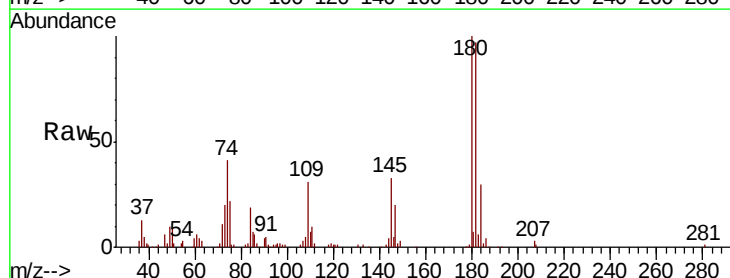


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 36.972 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN057664.D
Acq: 3 Sep 2019 15:36

Tgt Ion:180 Resp: 92388
Ion Ratio Lower Upper
180 100
182 97.7 0.0 199.4
145 34.0 0.0 73.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

